

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110921\
 Data File : VN069427.D
 Acq On : 9 Nov 2021 19:19
 Operator : JC/MD
 Sample : M4068-07 2.5PPB
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2021

Quant Time: Nov 10 16:18:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 09 18:18:22 2021
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/11/2021
 Supervised By : Semsettin Yesilyurt 11/17/2021

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.088	168	864517	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1531581	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	1348014	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	462571	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	720431	57.473	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 114.940%			
35) Dibromofluoromethane	8.024	113	472596	51.449	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 102.900%			
50) Toluene-d8	10.443	98	1890613	52.332	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 104.660%			
62) 4-Bromofluorobenzene	12.734	95	581878	43.843	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 87.680%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	19718	2.135	ug/l	97
3) Chloromethane	2.303	50	27216	2.541	ug/l	98
4) Vinyl Chloride	2.446	62	23941	2.232	ug/l	98
5) Bromomethane	2.850	94	19175	2.753	ug/l	96
6) Chloroethane	3.017	64	18008	2.488	ug/l	98
7) Trichlorofluoromethane	3.373	101	38442	2.319	ug/l	98
8) Diethyl Ether	3.821	74	11893	2.218	ug/l	63
9) 1,1,2-Trichlorotrifluo...	4.202	101	17804	2.280	ug/l #	83
10) Methyl Iodide	4.419	142	18058	1.886	ug/l #	89
11) Tert butyl alcohol	5.390	59	21539	9.536	ug/l #	93
12) 1,1-Dichloroethene	4.175	96	16455	2.348	ug/l	85
13) Acrolein	4.036	56	7867m	18.472	ug/l	
14) Allyl chloride	4.846	41	37103m	2.395	ug/l	
15) Acrylonitrile	5.559	53	65773	11.371	ug/l	98
16) Acetone	4.296	43	69284	10.244	ug/l	92
17) Carbon Disulfide	4.529	76	34291	2.070	ug/l	100
18) Methyl Acetate	4.862	43	56751	2.581	ug/l #	78
19) Methyl tert-butyl Ether	5.618	73	67259	2.268	ug/l	97
20) Methylene Chloride	5.087	84	25335	2.642	ug/l	93
21) trans-1,2-Dichloroethene	5.605	96	17521m	2.239	ug/l	
22) Diisopropyl ether	6.501	45	73684	2.208	ug/l #	94
23) Vinyl Acetate	6.436	43	257868	9.991	ug/l	99
24) 1,1-Dichloroethane	6.388	63	38110	2.242	ug/l	98
25) 2-Butanone	7.343	43	97275	10.622	ug/l	90
26) 2,2-Dichloropropane	7.327	77	26559	1.997	ug/l	98
27) cis-1,2-Dichloroethene	7.324	96	21494	2.215	ug/l	86
28) Bromochloromethane	7.665	49	23602	2.712	ug/l #	80
29) Tetrahydrofuran	7.694	42	62125	11.054	ug/l #	73
30) Chloroform	7.820	83	38386	2.203	ug/l	100
31) Cyclohexane	8.091	56	58745	3.430	ug/l #	79
32) 1,1,1-Trichloroethane	8.016	97	30685	2.110	ug/l	95
36) 1,1-Dichloropropene	8.228	75	28065	2.178	ug/l	95
37) Ethyl Acetate	7.426	43	37280	2.140	ug/l #	90
38) Carbon Tetrachloride	8.212	117	25570	2.055	ug/l	98
39) Methylcyclohexane	9.462	83	31582	1.970	ug/l	90
40) Benzene	8.461	78	85707	2.155	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.640	41	17813	1.979	ug/l #	84
42) 1,2-Dichloroethane	8.531	62	36769	2.361	ug/l	97
43) Isopropyl Acetate	8.563	43	59560	2.129	ug/l #	94
44) Trichloroethene	9.220	130	20116	2.113	ug/l	88
45) 1,2-Dichloropropane	9.494	63	22660	2.132	ug/l	89
46) Dibromomethane	9.582	93	14693	2.064	ug/l	89
47) Bromodichloromethane	9.762	83	24886	1.873	ug/l #	93
48) Methyl methacrylate	9.561	41	26738	2.031	ug/l	87
49) 1,4-Dioxane	9.572	88	9021	72.285	ug/l #	82
51) 4-Methyl-2-Pentanone	10.333	43	185273	10.258	ug/l	94
52) Toluene	10.505	92	52139	2.104	ug/l	98
53) t-1,3-Dichloropropene	10.722	75	22618	3.949	ug/l	92
54) cis-1,3-Dichloropropene	10.191	75	27687	3.286	ug/l	90
55) 1,1,2-Trichloroethane	10.902	97	20685	2.071	ug/l	97
56) Ethyl methacrylate	10.765	69	30392	3.601	ug/l	86
57) 1,3-Dichloropropane	11.047	76	36868	2.100	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.044	63	39865	30.256	ug/l	93
59) 2-Hexanone	11.089	43	128162	16.079	ug/l	88
60) Dibromochloromethane	11.237	129	15047	3.723	ug/l	100
61) 1,2-Dibromoethane	11.347	107	20058	2.831	ug/l	99
64) Tetrachloroethene	10.977	164	17504	2.151	ug/l	93
65) Chlorobenzene	11.771	112	55236	2.201	ug/l	92
66) 1,1,1,2-Tetrachloroethane	11.840	131	17419	2.001	ug/l #	64
67) Ethyl Benzene	11.846	91	95324	2.060	ug/l	96
68) m/p-Xylenes	11.953	106	66313	3.896	ug/l	97
69) o-Xylene	12.280	106	32066	1.890	ug/l	84
70) Styrene	12.299	104	49116	3.084	ug/l	97
71) Bromoform	12.460	173	8757	4.507	ug/l #	89
73) Isopropylbenzene	12.581	105	83548	2.268	ug/l	100
74) N-amyl acetate	12.393	43	31998	2.050	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.827	83	30971	2.493	ug/l	97
76) 1,2,3-Trichloropropane	12.884	75	30150m	2.824	ug/l	
77) Bromobenzene	12.862	156	19242	2.284	ug/l	72
78) n-propylbenzene	12.924	91	91521	2.208	ug/l	98
79) 2-Chlorotoluene	13.010	91	58787	2.291	ug/l	94
80) 1,3,5-Trimethylbenzene	13.061	105	66808	2.244	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.624	75	5651m	7.181	ug/l	
82) 4-Chlorotoluene	13.109	91	53114	2.171	ug/l	97
83) tert-Butylbenzene	13.324	119	60514	2.319	ug/l	93
84) 1,2,4-Trimethylbenzene	13.369	105	60912	2.119	ug/l	100
85) sec-Butylbenzene	13.503	105	77997	2.140	ug/l	95
86) p-Isopropyltoluene	13.616	119	56219	1.943	ug/l	96
87) 1,3-Dichlorobenzene	13.616	146	30658	2.099	ug/l	94
88) 1,4-Dichlorobenzene	13.696	146	32024m	2.235	ug/l	
89) n-Butylbenzene	13.943	91	44376	1.839	ug/l	96
90) Hexachloroethane	14.211	117	8418	3.676	ug/l	81
91) 1,2-Dichlorobenzene	13.991	146	30186	2.172	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.611	75	3760	3.366	ug/l	80
93) 1,2,4-Trichlorobenzene	15.265	180	10197	4.427	ug/l	95
94) Hexachlorobutadiene	15.367	225	7753	2.147	ug/l	92
95) Naphthalene	15.512	128	27824	5.685	ug/l #	85
96) 1,2,3-Trichlorobenzene	15.708	180	10908	4.637	ug/l	97

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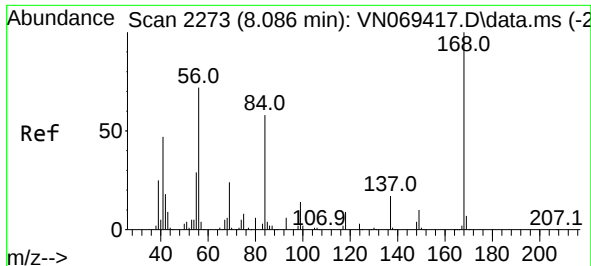
Manual Integrations
APPROVED

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Quant Title : SW846 8260
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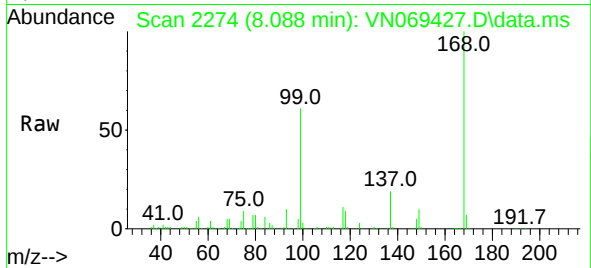
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN069427.D
Acq: 9 Nov 2021 19:19

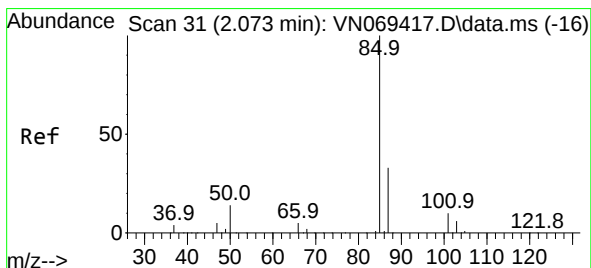
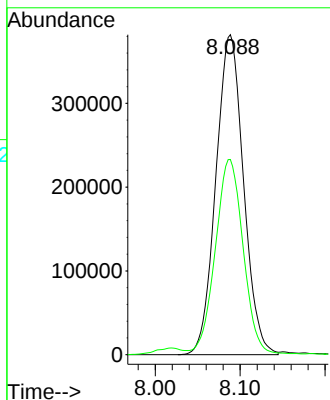
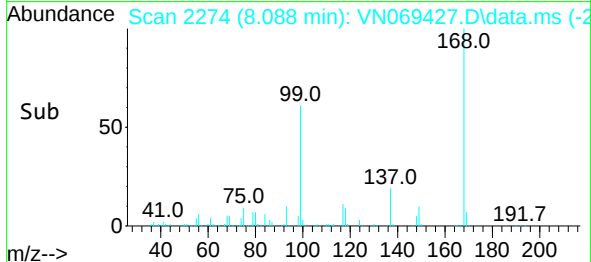
Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:168 Resp: 86451
Ion Ratio Lower Upper
168 100
99 60.5 41.3 61.9

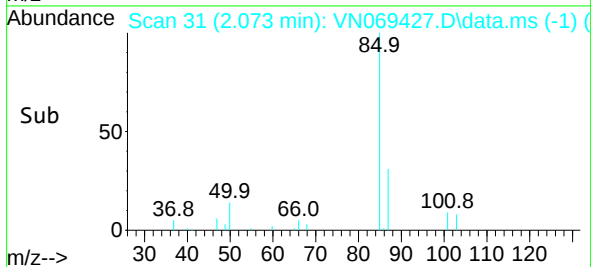
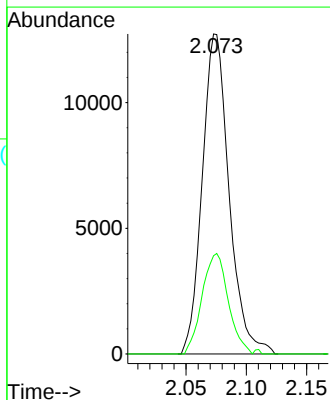
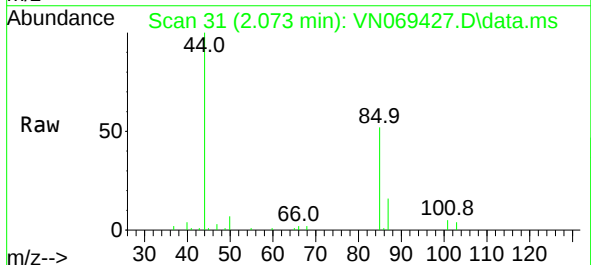
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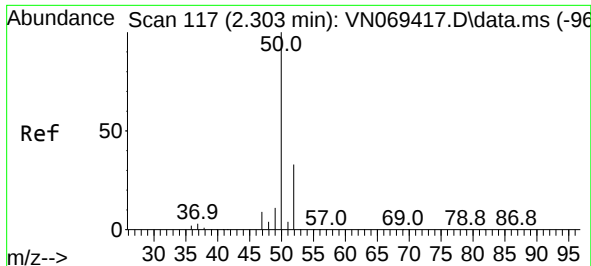
Reviewed By :John Carlone 11/11/2021
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#2
Dichlorodifluoromethane
Concen: 2.135 ug/l
RT: 2.073 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN069427.D
Acq: 9 Nov 2021 19:19

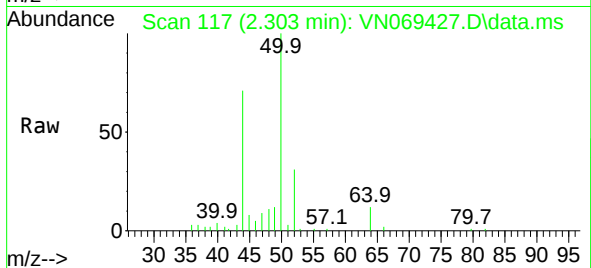
Tgt Ion: 85 Resp: 19718
Ion Ratio Lower Upper
85 100
87 30.7 16.3 48.9





#3
Chloromethane
Concen: 2.541 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN069427.D
Acq: 9 Nov 2021 19:19

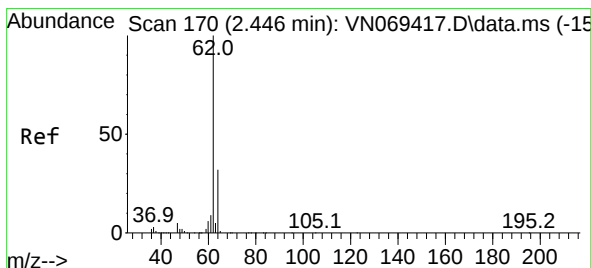
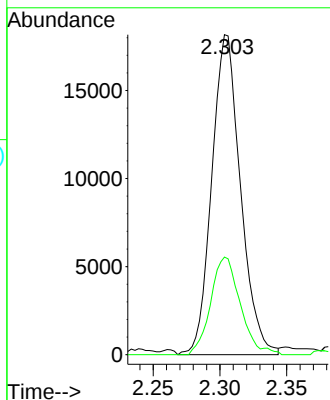
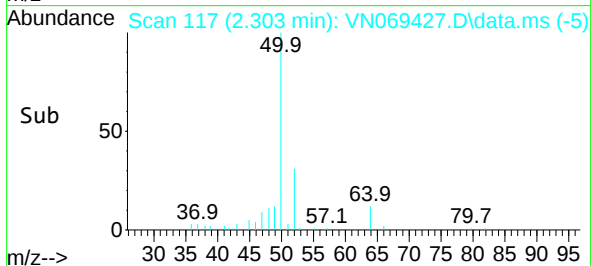
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Tgt Ion: 50 Resp: 27210
Ion Ratio Lower Upper
50 100
52 30.5 25.4 38.0

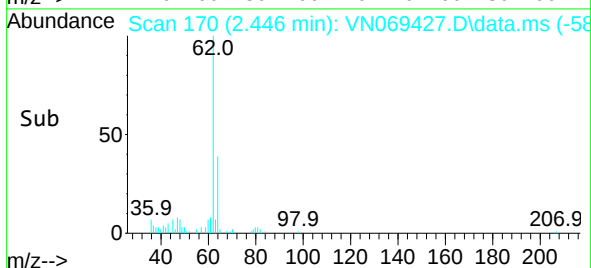
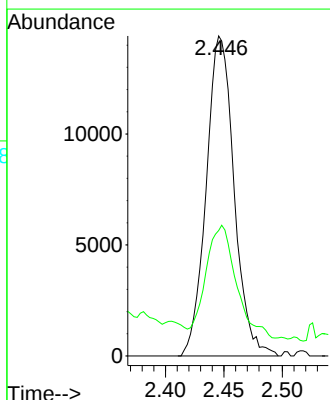
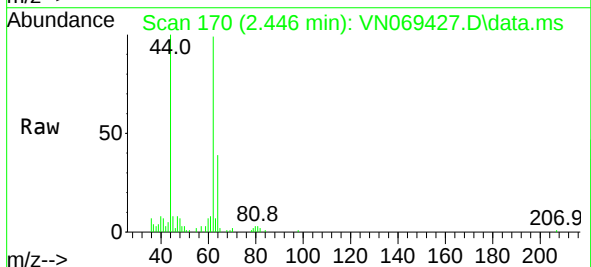
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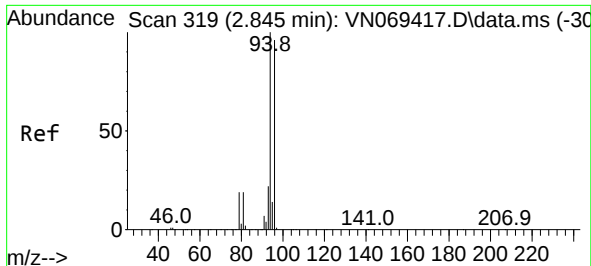
Reviewed By :John Carlone 11/11/2021
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#4
Vinyl Chloride
Concen: 2.232 ug/l
RT: 2.446 min Scan# 170
Delta R.T. -0.000 min
Lab File: VN069427.D
Acq: 9 Nov 2021 19:19

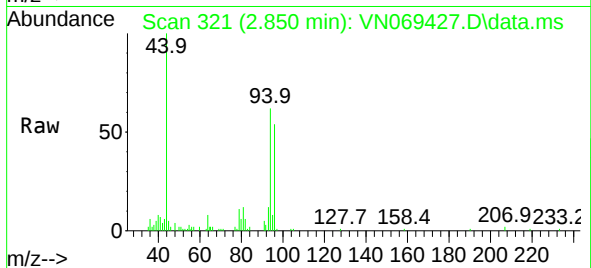
Tgt Ion: 62 Resp: 23941
Ion Ratio Lower Upper
62 100
64 33.5 25.8 38.6





#5
Bromomethane
Concen: 2.753 ug/l
RT: 2.850 min Scan# 319
Delta R.T. 0.005 min
Lab File: VN069427.D
Acq: 9 Nov 2021 19:19

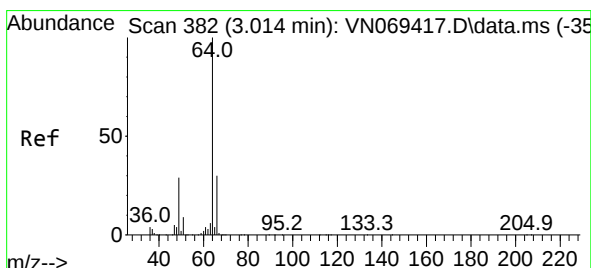
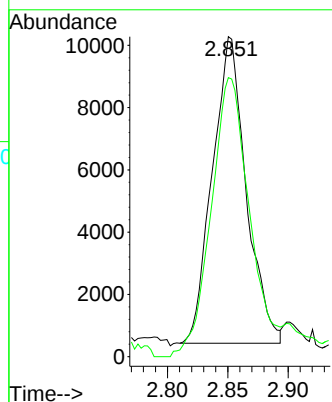
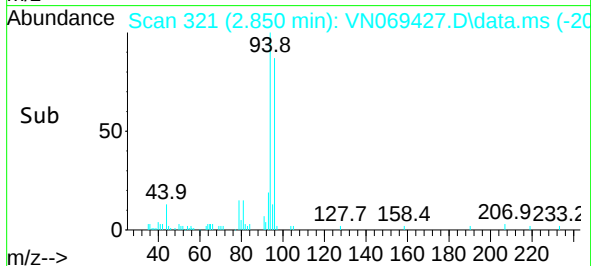
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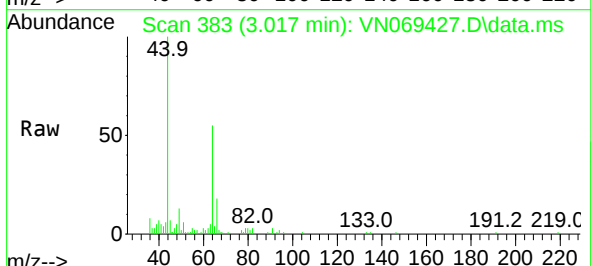
Tgt Ion: 94 Resp: 1917
Ion Ratio Lower Upper
94 100
96 88.8 73.8 110.8

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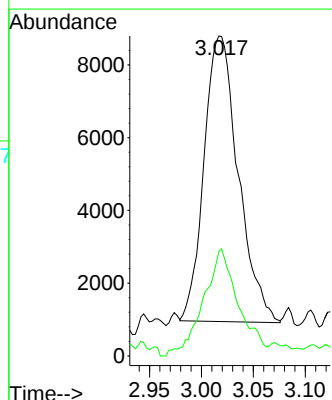
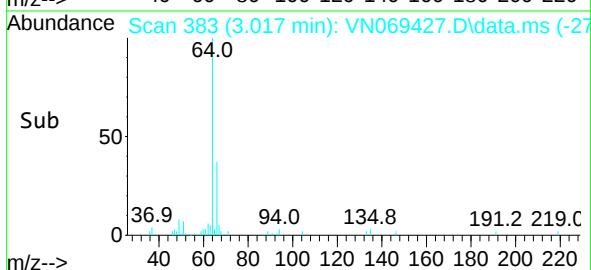
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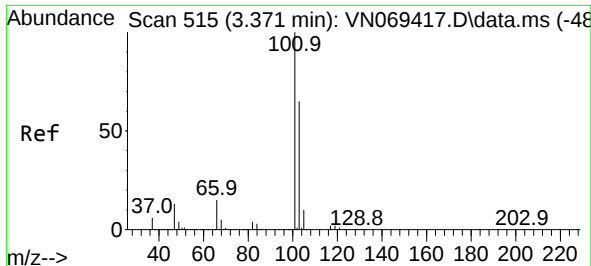


#6
Chloroethane
Concen: 2.488 ug/l
RT: 3.017 min Scan# 383
Delta R.T. 0.003 min
Lab File: VN069427.D
Acq: 9 Nov 2021 19:19



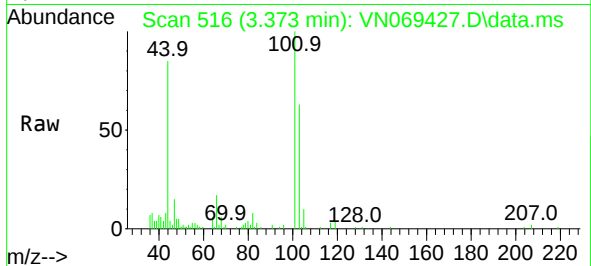
Tgt Ion: 64 Resp: 18008
Ion Ratio Lower Upper
64 100
66 34.0 26.3 39.5





#7
 Trichlorofluoromethane
 Concen: 2.319 ug/l
 RT: 3.373 min Scan# 515
 Delta R.T. 0.002 min
 Lab File: VN069427.D
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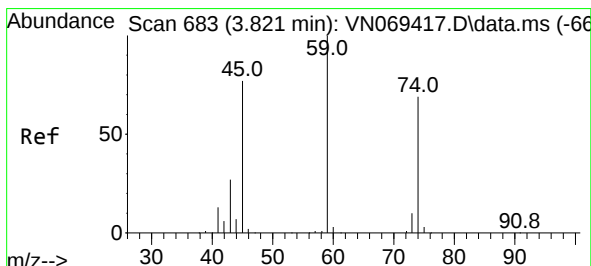
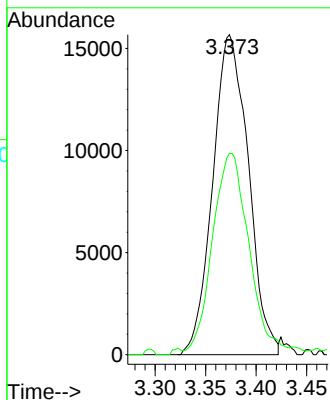
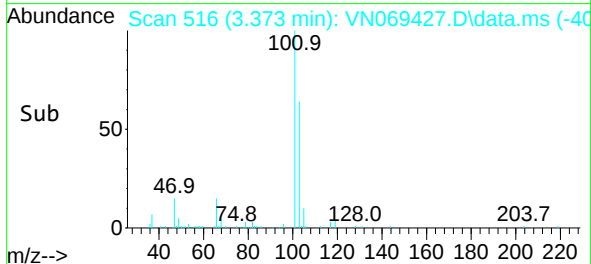
Instrument : MSVOA_N
 ClientSampleId : LOD-MDL-WATER-01-QT4-2021



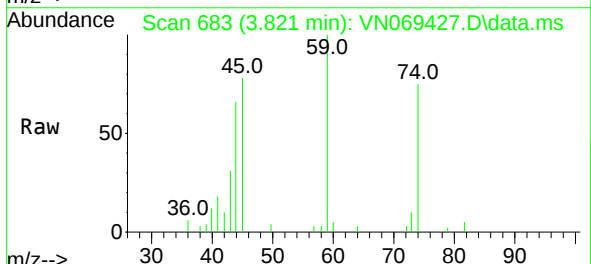
Tgt Ion:101 Resp: 3844
 Ion Ratio Lower Upper
 101 100
 103 60.8 50.1 75.1

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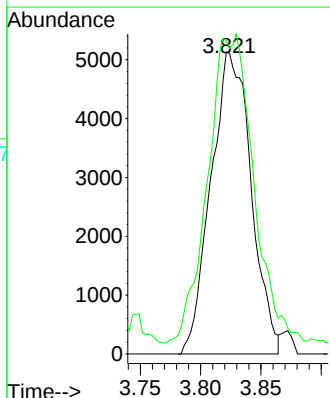
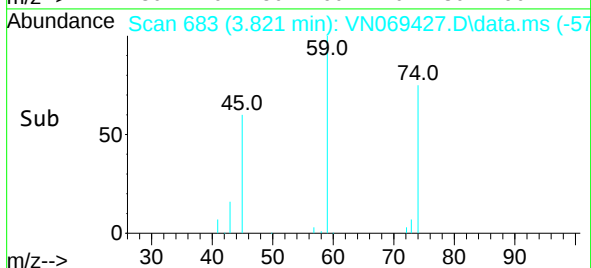
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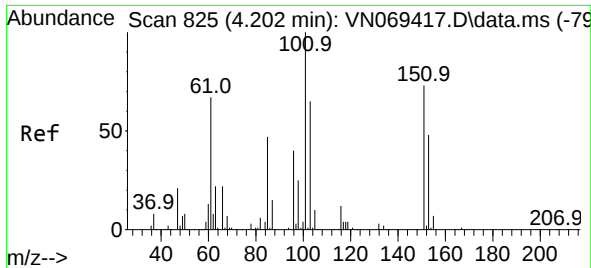


#8
 Diethyl Ether
 Concen: 2.218 ug/l
 RT: 3.821 min Scan# 683
 Delta R.T. 0.000 min
 Lab File: VN069427.D
 Acq: 9 Nov 2021 19:19



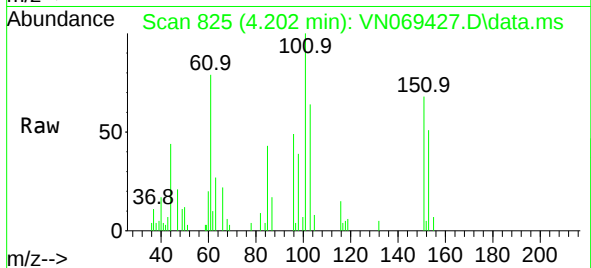
Tgt Ion: 74 Resp: 11893
 Ion Ratio Lower Upper
 74 100
 45 58.5 47.0 141.2





#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.280 ug/l
RT: 4.202 min Scan# 81
Delta R.T. 0.000 min
Lab File: VN069427.D
Acq: 9 Nov 2021 19:19

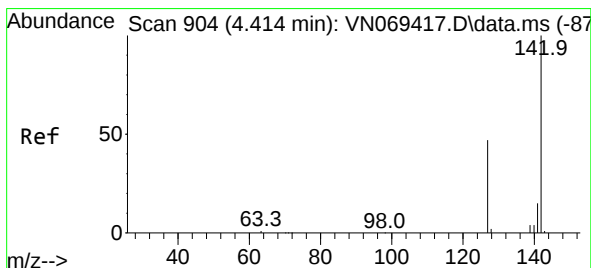
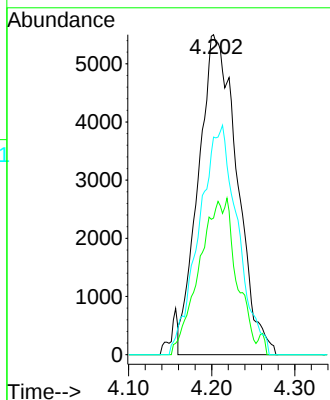
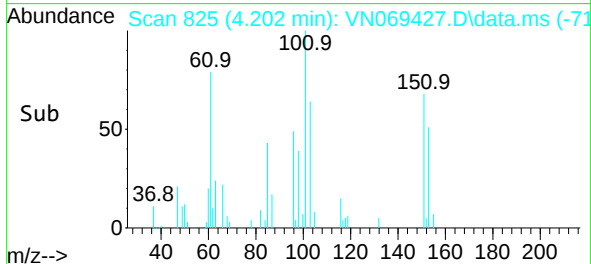
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



Tgt Ion:101 Resp: 17804
Ion Ratio Lower Upper
101 100
85 29.7 37.2 55.8
151 71.6 65.9 98.9

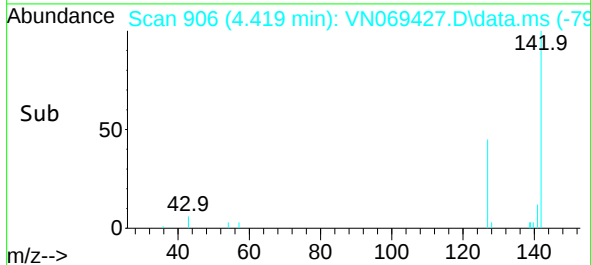
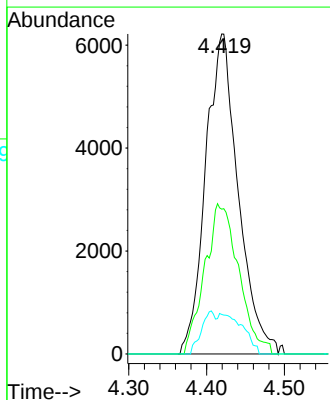
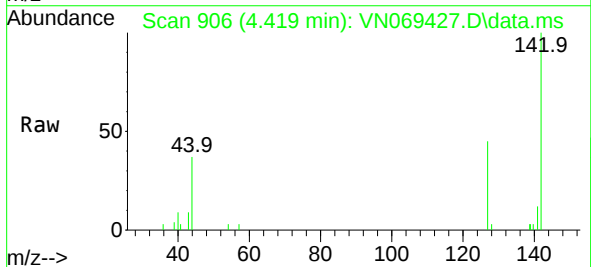
Manual Integrations
APPROVED

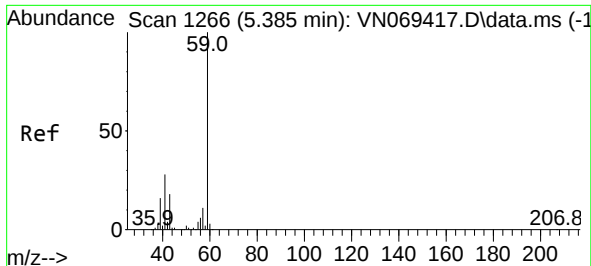
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/17/2021



#10
Methyl Iodide
Concen: 1.886 ug/l
RT: 4.419 min Scan# 906
Delta R.T. 0.005 min
Lab File: VN069427.D
Acq: 9 Nov 2021 19:19

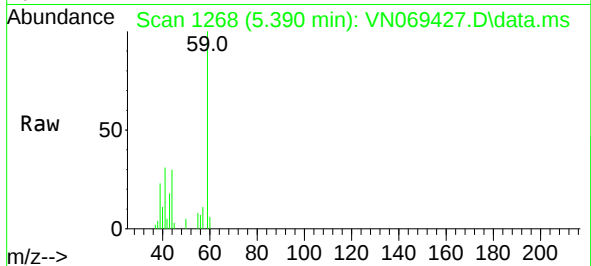
Tgt Ion:142 Resp: 18058
Ion Ratio Lower Upper
142 100
127 49.0 35.4 53.0
141 5.7 11.6 17.4#





#11
Tert butyl alcohol
Concen: 9.536 ug/l
RT: 5.390 min Scan# 1266
Delta R.T. 0.005 min
Lab File: VN069427.D
Acq: 9 Nov 2021 19:19

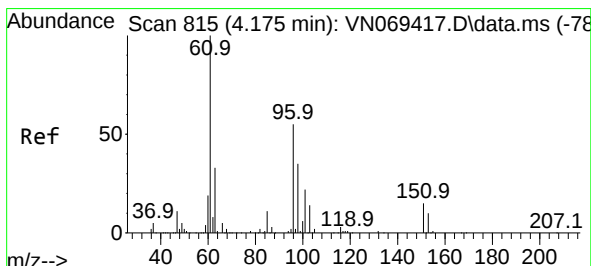
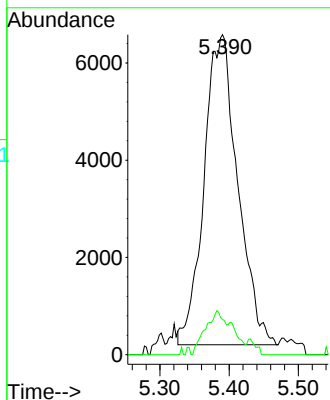
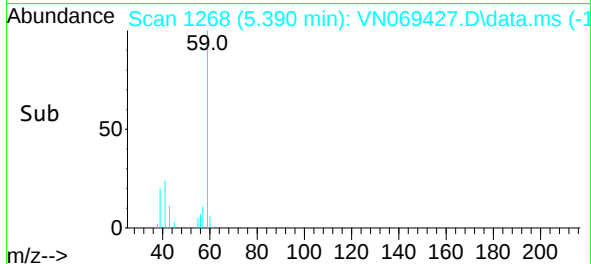
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT4-2021



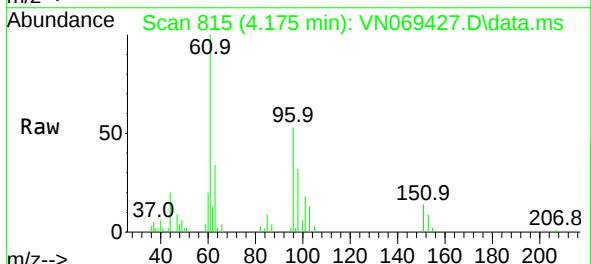
Tgt Ion: 59 Resp: 21539
Ion Ratio Lower Upper
59 100
57 8.4 8.7 13.1

Manual Integrations
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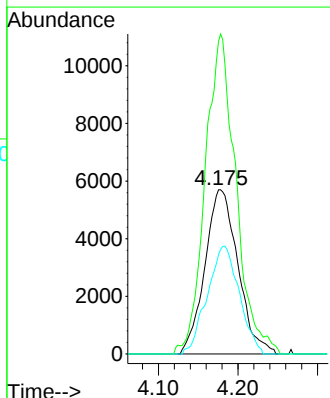
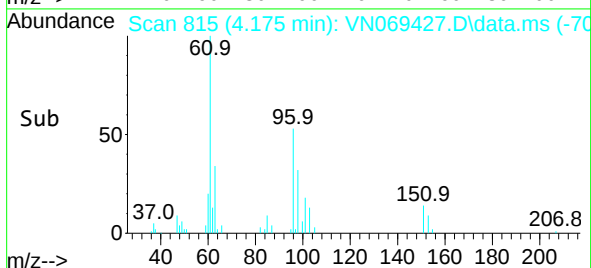
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/17/2021

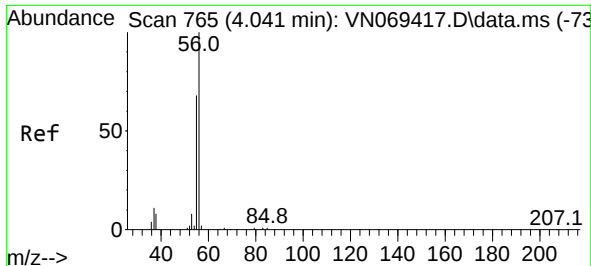


#12
1,1-Dichloroethene
Concen: 2.348 ug/l
RT: 4.175 min Scan# 815
Delta R.T. 0.000 min
Lab File: VN069427.D
Acq: 9 Nov 2021 19:19



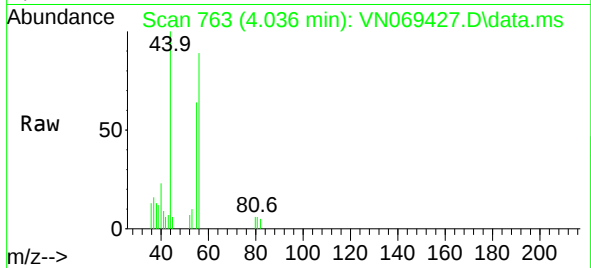
Tgt Ion: 96 Resp: 16455
Ion Ratio Lower Upper
96 100
61 187.8 131.0 196.6
98 60.4 52.4 78.6





#13
Acrolein
Concen: 18.472 ug/l m
RT: 4.036 min Scan# 763
Delta R.T. -0.005 min
Lab File: VN069427.D
Acq: 9 Nov 2021 19:19

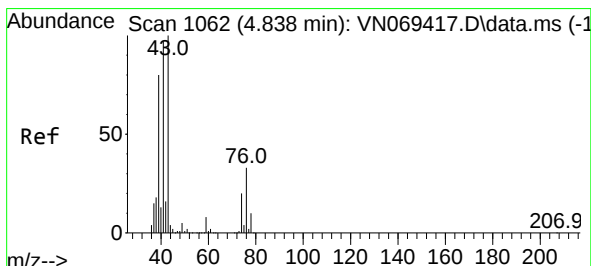
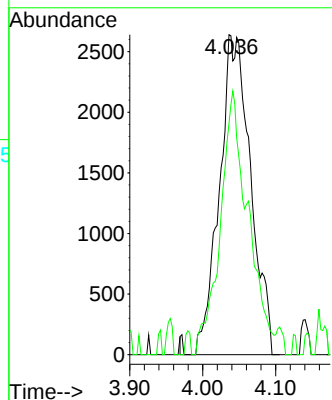
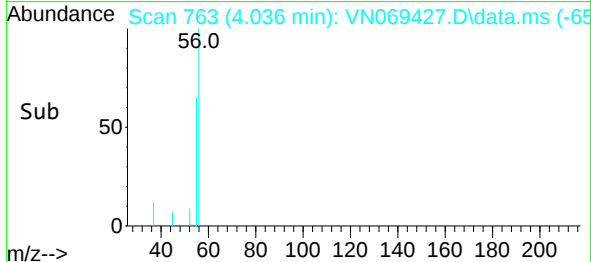
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



Tgt Ion: 56 Resp: 786
Ion Ratio Lower Upper
56 100
55 73.3 56.6 85.0

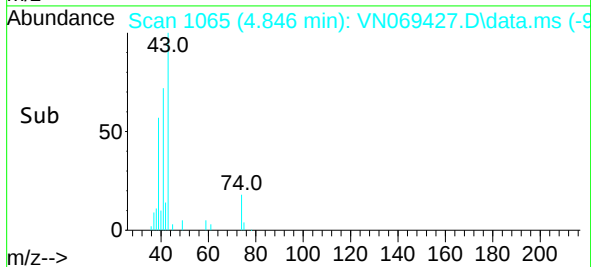
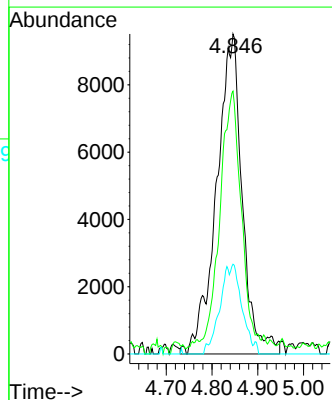
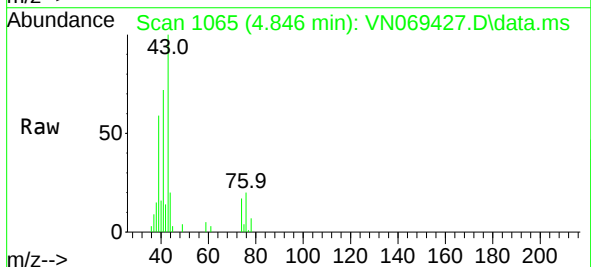
Manual Integrations
APPROVED

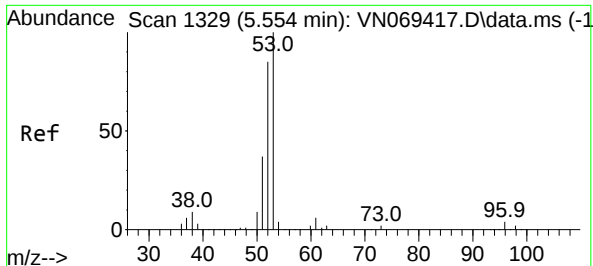
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/17/2021



#14
Allyl chloride
Concen: 2.395 ug/l m
RT: 4.846 min Scan# 1065
Delta R.T. 0.008 min
Lab File: VN069427.D
Acq: 9 Nov 2021 19:19

Tgt Ion: 41 Resp: 37103
Ion Ratio Lower Upper
41 100
39 63.9 61.2 91.8
76 11.0 26.0 39.0#





#15

Acrylonitrile

Concen: 11.371 ug/l

RT: 5.559 min Scan# 11

Delta R.T. 0.005 min

Lab File: VN069427.D

Acq: 9 Nov 2021 19:19

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2021

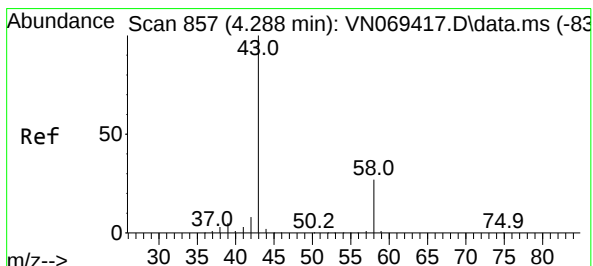
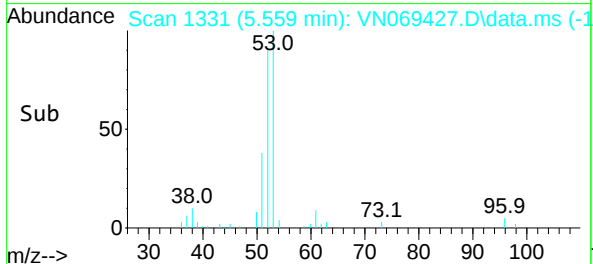
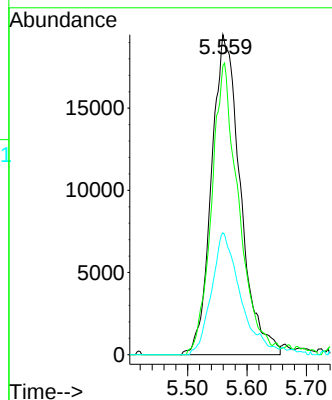
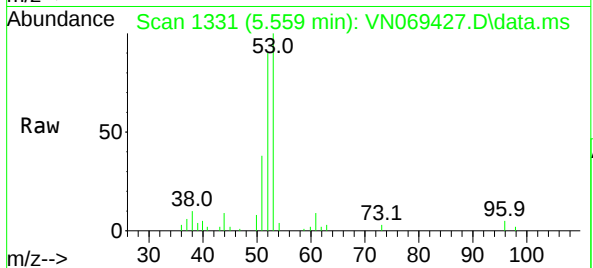
Tgt Ion: 53	Resp: 6577
Ion Ratio	Lower Upper
53 100	
52 85.1	66.2 99.2
51 37.7	29.6 44.4

Manual Integrations

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Reviewed By :John Carlone 11/11/2021

Supervised By :Semsettin Yesilyurt 11/17/2021



#16

Acetone

Concen: 10.244 ug/l

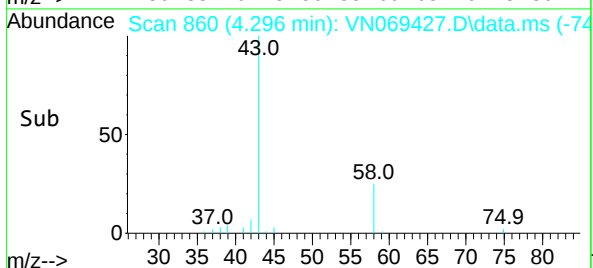
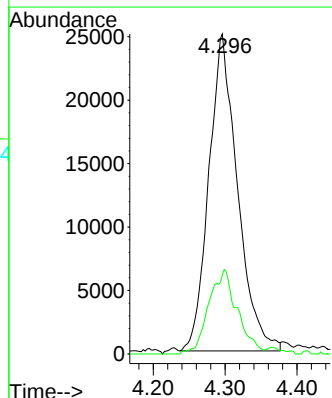
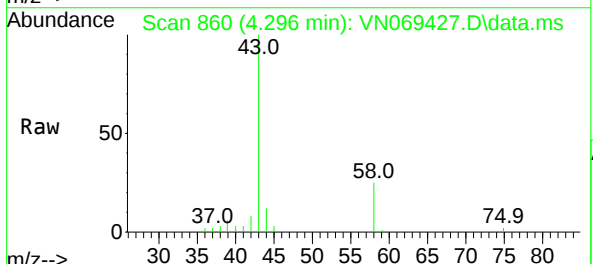
RT: 4.296 min Scan# 860

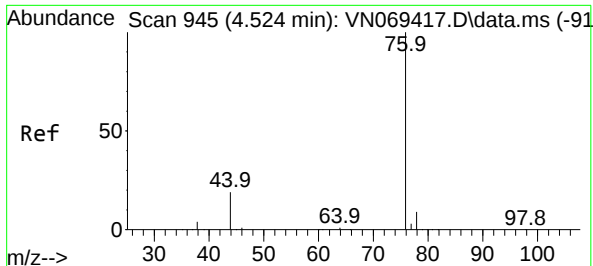
Delta R.T. 0.008 min

Lab File: VN069427.D

Acq: 9 Nov 2021 19:19

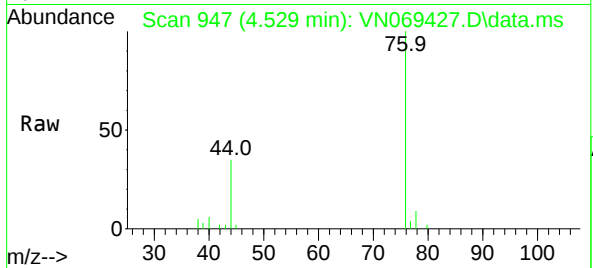
Tgt Ion: 43	Resp: 69284
Ion Ratio	Lower Upper
43 100	
58 24.9	23.1 34.7





#17
Carbon Disulfide
Concen: 2.070 ug/l
RT: 4.529 min Scan# 945
Delta R.T. 0.005 min
Lab File: VN069427.D
Acq: 9 Nov 2021 19:19

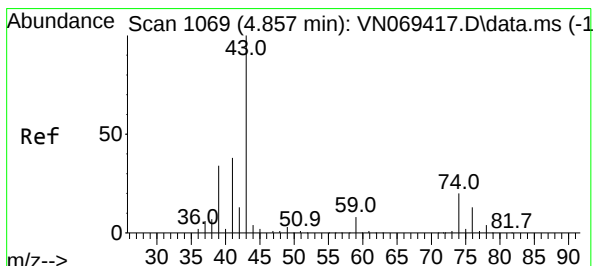
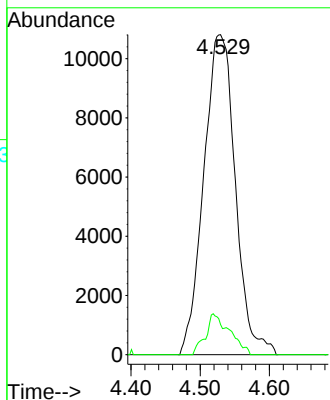
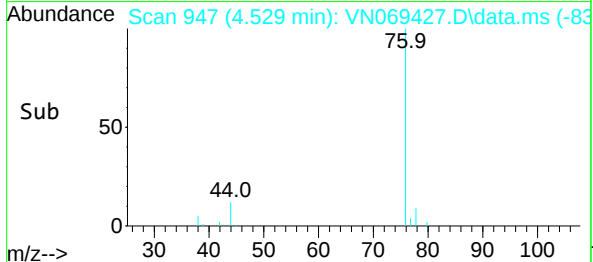
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



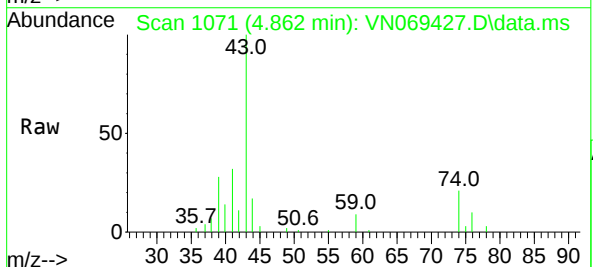
Tgt Ion: 76 Resp: 3429
Ion Ratio Lower Upper
76 100
78 9.4 7.5 11.3

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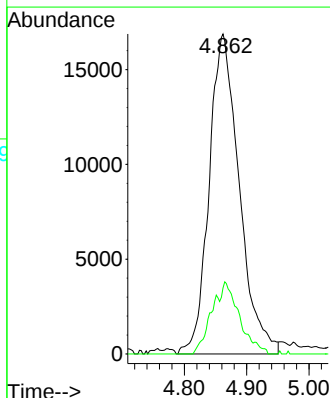
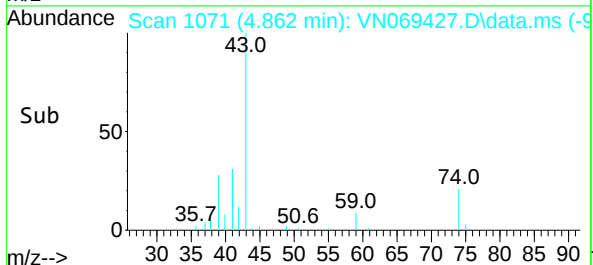
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/17/2021

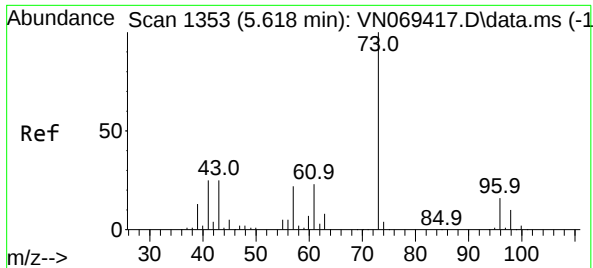


#18
Methyl Acetate
Concen: 2.581 ug/l
RT: 4.862 min Scan# 1071
Delta R.T. 0.005 min
Lab File: VN069427.D
Acq: 9 Nov 2021 19:19



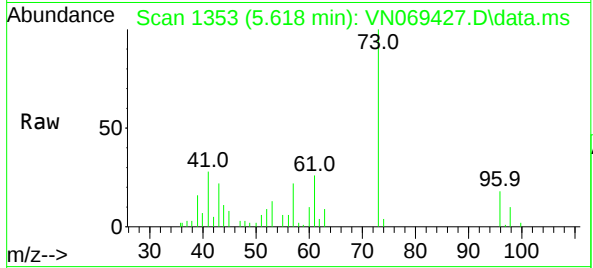
Tgt Ion: 43 Resp: 56751
Ion Ratio Lower Upper
43 100
74 13.4 19.4 29.2#





#19
Methyl tert-butyl Ether
Concen: 2.268 ug/l
RT: 5.618 min Scan# 1155
Delta R.T. 0.000 min
Lab File: VN069427.D
Acq: 9 Nov 2021 19:19

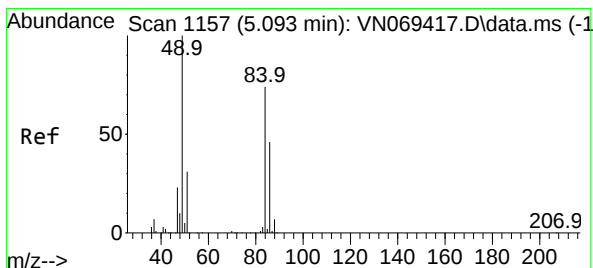
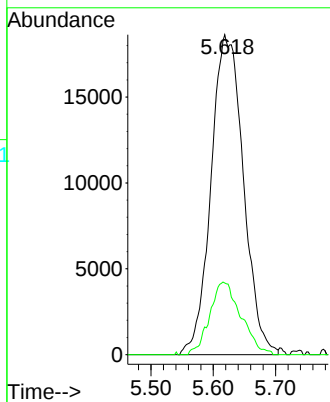
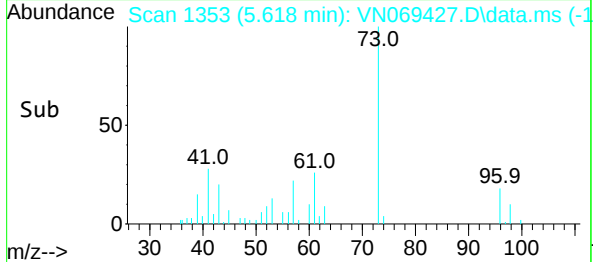
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



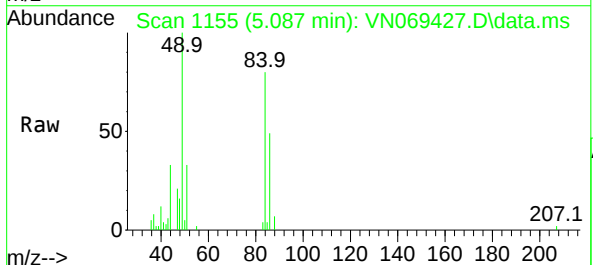
Tgt Ion: 73 Resp: 6725
Ion Ratio Lower Upper
73 100
57 22.4 16.8 25.2

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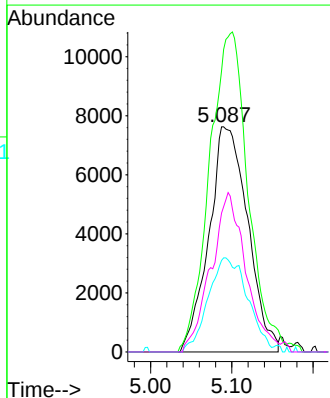
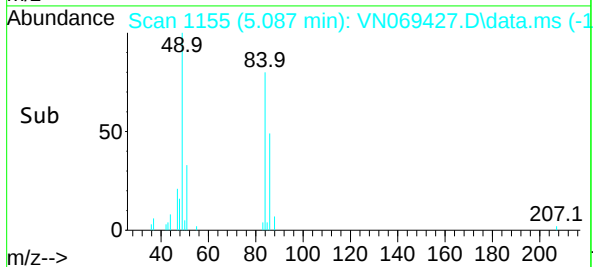
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/17/2021

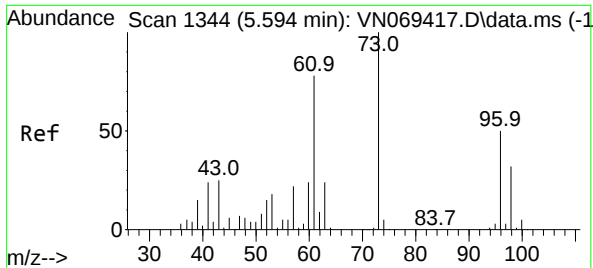


#20
Methylene Chloride
Concen: 2.642 ug/l
RT: 5.087 min Scan# 1155
Delta R.T. -0.006 min
Lab File: VN069427.D
Acq: 9 Nov 2021 19:19



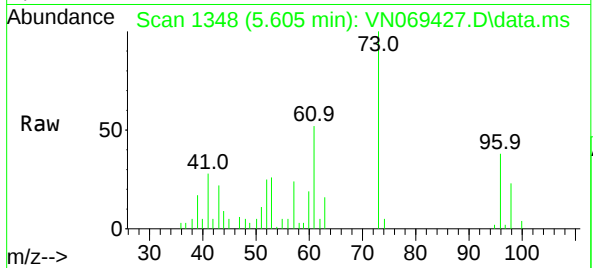
Tgt Ion: 84 Resp: 25335
Ion Ratio Lower Upper
84 100
49 124.9 93.5 140.3
51 40.6 29.4 44.2
86 61.7 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 2.239 ug/l m
RT: 5.605 min Scan# 1348
Delta R.T. 0.011 min
Lab File: VN069427.D
Acq: 9 Nov 2021 19:19

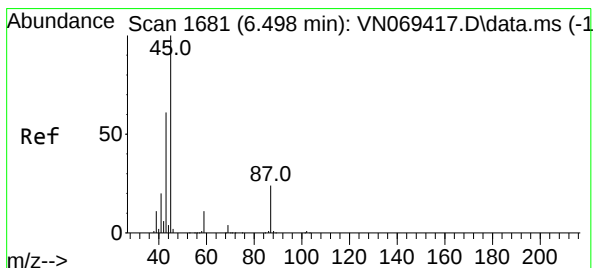
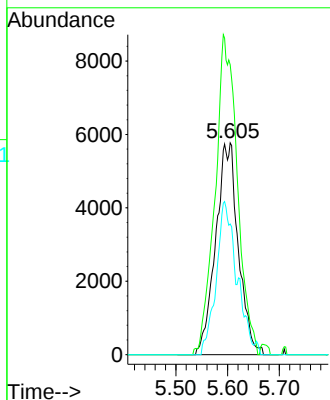
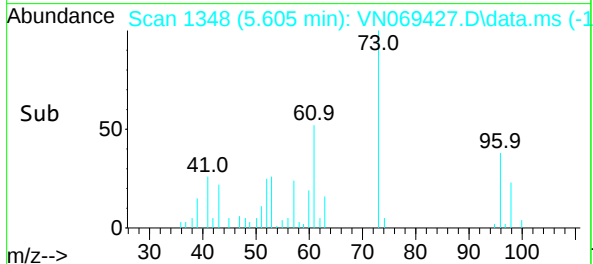
Instrument : MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



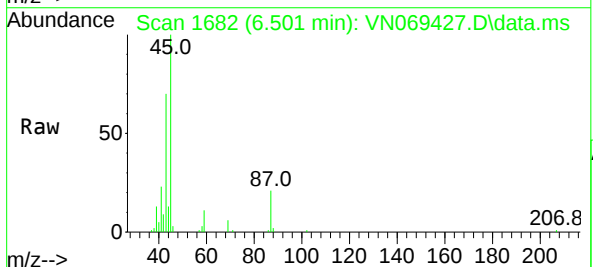
Tgt Ion: 96 Resp: 1752
Ion Ratio Lower Upper
96 100
61 136.8 105.8 158.6
98 61.7 52.0 78.0

Manual Integrations
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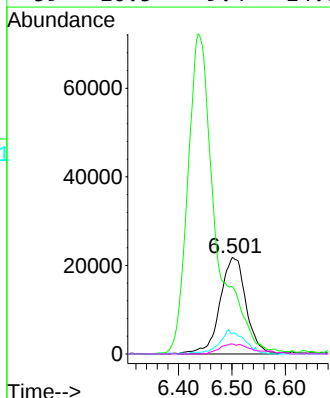
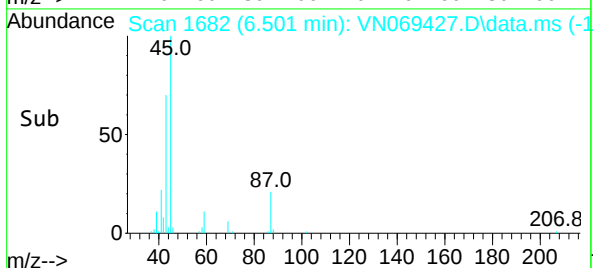
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/17/2021

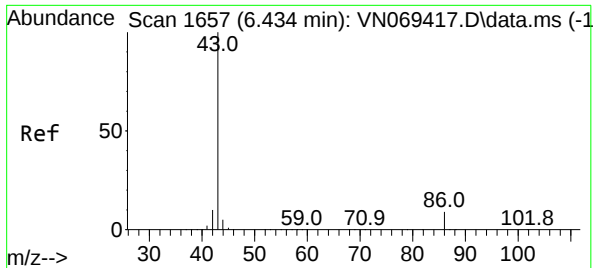


#22
Diisopropyl ether
Concen: 2.208 ug/l
RT: 6.501 min Scan# 1682
Delta R.T. 0.003 min
Lab File: VN069427.D
Acq: 9 Nov 2021 19:19



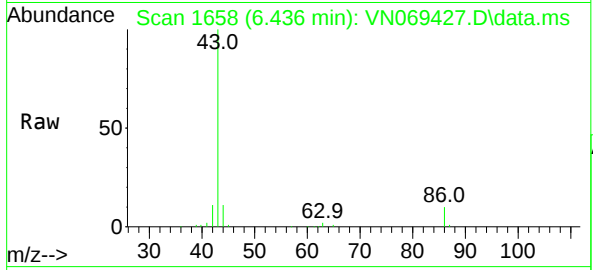
Tgt Ion: 45 Resp: 73684
Ion Ratio Lower Upper
45 100
43 66.4 51.7 77.5
87 21.3 23.2 34.8#
59 10.5 9.4 14.0





#23
 Vinyl Acetate
 Concen: 9.991 ug/l
 RT: 6.436 min Scan# 1658
 Delta R.T. 0.002 min
 Lab File: VN069427.D
 Acq: 9 Nov 2021 19:19

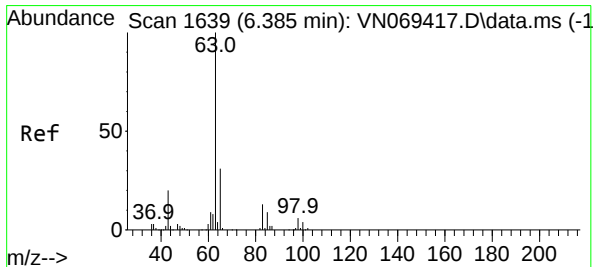
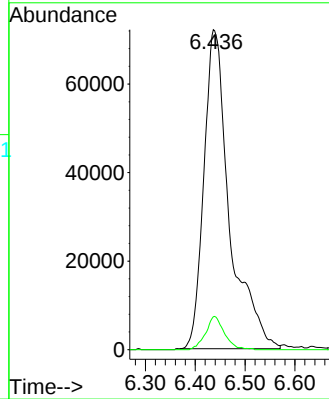
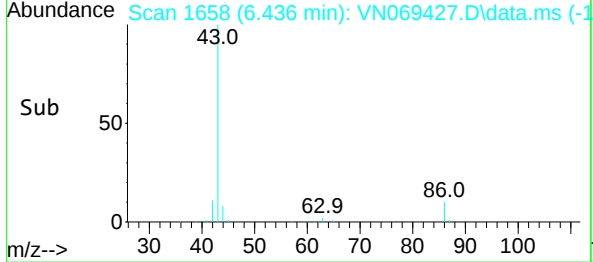
Instrument : MSVOA_N
 ClientSampleId : LOD-MDL-WATER-01-QT4-2021



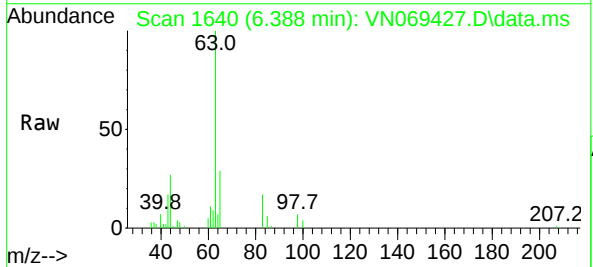
Tgt Ion: 43 Resp: 25786
 Ion Ratio Lower Upper
 43 100
 86 10.3 8.5 12.7

Manual Integrations
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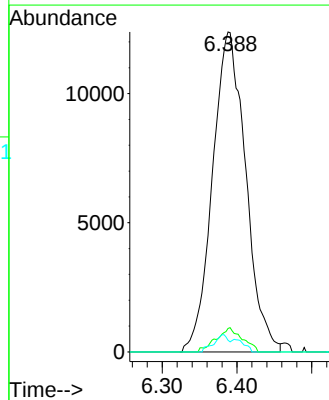
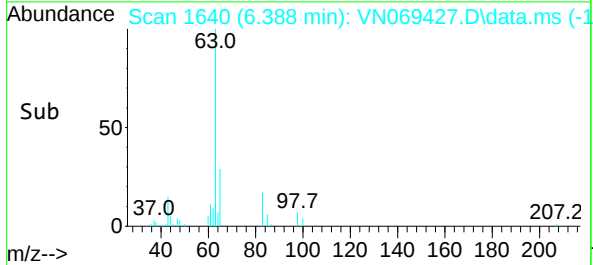
Reviewed By :John Carlone 11/11/2021
 Supervised By :Semsettin Yesilyurt 11/17/2021

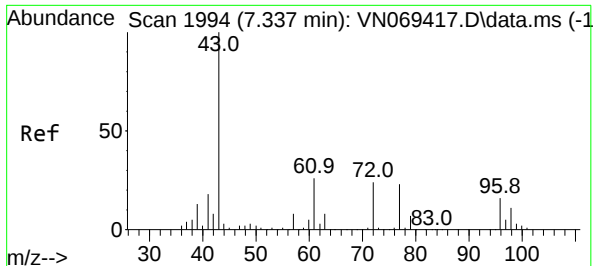


#24
 1,1-Dichloroethane
 Concen: 2.242 ug/l
 RT: 6.388 min Scan# 1640
 Delta R.T. 0.003 min
 Lab File: VN069427.D
 Acq: 9 Nov 2021 19:19



Tgt Ion: 63 Resp: 38110
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.3 9.9
 100 3.6 2.1 6.5





#25

2-Butanone

Concen: 10.622 ug/l

RT: 7.343 min Scan# 1996

Delta R.T. 0.006 min

Lab File: VN069427.D

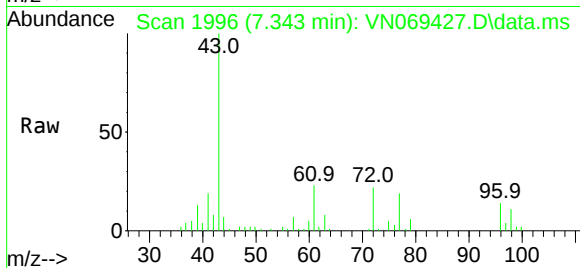
Acq: 9 Nov 2021 19:19

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2021



Tgt Ion: 43 Resp: 97275

Ion Ratio Lower Upper

43 100

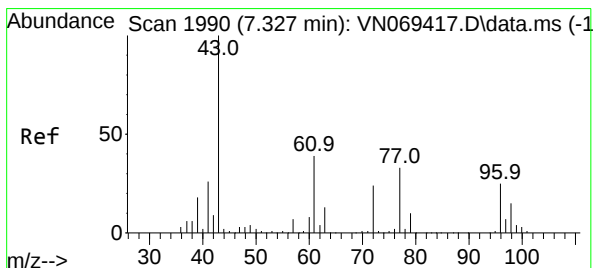
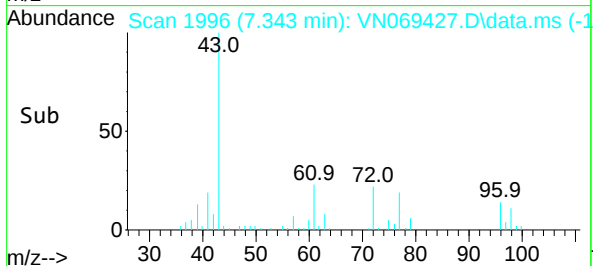
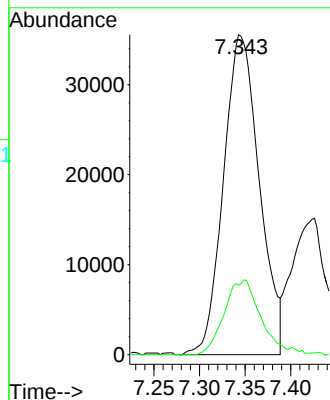
72 21.7 21.7 32.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2021

Supervised By :Semsettin Yesilyurt 11/17/2021



#26

2,2-Dichloropropane

Concen: 1.997 ug/l

RT: 7.327 min Scan# 1990

Delta R.T. -0.000 min

Lab File: VN069427.D

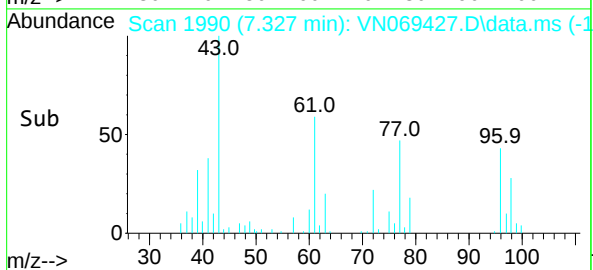
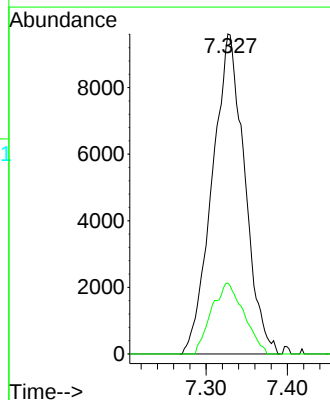
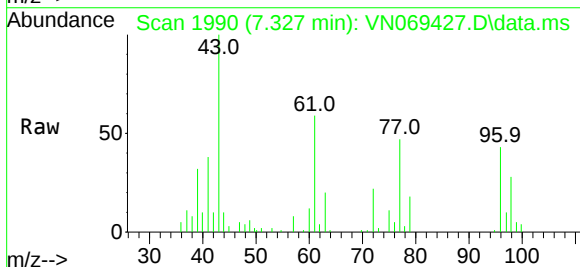
Acq: 9 Nov 2021 19:19

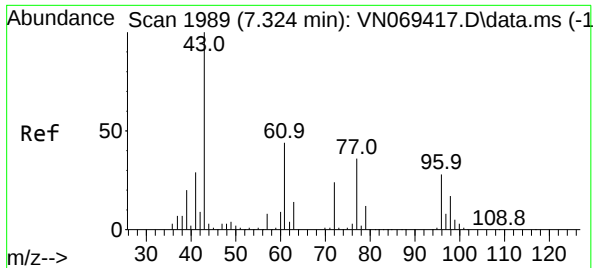
Tgt Ion: 77 Resp: 26559

Ion Ratio Lower Upper

77 100

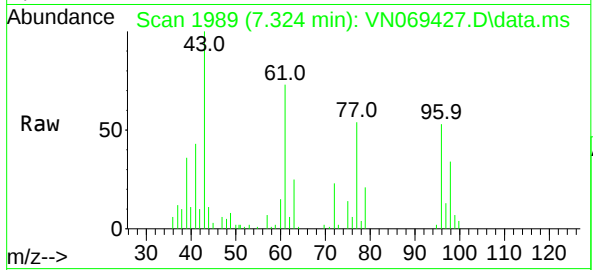
97 22.1 11.6 34.8





#27
 cis-1,2-Dichloroethene
 Concen: 2.215 ug/l
 RT: 7.324 min Scan# 1989
 Delta R.T. 0.000 min
 Lab File: VN069427.D
 Acq: 9 Nov 2021 19:19

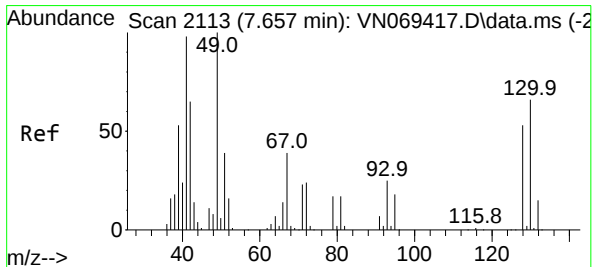
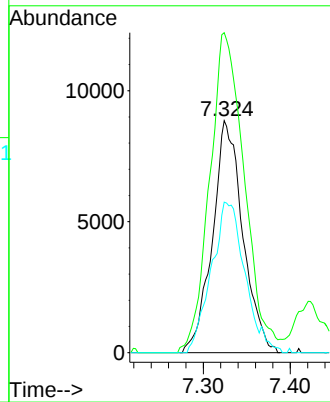
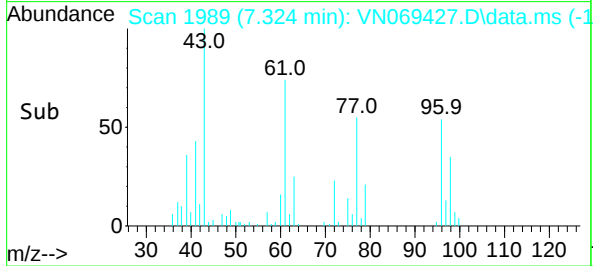
Instrument : MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2021



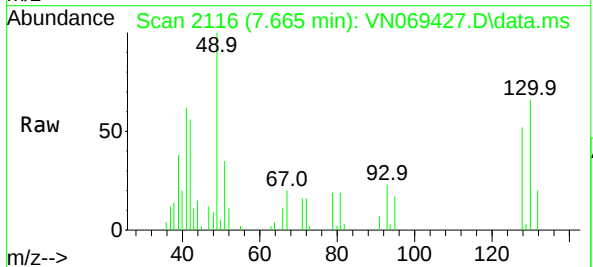
Tgt Ion: 96 Resp: 21494
 Ion Ratio Lower Upper
 96 100
 61 157.6 0.0 275.0
 98 71.8 0.0 129.6

Manual Integrations
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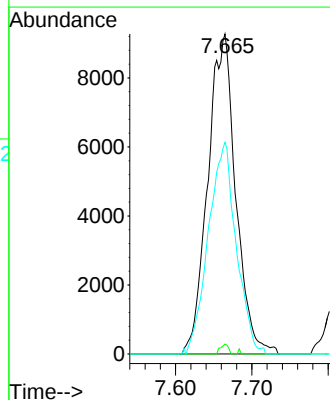
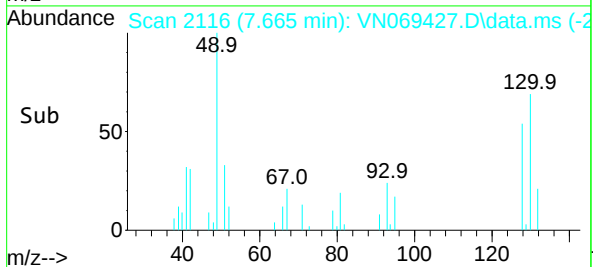
Reviewed By :John Carlone 11/11/2021
 Supervised By :Semsettin Yesilyurt 11/17/2021

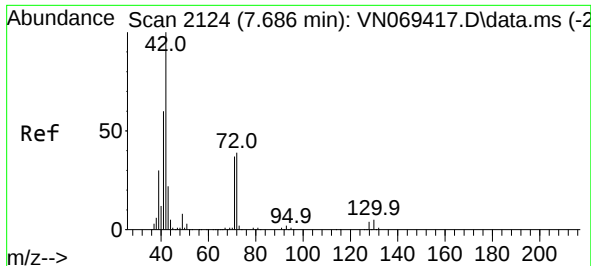


#28
 Bromochloromethane
 Concen: 2.712 ug/l
 RT: 7.665 min Scan# 2116
 Delta R.T. 0.008 min
 Lab File: VN069427.D
 Acq: 9 Nov 2021 19:19



Tgt Ion: 49 Resp: 23602
 Ion Ratio Lower Upper
 49 100
 129 0.9 0.0 4.0
 130 65.9 67.8 101.8#





#29

Tetrahydrofuran

Concen: 11.054 ug/l

RT: 7.694 min Scan# 2124

Delta R.T. 0.008 min

Lab File: VN069427.D

Acq: 9 Nov 2021 19:19

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2021

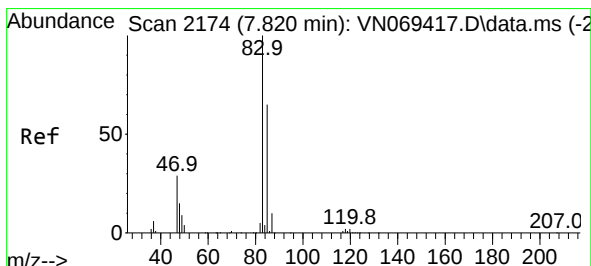
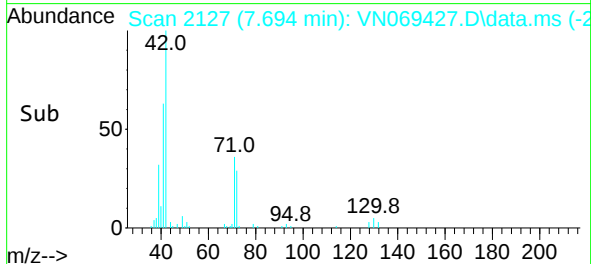
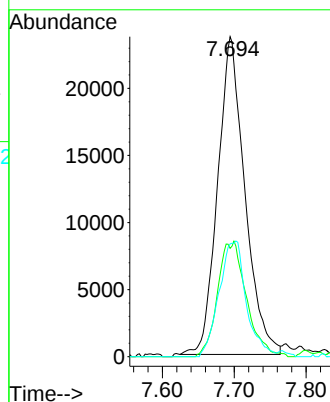
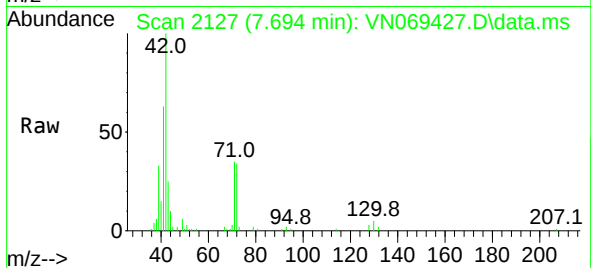
Tgt Ion:	42	Resp:	62125
Ion	Ratio	Lower	Upper
42	100		
72	17.7	36.3	54.5
71	36.4	34.7	52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2021

Supervised By :Semsettin Yesilyurt 11/17/2021



#30

Chloroform

Concen: 2.203 ug/l

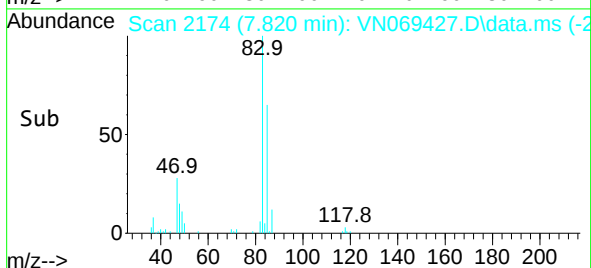
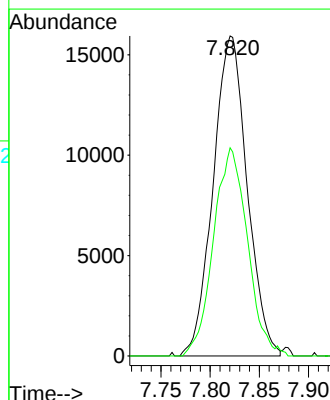
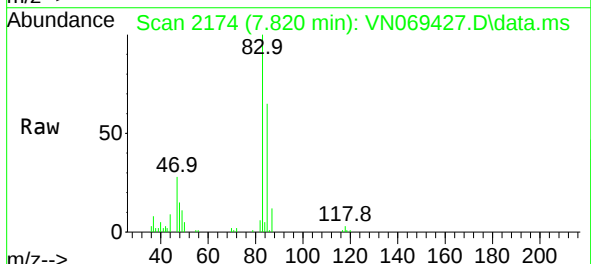
RT: 7.820 min Scan# 2174

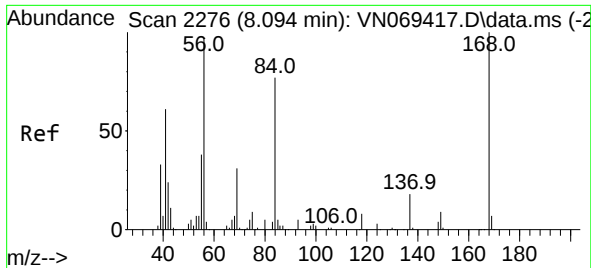
Delta R.T. 0.000 min

Lab File: VN069427.D

Acq: 9 Nov 2021 19:19

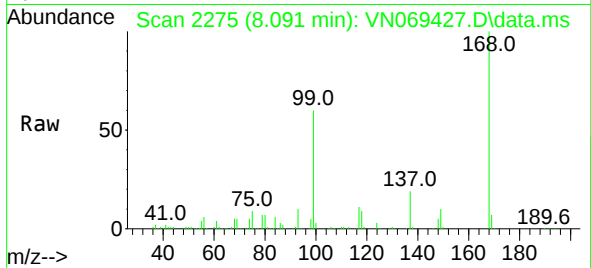
Tgt Ion:	83	Resp:	38386
Ion	Ratio	Lower	Upper
83	100		
85	65.1	51.9	77.9





#31
Cyclohexane
Concen: 3.430 ug/l
RT: 8.091 min Scan# 2275
Delta R.T. -0.003 min
Lab File: VN069427.D
Acq: 9 Nov 2021 19:19

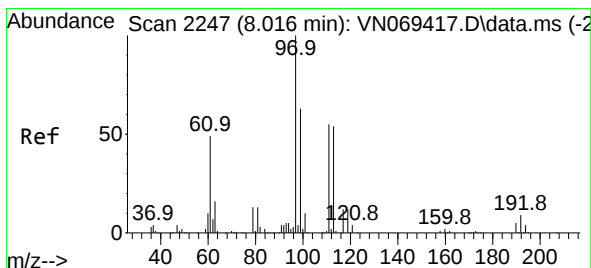
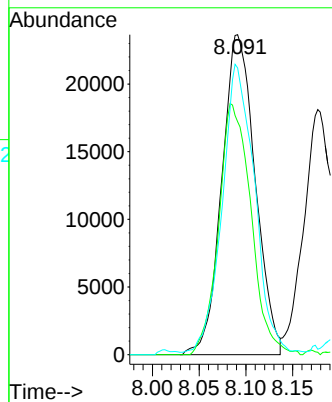
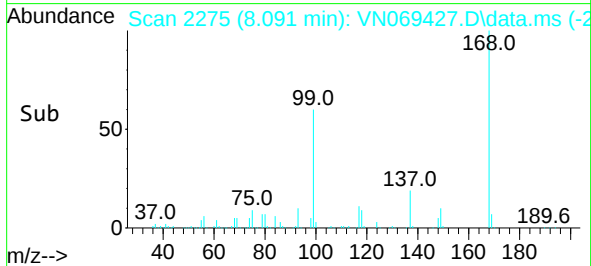
Instrument : MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



Tgt Ion: 56 Resp: 58745
Ion Ratio Lower Upper
56 100
69 72.8 27.1 40.7
84 88.8 73.4 110.0

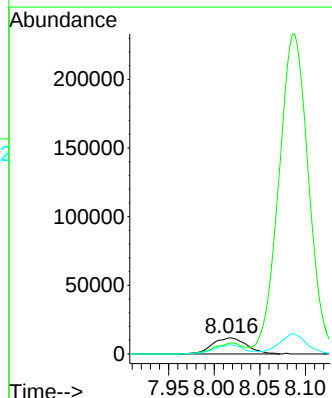
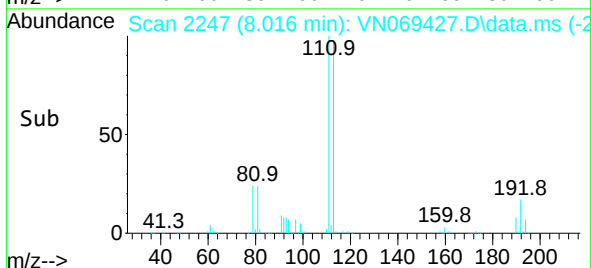
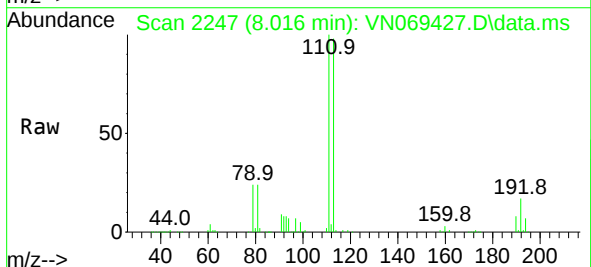
Manual Integrations
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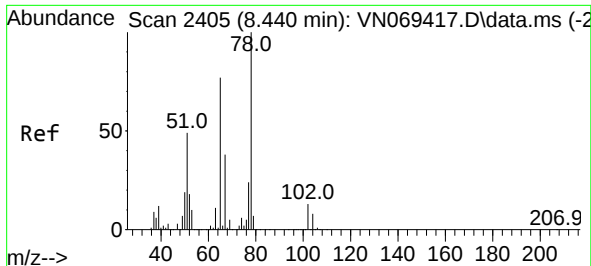
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/17/2021



#32
1,1,1-Trichloroethane
Concen: 2.110 ug/l
RT: 8.016 min Scan# 2247
Delta R.T. -0.000 min
Lab File: VN069427.D
Acq: 9 Nov 2021 19:19

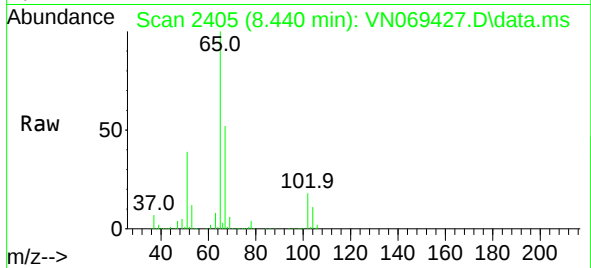
Tgt Ion: 97 Resp: 30685
Ion Ratio Lower Upper
97 100
99 61.1 50.1 75.1
61 50.4 35.2 52.8





#33
 1,2-Dichloroethane-d4
 Concen: 57.473 ug/l
 RT: 8.440 min Scan# 2405
 Delta R.T. -0.000 min
 Lab File: VN069427.D
 Acq: 9 Nov 2021 19:19

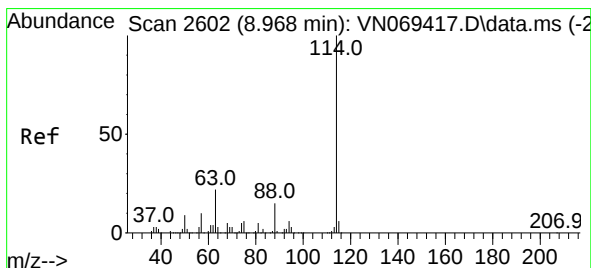
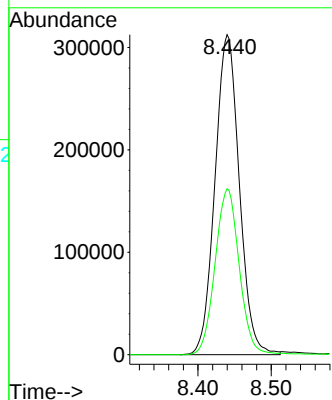
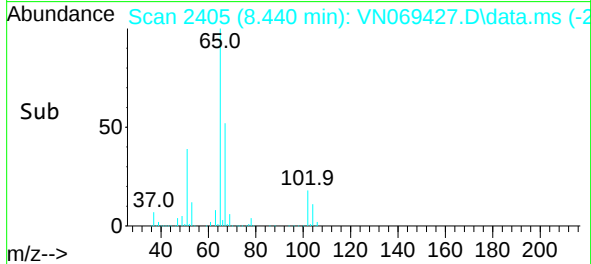
Instrument : MSVOA_N
 ClientSampleId : LOD-MDL-WATER-01-QT4-2021



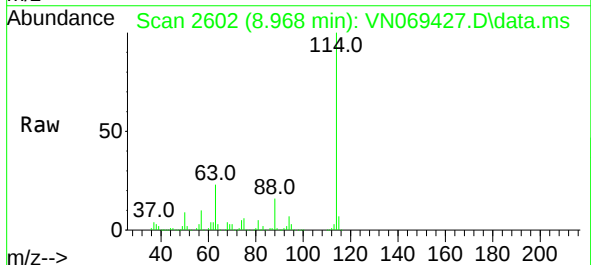
Tgt Ion: 65 Resp: 72043
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 103.0

Manual Integrations
 APPROVED

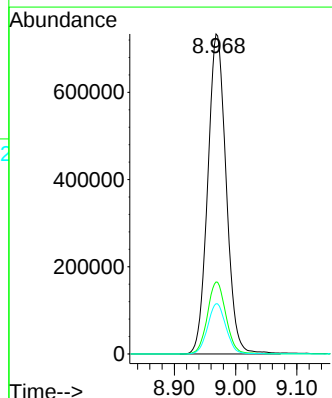
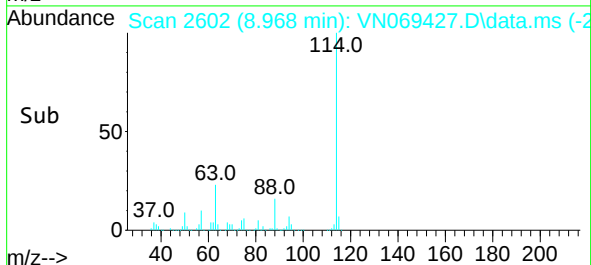
Reviewed By :John Carlone 11/11/2021
 Supervised By :Semsettin Yesilyurt 11/17/2021

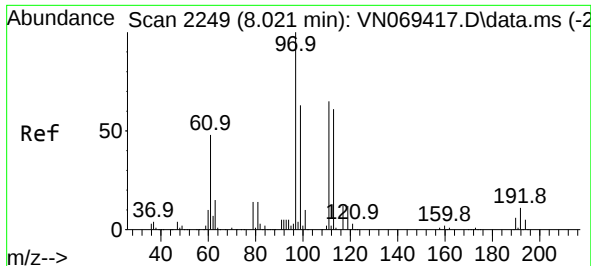


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.968 min Scan# 2602
 Delta R.T. 0.000 min
 Lab File: VN069427.D
 Acq: 9 Nov 2021 19:19



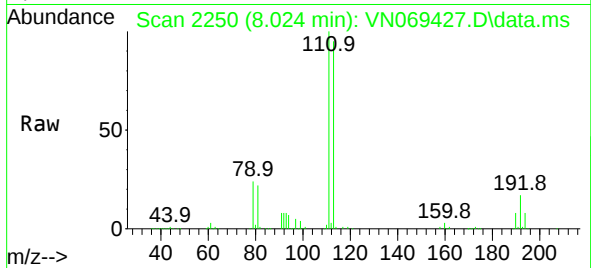
Tgt Ion:114 Resp: 1531581
 Ion Ratio Lower Upper
 114 100
 63 22.5 0.0 37.8
 88 15.7 0.0 27.4





#35
Dibromofluoromethane
Concen: 51.449 ug/l
RT: 8.024 min Scan# 2113
Delta R.T. 0.003 min
Lab File: VN069427.D
Acq: 9 Nov 2021 19:19

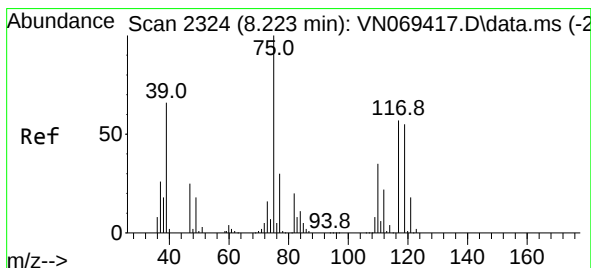
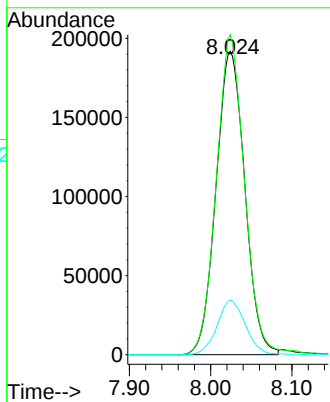
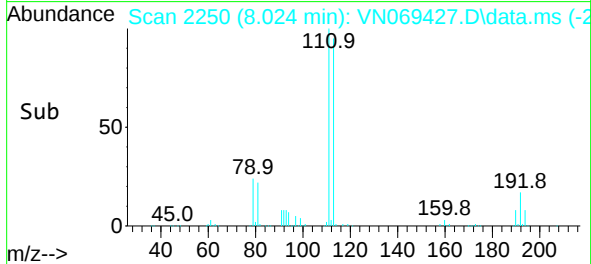
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



Tgt Ion:113 Resp: 472590
Ion Ratio Lower Upper
113 100
111 103.6 82.2 123.2
192 17.7 16.9 25.3

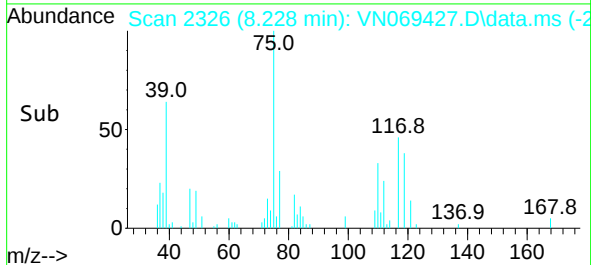
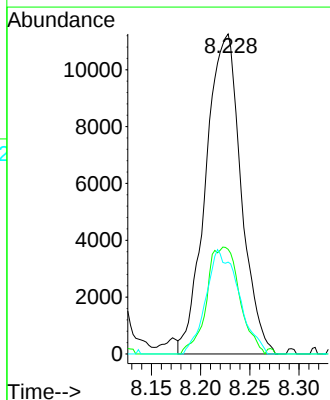
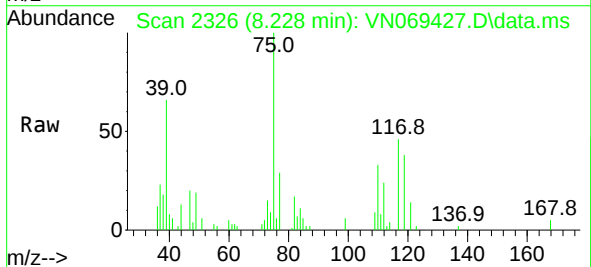
Manual Integrations
APPROVED

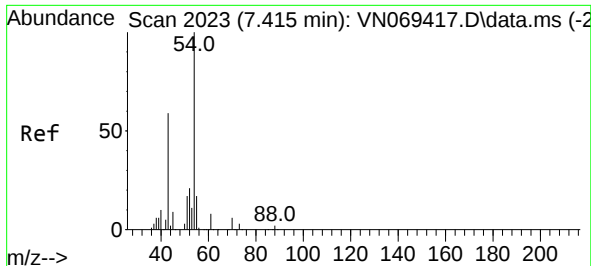
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/17/2021



#36
1,1-Dichloropropene
Concen: 2.178 ug/l
RT: 8.228 min Scan# 2326
Delta R.T. 0.005 min
Lab File: VN069427.D
Acq: 9 Nov 2021 19:19

Tgt Ion: 75 Resp: 28065
Ion Ratio Lower Upper
75 100
110 31.2 18.4 55.2
77 30.5 24.4 36.6





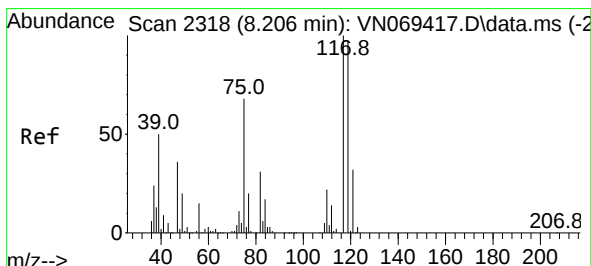
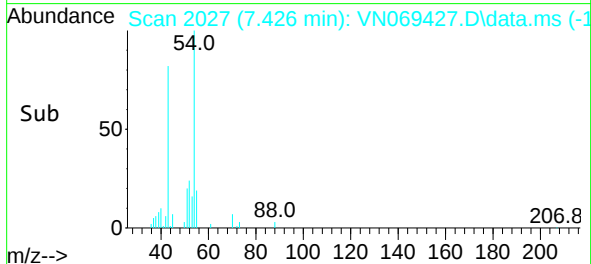
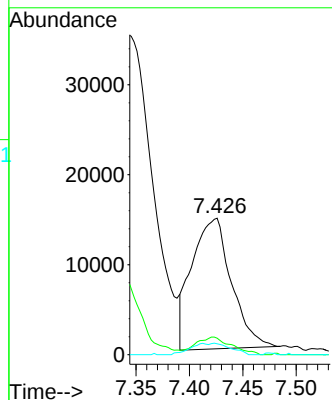
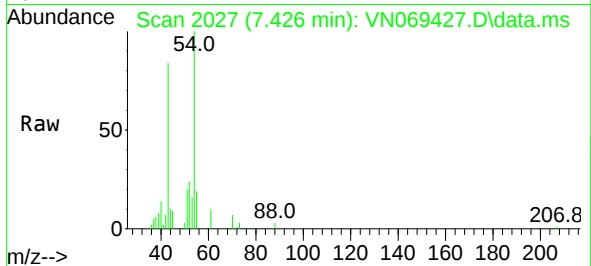
#37
Ethyl Acetate
Concen: 2.140 ug/l
RT: 7.426 min Scan# 2023
Delta R.T. 0.011 min
Lab File: VN069427.D
Acq: 9 Nov 2021 19:19

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021

Tgt Ion: 43 Resp: 37280
Ion Ratio Lower Upper
43 100
61 12.1 11.5 17.3
70 4.2 7.9 11.9

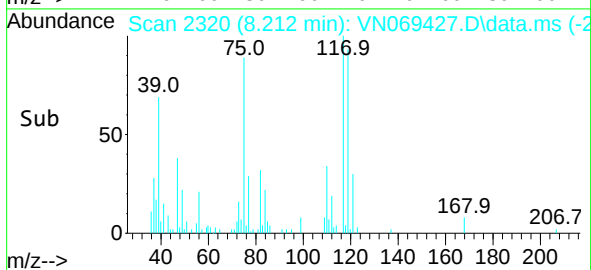
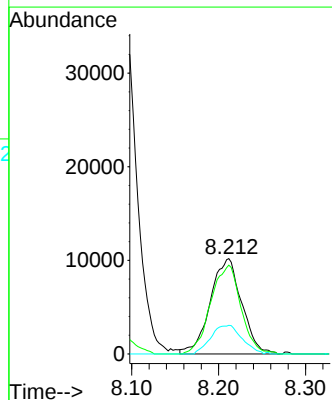
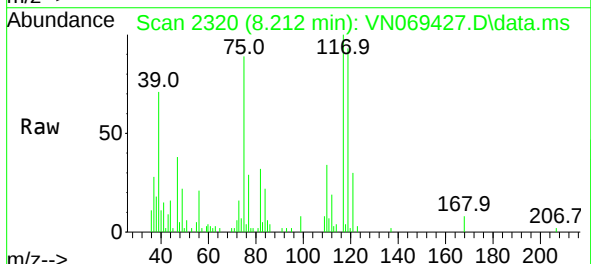
Manual Integrations
APPROVED

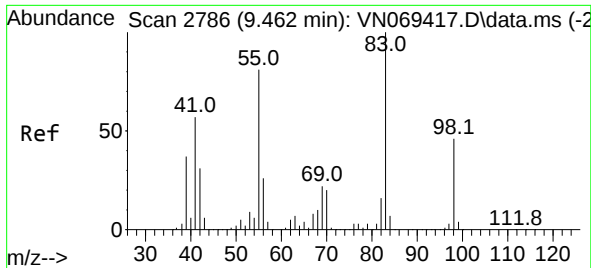
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/17/2021



#38
Carbon Tetrachloride
Concen: 2.055 ug/l
RT: 8.212 min Scan# 2320
Delta R.T. 0.006 min
Lab File: VN069427.D
Acq: 9 Nov 2021 19:19

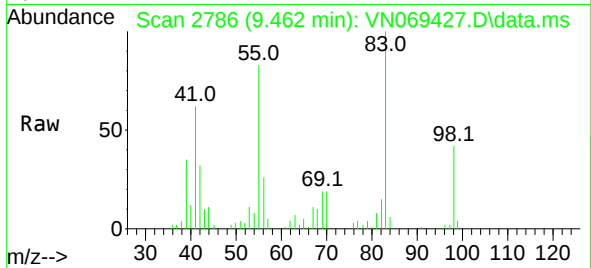
Tgt Ion:117 Resp: 25570
Ion Ratio Lower Upper
117 100
119 93.1 76.1 114.1
121 30.0 24.2 36.2





#39
Methylcyclohexane
Concen: 1.970 ug/l
RT: 9.462 min Scan# 2158
Delta R.T. -0.000 min
Lab File: VN069427.D
Acq: 9 Nov 2021 19:19

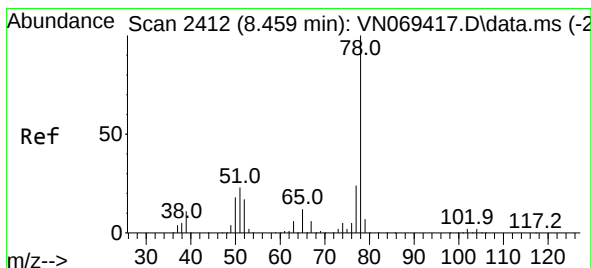
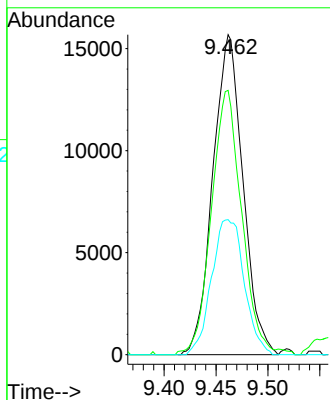
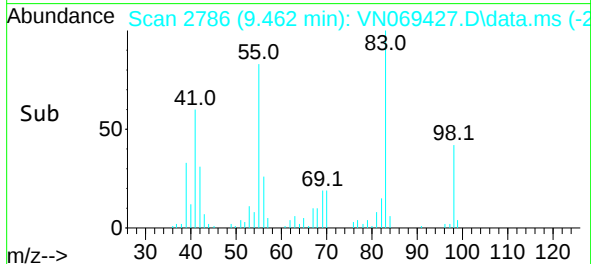
Instrument : MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



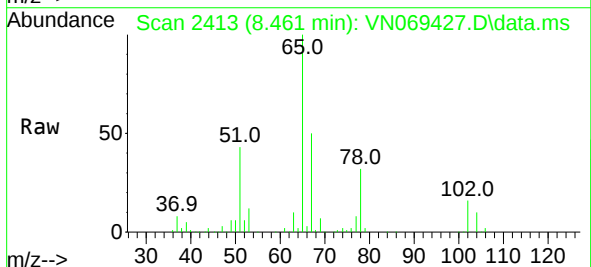
Tgt Ion: 83 Resp: 3158
Ion Ratio Lower Upper
83 100
55 81.6 58.1 87.1
98 42.2 38.4 57.6

Manual Integrations
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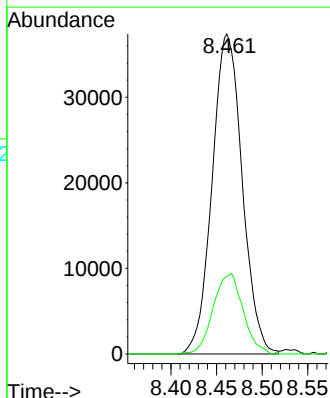
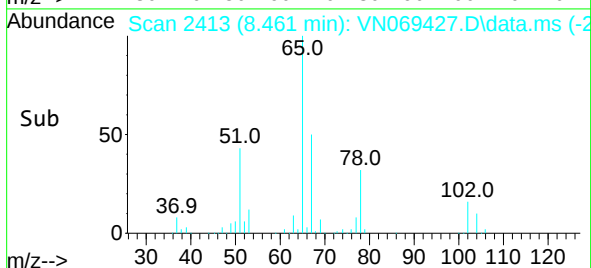
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/17/2021

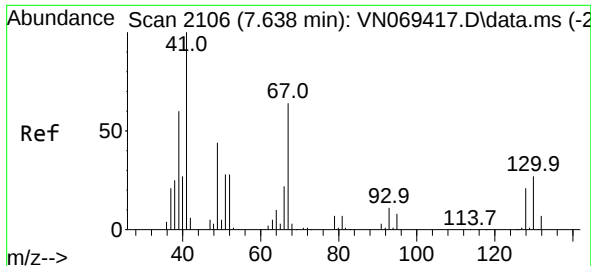


#40
Benzene
Concen: 2.155 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.002 min
Lab File: VN069427.D
Acq: 9 Nov 2021 19:19



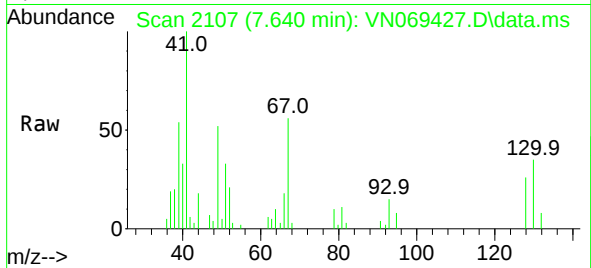
Tgt Ion: 78 Resp: 85707
Ion Ratio Lower Upper
78 100
77 24.2 18.6 27.8





#41
Methacrylonitrile
Concen: 1.979 ug/l
RT: 7.640 min Scan# 2106
Delta R.T. 0.002 min
Lab File: VN069427.D
Acq: 9 Nov 2021 19:19

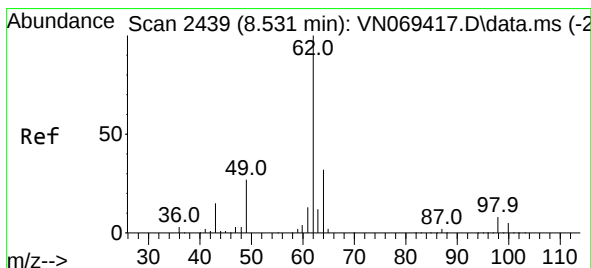
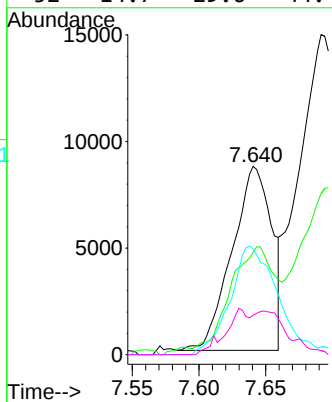
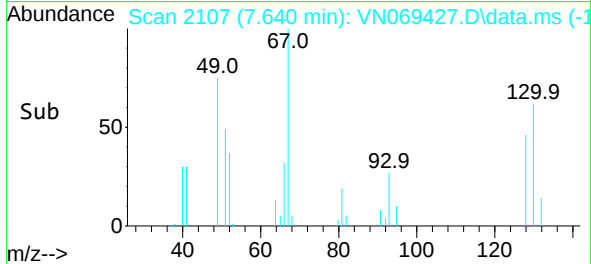
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT4-2021



Tgt Ion: 41 Resp: 1781
Ion Ratio Lower Upper
41 100
39 63.6 48.1 72.1
67 72.1 68.3 102.5
52 14.7 29.6 44.4

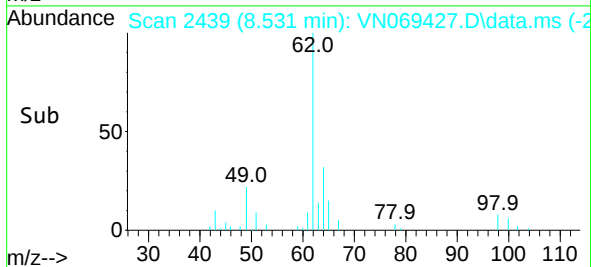
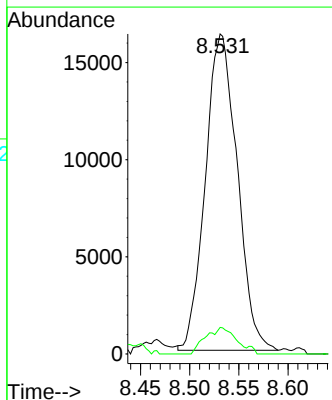
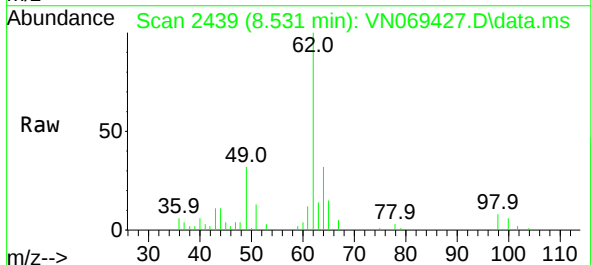
Manual Integrations
APPROVED

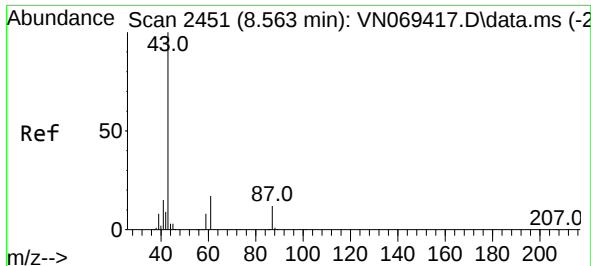
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/17/2021



#42
1,2-Dichloroethane
Concen: 2.361 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. -0.000 min
Lab File: VN069427.D
Acq: 9 Nov 2021 19:19

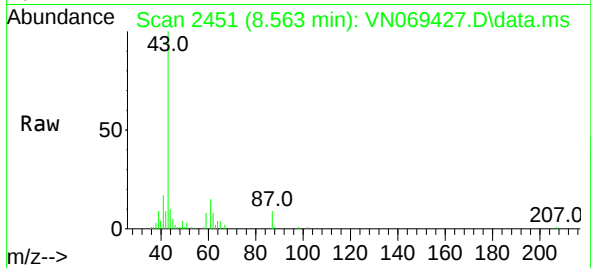
Tgt Ion: 62 Resp: 36769
Ion Ratio Lower Upper
62 100
98 7.7 0.0 17.6





#43
Isopropyl Acetate
Concen: 2.129 ug/l
RT: 8.563 min Scan# 2451
Delta R.T. 0.000 min
Lab File: VN069427.D
Acq: 9 Nov 2021 19:19

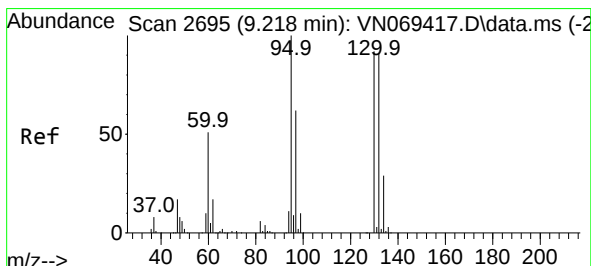
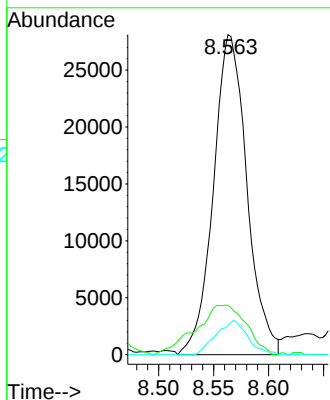
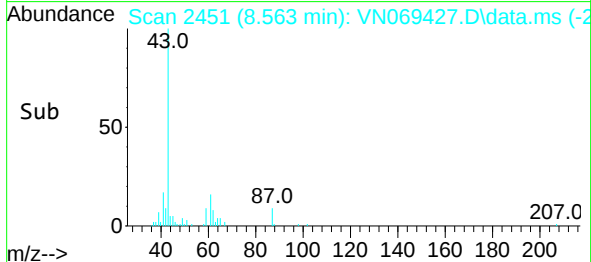
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT4-2021



Tgt Ion: 43 Resp: 59560
Ion Ratio Lower Upper
43 100
61 23.3 20.4 30.6
87 10.1 11.2 16.8

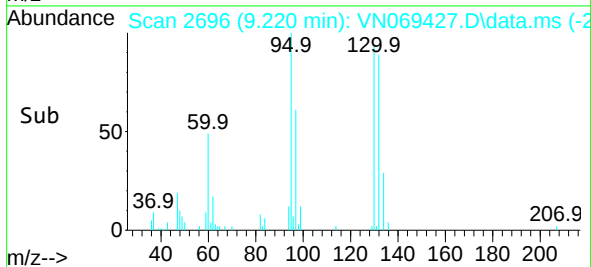
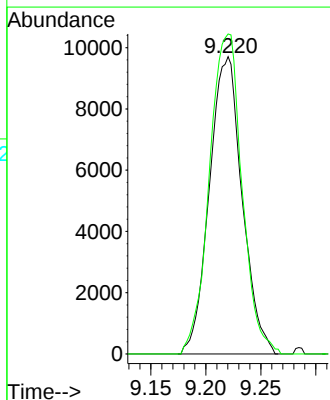
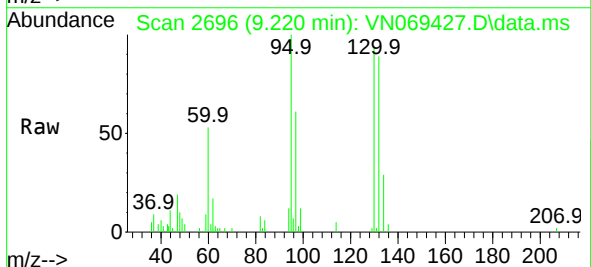
Manual Integrations
APPROVED

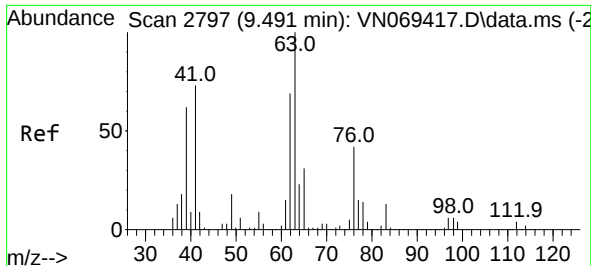
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/17/2021



#44
Trichloroethene
Concen: 2.113 ug/l
RT: 9.220 min Scan# 2696
Delta R.T. 0.002 min
Lab File: VN069427.D
Acq: 9 Nov 2021 19:19

Tgt Ion:130 Resp: 20116
Ion Ratio Lower Upper
130 100
95 107.6 0.0 191.2





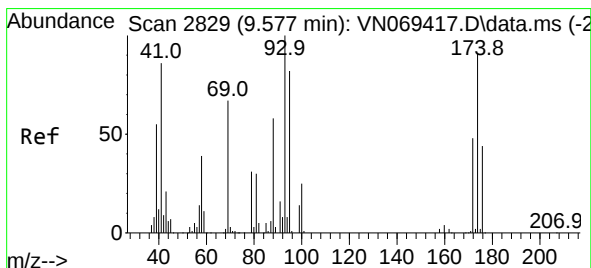
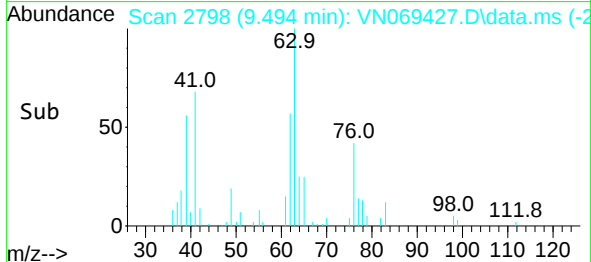
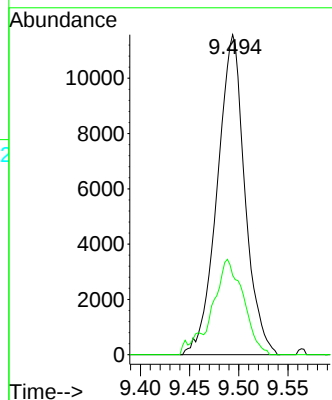
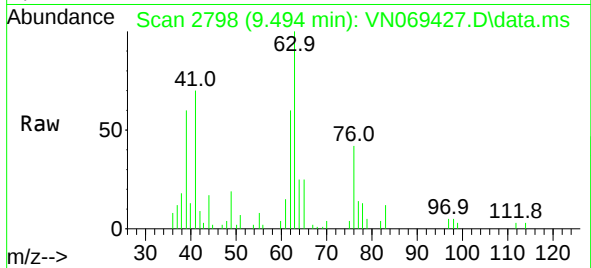
#45
1,2-Dichloropropane
Concen: 2.132 ug/l
RT: 9.494 min Scan# 21
Delta R.T. 0.003 min
Lab File: VN069427.D
Acq: 9 Nov 2021 19:19

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021

Tgt Ion: 63 Resp: 22660
Ion Ratio Lower Upper
63 100
65 24.8 24.7 37.1

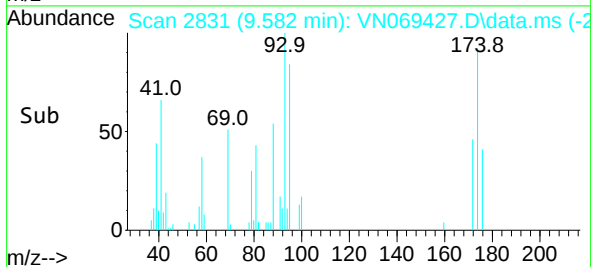
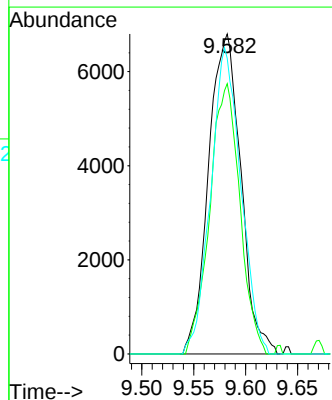
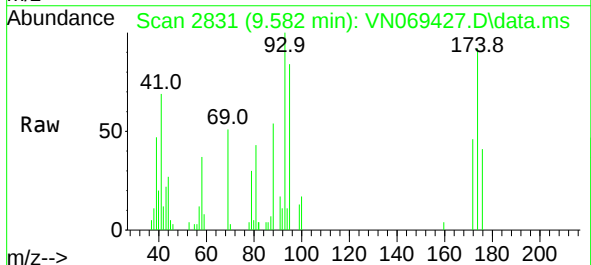
Manual Integrations
APPROVED

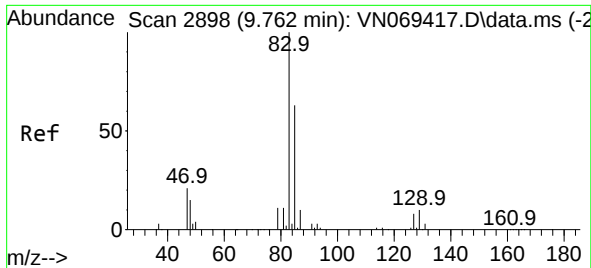
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/17/2021



#46
Dibromomethane
Concen: 2.064 ug/l
RT: 9.582 min Scan# 2831
Delta R.T. 0.005 min
Lab File: VN069427.D
Acq: 9 Nov 2021 19:19

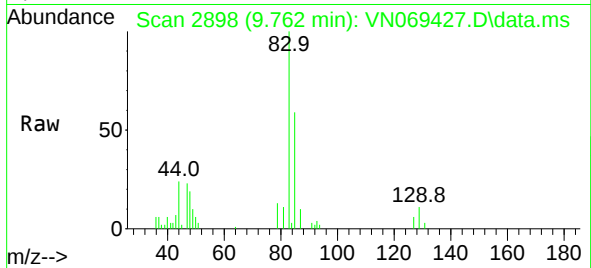
Tgt Ion: 93 Resp: 14693
Ion Ratio Lower Upper
93 100
95 78.9 65.9 98.9
174 89.6 84.6 127.0





#47
Bromodichloromethane
Concen: 1.873 ug/l
RT: 9.762 min Scan# 2898
Delta R.T. -0.000 min
Lab File: VN069427.D
Acq: 9 Nov 2021 19:19

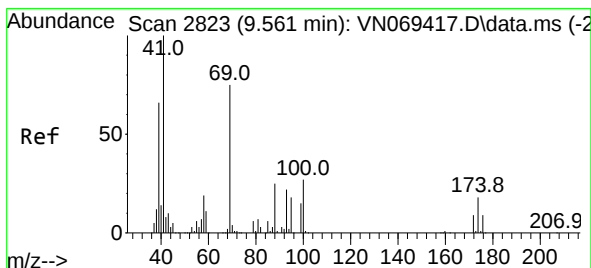
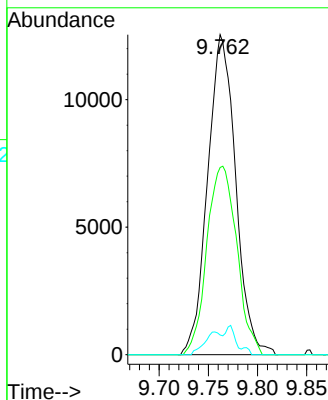
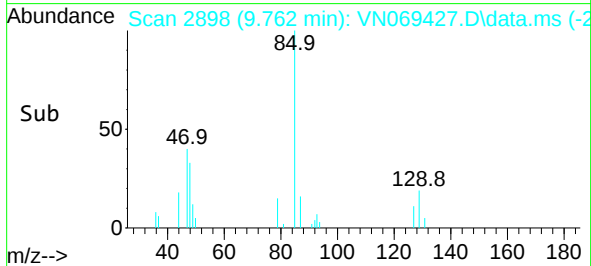
Instrument : MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



Tgt Ion: 83 Resp: 24880
Ion Ratio Lower Upper
83 100
85 58.5 50.9 76.3
127 6.2 7.1 10.7

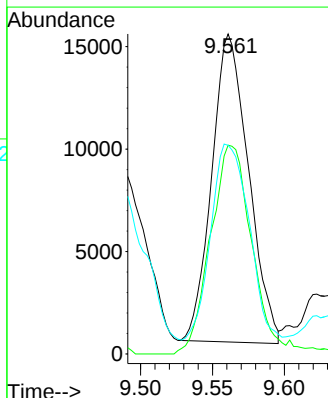
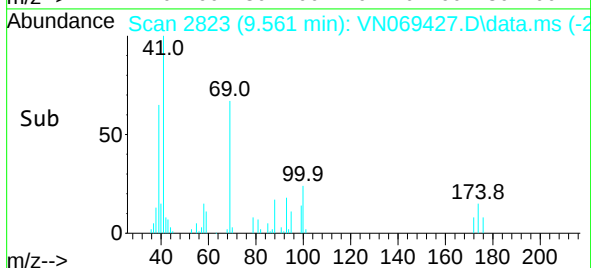
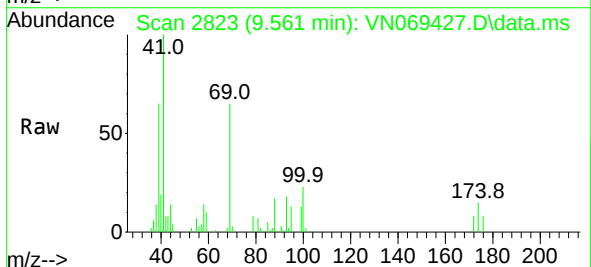
Manual Integrations
APPROVED

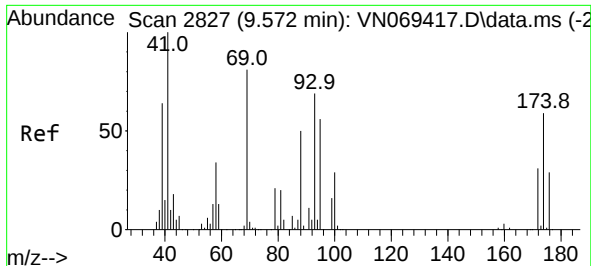
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/17/2021



#48
Methyl methacrylate
Concen: 2.031 ug/l
RT: 9.561 min Scan# 2823
Delta R.T. -0.000 min
Lab File: VN069427.D
Acq: 9 Nov 2021 19:19

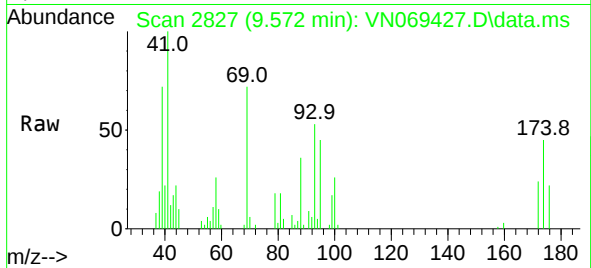
Tgt Ion: 41 Resp: 26738
Ion Ratio Lower Upper
41 100
69 74.9 72.4 108.6
39 65.7 58.4 87.6





#49
1,4-Dioxane
Concen: 72.285 ug/l
RT: 9.572 min Scan# 2827
Delta R.T. -0.000 min
Lab File: VN069427.D
Acq: 9 Nov 2021 19:19

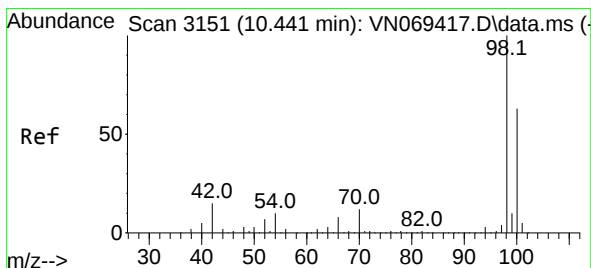
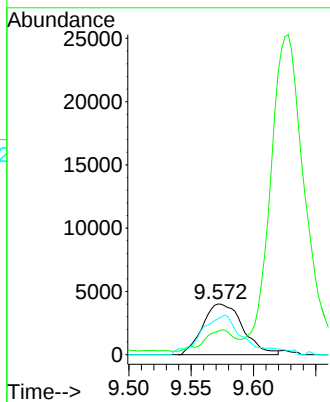
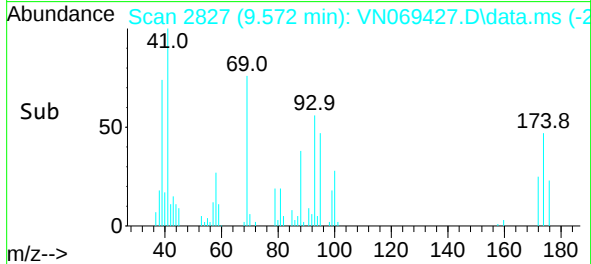
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



Tgt Ion: 88 Resp: 902
Ion Ratio Lower Upper
88 100
43 32.2 23.4 35.2
58 82.0 50.6 75.8

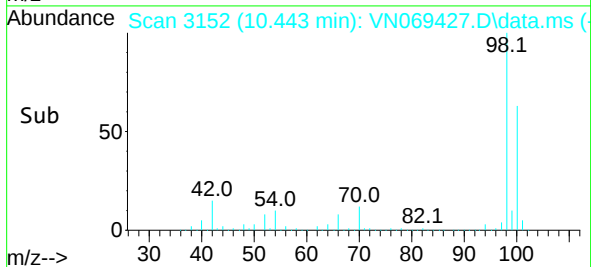
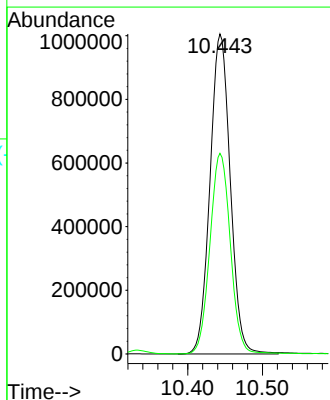
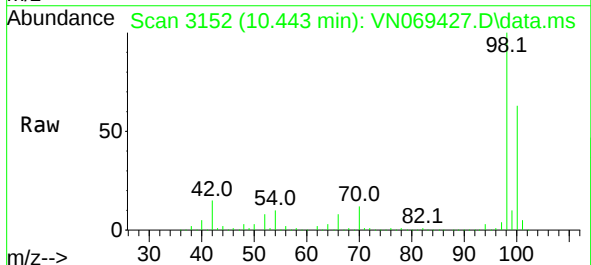
Manual Integrations
APPROVED

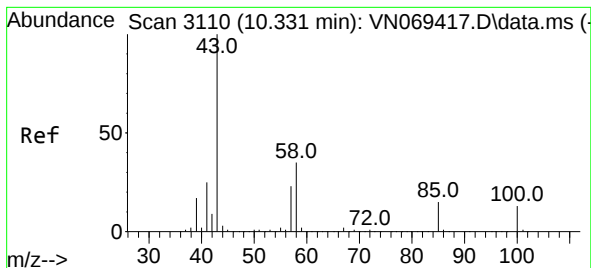
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/17/2021



#50
Toluene-d8
Concen: 52.332 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.002 min
Lab File: VN069427.D
Acq: 9 Nov 2021 19:19

Tgt Ion: 98 Resp: 1890613
Ion Ratio Lower Upper
98 100
100 63.1 50.4 75.6





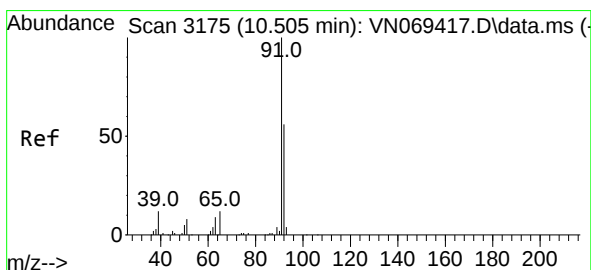
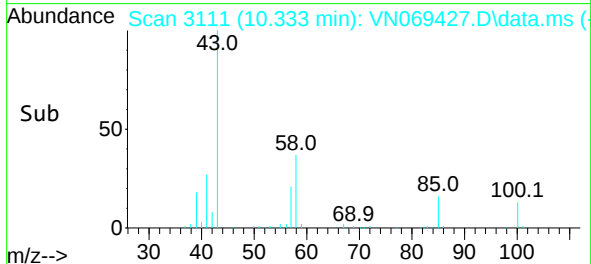
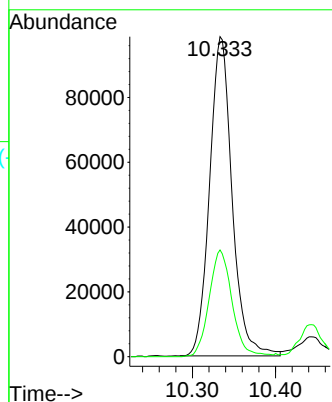
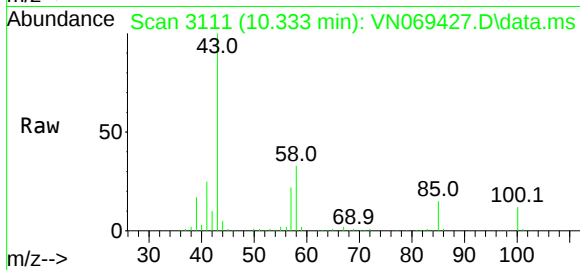
#51
4-Methyl-2-Pentanone
Concen: 10.258 ug/l
RT: 10.333 min Scan# 3111
Delta R.T. 0.002 min
Lab File: VN069427.D
Acq: 9 Nov 2021 19:19

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021

Tgt Ion: 43 Resp: 18527
Ion Ratio Lower Upper
43 100
58 34.2 30.4 45.6

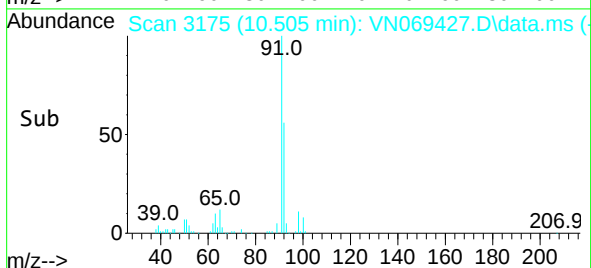
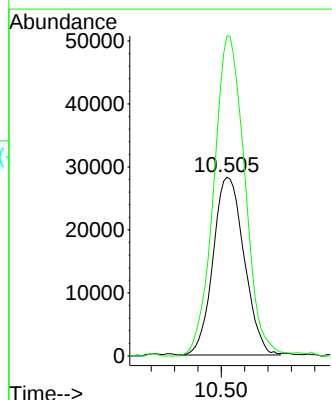
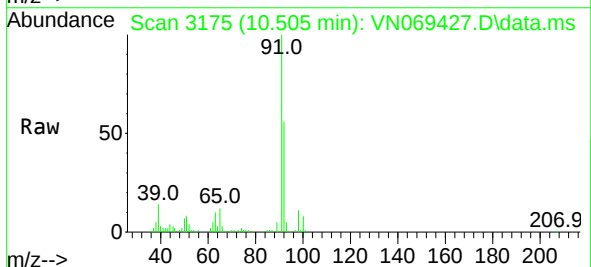
Manual Integrations
APPROVED

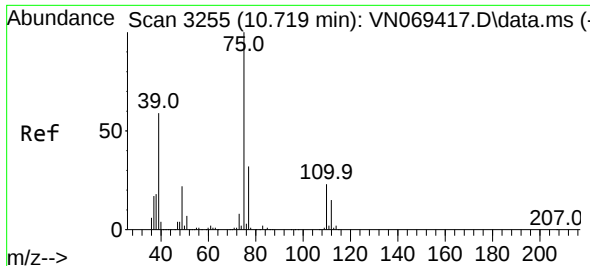
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/17/2021



#52
Toluene
Concen: 2.104 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.000 min
Lab File: VN069427.D
Acq: 9 Nov 2021 19:19

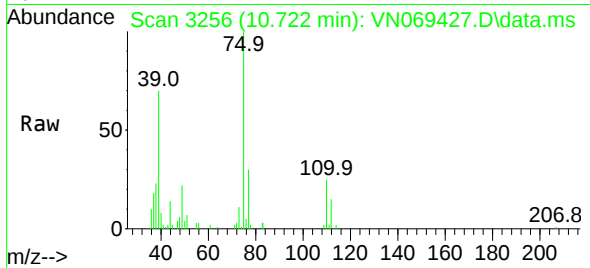
Tgt Ion: 92 Resp: 52139
Ion Ratio Lower Upper
92 100
91 180.1 142.0 213.0





#53
 t-1,3-Dichloropropene
 Concen: 3.949 ug/l
 RT: 10.722 min Scan# 3256
 Delta R.T. 0.003 min
 Lab File: VN069427.D
 Acq: 9 Nov 2021 19:19

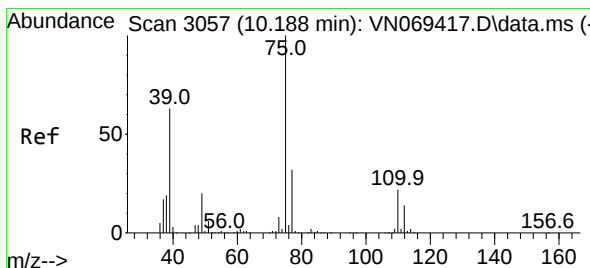
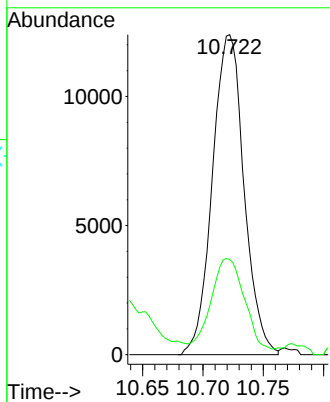
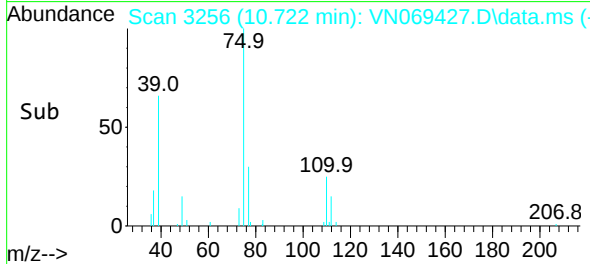
Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2021



Tgt Ion: 75 Resp: 22618
 Ion Ratio Lower Upper
 75 100
 77 27.6 25.6 38.4

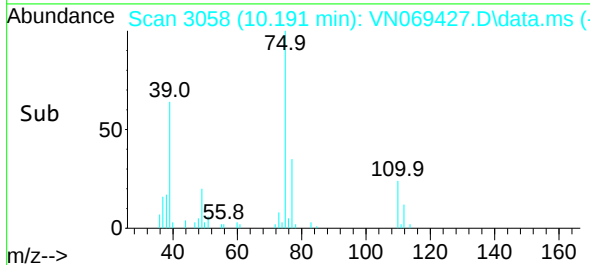
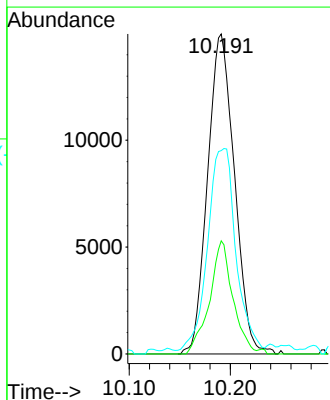
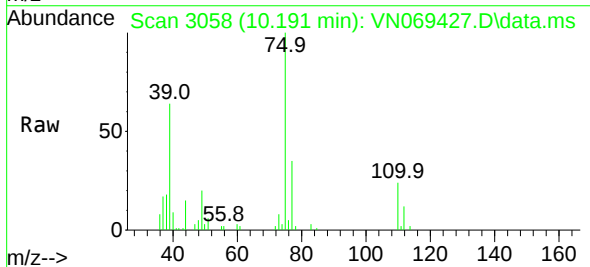
Manual Integrations
 APPROVED

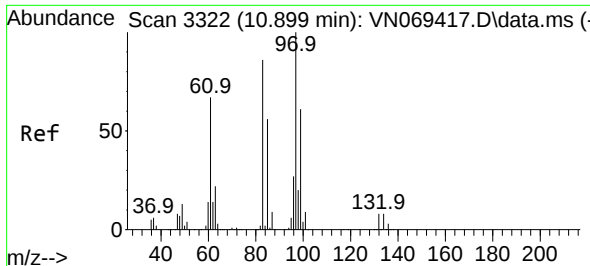
Reviewed By :John Carlone 11/11/2021
 Supervised By :Semsettin Yesilyurt 11/17/2021



#54
 cis-1,3-Dichloropropene
 Concen: 3.286 ug/l
 RT: 10.191 min Scan# 3058
 Delta R.T. 0.003 min
 Lab File: VN069427.D
 Acq: 9 Nov 2021 19:19

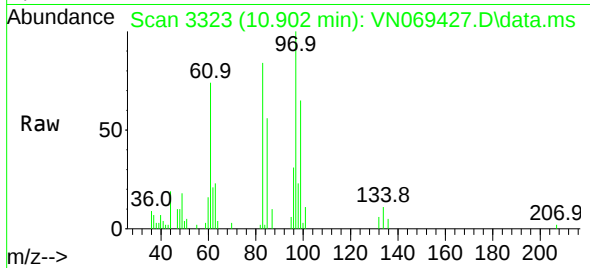
Tgt Ion: 75 Resp: 27687
 Ion Ratio Lower Upper
 75 100
 77 35.4 26.4 39.6
 39 62.4 42.5 63.7





#55
1,1,2-Trichloroethane
Concen: 2.071 ug/l
RT: 10.902 min Scan# 31
Delta R.T. 0.003 min
Lab File: VN069427.D
Acq: 9 Nov 2021 19:19

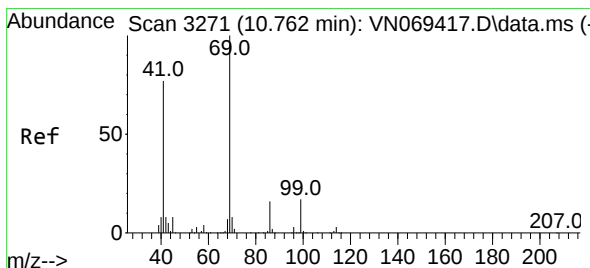
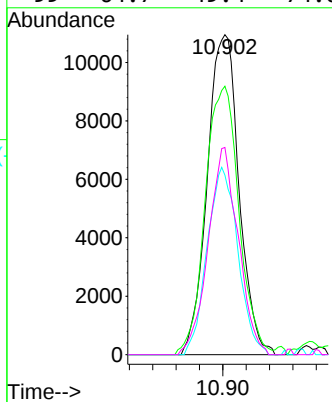
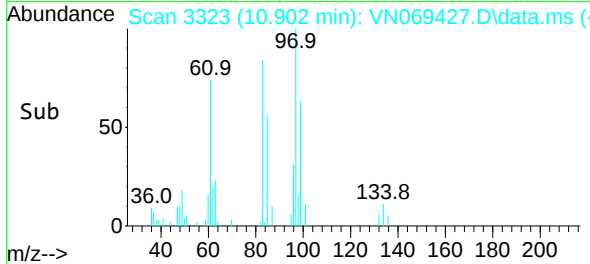
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



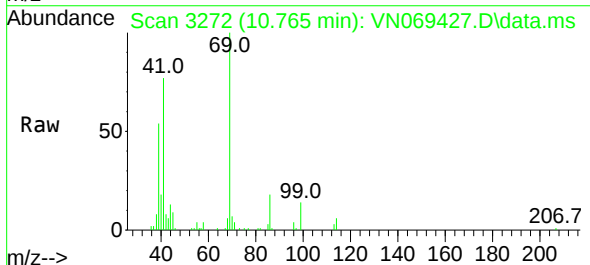
Tgt Ion: 97 Resp: 2068
Ion Ratio Lower Upper
97 100
83 82.3 67.8 101.6
85 56.1 45.4 68.2
99 64.7 49.4 74.0

Manual Integrations
APPROVED

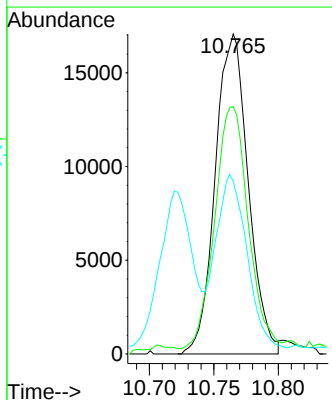
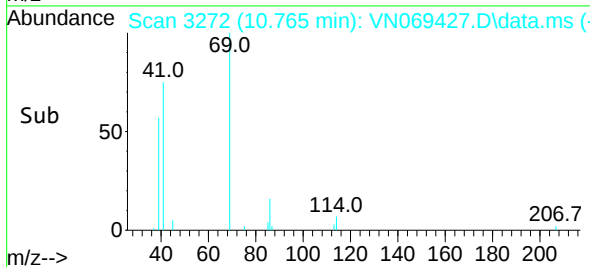
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/17/2021

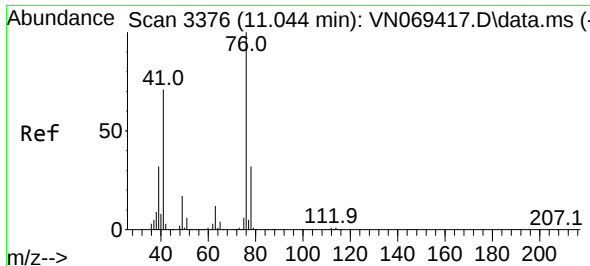


#56
Ethyl methacrylate
Concen: 3.601 ug/l
RT: 10.765 min Scan# 3272
Delta R.T. 0.003 min
Lab File: VN069427.D
Acq: 9 Nov 2021 19:19



Tgt Ion: 69 Resp: 30392
Ion Ratio Lower Upper
69 100
41 76.4 51.4 77.0
39 50.8 34.6 52.0





#57

1,3-Dichloropropane

Concen: 2.100 ug/l

RT: 11.047 min Scan# 31

Delta R.T. 0.003 min

Lab File: VN069427.D

Acq: 9 Nov 2021 19:19

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2021

Tgt Ion: 76 Resp: 3686

Ion Ratio Lower Upper

76 100

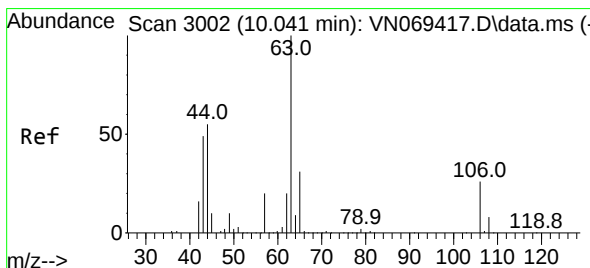
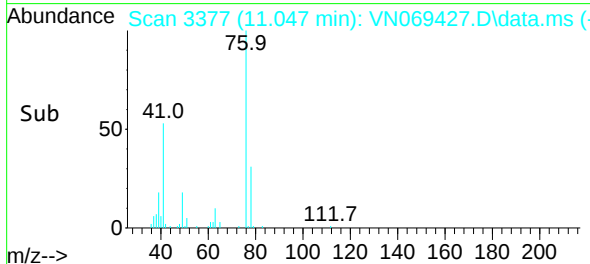
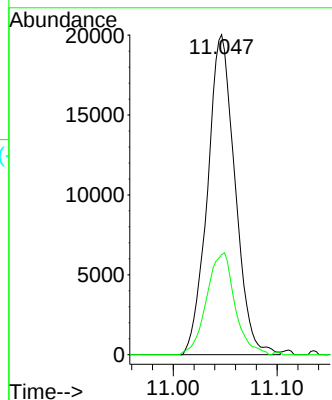
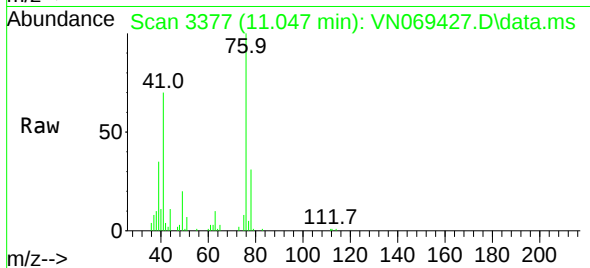
78 32.7 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2021

Supervised By :Semsettin Yesilyurt 11/17/2021



#58

2-Chloroethyl Vinyl ether

Concen: 30.256 ug/l

RT: 10.044 min Scan# 3003

Delta R.T. 0.003 min

Lab File: VN069427.D

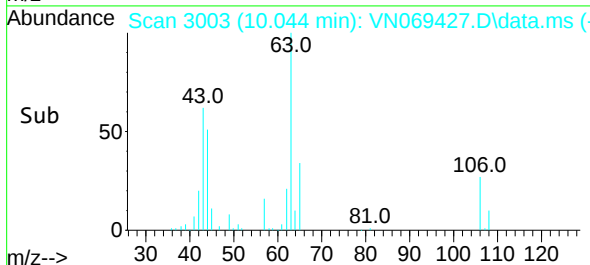
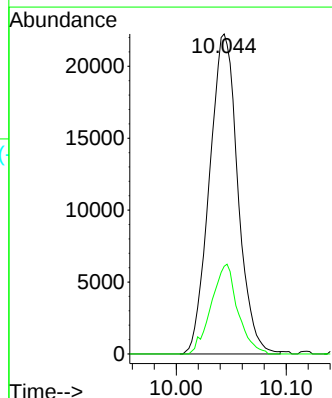
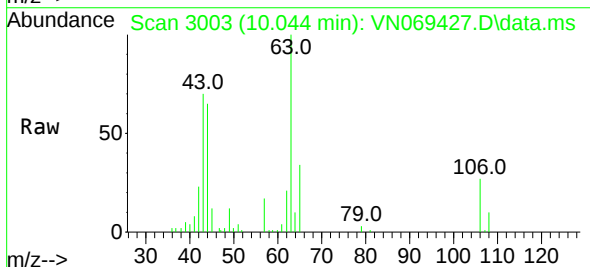
Acq: 9 Nov 2021 19:19

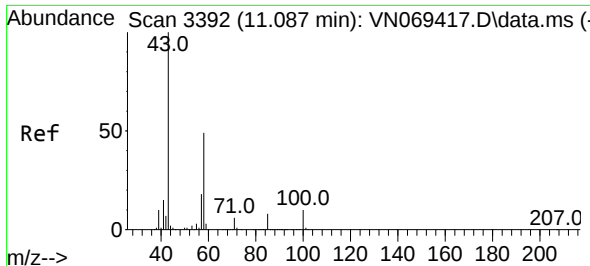
Tgt Ion: 63 Resp: 39865

Ion Ratio Lower Upper

63 100

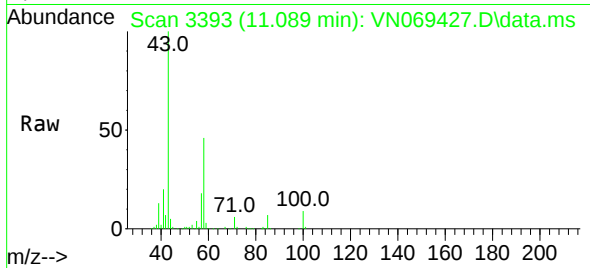
106 26.2 23.9 35.9





#59
2-Hexanone
Concen: 16.079 ug/l
RT: 11.089 min Scan# 3393
Delta R.T. 0.002 min
Lab File: VN069427.D
Acq: 9 Nov 2021 19:19

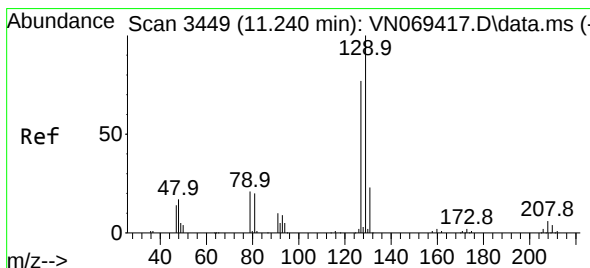
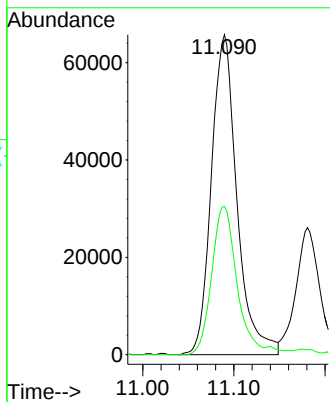
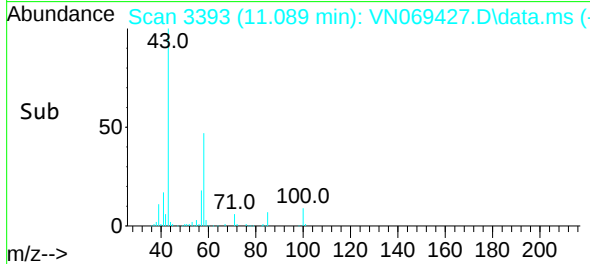
Instrument : MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



Tgt Ion: 43 Resp: 12816
Ion Ratio Lower Upper
43 100
58 45.1 26.9 80.7

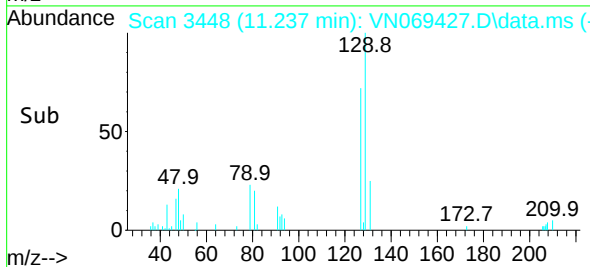
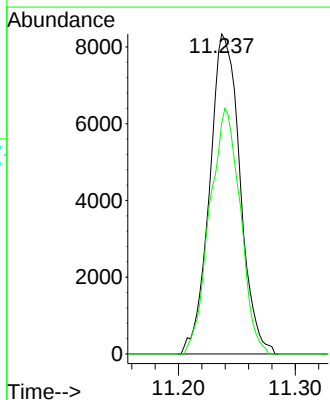
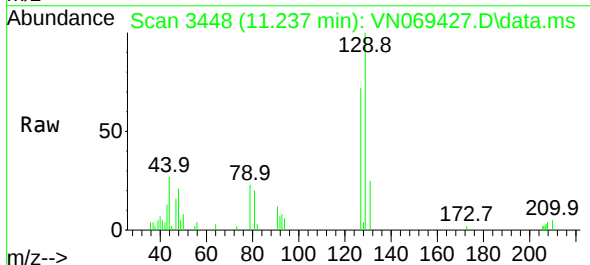
Manual Integrations
APPROVED

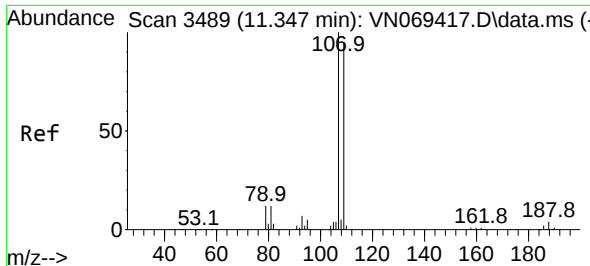
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/17/2021



#60
Dibromochloromethane
Concen: 3.723 ug/l
RT: 11.237 min Scan# 3448
Delta R.T. -0.003 min
Lab File: VN069427.D
Acq: 9 Nov 2021 19:19

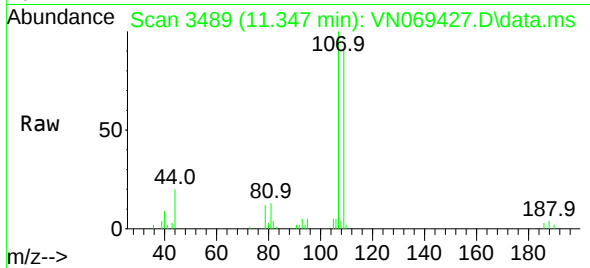
Tgt Ion:129 Resp: 15047
Ion Ratio Lower Upper
129 100
127 77.5 38.6 116.0





#61
1,2-Dibromoethane
Concen: 2.831 ug/l
RT: 11.347 min Scan# 3489
Delta R.T. -0.000 min
Lab File: VN069427.D
Acq: 9 Nov 2021 19:19

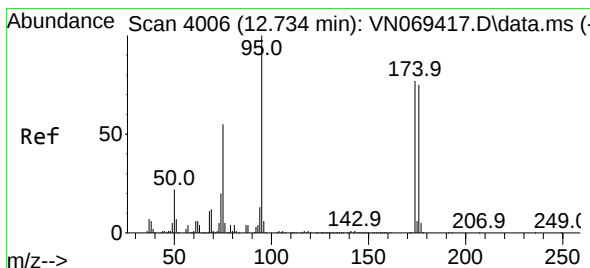
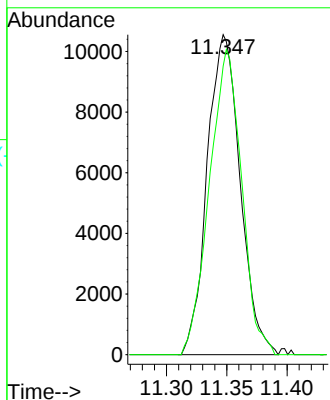
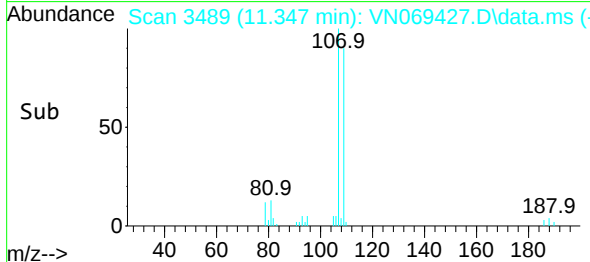
Instrument : MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



Tgt Ion:107 Resp: 20058
Ion Ratio Lower Upper
107 100
109 93.3 75.7 113.5

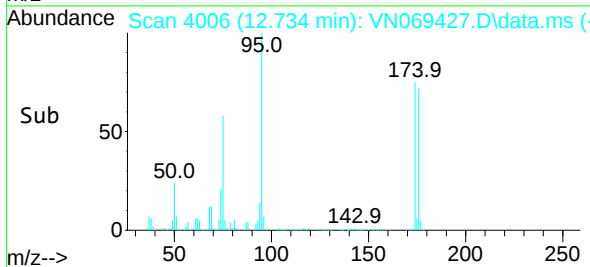
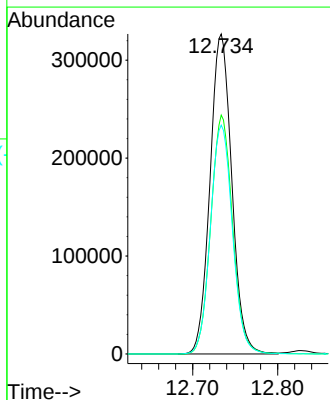
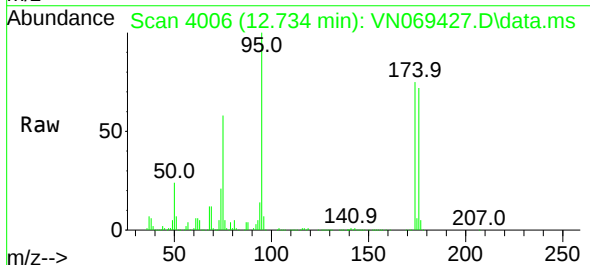
Manual Integrations
APPROVED

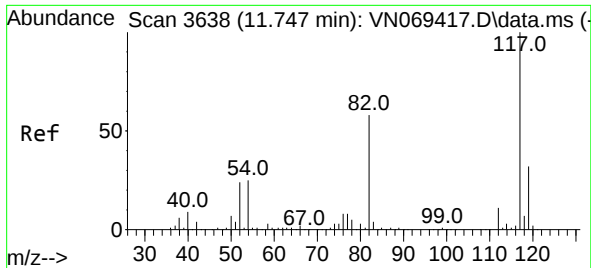
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/17/2021



#62
4-Bromofluorobenzene
Concen: 43.843 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. -0.000 min
Lab File: VN069427.D
Acq: 9 Nov 2021 19:19

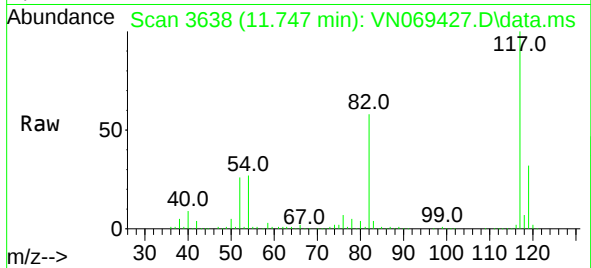
Tgt Ion: 95 Resp: 581878
Ion Ratio Lower Upper
95 100
174 74.5 0.0 187.2
176 72.4 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN069427.D
Acq: 9 Nov 2021 19:19

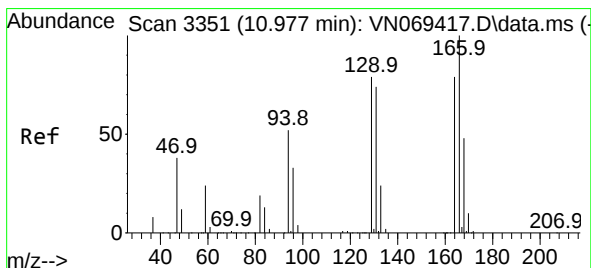
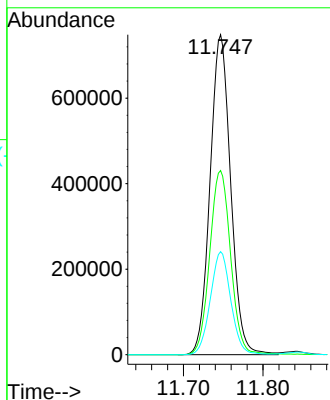
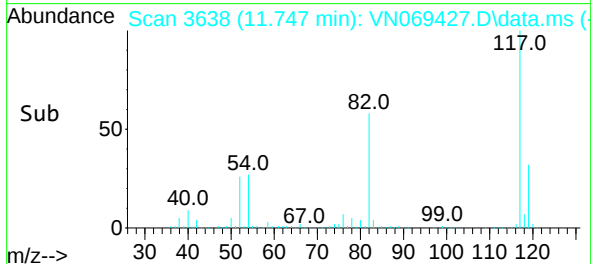
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



Tgt Ion:117 Resp: 1348014
Ion Ratio Lower Upper
117 100
82 57.6 42.4 63.6
119 32.2 25.4 38.2

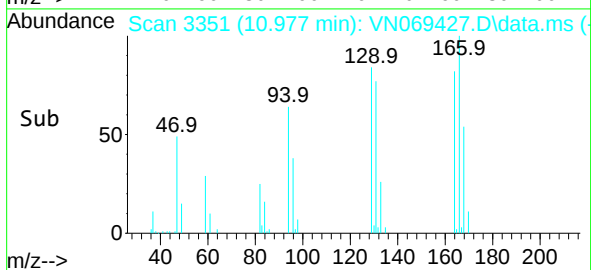
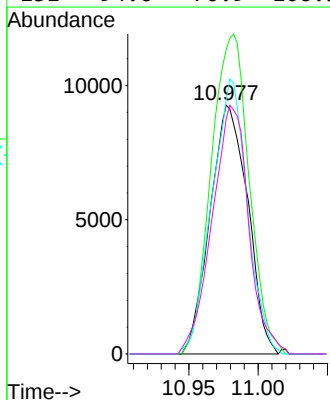
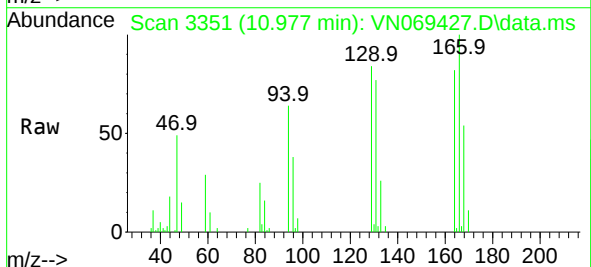
Manual Integrations
APPROVED

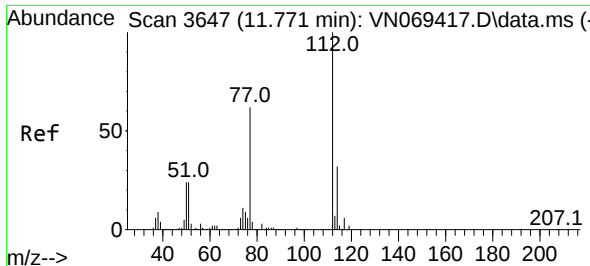
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/17/2021



#64
Tetrachloroethene
Concen: 2.151 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.000 min
Lab File: VN069427.D
Acq: 9 Nov 2021 19:19

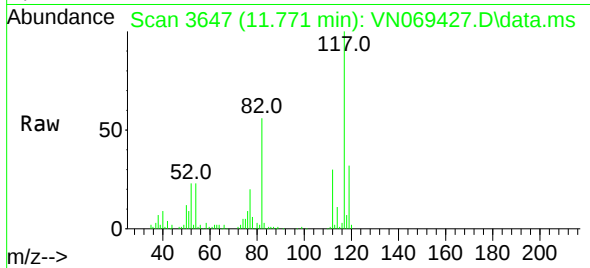
Tgt Ion:164 Resp: 17504
Ion Ratio Lower Upper
164 100
166 122.5 101.9 152.9
129 102.3 72.0 108.0
131 94.6 70.9 106.3





#65
Chlorobenzene
Concen: 2.201 ug/l
RT: 11.771 min Scan# 3647
Delta R.T. -0.000 min
Lab File: VN069427.D
Acq: 9 Nov 2021 19:19

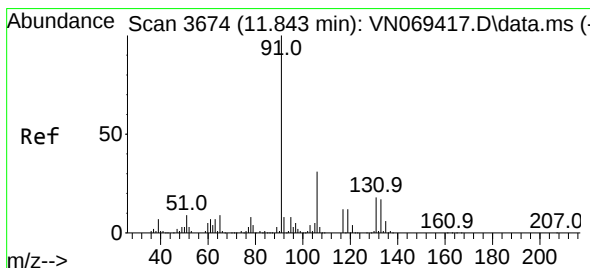
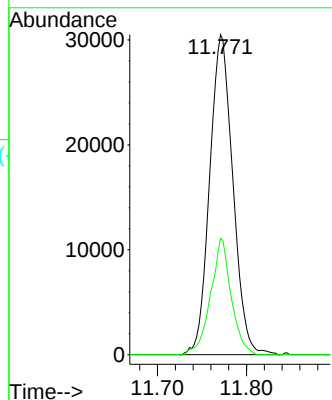
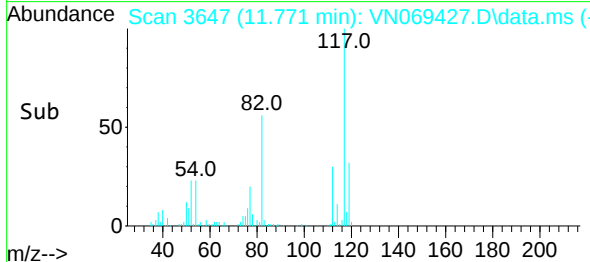
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



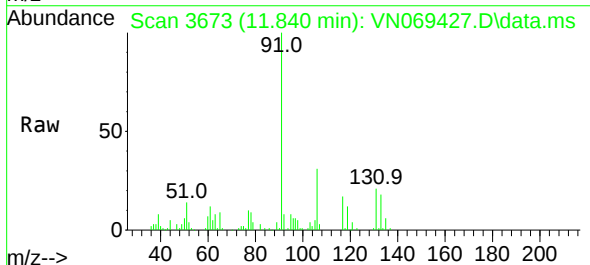
Tgt Ion:112 Resp: 55236
Ion Ratio Lower Upper
112 100
114 36.4 25.4 38.0

Manual Integrations
APPROVED

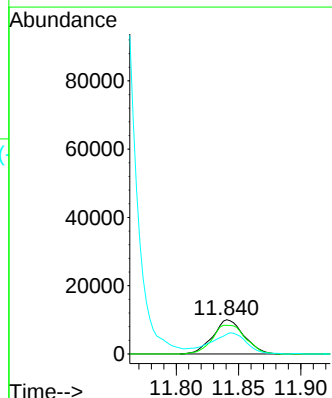
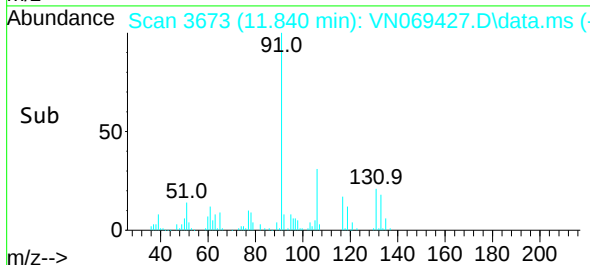
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/17/2021

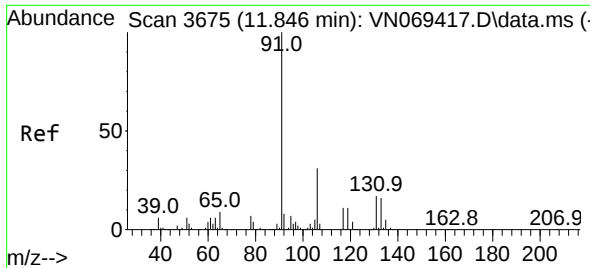


#66
1,1,1,2-Tetrachloroethane
Concen: 2.001 ug/l
RT: 11.840 min Scan# 3673
Delta R.T. -0.003 min
Lab File: VN069427.D
Acq: 9 Nov 2021 19:19



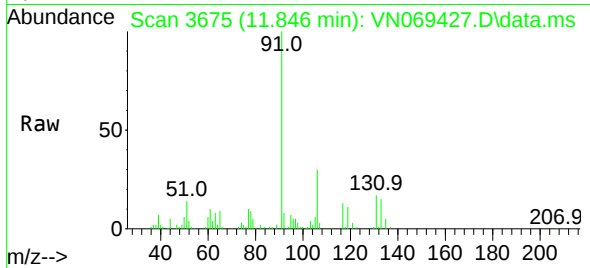
Tgt Ion:131 Resp: 17419
Ion Ratio Lower Upper
131 100
133 90.1 47.9 143.7
119 0.0 32.1 96.5#





#67
Ethyl Benzene
Concen: 2.060 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. -0.000 min
Lab File: VN069427.D
Acq: 9 Nov 2021 19:19

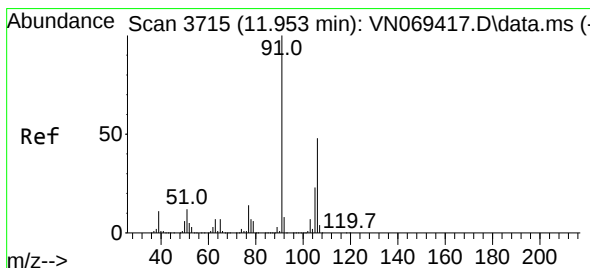
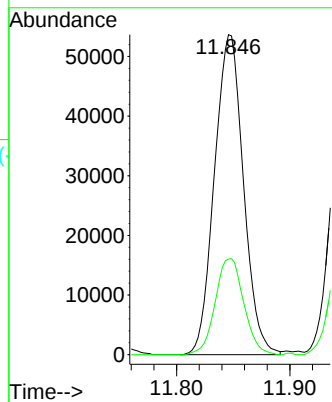
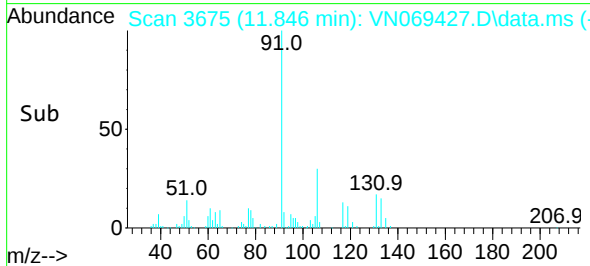
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT4-2021



Tgt Ion: 91 Resp: 95324
Ion Ratio Lower Upper
91 100
106 29.9 25.7 38.5

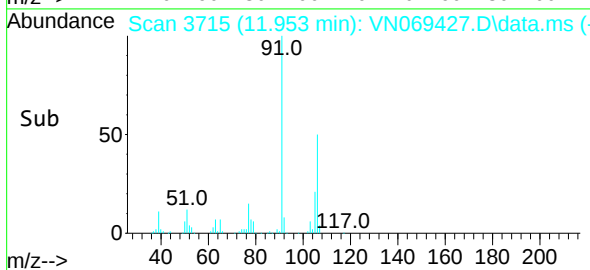
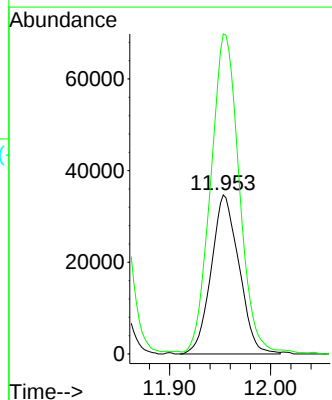
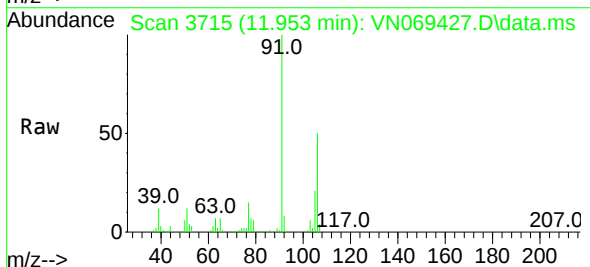
Manual Integrations
APPROVED

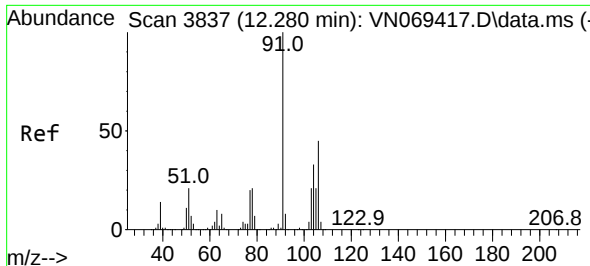
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/17/2021



#68
m/p-Xylenes
Concen: 3.896 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. 0.000 min
Lab File: VN069427.D
Acq: 9 Nov 2021 19:19

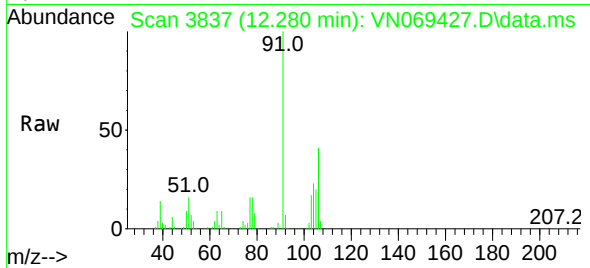
Tgt Ion:106 Resp: 66313
Ion Ratio Lower Upper
106 100
91 204.8 160.6 240.8





#69
o-Xylene
Concen: 1.890 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. 0.000 min
Lab File: VN069427.D
Acq: 9 Nov 2021 19:19

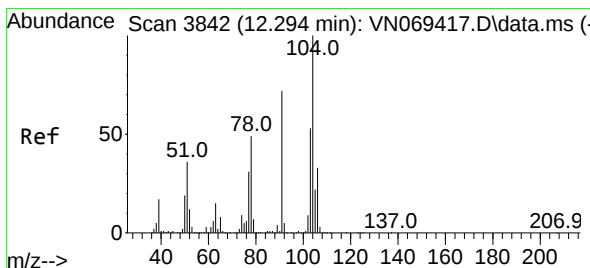
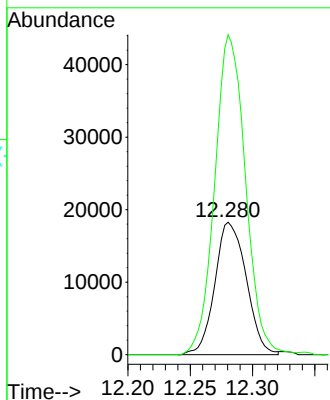
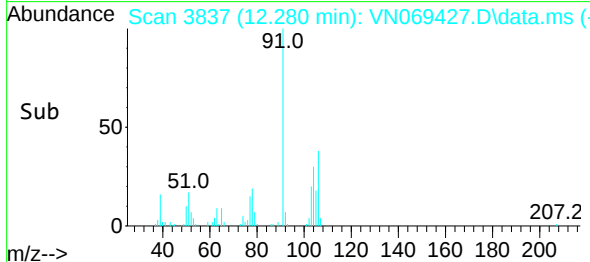
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



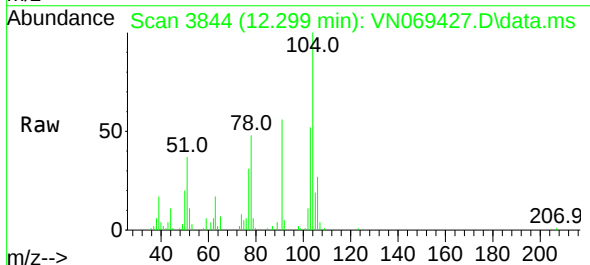
Tgt Ion:106 Resp: 3206
Ion Ratio Lower Upper
106 100
91 236.6 105.8 317.3

Manual Integrations
APPROVED

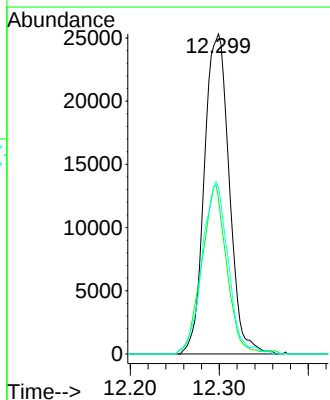
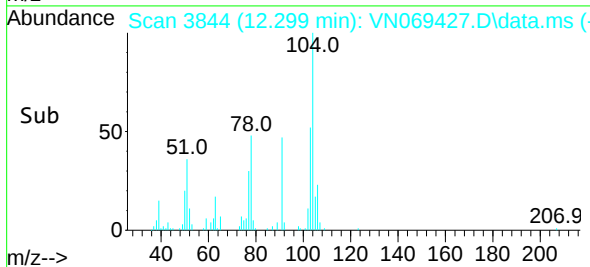
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/17/2021

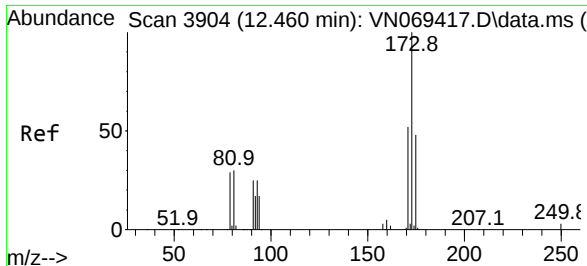


#70
Styrene
Concen: 3.084 ug/l
RT: 12.299 min Scan# 3844
Delta R.T. 0.005 min
Lab File: VN069427.D
Acq: 9 Nov 2021 19:19



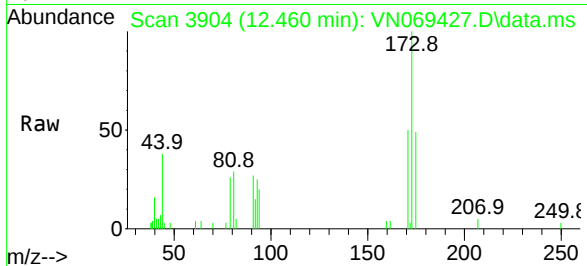
Tgt Ion:104 Resp: 49116
Ion Ratio Lower Upper
104 100
78 52.7 38.7 58.1
103 56.2 45.0 67.6





#71
Bromoform
Concen: 4.507 ug/l
RT: 12.460 min Scan# 3904
Delta R.T. 0.000 min
Lab File: VN069427.D
Acq: 9 Nov 2021 19:19

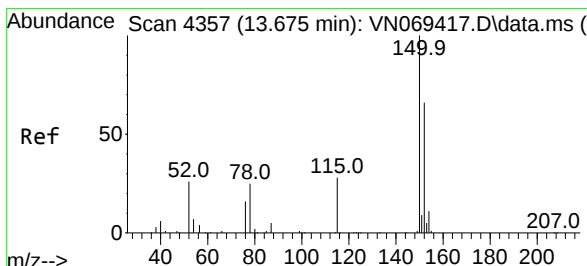
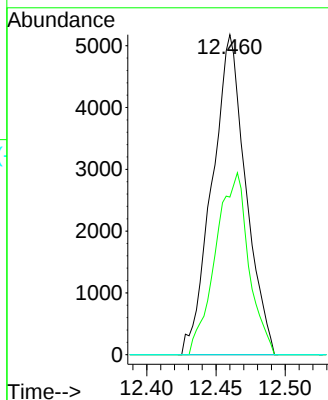
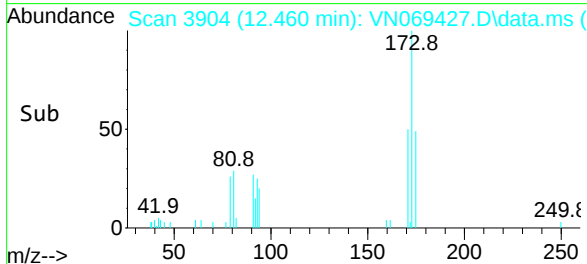
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



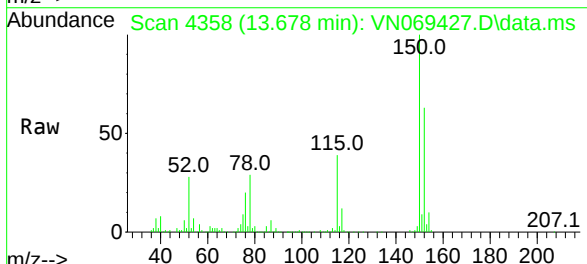
Tgt Ion:173 Resp: 875
Ion Ratio Lower Upper
173 100
175 56.0 24.2 72.6
254 0.0 0.0 0.0

Manual Integrations
APPROVED

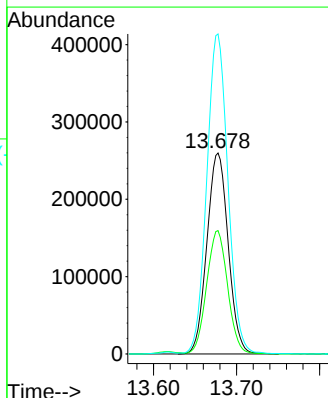
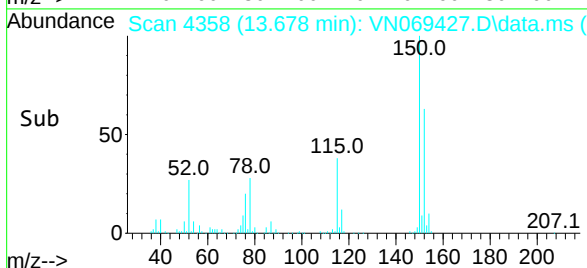
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/17/2021

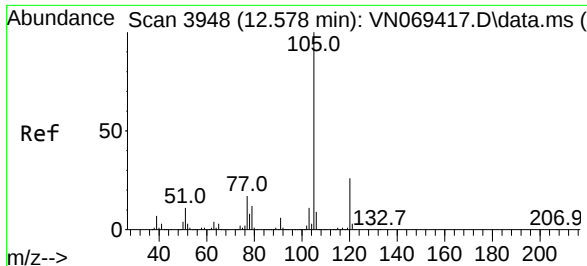


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN069427.D
Acq: 9 Nov 2021 19:19



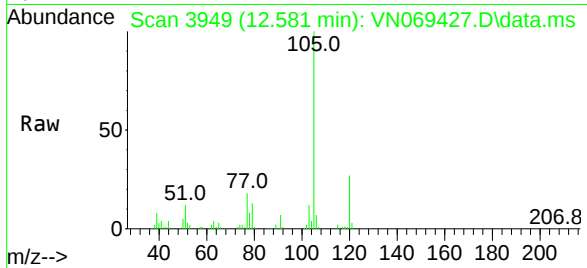
Tgt Ion:152 Resp: 462571
Ion Ratio Lower Upper
152 100
115 60.0 27.5 82.5
150 157.7 0.0 344.4





#73
Isopropylbenzene
Concen: 2.268 ug/l
RT: 12.581 min Scan# 3948
Delta R.T. 0.003 min
Lab File: VN069427.D
Acq: 9 Nov 2021 19:19

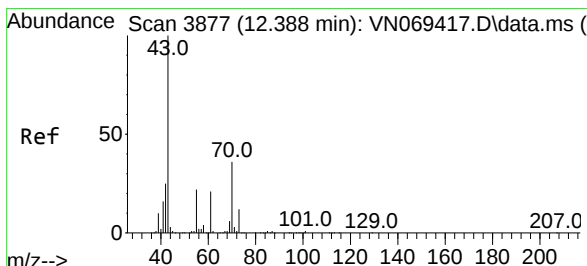
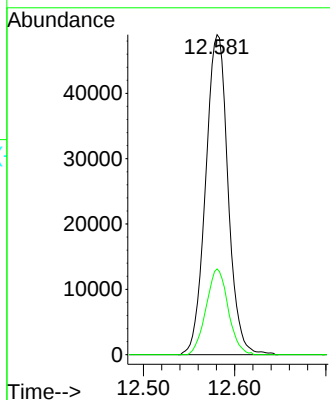
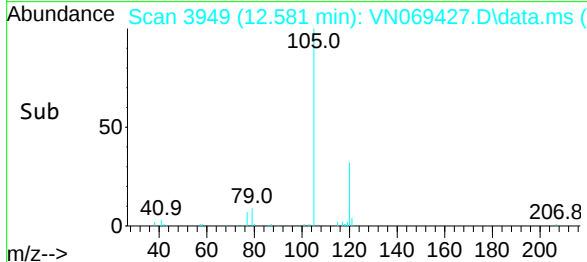
Instrument : MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



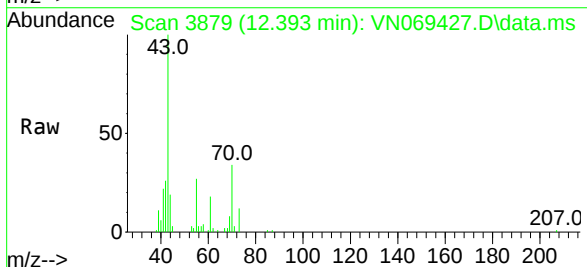
Tgt Ion:105 Resp: 83548
Ion Ratio Lower Upper
105 100
120 26.4 13.4 40.1

Manual Integrations
APPROVED

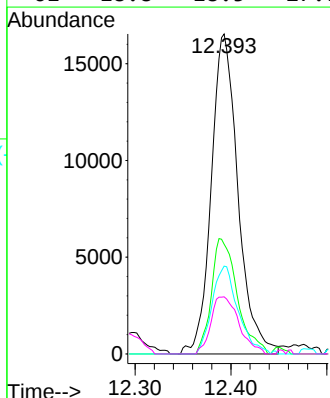
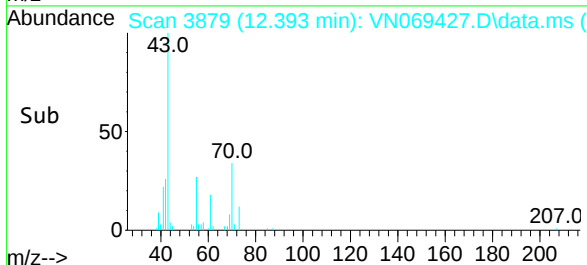
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/17/2021

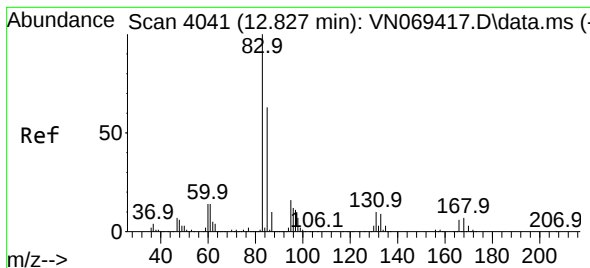


#74
N-ethyl acetate
Concen: 2.050 ug/l
RT: 12.393 min Scan# 3879
Delta R.T. 0.005 min
Lab File: VN069427.D
Acq: 9 Nov 2021 19:19



Tgt Ion: 43 Resp: 31998
Ion Ratio Lower Upper
43 100
70 34.9 33.4 50.0
55 26.8 19.3 28.9
61 18.8 18.5 27.7





#75

1,1,2,2-Tetrachloroethane

Concen: 2.493 ug/l

RT: 12.827 min Scan# 4041

Delta R.T. 0.000 min

Lab File: VN069427.D

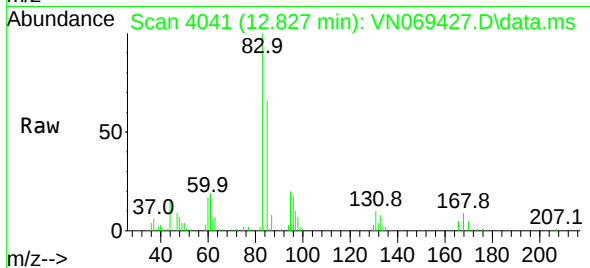
Acq: 9 Nov 2021 19:19

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2021



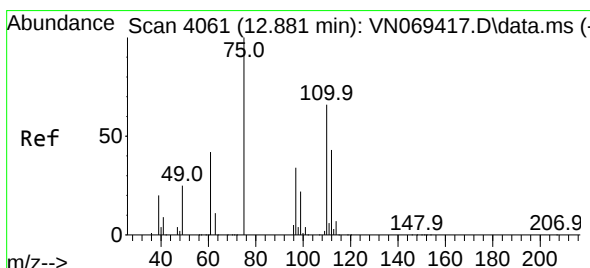
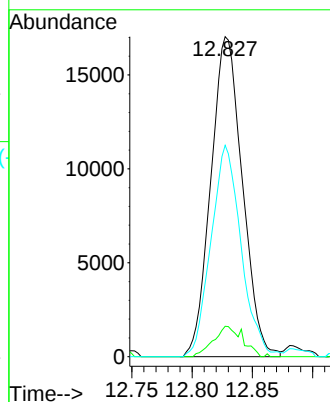
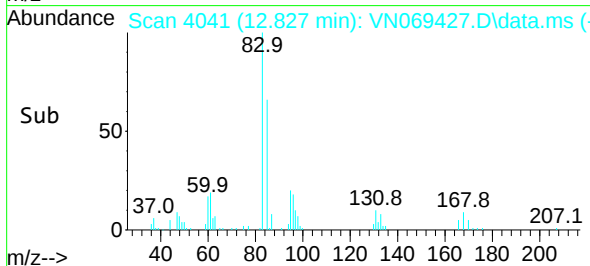
Tgt Ion:	83	Resp:	3097
Ion Ratio	Lower	Upper	
83	100		
131	8.8	5.5	16.5
85	63.2	32.4	97.2

Manual Integrations

APPROVED

Reviewed By :John Carbone 11/11/2021

Supervised By :Semsettin Yesilyurt 11/17/2021



#76

1,2,3-Trichloropropane

Concen: 2.824 ug/l m

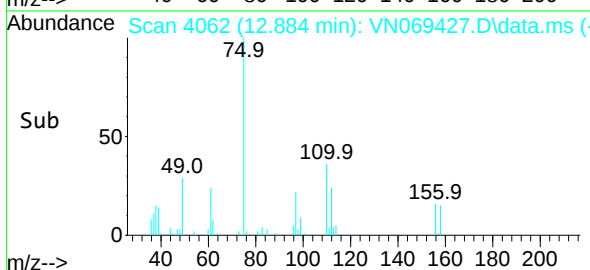
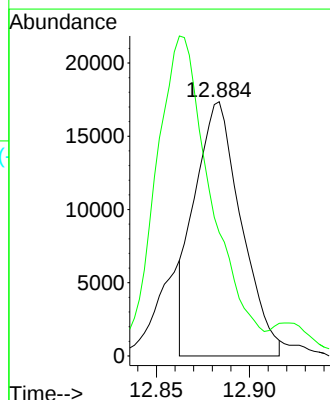
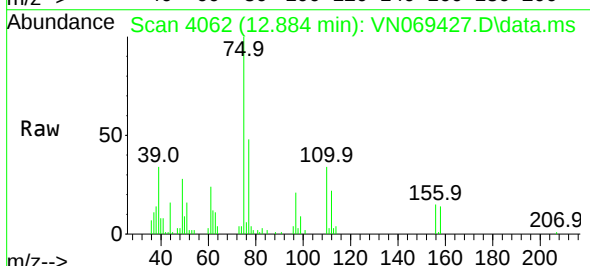
RT: 12.884 min Scan# 4062

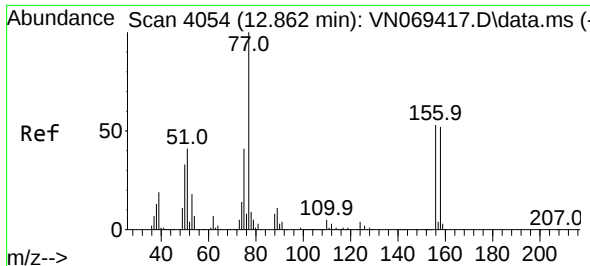
Delta R.T. 0.003 min

Lab File: VN069427.D

Acq: 9 Nov 2021 19:19

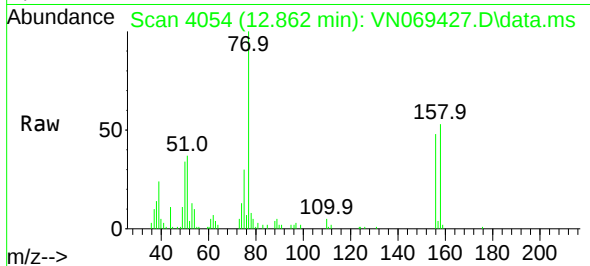
Tgt Ion:	75	Resp:	30150
Ion Ratio	Lower	Upper	
75	100		
77	0.0	82.6	247.8#





#77
Bromobenzene
Concen: 2.284 ug/l
RT: 12.862 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VN069427.D
Acq: 9 Nov 2021 19:19

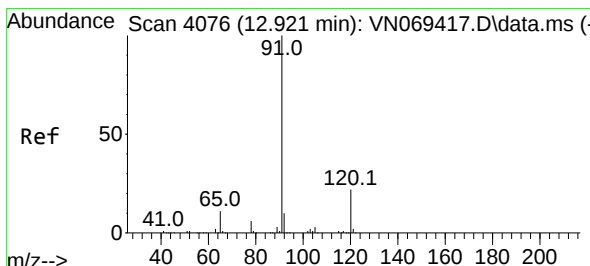
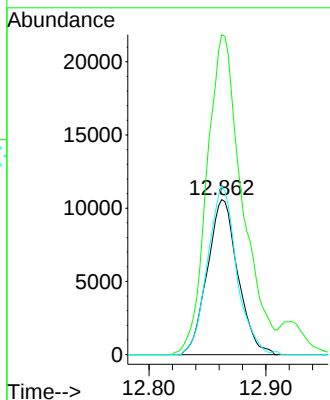
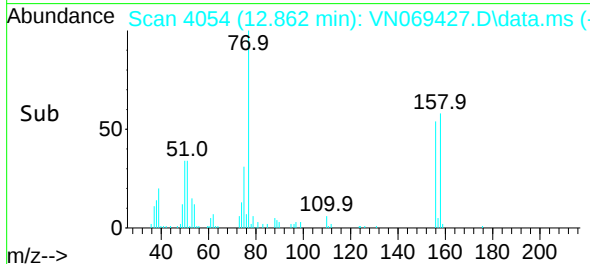
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



Tgt Ion:156 Resp: 1924
Ion Ratio Lower Upper
156 100
77 237.9 90.6 271.8
158 103.9 48.9 146.7

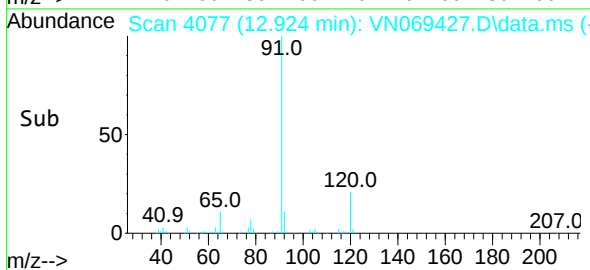
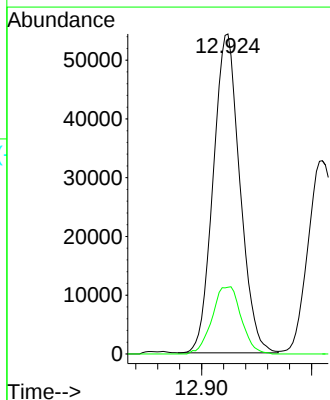
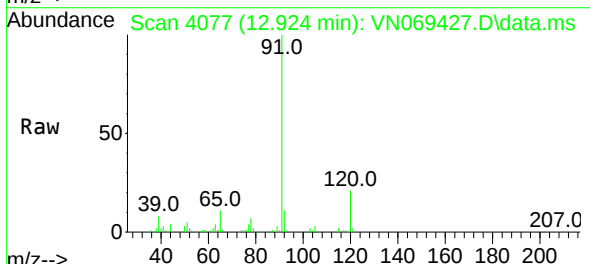
Manual Integrations
APPROVED

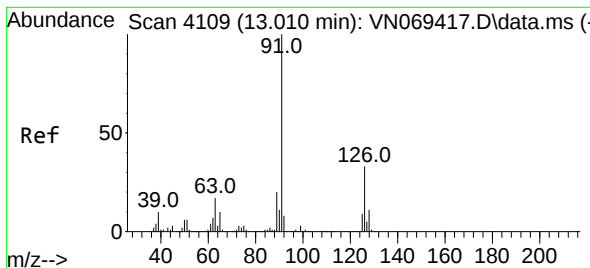
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/17/2021



#78
n-propylbenzene
Concen: 2.208 ug/l
RT: 12.924 min Scan# 4077
Delta R.T. 0.003 min
Lab File: VN069427.D
Acq: 9 Nov 2021 19:19

Tgt Ion: 91 Resp: 91521
Ion Ratio Lower Upper
91 100
120 22.9 11.9 35.9





#79

2-Chlorotoluene

Concen: 2.291 ug/l

RT: 13.010 min Scan# 4109

Delta R.T. -0.000 min

Lab File: VN069427.D

Acq: 9 Nov 2021 19:19

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2021

Tgt Ion: 91 Resp: 5878

Ion Ratio Lower Upper

91 100

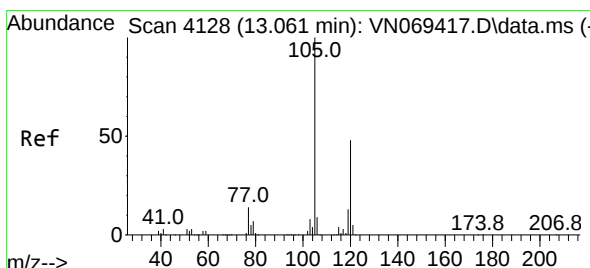
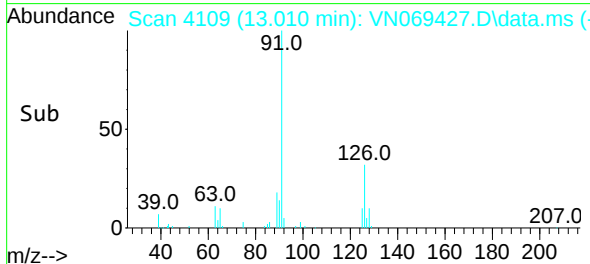
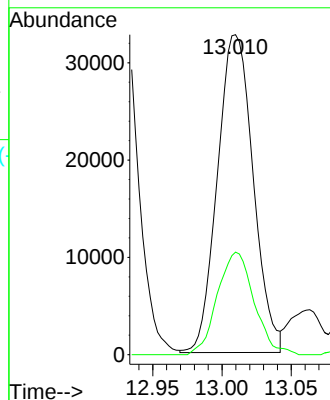
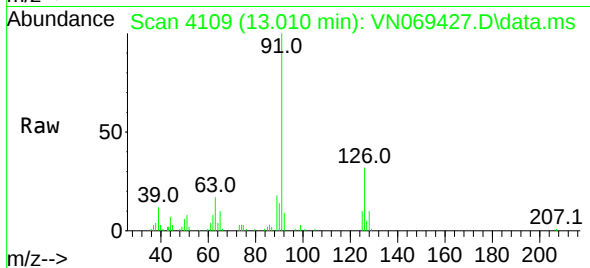
126 33.0 18.3 54.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2021

Supervised By :Semsettin Yesilyurt 11/17/2021



#80

1,3,5-Trimethylbenzene

Concen: 2.244 ug/l

RT: 13.061 min Scan# 4128

Delta R.T. -0.000 min

Lab File: VN069427.D

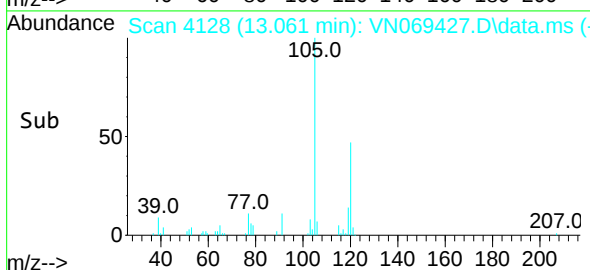
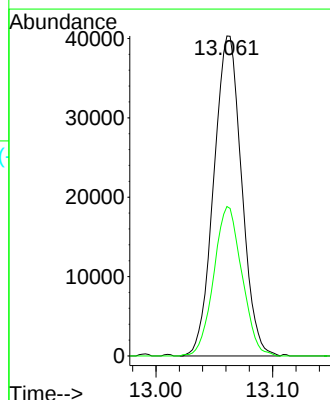
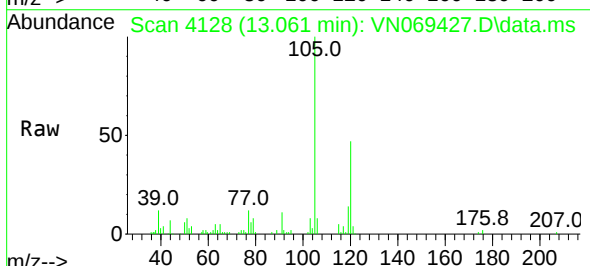
Acq: 9 Nov 2021 19:19

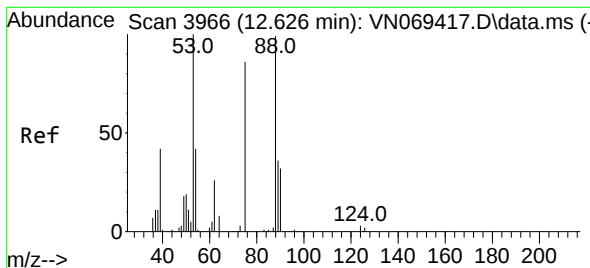
Tgt Ion:105 Resp: 66808

Ion Ratio Lower Upper

105 100

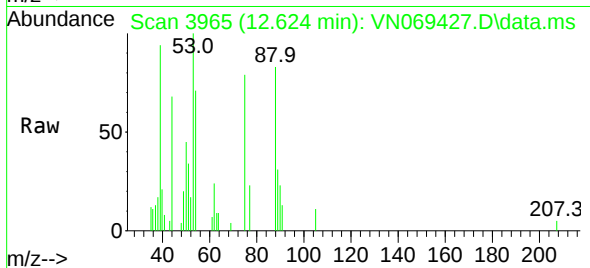
120 47.2 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 7.181 ug/l m
RT: 12.624 min Scan# 3966
Delta R.T. -0.002 min
Lab File: VN069427.D
Acq: 9 Nov 2021 19:19

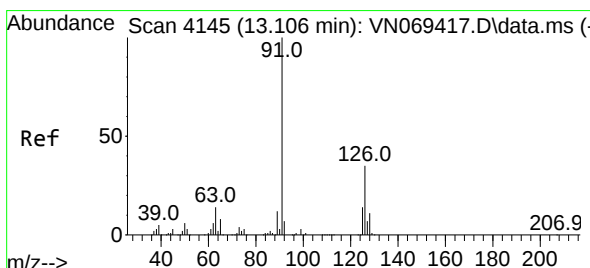
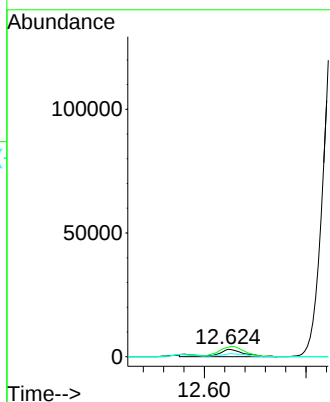
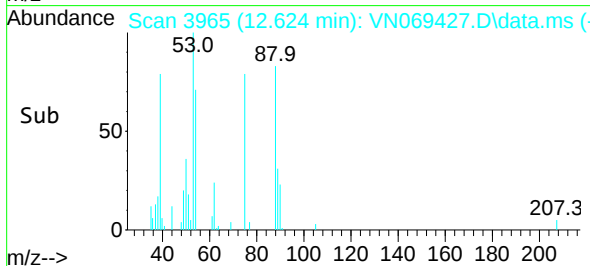
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT4-2021



Tgt Ion: 75 Resp: 565
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7
89 0.0 38.2 57.4

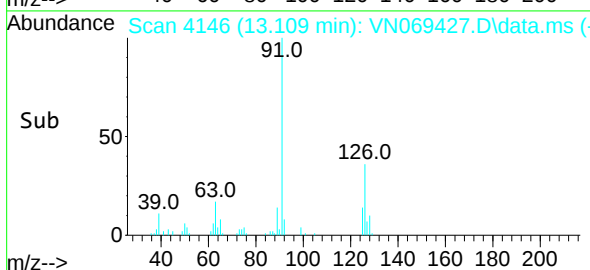
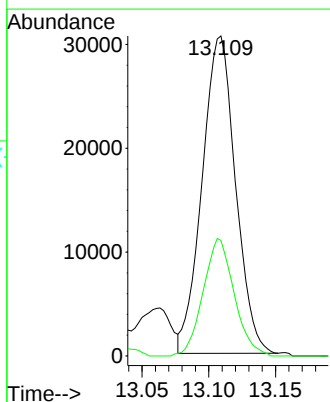
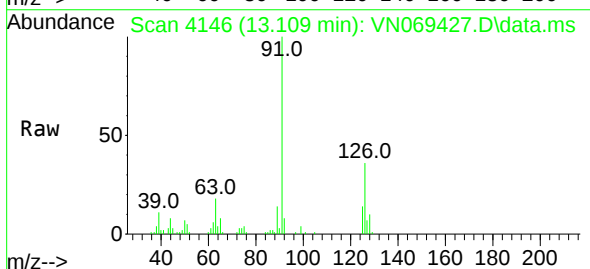
Manual Integrations
APPROVED

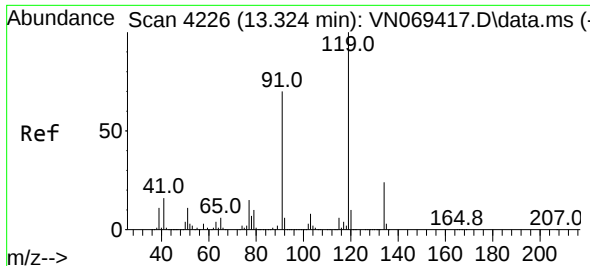
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/17/2021



#82
4-Chlorotoluene
Concen: 2.171 ug/l
RT: 13.109 min Scan# 4146
Delta R.T. 0.003 min
Lab File: VN069427.D
Acq: 9 Nov 2021 19:19

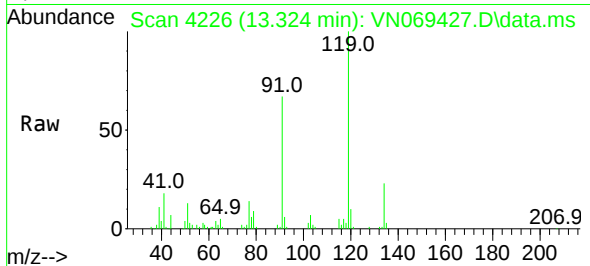
Tgt Ion: 91 Resp: 53114
Ion Ratio Lower Upper
91 100
126 34.4 18.2 54.6





#83
tert-Butylbenzene
Concen: 2.319 ug/l
RT: 13.324 min Scan# 4226
Delta R.T. -0.000 min
Lab File: VN069427.D
Acq: 9 Nov 2021 19:19

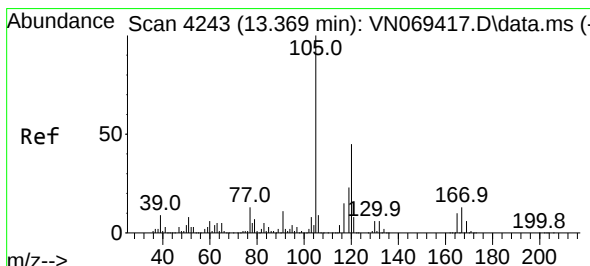
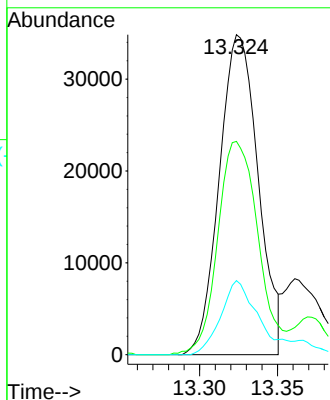
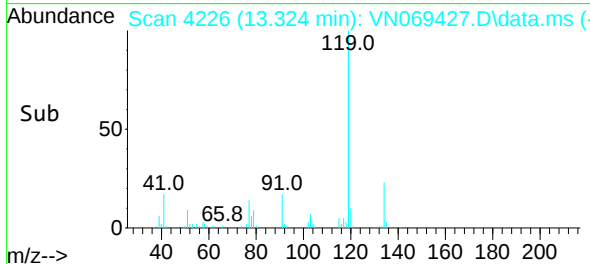
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT4-2021



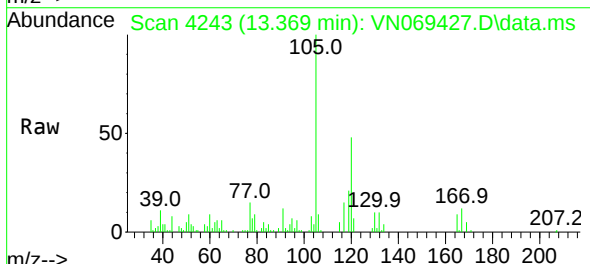
Tgt Ion:119 Resp: 60514
Ion Ratio Lower Upper
119 100
91 69.3 31.5 94.5
134 22.6 12.4 37.4

Manual Integrations
APPROVED

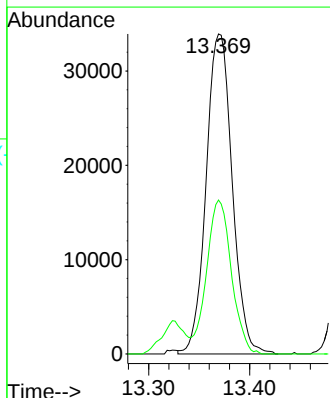
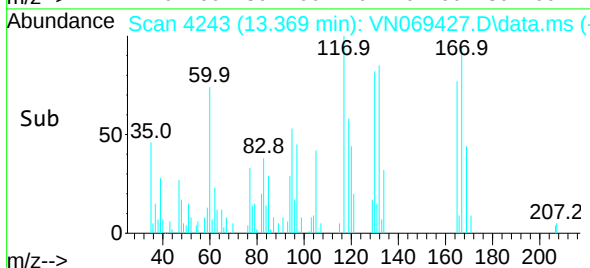
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/17/2021

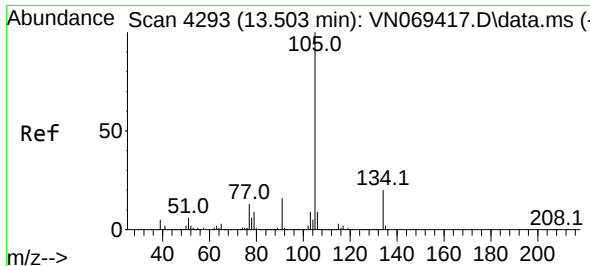


#84
1,2,4-Trimethylbenzene
Concen: 2.119 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.000 min
Lab File: VN069427.D
Acq: 9 Nov 2021 19:19



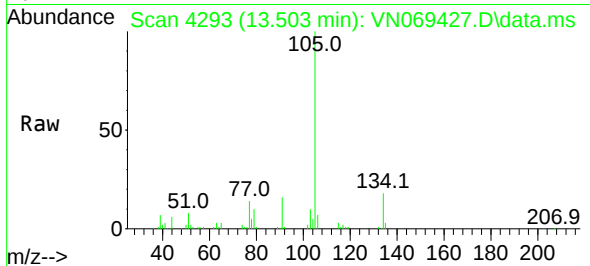
Tgt Ion:105 Resp: 60912
Ion Ratio Lower Upper
105 100
120 45.6 22.8 68.4





#85
 sec-Butylbenzene
 Concen: 2.140 ug/l
 RT: 13.503 min Scan# 4293
 Delta R.T. 0.000 min
 Lab File: VN069427.D
 Acq: 9 Nov 2021 19:19

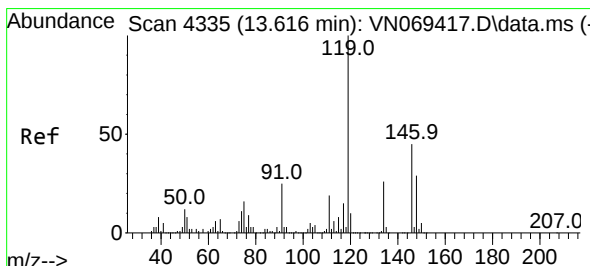
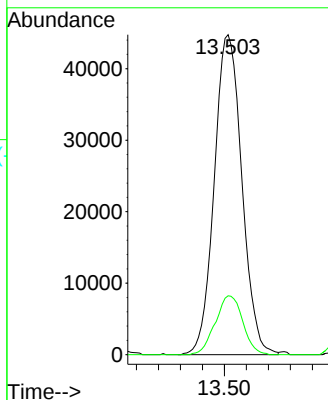
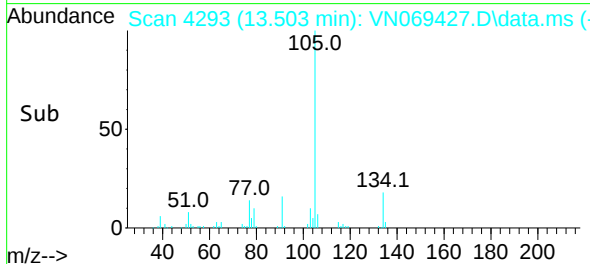
Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2021



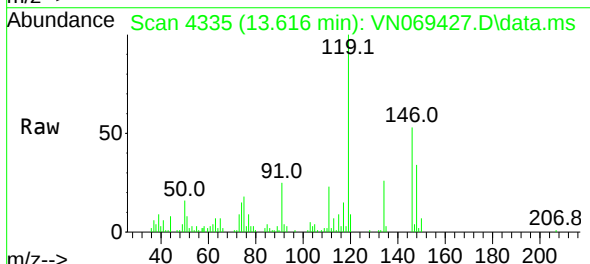
Tgt Ion:105 Resp: 7799
 Ion Ratio Lower Upper
 105 100
 134 18.3 10.4 31.1

Manual Integrations
 APPROVED

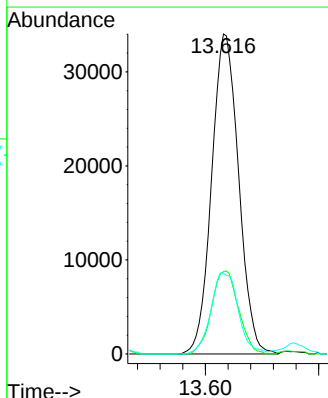
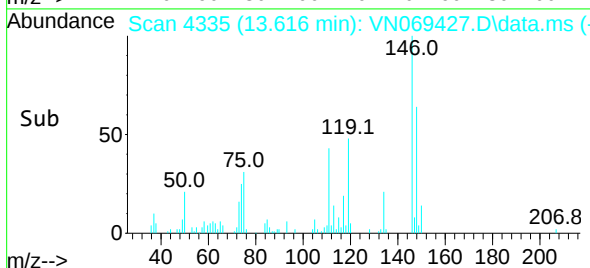
Reviewed By :John Carlone 11/11/2021
 Supervised By :Semsettin Yesilyurt 11/17/2021

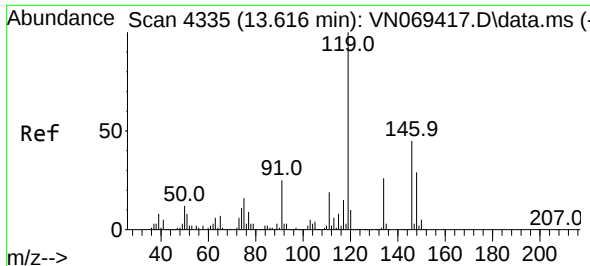


#86
 p-Isopropyltoluene
 Concen: 1.943 ug/l
 RT: 13.616 min Scan# 4335
 Delta R.T. -0.000 min
 Lab File: VN069427.D
 Acq: 9 Nov 2021 19:19



Tgt Ion:119 Resp: 56219
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.6 40.7
 91 25.9 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 2.099 ug/l

RT: 13.616 min Scan# 4335

Delta R.T. -0.000 min

Lab File: VN069427.D

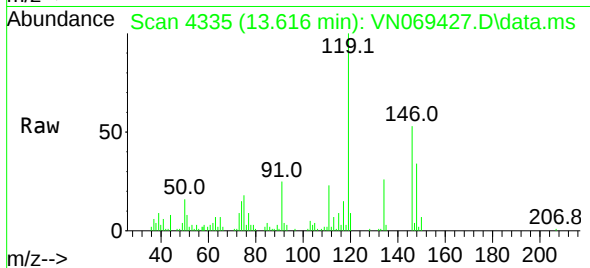
Acq: 9 Nov 2021 19:19

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2021



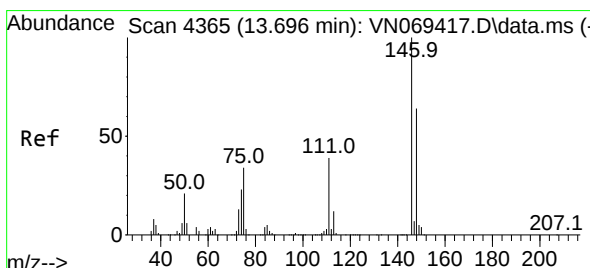
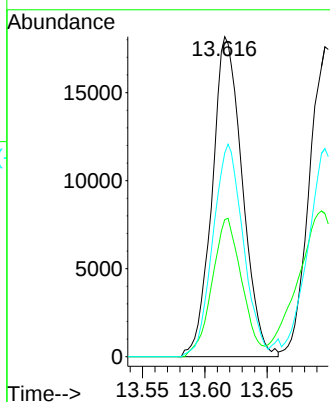
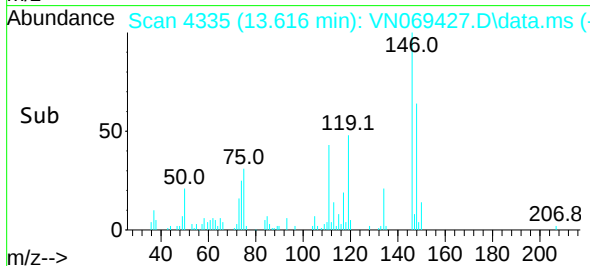
Tgt Ion:	146	Resp:	30658
Ion Ratio	Lower	Upper	
146	100		
111	42.5	18.6	55.6
148	66.8	31.6	95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2021

Supervised By :Semsettin Yesilyurt 11/17/2021



#88

1,4-Dichlorobenzene

Concen: 2.235 ug/l m

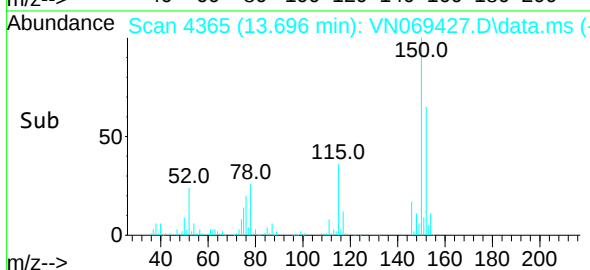
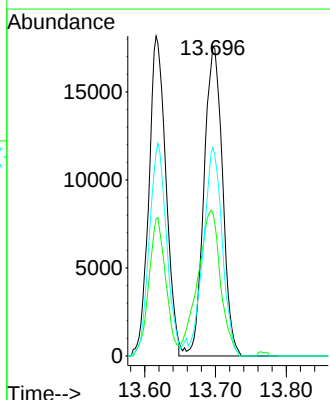
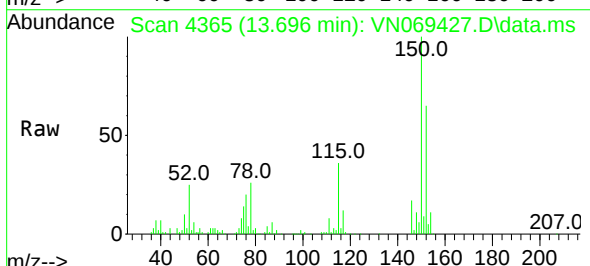
RT: 13.696 min Scan# 4365

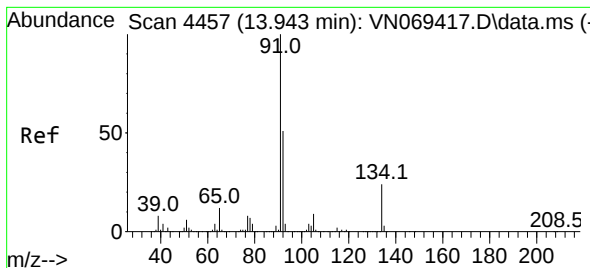
Delta R.T. 0.000 min

Lab File: VN069427.D

Acq: 9 Nov 2021 19:19

Tgt Ion:	146	Resp:	32024
Ion Ratio	Lower	Upper	
146	100		
111	40.7	18.3	54.8
148	64.0	31.8	95.4





#89

n-Butylbenzene

Concen: 1.839 ug/l

RT: 13.943 min Scan# 4457

Delta R.T. 0.000 min

Lab File: VN069427.D

Acq: 9 Nov 2021 19:19

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2021

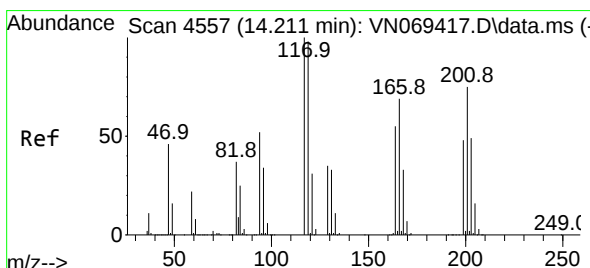
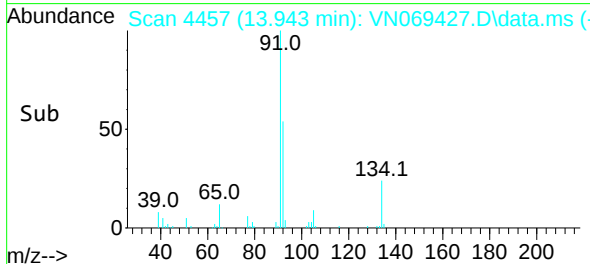
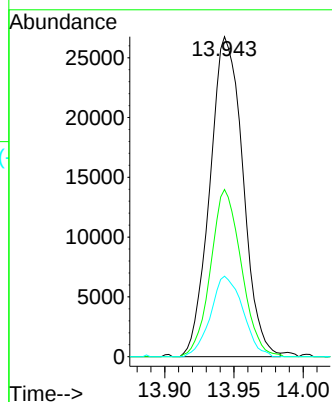
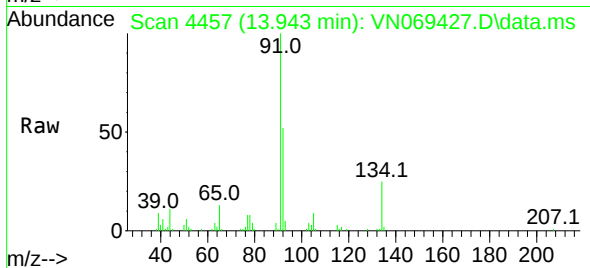
Tgt Ion:	91	Resp:	44370
Ion Ratio	Lower	Upper	
91	100		
92	48.7	25.4	76.0
134	24.6	13.6	40.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2021

Supervised By :Semsettin Yesilyurt 11/17/2021



#90

Hexachloroethane

Concen: 3.676 ug/l

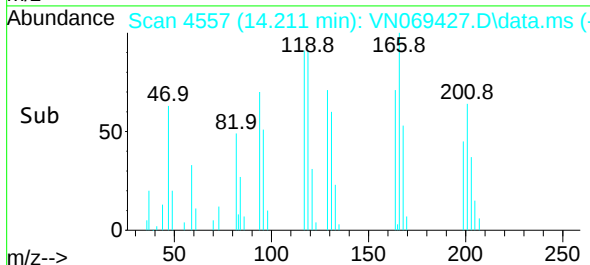
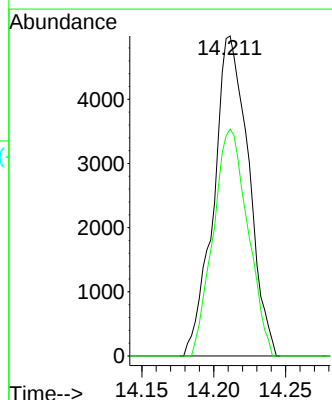
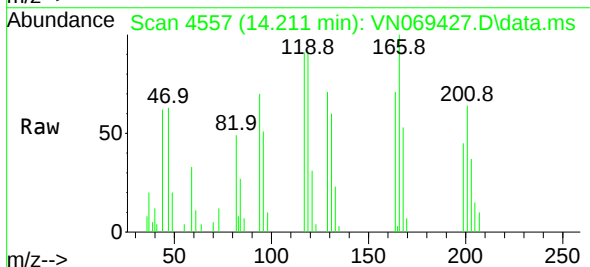
RT: 14.211 min Scan# 4557

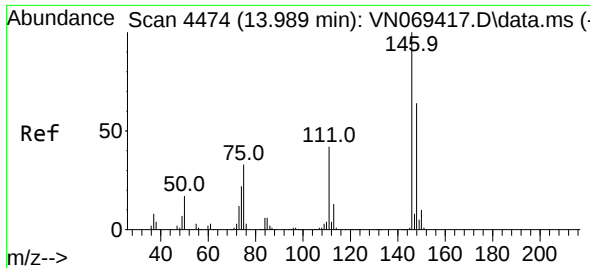
Delta R.T. 0.000 min

Lab File: VN069427.D

Acq: 9 Nov 2021 19:19

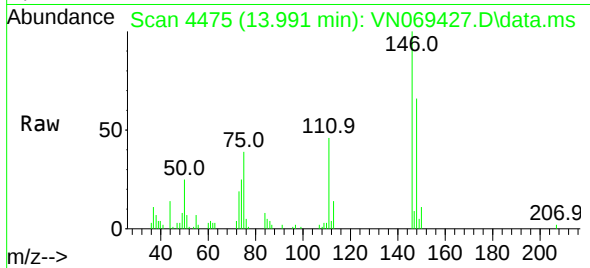
Tgt Ion:	117	Resp:	8418
Ion Ratio	Lower	Upper	
117	100		
201	70.1	43.9	131.6





#91
1,2-Dichlorobenzene
Concen: 2.172 ug/l
RT: 13.991 min Scan# 4475
Delta R.T. 0.002 min
Lab File: VN069427.D
Acq: 9 Nov 2021 19:19

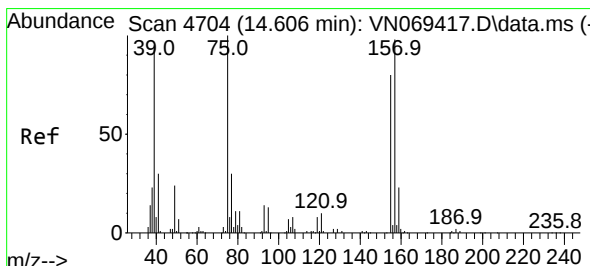
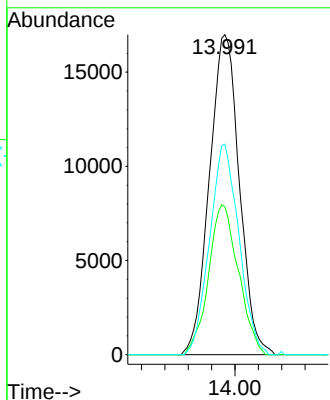
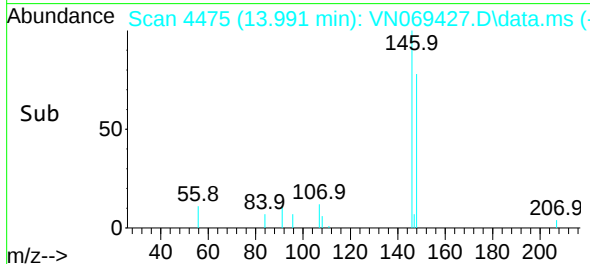
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



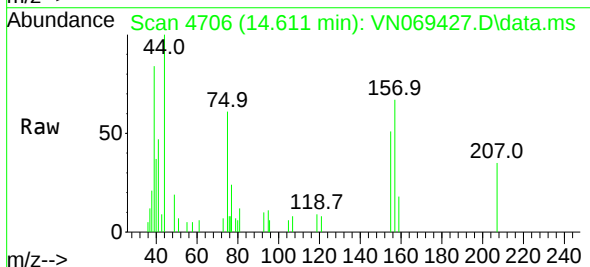
Tgt Ion:146 Resp: 30180
Ion Ratio Lower Upper
146 100
111 46.9 19.1 57.3
148 64.7 32.1 96.3

Manual Integrations
APPROVED

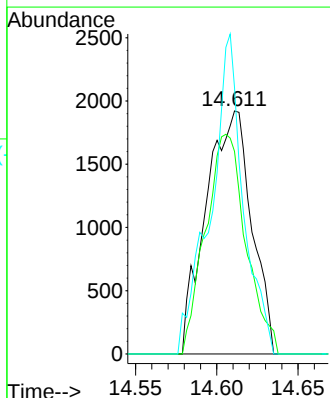
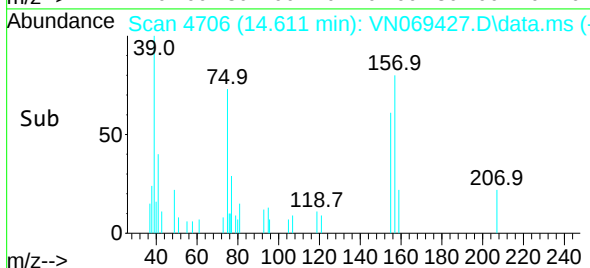
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/17/2021

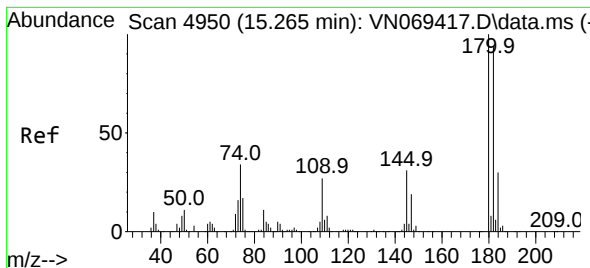


#92
1,2-Dibromo-3-Chloropropane
Concen: 3.366 ug/l
RT: 14.611 min Scan# 4706
Delta R.T. 0.005 min
Lab File: VN069427.D
Acq: 9 Nov 2021 19:19



Tgt Ion: 75 Resp: 3760
Ion Ratio Lower Upper
75 100
155 79.8 46.9 140.7
157 94.0 60.6 181.7





#93

1,2,4-Trichlorobenzene

Concen: 4.427 ug/l

RT: 15.265 min Scan# 4950

Delta R.T. 0.000 min

Lab File: VN069427.D

Acq: 9 Nov 2021 19:19

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2021

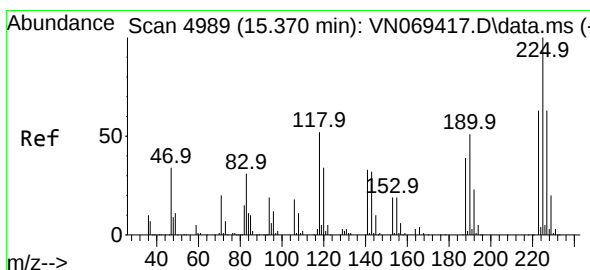
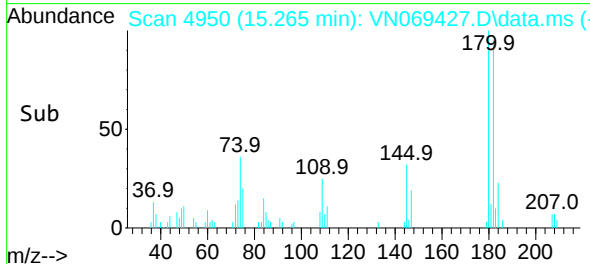
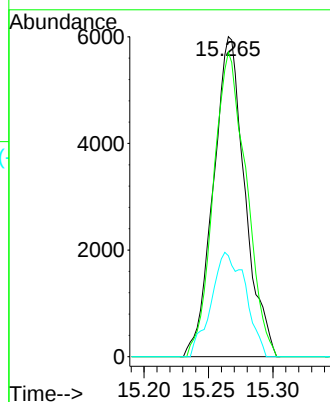
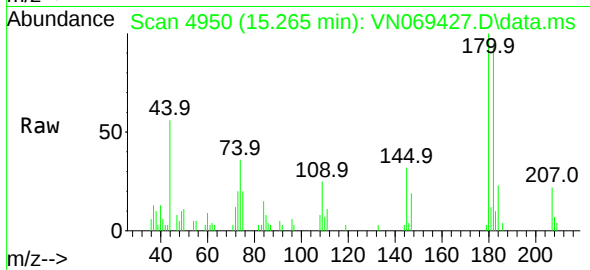
Tgt Ion:	180	Resp:	1019
Ion Ratio	Lower	Upper	
180	100		
182	99.2	48.3	144.9
145	35.5	14.5	43.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2021

Supervised By :Semsettin Yesilyurt 11/17/2021



#94

Hexachlorobutadiene

Concen: 2.147 ug/l

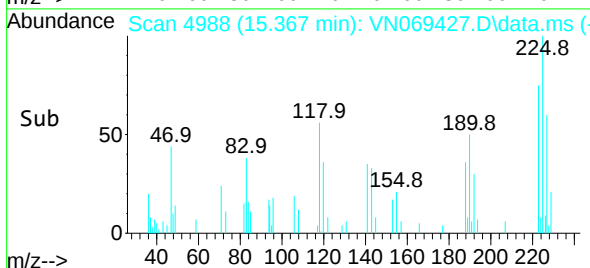
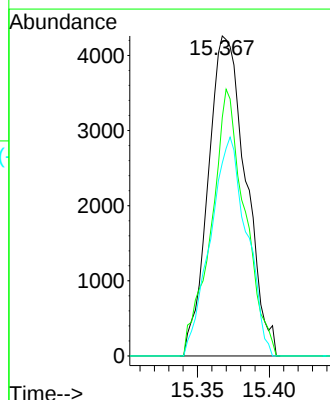
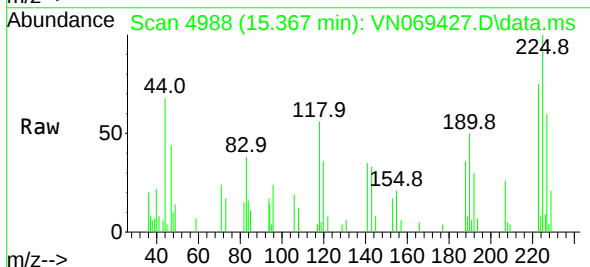
RT: 15.367 min Scan# 4988

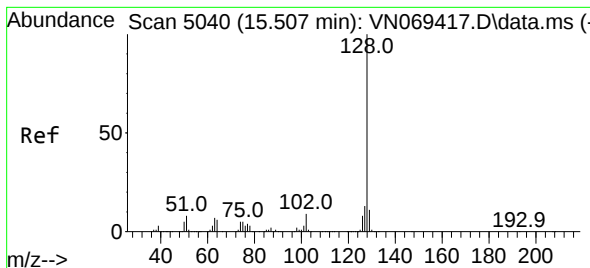
Delta R.T. -0.003 min

Lab File: VN069427.D

Acq: 9 Nov 2021 19:19

Tgt Ion:	225	Resp:	7753
Ion Ratio	Lower	Upper	
225	100		
223	74.5	31.9	95.7
227	65.8	32.1	96.3





#95

Naphthalene

Concen: 5.685 ug/l

RT: 15.512 min Scan# 5040

Delta R.T. 0.005 min

Lab File: VN069427.D

Acq: 9 Nov 2021 19:19

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2021

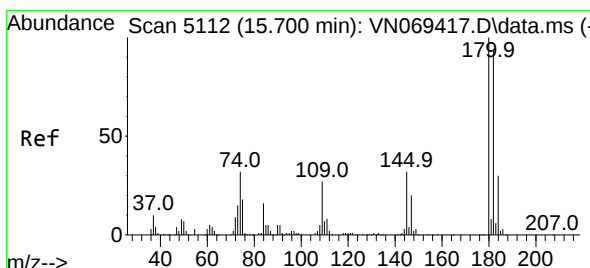
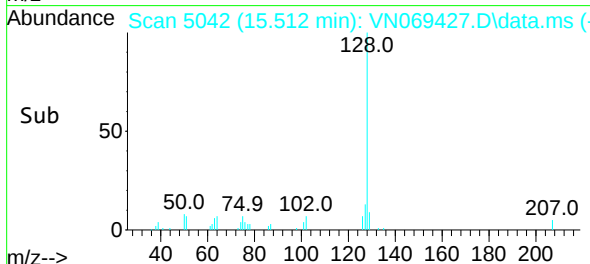
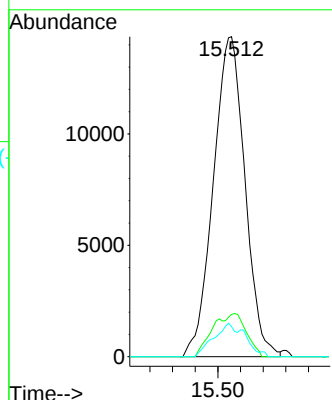
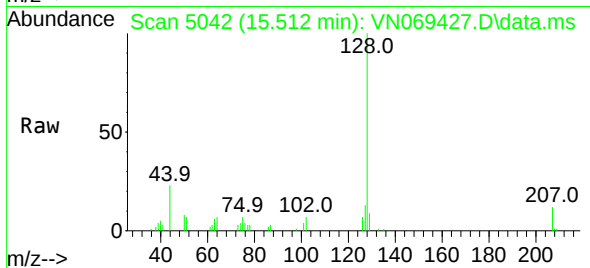
Tgt Ion:	128	Resp:	27824
Ion Ratio	Lower	Upper	
128	100		
127	5.5	10.5	15.7
129	7.3	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2021

Supervised By :Semsettin Yesilyurt 11/17/2021



#96

1,2,3-Trichlorobenzene

Concen: 4.637 ug/l

RT: 15.708 min Scan# 5115

Delta R.T. 0.008 min

Lab File: VN069427.D

Acq: 9 Nov 2021 19:19

Tgt Ion:	180	Resp:	10908
Ion Ratio	Lower	Upper	
180	100		
182	93.1	47.4	142.2
145	33.1	15.0	45.1

