

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110921\
 Data File : VN069425.D
 Acq On : 9 Nov 2021 18:28
 Operator : JC/MD
 Sample : M4068-07 .5PPB
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: Nov 10 16:17:02 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	889278	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	1592414	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	1375286	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	444813	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	748448	58.046	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 116.100%			
35) Dibromofluoromethane	8.024	113	481785	50.445	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 100.900%			
50) Toluene-d8	10.443	98	1922194	51.173	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 102.340%			
62) 4-Bromofluorobenzene	12.733	95	560254	40.601	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 81.200%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.075	85	3654	0.385	ug/l	93
3) Chloromethane	2.306	50	7102	0.645	ug/l	91
4) Vinyl Chloride	2.445	62	4403	0.399	ug/l #	78
5) Bromomethane	2.861	94	7087	0.989	ug/l	97
6) Chloroethane	3.038	64	3566m	0.479	ug/l	
7) Trichlorofluoromethane	3.376	101	7372	0.432	ug/l	90
8) Diethyl Ether	3.824	74	2540m	0.460	ug/l	
9) 1,1,2-Trichlorotrifluo...	4.199	101	3299m	0.411	ug/l	
10) Methyl Iodide	4.425	142	4029m	0.409	ug/l	
11) Tert butyl alcohol	5.393	59	4752m	2.045	ug/l	
12) 1,1-Dichloroethene	4.186	96	3085	0.428	ug/l #	80
13) Acrolein	4.044	56	2429m	0.792	ug/l	
14) Allyl chloride	4.848	41	7684m	0.482	ug/l	
15) Acrylonitrile	5.570	53	12404m	2.085	ug/l	
16) Acetone	4.293	43	16128	2.318	ug/l	91
17) Carbon Disulfide	4.521	76	7443	0.437	ug/l	95
18) Methyl Acetate	4.870	43	13277	0.587	ug/l #	66
19) Methyl tert-butyl Ether	5.621	73	11530	0.378	ug/l	92
20) Methylene Chloride	5.084	84	9913m	1.005	ug/l	
21) trans-1,2-Dichloroethene	5.602	96	3097m	0.385	ug/l	
22) Diisopropyl ether	6.498	45	12712	0.370	ug/l #	86
23) Vinyl Acetate	6.441	43	38677	1.457	ug/l #	92
24) 1,1-Dichloroethane	6.382	63	6847	0.392	ug/l #	83
25) 2-Butanone	7.345	43	17115	1.817	ug/l #	89
26) 2,2-Dichloropropane	7.329	77	5002m	0.366	ug/l	
27) cis-1,2-Dichloroethene	7.321	96	4138m	0.415	ug/l	
28) Bromochloromethane	7.667	49	3965m	0.443	ug/l	
29) Tetrahydrofuran	7.691	42	11116	1.923	ug/l	87
30) Chloroform	7.820	83	7044	0.393	ug/l	98
31) Cyclohexane	8.088	56	30512	1.732	ug/l #	48
32) 1,1,1-Trichloroethane	8.018	97	5786	0.387	ug/l #	24
36) 1,1-Dichloropropene	8.225	75	5437	0.406	ug/l #	77
37) Ethyl Acetate	7.426	43	9958m	0.550	ug/l	
38) Carbon Tetrachloride	8.206	117	4993	0.386	ug/l #	76
39) Methylcyclohexane	9.461	83	6112	0.367	ug/l #	85
40) Benzene	8.461	78	15726	0.380	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.640	41	4547m	0.486	ug/l	
42) 1,2-Dichloroethane	8.528	62	7557m	0.467	ug/l	
43) Isopropyl Acetate	8.566	43	9848	0.339	ug/l #	57
44) Trichloroethene	9.225	130	4627m	0.467	ug/l	
45) 1,2-Dichloropropane	9.496	63	4199	0.380	ug/l #	81
46) Dibromomethane	9.585	93	2745m	0.371	ug/l	
47) Bromodichloromethane	9.764	83	4721	0.342	ug/l	97
48) Methyl methacrylate	9.561	41	5096	0.372	ug/l	85
49) 1,4-Dioxane	9.574	88	2040m	46.285	ug/l	
51) 4-Methyl-2-Pentanone	10.333	43	31840	1.696	ug/l	94
52) Toluene	10.507	92	12791	0.496	ug/l	94
53) t-1,3-Dichloropropene	10.722	75	4100	2.866	ug/l #	84
54) cis-1,3-Dichloropropene	10.194	75	4487	1.975	ug/l #	85
55) 1,1,2-Trichloroethane	10.902	97	3564	0.343	ug/l	90
56) Ethyl methacrylate	10.767	69	5171	2.306	ug/l #	72
57) 1,3-Dichloropropane	11.049	76	6175	0.338	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.043	63	5754	23.809	ug/l	99
59) 2-Hexanone	11.089	43	25159	9.478	ug/l	90
60) Dibromochloromethane	11.237	129	2760	2.648	ug/l	57
61) 1,2-Dibromoethane	11.352	107	3734	1.386	ug/l	92
64) Tetrachloroethene	10.977	164	3485	0.420	ug/l #	85
65) Chlorobenzene	11.773	112	10309	0.403	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.843	131	2539	0.286	ug/l #	52
67) Ethyl Benzene	11.846	91	17224	0.365	ug/l	89
68) m/p-Xylenes	11.956	106	12060	0.695	ug/l	98
69) o-Xylene	12.283	106	5713	0.330	ug/l	84
70) Styrene	12.291	104	8819	1.795	ug/l #	78
71) Bromoform	12.457	173	1432	3.601	ug/l #	29
73) Isopropylbenzene	12.583	105	14366	0.406	ug/l #	68
74) N-amyl acetate	12.398	43	6913	0.461	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.830	83	5123	0.429	ug/l	99
76) 1,2,3-Trichloropropane	12.884	75	7649m	0.745	ug/l	
77) Bromobenzene	12.862	156	3895	0.481	ug/l	81
78) n-propylbenzene	12.921	91	16437	0.412	ug/l	96
79) 2-Chlorotoluene	13.012	91	10986	0.445	ug/l	92
80) 1,3,5-Trimethylbenzene	13.061	105	11960	0.418	ug/l	93
81) trans-1,4-Dichloro-2-b...	12.634	75	578m	5.936	ug/l	
82) 4-Chlorotoluene	13.106	91	10039	0.427	ug/l	99
83) tert-Butylbenzene	13.323	119	10528	0.420	ug/l	91
84) 1,2,4-Trimethylbenzene	13.372	105	10688	0.387	ug/l	95
85) sec-Butylbenzene	13.506	105	13092	0.374	ug/l	92
86) p-Isopropyltoluene	13.616	119	10028	0.360	ug/l	96
87) 1,3-Dichlorobenzene	13.618	146	6034	0.430	ug/l	90
88) 1,4-Dichlorobenzene	13.693	146	6734m	0.489	ug/l	
89) n-Butylbenzene	13.943	91	8873	0.382	ug/l	95
90) Hexachloroethane	14.219	117	1332	2.411	ug/l	72
91) 1,2-Dichlorobenzene	13.994	146	6411	0.480	ug/l	93
92) 1,2-Dibromo-3-Chloropr...	14.605	75	774	2.133	ug/l #	53
93) 1,2,4-Trichlorobenzene	15.262	180	3107	3.530	ug/l	98
94) Hexachlorobutadiene	15.370	225	1353	0.390	ug/l	70
95) Naphthalene	15.509	128	12216	5.015	ug/l	99
96) 1,2,3-Trichlorobenzene	15.702	180	3855	3.709	ug/l	99

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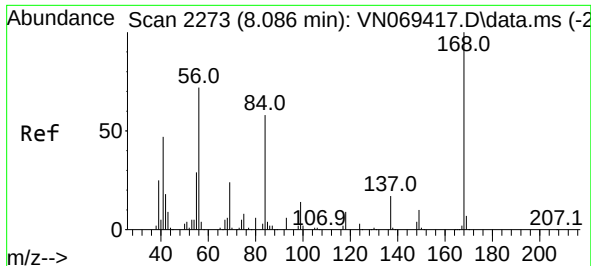
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

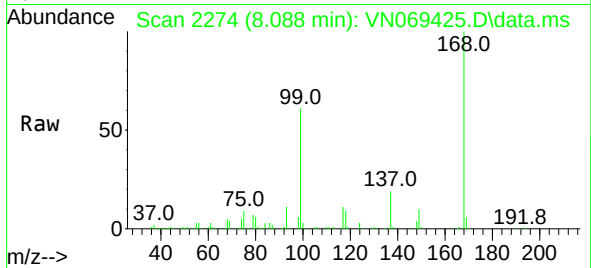
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN069425.D
Acq: 9 Nov 2021 18:28

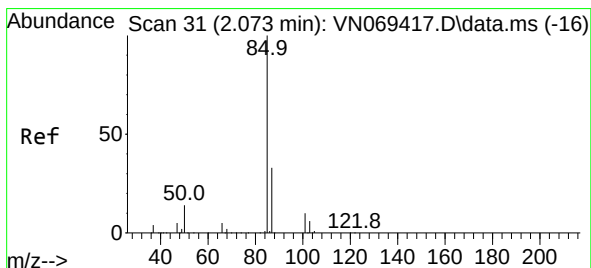
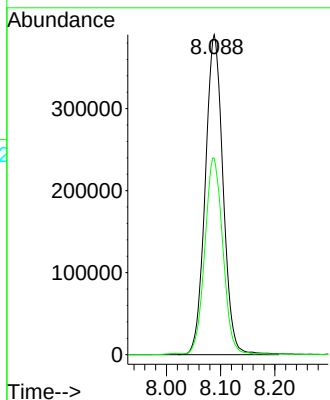
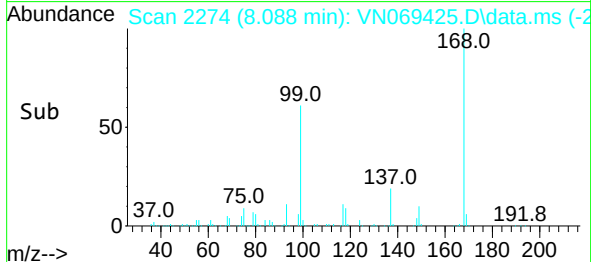
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Tgt Ion:168 Resp: 889278
Ion Ratio Lower Upper
168 100
99 61.2 41.3 61.9

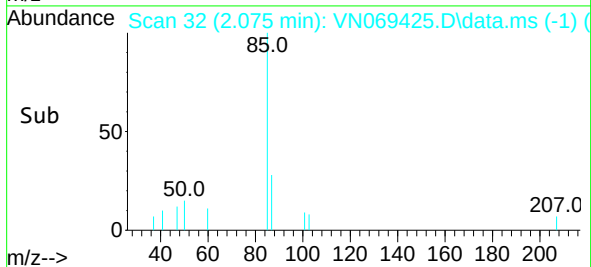
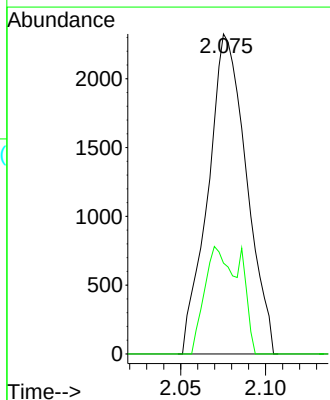
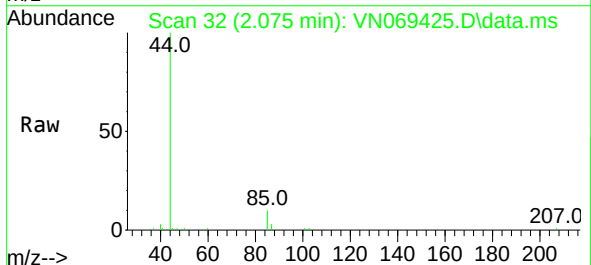
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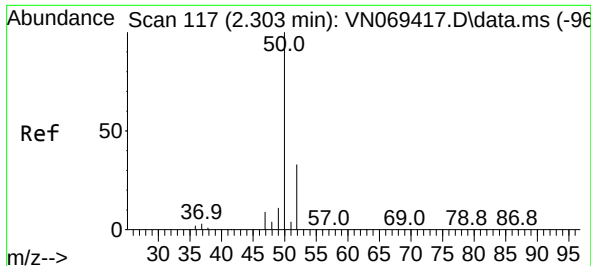
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#2
Dichlorodifluoromethane
Concen: 0.385 ug/l
RT: 2.075 min Scan# 32
Delta R.T. 0.002 min
Lab File: VN069425.D
Acq: 9 Nov 2021 18:28

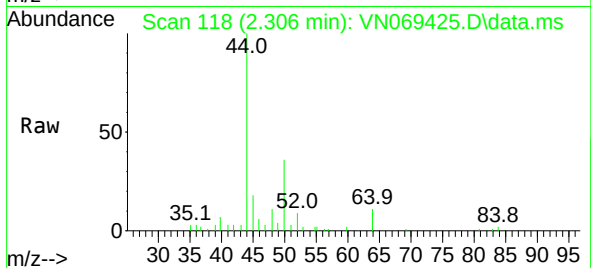
Tgt Ion: 85 Resp: 3654
Ion Ratio Lower Upper
85 100
87 28.4 16.3 48.9





#3
Chloromethane
Concen: 0.645 ug/l
RT: 2.306 min Scan# 117
Delta R.T. 0.003 min
Lab File: VN069425.D
Acq: 9 Nov 2021 18:28

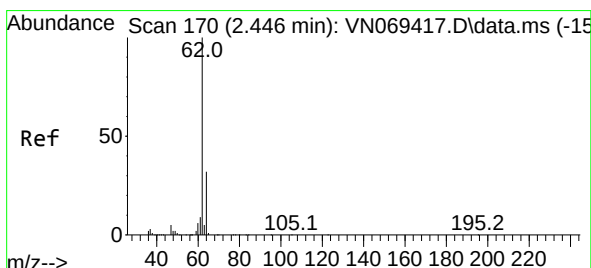
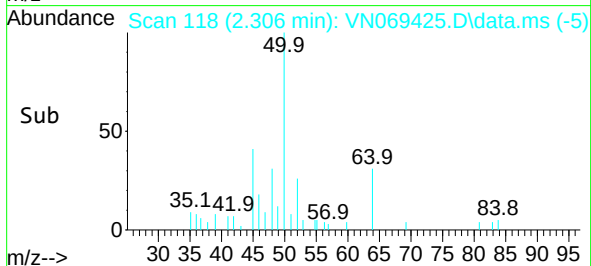
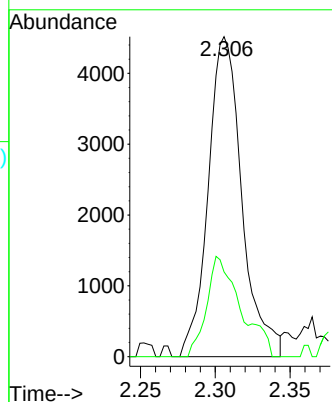
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Tgt Ion: 50 Resp: 7102
Ion Ratio Lower Upper
50 100
52 26.5 25.4 38.0

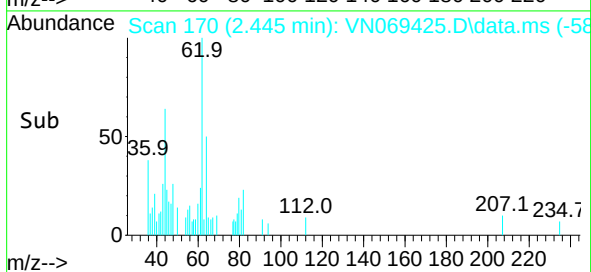
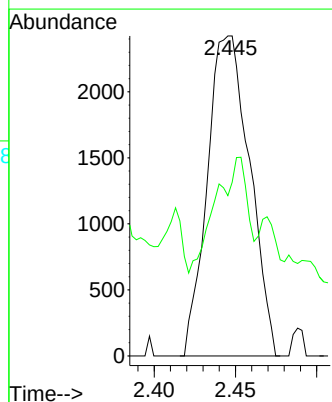
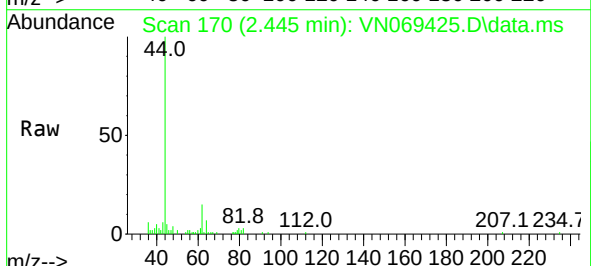
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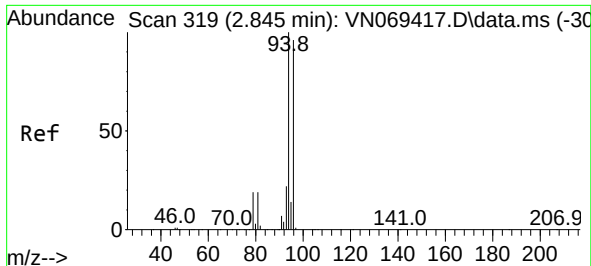
Reviewed By :John Carlone 11/11/2021
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#4
Vinyl Chloride
Concen: 0.399 ug/l
RT: 2.445 min Scan# 170
Delta R.T. -0.001 min
Lab File: VN069425.D
Acq: 9 Nov 2021 18:28

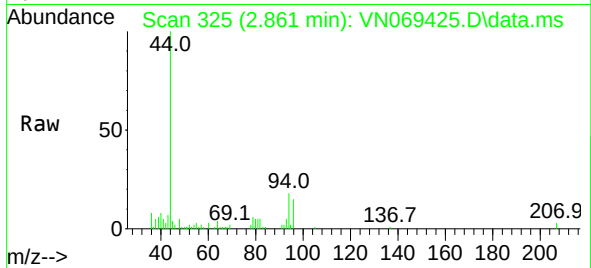
Tgt Ion: 62 Resp: 4403
Ion Ratio Lower Upper
62 100
64 20.1 25.8 38.6#





#5
Bromomethane
Concen: 0.989 ug/l
RT: 2.861 min Scan# 319
Delta R.T. 0.016 min
Lab File: VN069425.D
Acq: 9 Nov 2021 18:28

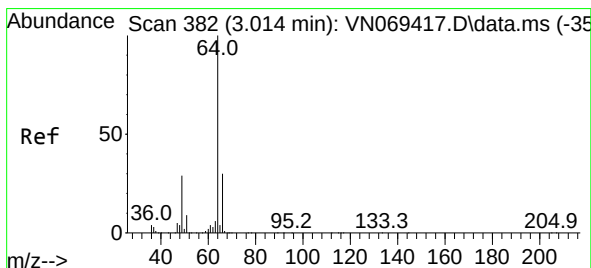
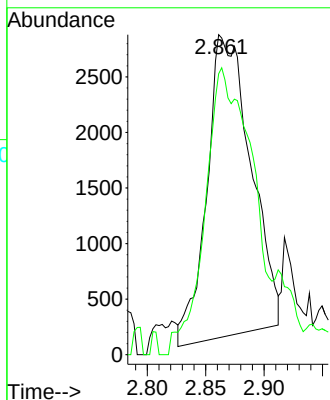
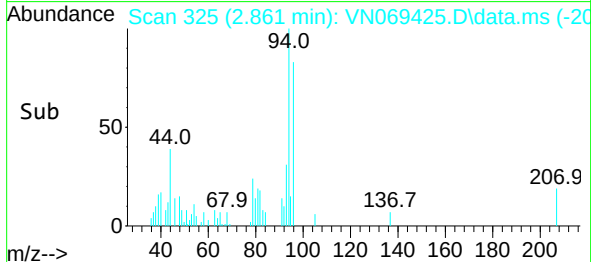
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Tgt Ion: 94 Resp: 708
Ion Ratio Lower Upper
94 100
96 89.1 73.8 110.8

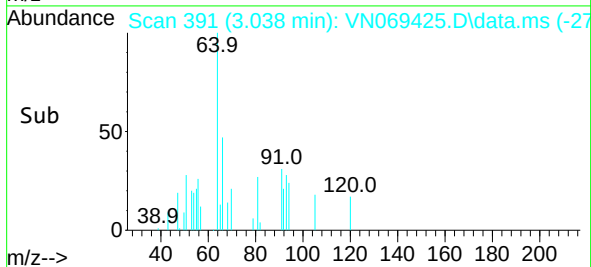
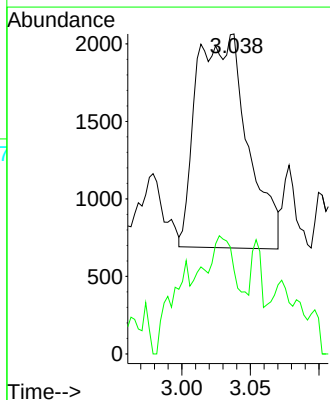
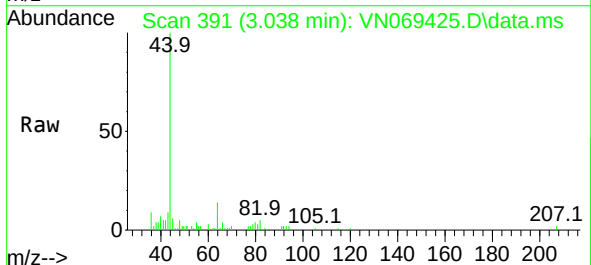
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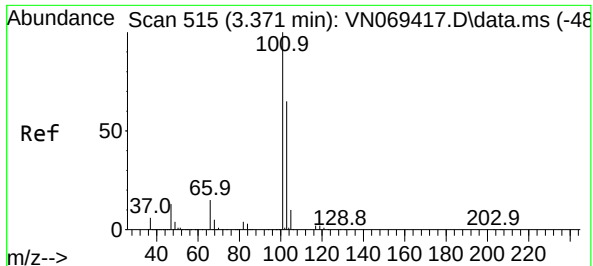
Reviewed By :John Carlone 11/11/2021
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#6
Chloroethane
Concen: 0.479 ug/l m
RT: 3.038 min Scan# 391
Delta R.T. 0.024 min
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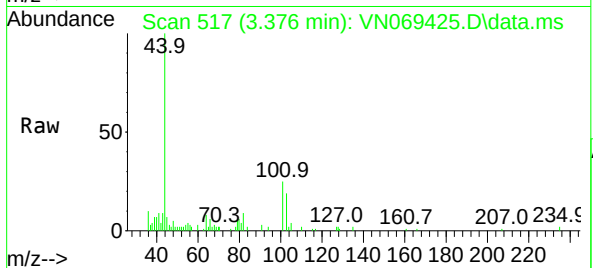
Tgt Ion: 64 Resp: 3566
Ion Ratio Lower Upper
64 100
66 26.2 26.3 39.5#





#7
Trichlorofluoromethane
Concen: 0.432 ug/l
RT: 3.376 min Scan# 515
Delta R.T. 0.005 min
Lab File: VN069425.D
Acq: 9 Nov 2021 18:28

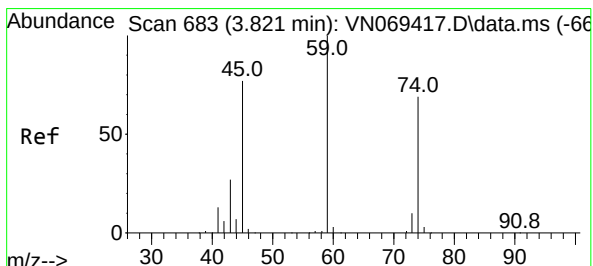
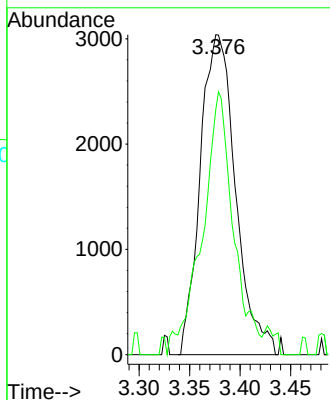
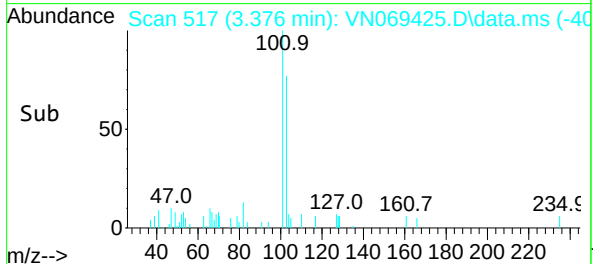
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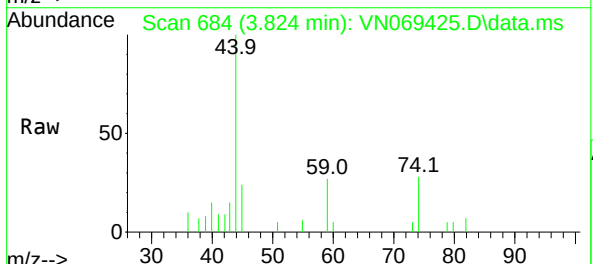
Tgt Ion:101 Resp: 7372
Ion Ratio Lower Upper
101 100
103 70.5 50.1 75.1

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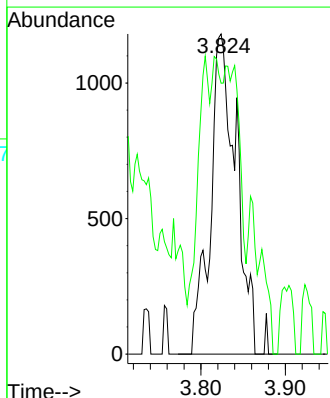
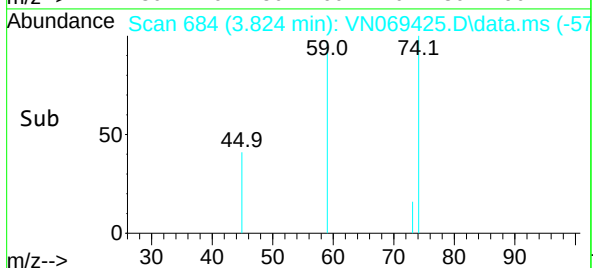
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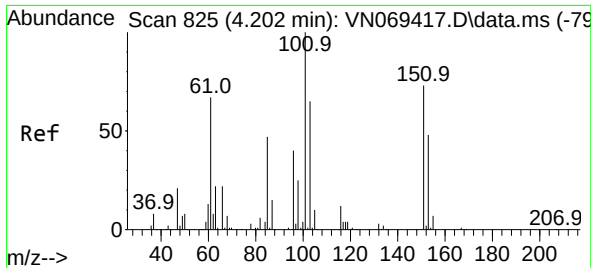


#8
Diethyl Ether
Concen: 0.460 ug/l m
RT: 3.824 min Scan# 684
Delta R.T. 0.003 min
Lab File: VN069425.D
Acq: 9 Nov 2021 18:28



Tgt Ion: 74 Resp: 2540
Ion Ratio Lower Upper
74 100
45 0.0 47.0 141.2#





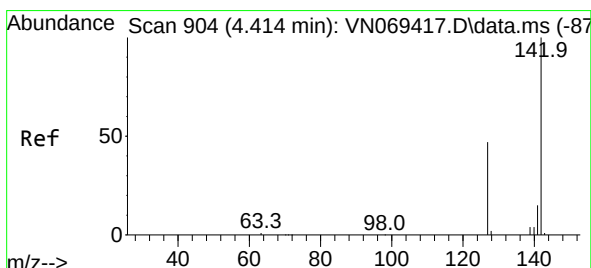
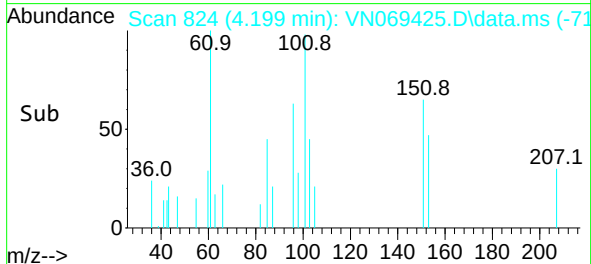
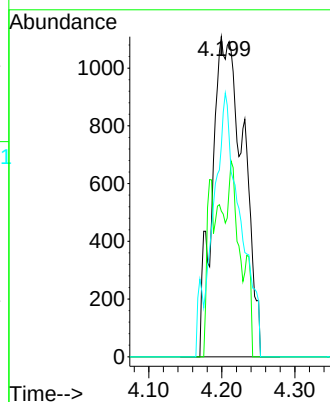
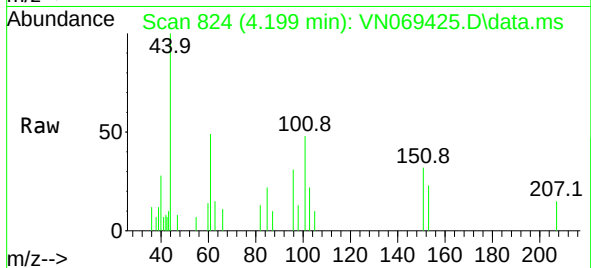
#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.411 ug/l m
RT: 4.199 min Scan# 81
Delta R.T. -0.003 min
Lab File: VN069425.D
Acq: 9 Nov 2021 18:28

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

Tgt Ion:101 Resp: 329
Ion Ratio Lower Upper
101 100
85 11.9 37.2 55.8
151 67.8 65.9 98.9

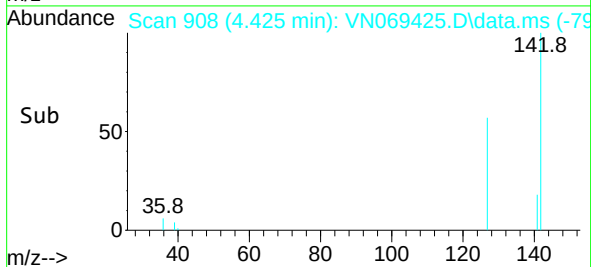
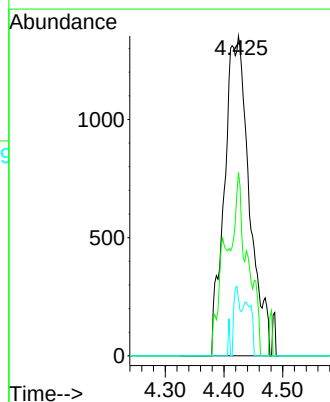
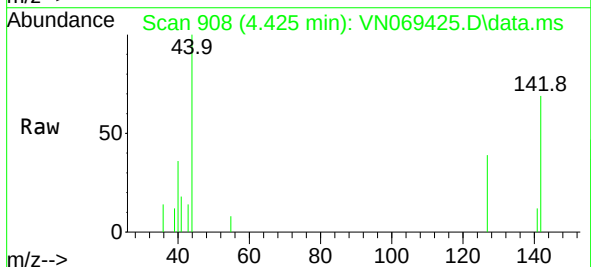
Manual Integrations
APPROVED

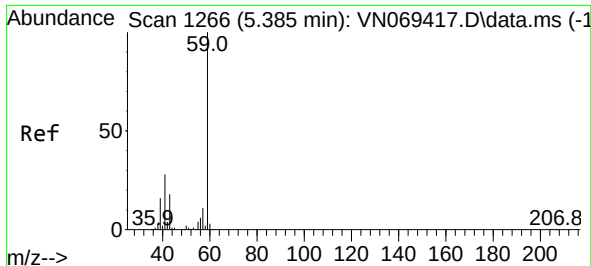
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/17/2021



#10
Methyl Iodide
Concen: 0.409 ug/l m
RT: 4.425 min Scan# 908
Delta R.T. 0.011 min
Lab File: VN069425.D
Acq: 9 Nov 2021 18:28

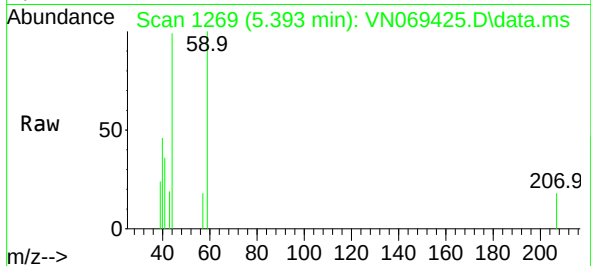
Tgt Ion:142 Resp: 4029
Ion Ratio Lower Upper
142 100
127 13.3 35.4 53.0#
141 0.6 11.6 17.4#





#11
Tert butyl alcohol
Concen: 2.045 ug/l m
RT: 5.393 min Scan# 11
Delta R.T. 0.008 min
Lab File: VN069425.D
Acq: 9 Nov 2021 18:28

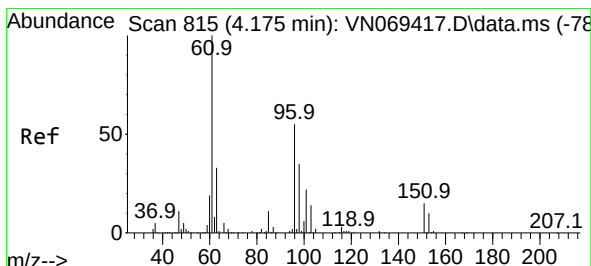
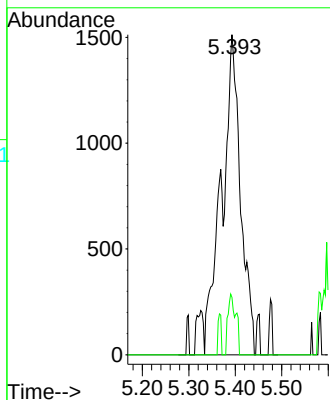
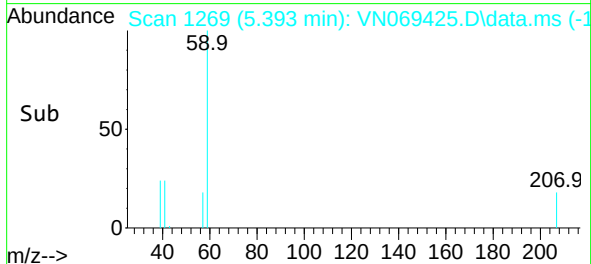
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



Tgt Ion: 59 Resp: 475
Ion Ratio Lower Upper
59 100
57 7.2 8.7 13.1

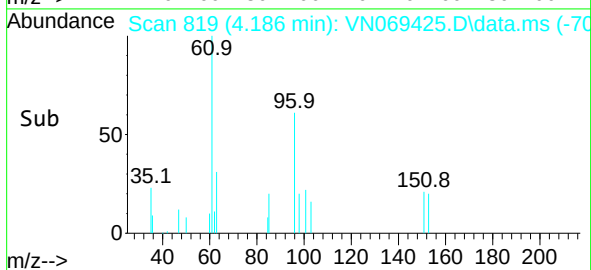
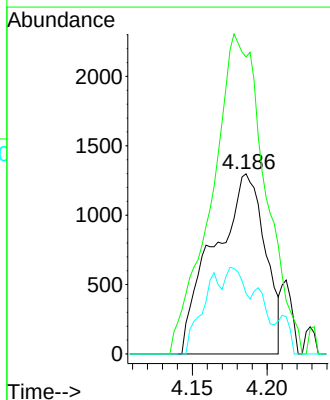
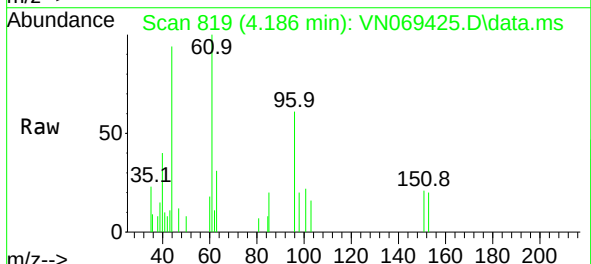
Manual Integrations
APPROVED

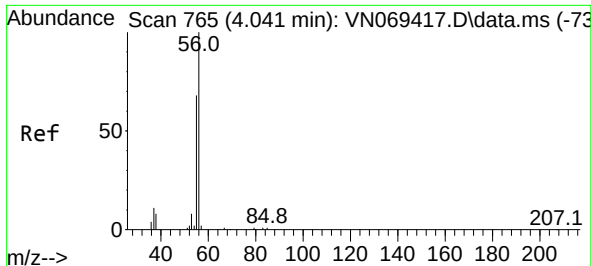
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/17/2021



#12
1,1-Dichloroethene
Concen: 0.428 ug/l
RT: 4.186 min Scan# 819
Delta R.T. 0.011 min
Lab File: VN069425.D
Acq: 9 Nov 2021 18:28

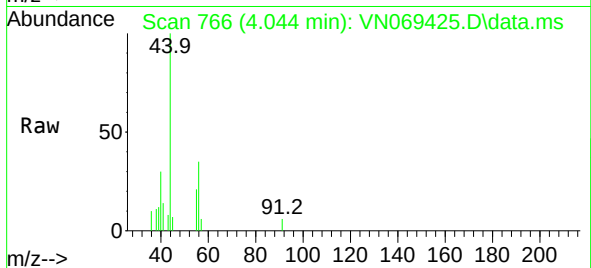
Tgt Ion: 96 Resp: 3085
Ion Ratio Lower Upper
96 100
61 147.2 131.0 196.6
98 33.6 52.4 78.6#





#13
Acrolein
Concen: 0.792 ug/l m
RT: 4.044 min Scan# 765
Delta R.T. 0.003 min
Lab File: VN069425.D
Acq: 9 Nov 2021 18:28

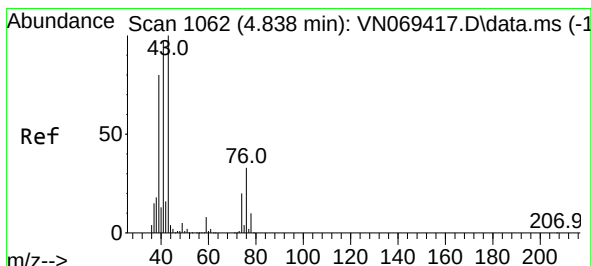
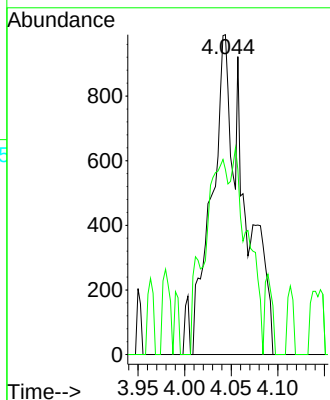
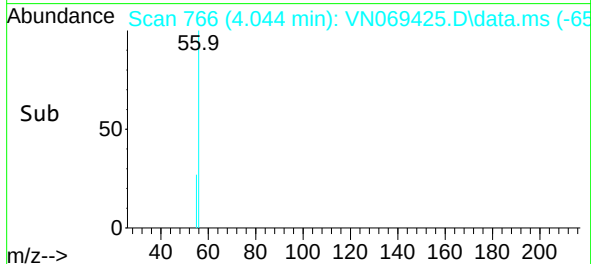
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



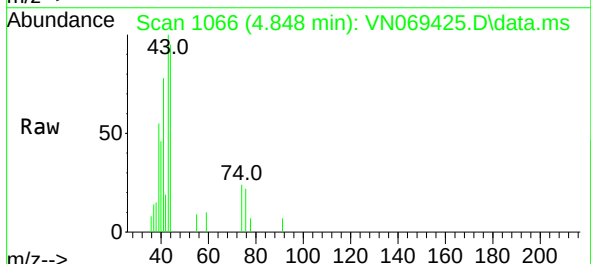
Tgt Ion: 56 Resp: 2429
Ion Ratio Lower Upper
56 100
55 16.4 56.6 85.0#

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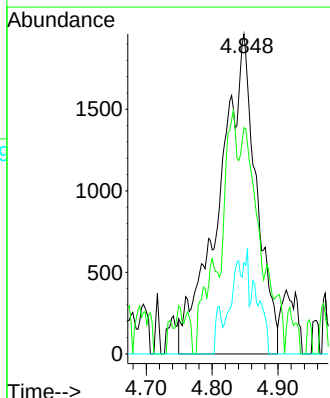
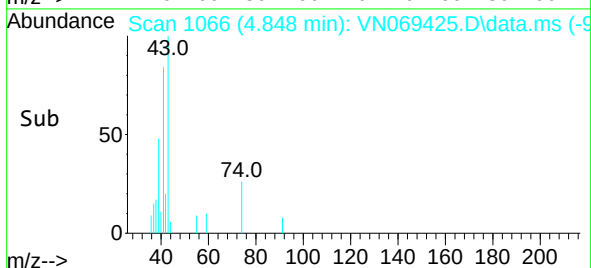
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/17/2021

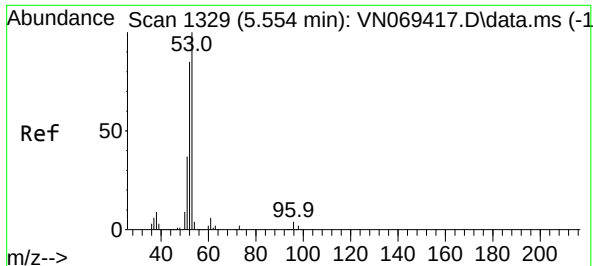


#14
Allyl chloride
Concen: 0.482 ug/l m
RT: 4.848 min Scan# 1066
Delta R.T. 0.010 min
Lab File: VN069425.D
Acq: 9 Nov 2021 18:28



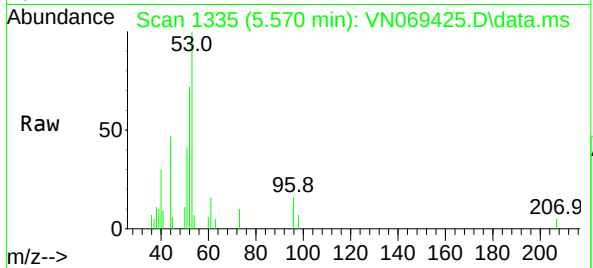
Tgt Ion: 41 Resp: 7684
Ion Ratio Lower Upper
41 100
39 15.9 61.2 91.8#
76 8.9 26.0 39.0#





#15
Acrylonitrile
Concen: 2.085 ug/l m
RT: 5.570 min Scan# 11
Delta R.T. 0.016 min
Lab File: VN069425.D
Acq: 9 Nov 2021 18:28

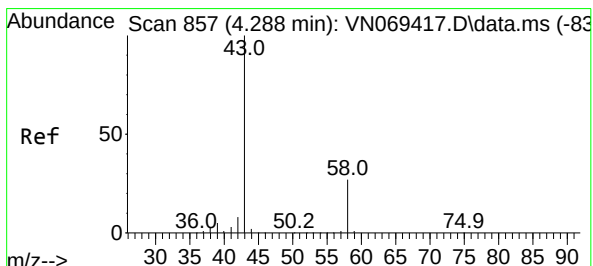
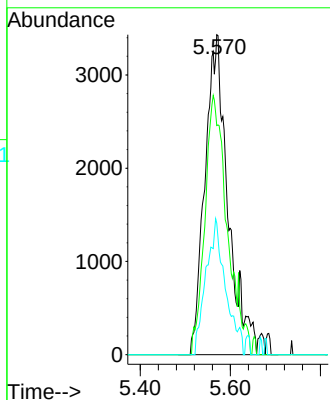
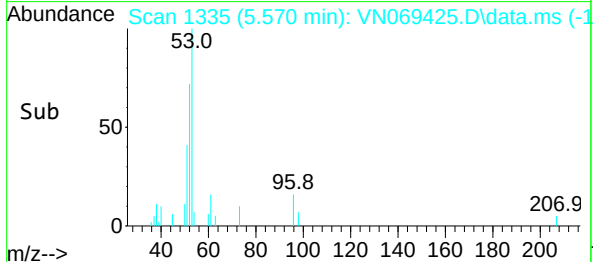
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



Tgt Ion: 53 Resp: 12404
Ion Ratio Lower Upper
53 100
52 72.1 66.2 99.2
51 34.1 29.6 44.4

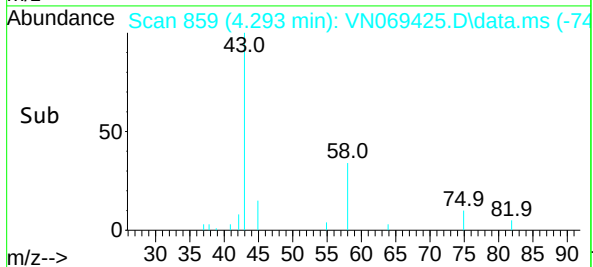
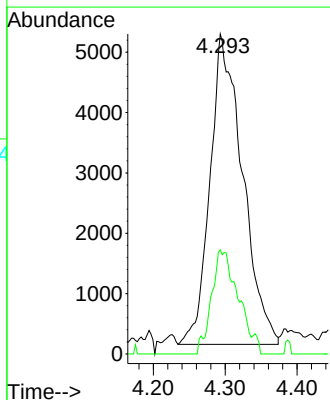
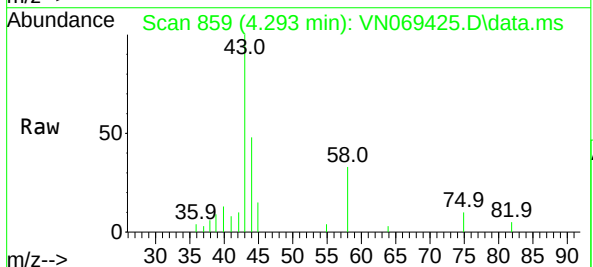
Manual Integrations
APPROVED

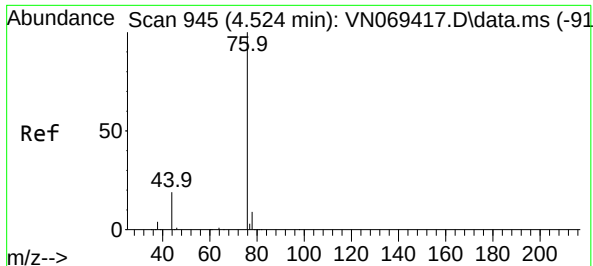
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/17/2021



#16
Acetone
Concen: 2.318 ug/l
RT: 4.293 min Scan# 859
Delta R.T. 0.005 min
Lab File: VN069425.D
Acq: 9 Nov 2021 18:28

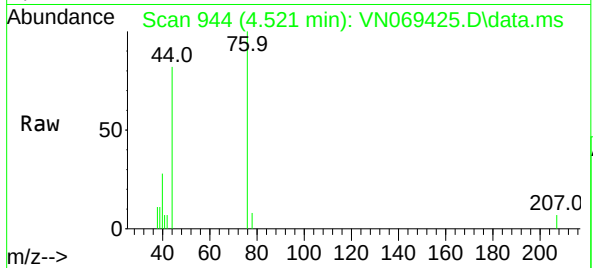
Tgt Ion: 43 Resp: 16128
Ion Ratio Lower Upper
43 100
58 33.6 23.1 34.7





#17
Carbon Disulfide
Concen: 0.437 ug/l
RT: 4.521 min Scan# 945
Delta R.T. -0.003 min
Lab File: VN069425.D
Acq: 9 Nov 2021 18:28

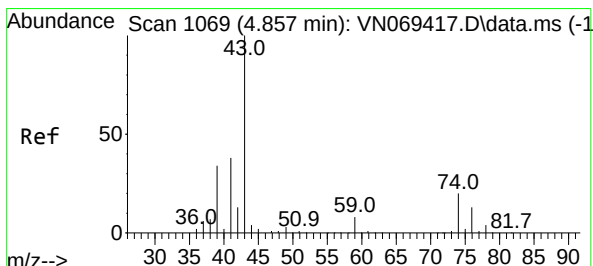
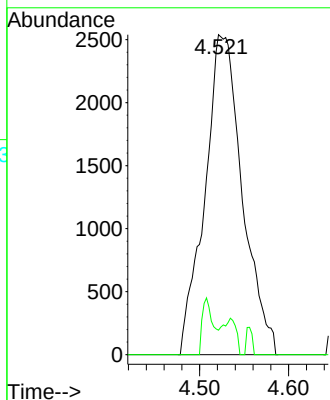
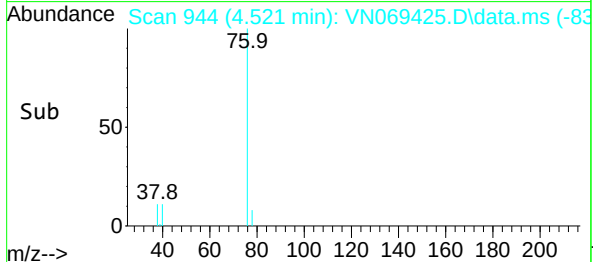
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT4-2021



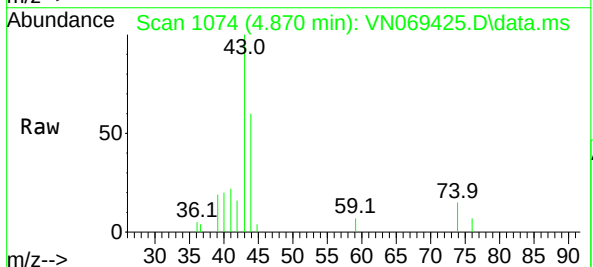
Tgt Ion: 76 Resp: 744
Ion Ratio Lower Upper
76 100
78 7.7 7.5 11.3

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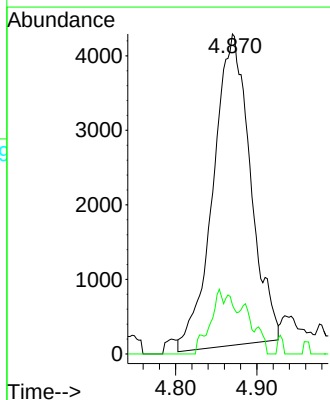
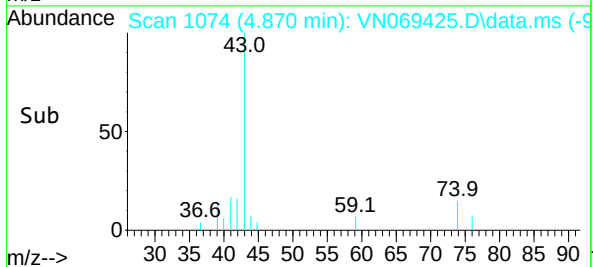
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/17/2021

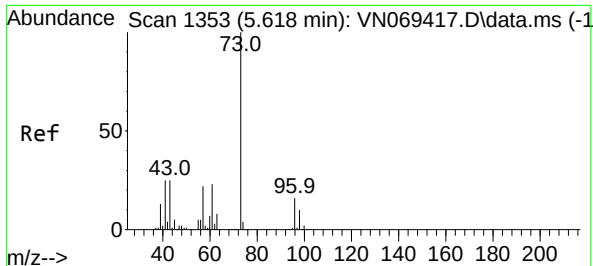


#18
Methyl Acetate
Concen: 0.587 ug/l
RT: 4.870 min Scan# 1074
Delta R.T. 0.013 min
Lab File: VN069425.D
Acq: 9 Nov 2021 18:28



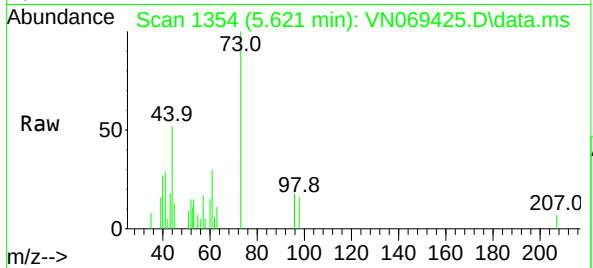
Tgt Ion: 43 Resp: 13277
Ion Ratio Lower Upper
43 100
74 7.4 19.4 29.2#





#19
Methyl tert-butyl Ether
Concen: 0.378 ug/l
RT: 5.621 min Scan# 1153
Delta R.T. 0.003 min
Lab File: VN069425.D
Acq: 9 Nov 2021 18:28

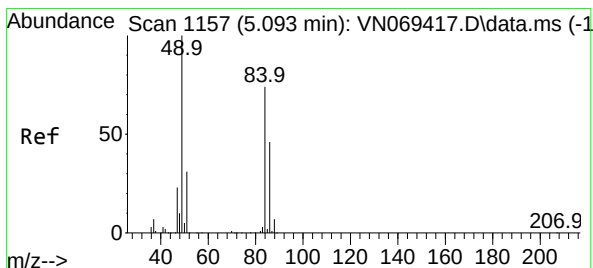
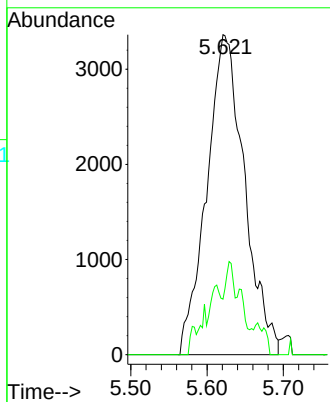
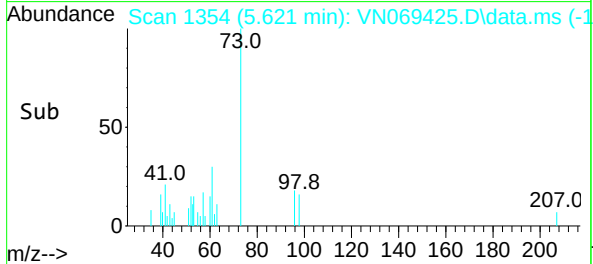
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT4-2021



Tgt Ion: 73 Resp: 1153
Ion Ratio Lower Upper
73 100
57 17.3 16.8 25.2

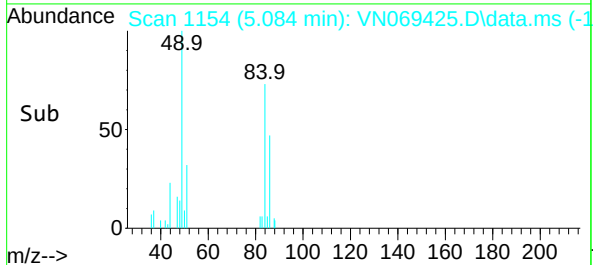
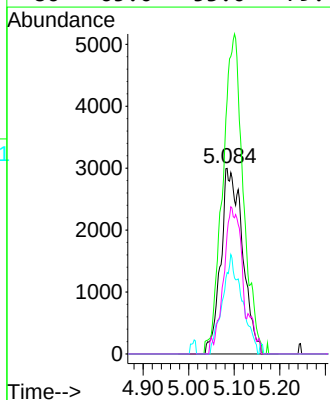
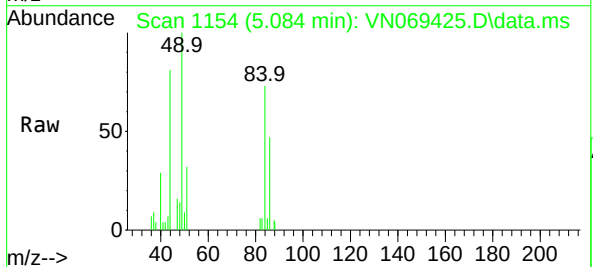
Manual Integrations
APPROVED

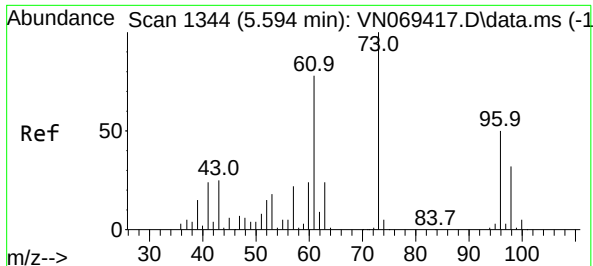
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/17/2021



#20
Methylene Chloride
Concen: 1.005 ug/l m
RT: 5.084 min Scan# 1154
Delta R.T. -0.009 min
Lab File: VN069425.D
Acq: 9 Nov 2021 18:28

Tgt Ion: 84 Resp: 9913
Ion Ratio Lower Upper
84 100
49 137.2 93.5 140.3
51 43.8 29.4 44.2
86 65.0 53.0 79.4





#21

trans-1,2-Dichloroethene

Concen: 0.385 ug/l m

RT: 5.602 min Scan# 1

Delta R.T. 0.008 min

Lab File: VN069425.D

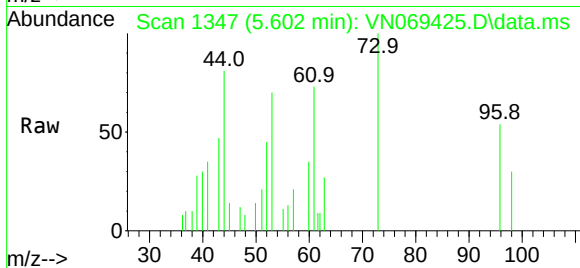
Acq: 9 Nov 2021 18:28

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2021



Tgt Ion: 96 Resp: 309

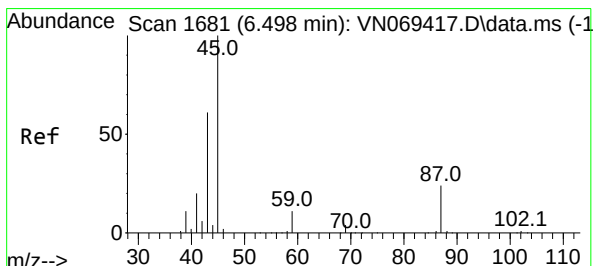
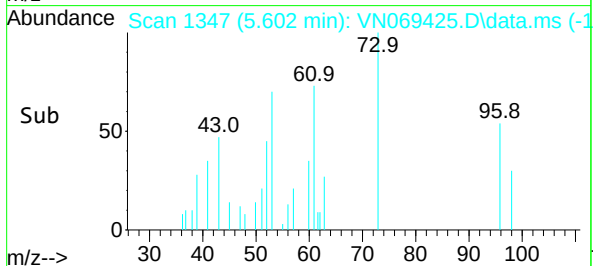
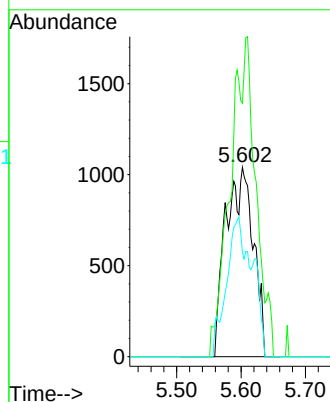
Ion	Ratio	Lower	Upper
96	100		
61	133.7	105.8	158.6
98	55.1	52.0	78.0

Manual Integrations

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Reviewed By :John Carlone 11/11/2021

Supervised By :Semsettin Yesilyurt 11/17/2021



#22

Diisopropyl ether

Concen: 0.370 ug/l

RT: 6.498 min Scan# 1681

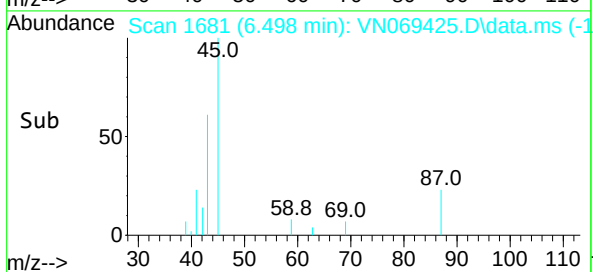
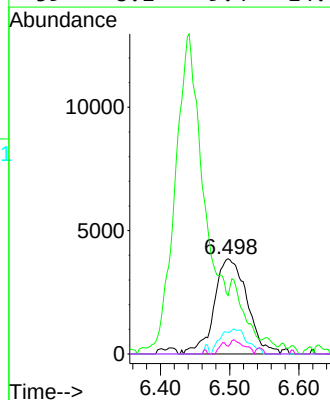
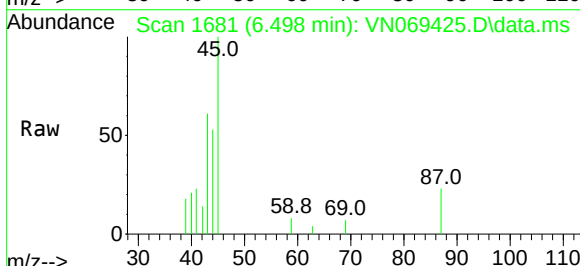
Delta R.T. -0.000 min

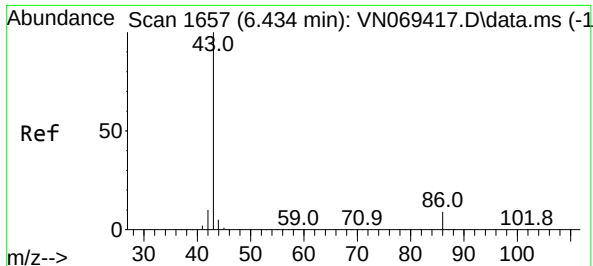
Lab File: VN069425.D

Acq: 9 Nov 2021 18:28

Tgt Ion: 45 Resp: 12712

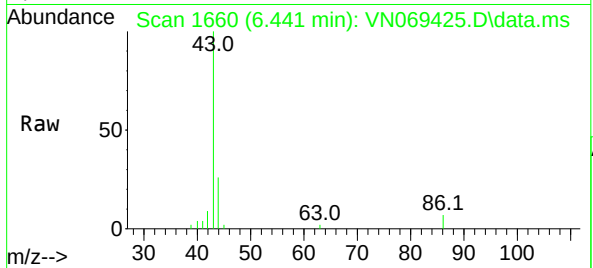
Ion	Ratio	Lower	Upper
45	100		
43	52.1	51.7	77.5
87	22.7	23.2	34.8#
59	8.1	9.4	14.0#





#23
 Vinyl Acetate
 Concen: 1.457 ug/l
 RT: 6.441 min Scan# 1660
 Delta R.T. 0.007 min
 Lab File: VN069425.D
 Acq: 9 Nov 2021 18:28

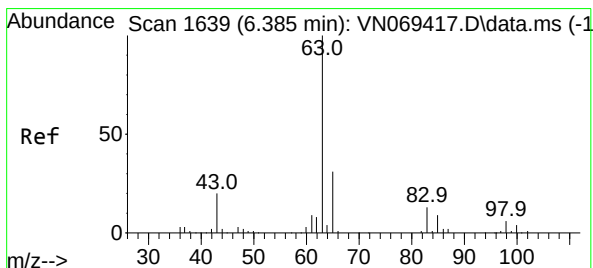
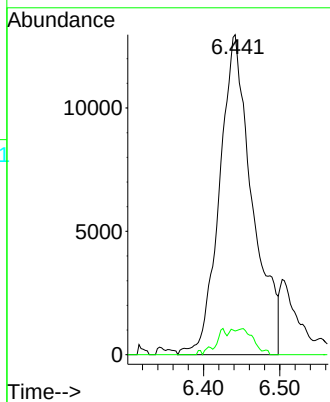
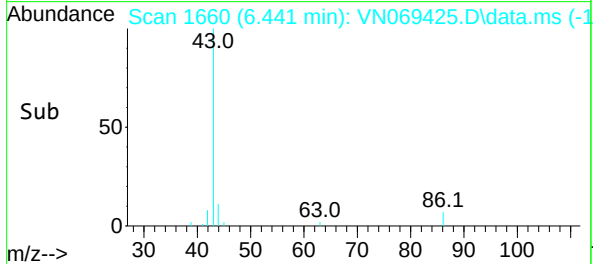
Instrument : MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2021



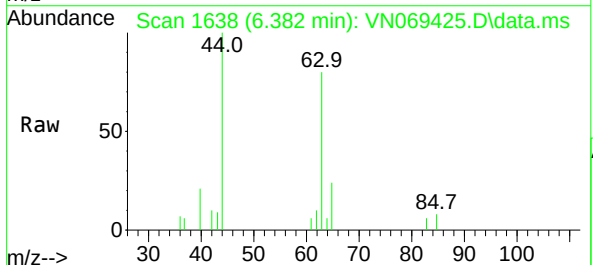
Tgt Ion: 43 Resp: 3867
 Ion Ratio Lower Upper
 43 100
 86 7.4 8.5 12.7

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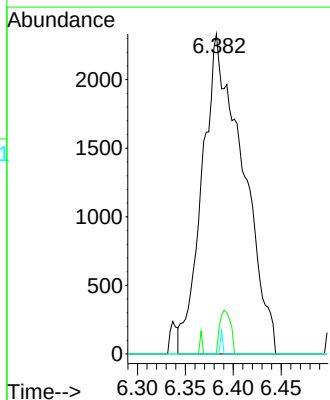
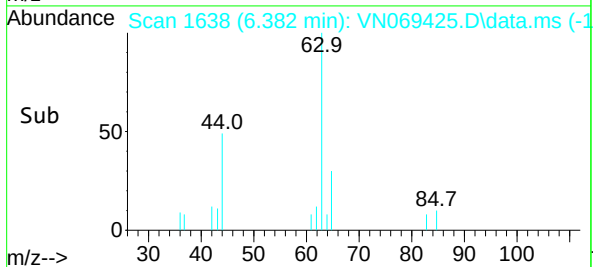
Reviewed By :John Carlone 11/11/2021
 Supervised By :Semsettin Yesilyurt 11/17/2021

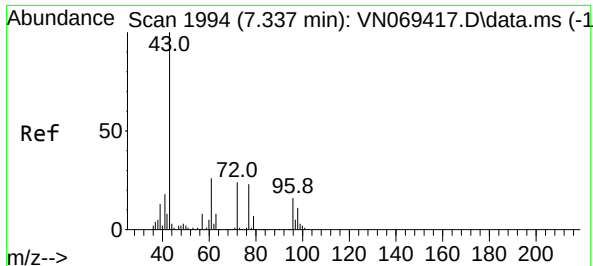


#24
 1,1-Dichloroethane
 Concen: 0.392 ug/l
 RT: 6.382 min Scan# 1638
 Delta R.T. -0.003 min
 Lab File: VN069425.D
 Acq: 9 Nov 2021 18:28



Tgt Ion: 63 Resp: 6847
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.3 9.9#
 100 0.0 2.1 6.5#





#25

2-Butanone

Concen: 1.817 ug/l

RT: 7.345 min Scan# 1994

Delta R.T. 0.008 min

Lab File: VN069425.D

Acq: 9 Nov 2021 18:28

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2021

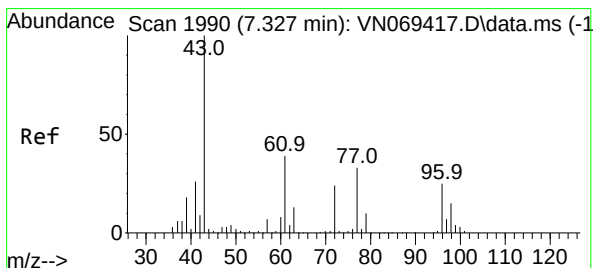
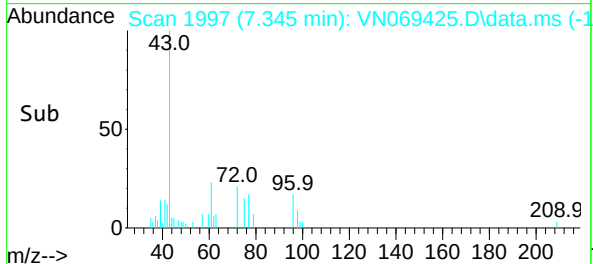
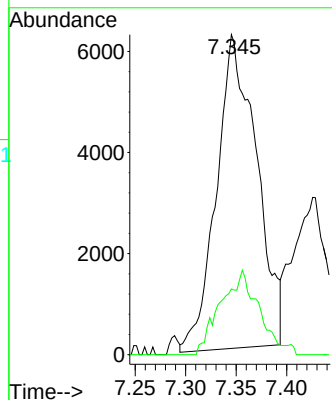
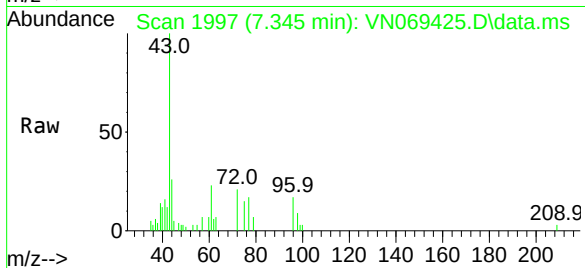
Tgt Ion: 43 Resp: 1711
 Ion Ratio Lower Upper
 43 100
 72 21.2 21.7 32.5

Manual Integrations

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Reviewed By :John Carlone 11/11/2021

Supervised By :Semsettin Yesilyurt 11/17/2021



#26

2,2-Dichloropropane

Concen: 0.366 ug/l m

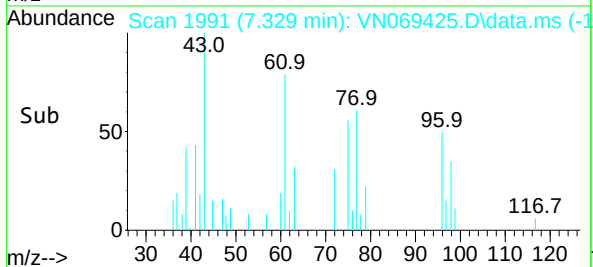
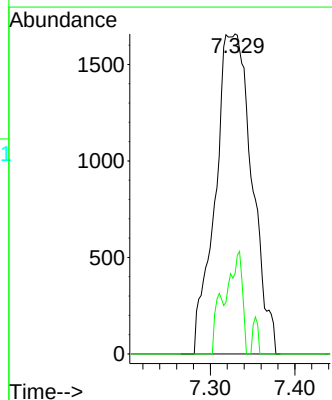
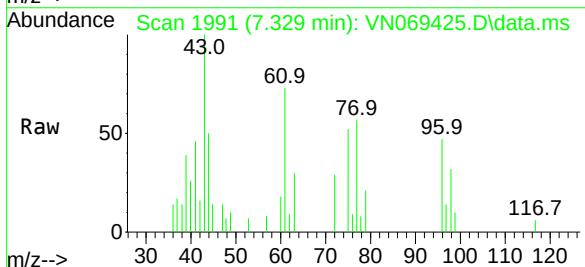
RT: 7.329 min Scan# 1991

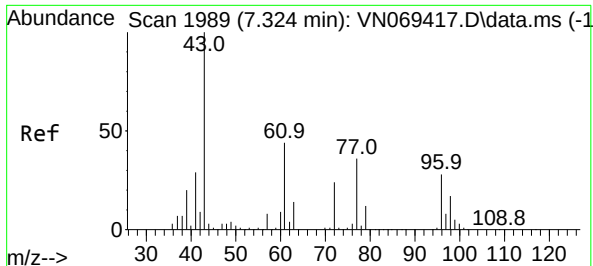
Delta R.T. 0.002 min

Lab File: VN069425.D

Acq: 9 Nov 2021 18:28

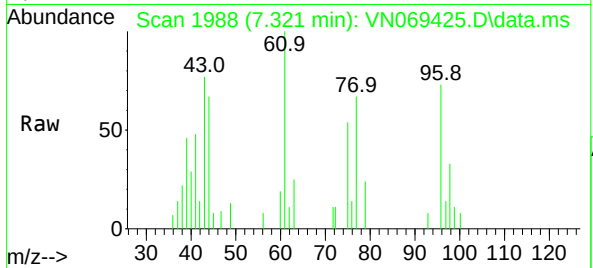
Tgt Ion: 77 Resp: 5002
 Ion Ratio Lower Upper
 77 100
 97 4.3 11.6 34.8





#27
cis-1,2-Dichloroethene
Concen: 0.415 ug/l m
RT: 7.321 min Scan# 1988
Delta R.T. -0.003 min
Lab File: VN069425.D
Acq: 9 Nov 2021 18:28

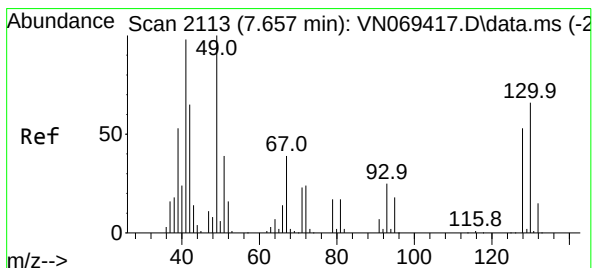
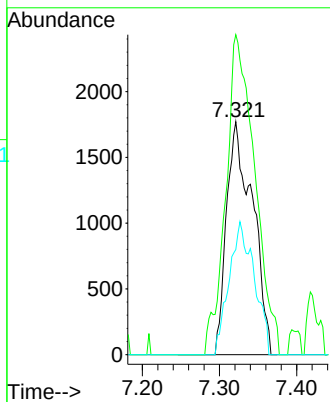
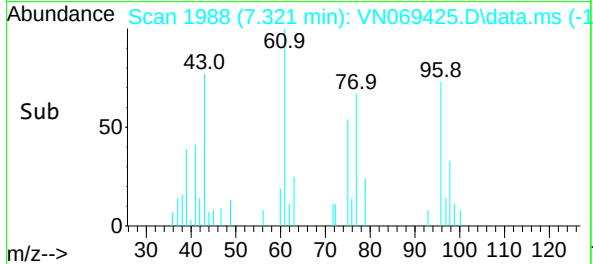
Instrument : MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



Tgt Ion: 96 Resp: 4138
Ion Ratio Lower Upper
96 100
61 153.7 0.0 275.0
98 55.3 0.0 129.6

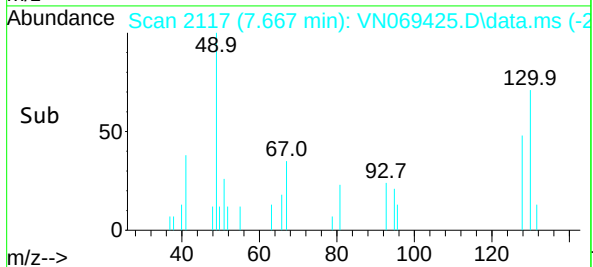
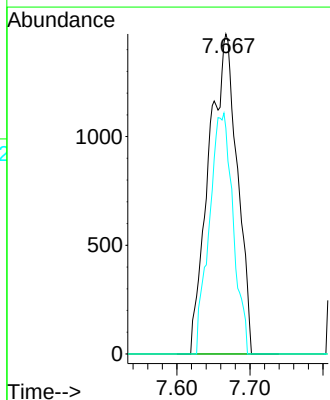
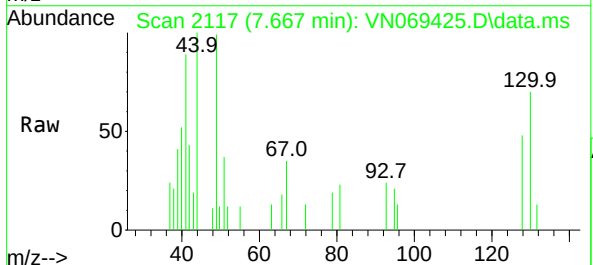
Manual Integrations
APPROVED

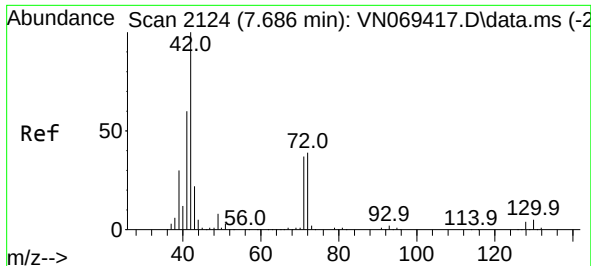
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/17/2021



#28
Bromochloromethane
Concen: 0.443 ug/l m
RT: 7.667 min Scan# 2117
Delta R.T. 0.010 min
Lab File: VN069425.D
Acq: 9 Nov 2021 18:28

Tgt Ion: 49 Resp: 3965
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.0
130 62.9 67.8 101.8#





#29

Tetrahydrofuran

Concen: 1.923 ug/l

RT: 7.691 min Scan# 2126

Delta R.T. 0.005 min

Lab File: VN069425.D

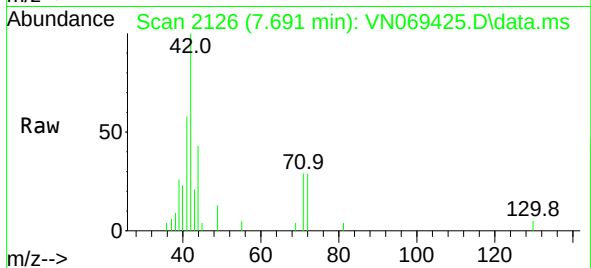
Acq: 9 Nov 2021 18:28

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2021



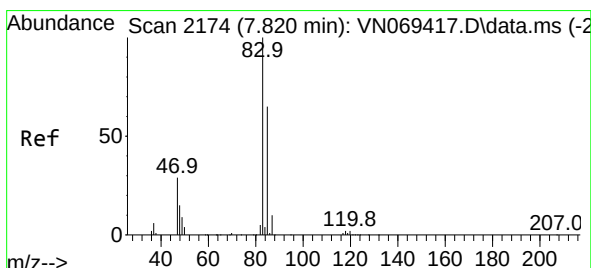
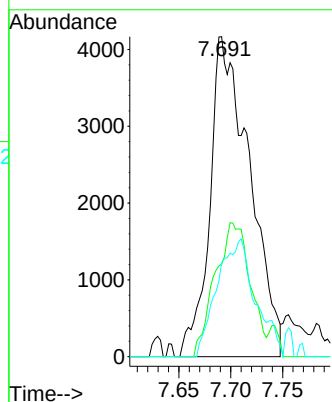
Tgt Ion: 42	Resp: 1111
Ion Ratio	Lower Upper
42	100
72	37.0 36.3 54.5
71	35.2 34.7 52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2021

Supervised By :Semsettin Yesilyurt 11/17/2021



#30

Chloroform

Concen: 0.393 ug/l

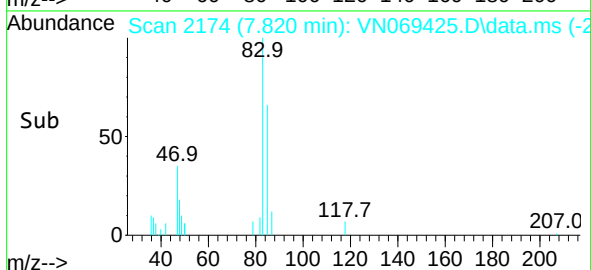
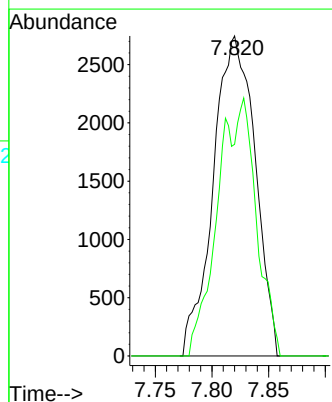
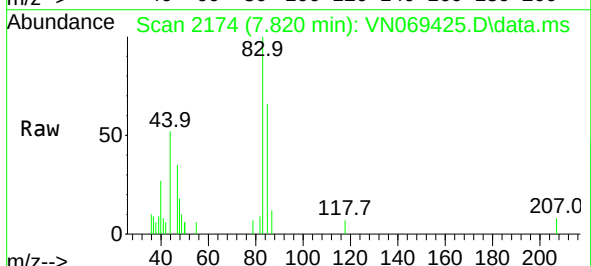
RT: 7.820 min Scan# 2174

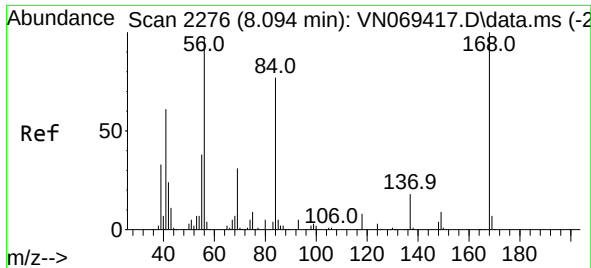
Delta R.T. -0.000 min

Lab File: VN069425.D

Acq: 9 Nov 2021 18:28

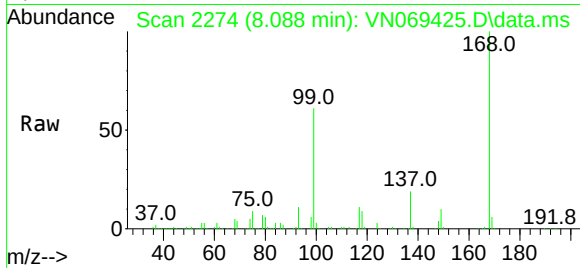
Tgt Ion: 83	Resp: 7044
Ion Ratio	Lower Upper
83	100
85	66.2 51.9 77.9





#31
Cyclohexane
Concen: 1.732 ug/l
RT: 8.088 min Scan# 2276
Delta R.T. -0.006 min
Lab File: VN069425.D
Acq: 9 Nov 2021 18:28

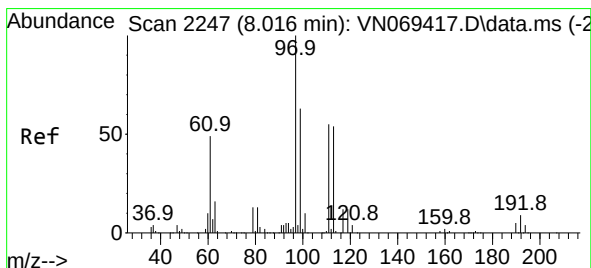
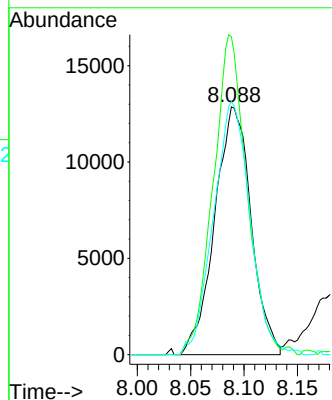
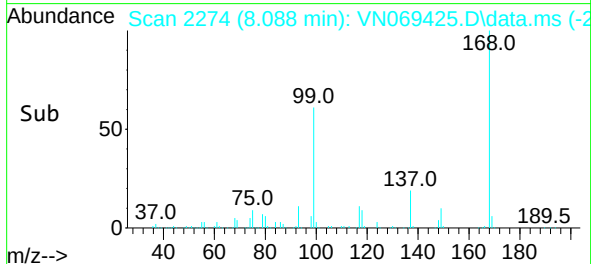
Instrument : MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



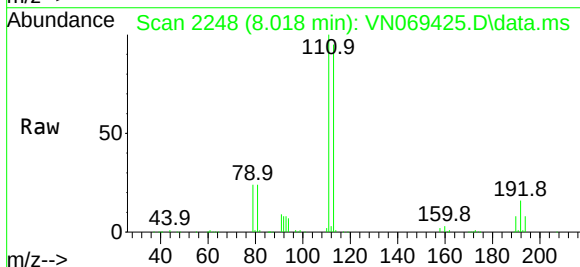
Tgt Ion: 56 Resp: 30512
Ion Ratio Lower Upper
56 100
69 128.2 27.1 40.7
84 102.1 73.4 110.0

Manual Integrations
APPROVED

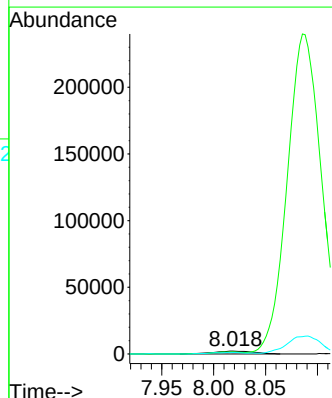
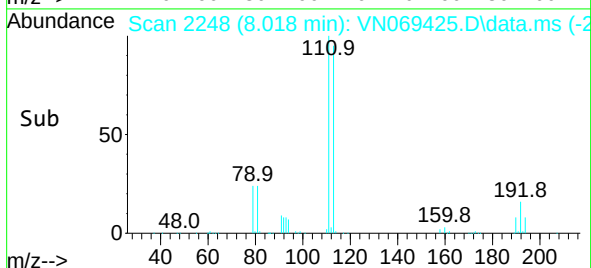
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/17/2021

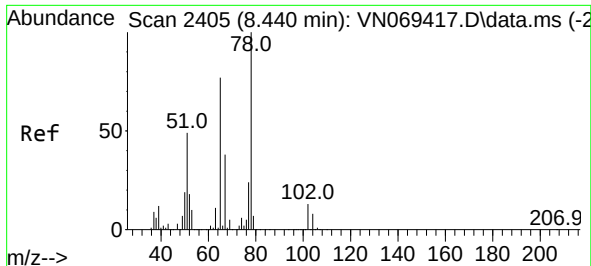


#32
1,1,1-Trichloroethane
Concen: 0.387 ug/l
RT: 8.018 min Scan# 2248
Delta R.T. 0.002 min
Lab File: VN069425.D
Acq: 9 Nov 2021 18:28



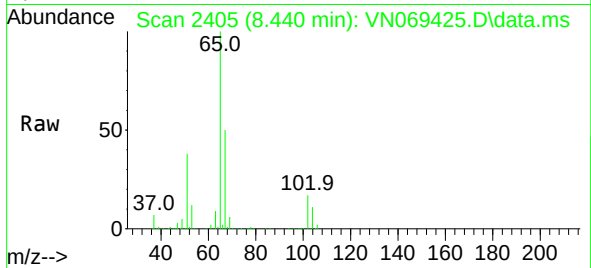
Tgt Ion: 97 Resp: 5786
Ion Ratio Lower Upper
97 100
99 0.0 50.1 75.1#
61 0.0 35.2 52.8#





#33
 1,2-Dichloroethane-d4
 Concen: 58.046 ug/l
 RT: 8.440 min Scan# 2405
 Delta R.T. -0.000 min
 Lab File: VN069425.D
 Acq: 9 Nov 2021 18:28

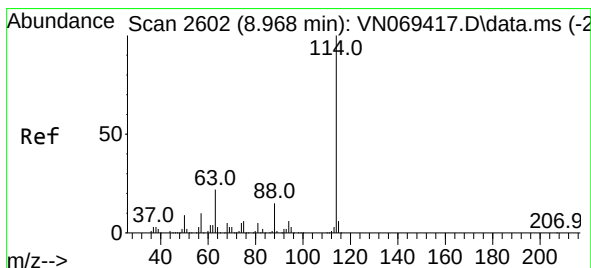
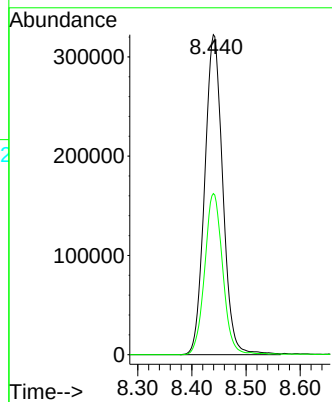
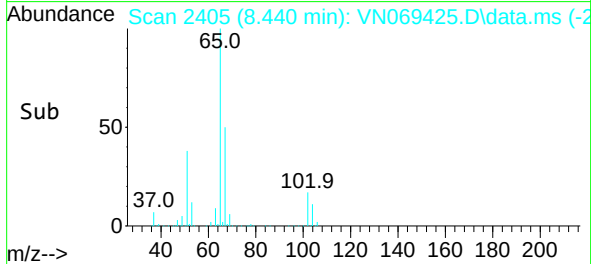
Instrument : MSVOA_N
 ClientSampleId : LOD-MDL-WATER-01-QT4-2021



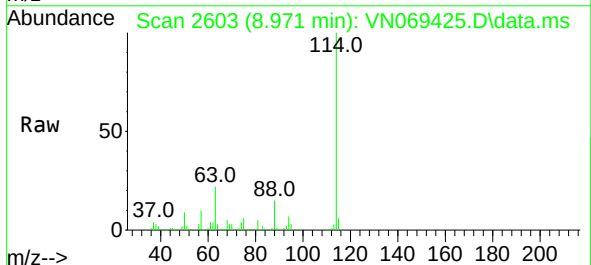
Tgt Ion: 65 Resp: 748448
 Ion Ratio Lower Upper
 65 100
 67 49.7 0.0 103.0

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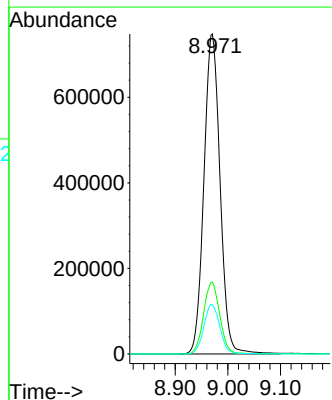
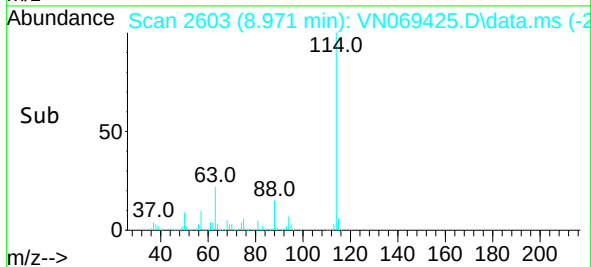
Reviewed By :John Carlone 11/11/2021
 Supervised By :Semsettin Yesilyurt 11/17/2021

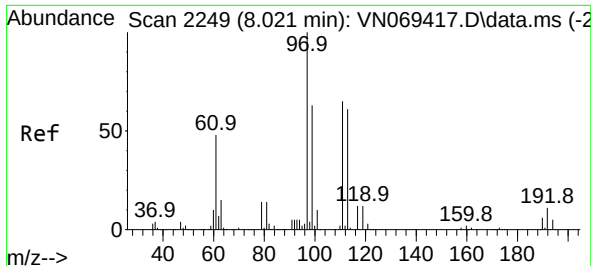


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.971 min Scan# 2603
 Delta R.T. 0.003 min
 Lab File: VN069425.D
 Acq: 9 Nov 2021 18:28



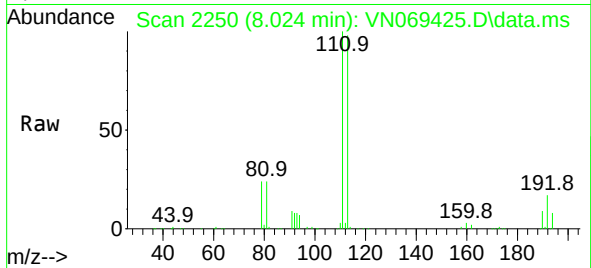
Tgt Ion:114 Resp: 1592414
 Ion Ratio Lower Upper
 114 100
 63 22.5 0.0 37.8
 88 15.4 0.0 27.4





#35
Dibromofluoromethane
Concen: 50.445 ug/l
RT: 8.024 min Scan# 2113
Delta R.T. 0.003 min
Lab File: VN069425.D
Acq: 9 Nov 2021 18:28

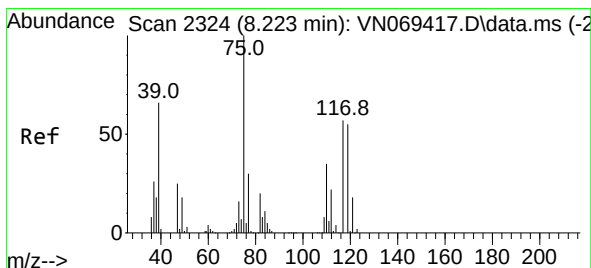
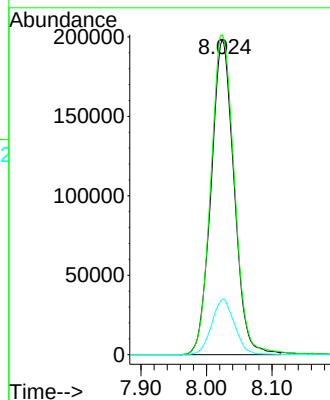
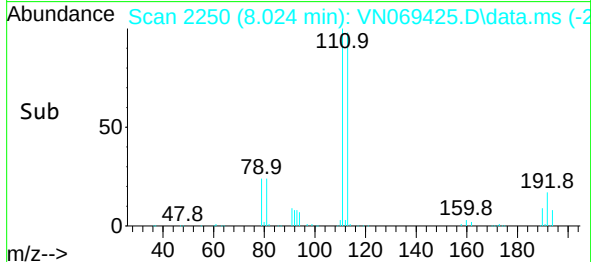
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT4-2021



Tgt Ion: 113 Resp: 48178
Ion Ratio Lower Upper
113 100
111 104.7 82.2 123.2
192 17.6 16.9 25.3

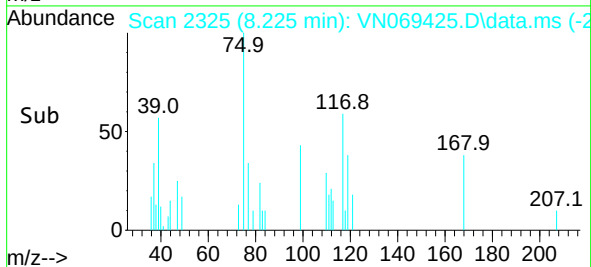
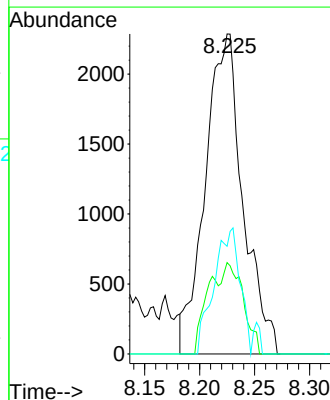
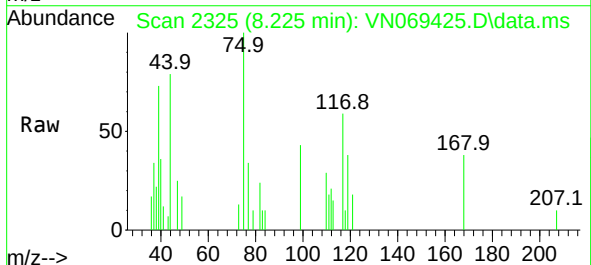
Manual Integrations
APPROVED

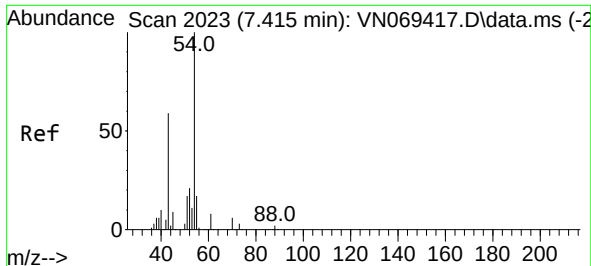
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/17/2021



#36
1,1-Dichloropropene
Concen: 0.406 ug/l
RT: 8.225 min Scan# 2325
Delta R.T. 0.002 min
Lab File: VN069425.D
Acq: 9 Nov 2021 18:28

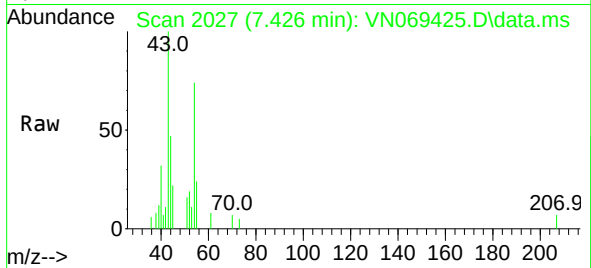
Tgt Ion: 75 Resp: 5437
Ion Ratio Lower Upper
75 100
110 15.0 18.4 55.2#
77 27.3 24.4 36.6





#37
Ethyl Acetate
Concen: 0.550 ug/l m
RT: 7.426 min Scan# 2023
Delta R.T. 0.011 min
Lab File: VN069425.D
Acq: 9 Nov 2021 18:28

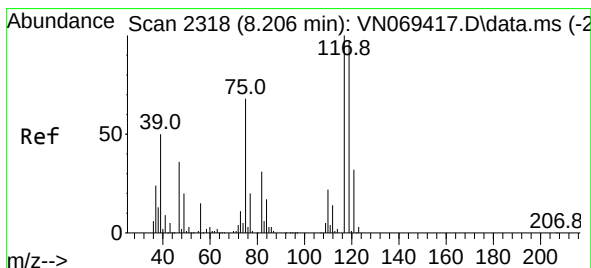
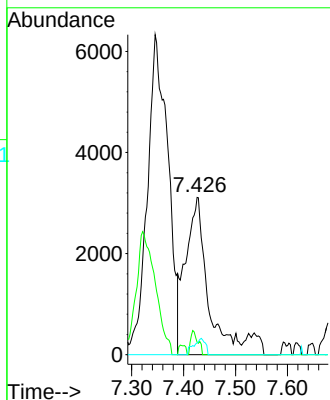
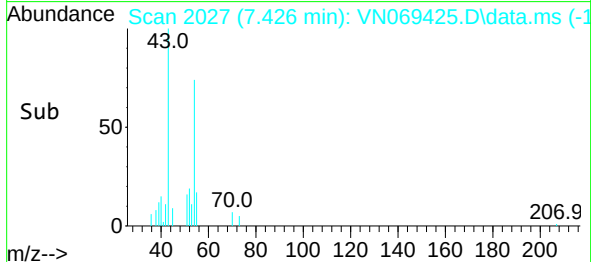
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



Tgt Ion: 43 Resp: 9958
Ion Ratio Lower Upper
43 100
61 4.6 11.5 17.3#
70 5.0 7.9 11.9#

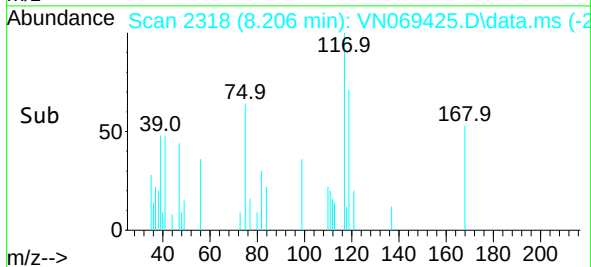
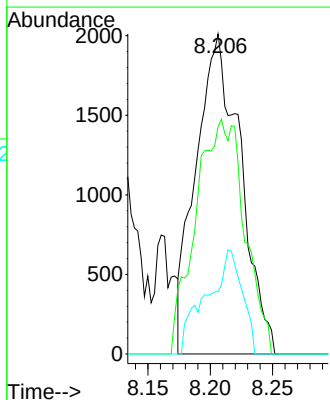
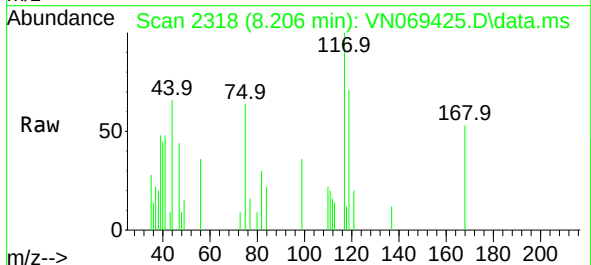
Manual Integrations
APPROVED

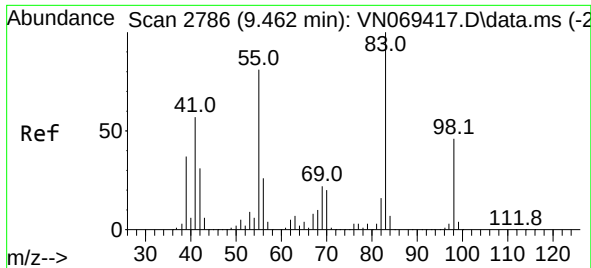
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/17/2021



#38
Carbon Tetrachloride
Concen: 0.386 ug/l
RT: 8.206 min Scan# 2318
Delta R.T. 0.000 min
Lab File: VN069425.D
Acq: 9 Nov 2021 18:28

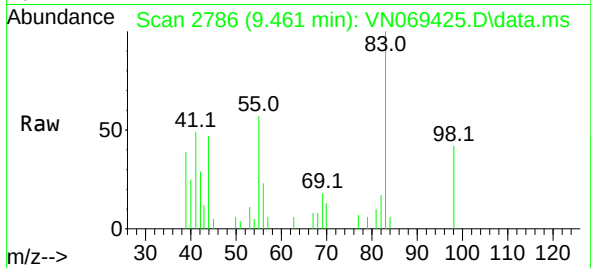
Tgt Ion:117 Resp: 4993
Ion Ratio Lower Upper
117 100
119 71.0 76.1 114.1#
121 19.5 24.2 36.2#





#39
Methylcyclohexane
Concen: 0.367 ug/l
RT: 9.461 min Scan# 2112
Delta R.T. -0.001 min
Lab File: VN069425.D
Acq: 9 Nov 2021 18:28

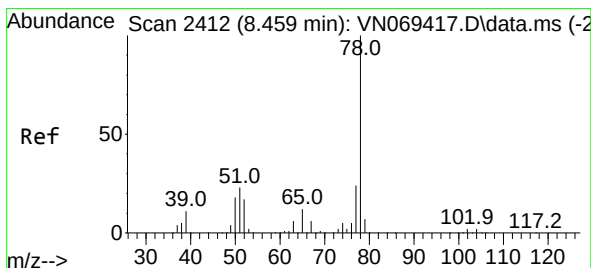
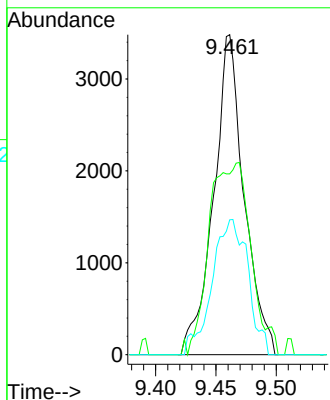
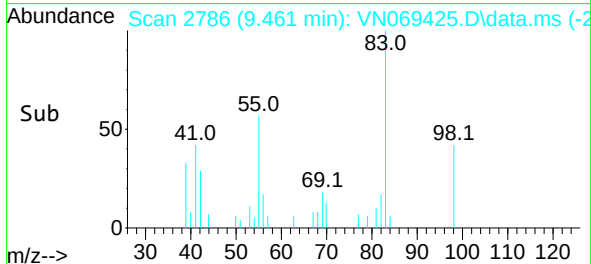
Instrument : MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



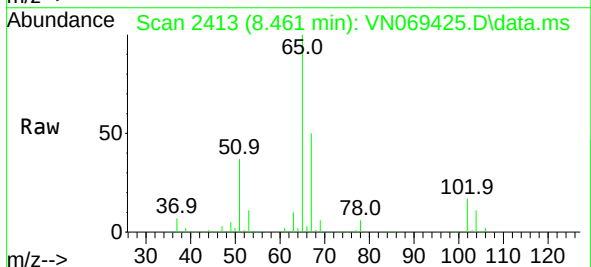
Tgt Ion: 83 Resp: 6112
Ion Ratio Lower Upper
83 100
55 56.5 58.1 87.1
98 42.2 38.4 57.6

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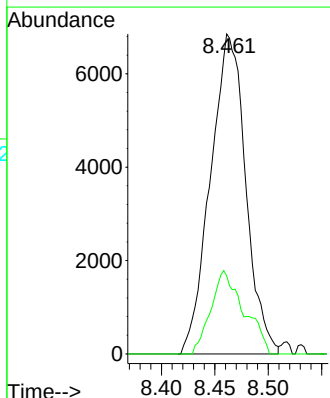
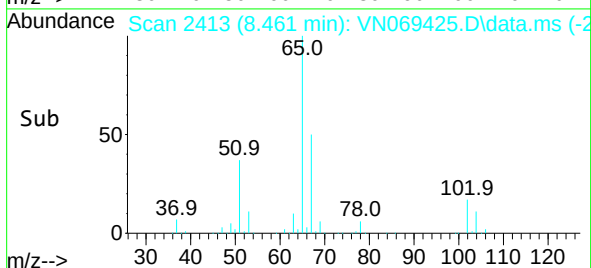
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/17/2021

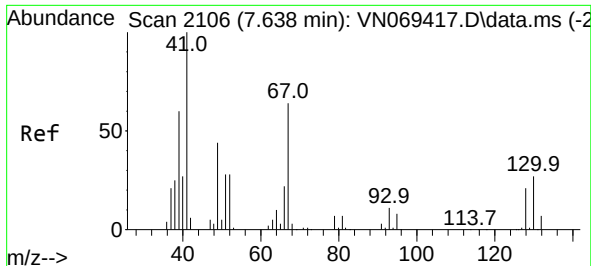


#40
Benzene
Concen: 0.380 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.002 min
Lab File: VN069425.D
Acq: 9 Nov 2021 18:28



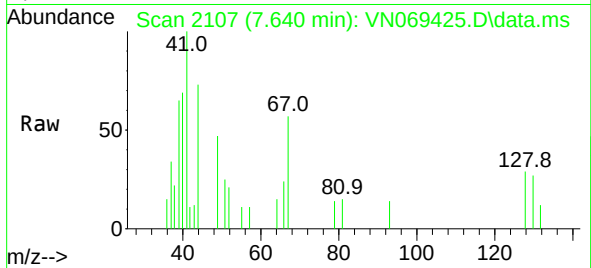
Tgt Ion: 78 Resp: 15726
Ion Ratio Lower Upper
78 100
77 24.4 18.6 27.8





#41
Methacrylonitrile
Concen: 0.486 ug/l m
RT: 7.640 min Scan# 2106
Delta R.T. 0.002 min
Lab File: VN069425.D
Acq: 9 Nov 2021 18:28

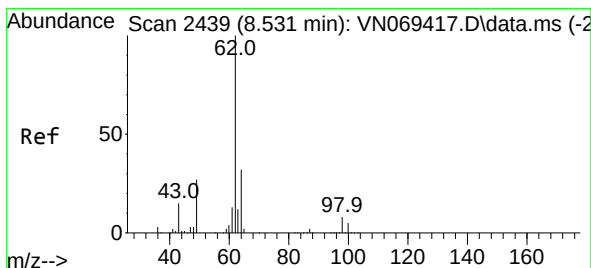
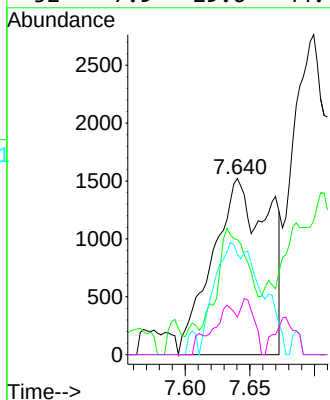
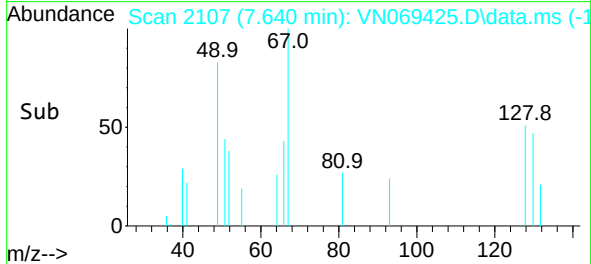
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



Tgt Ion: 41 Resp: 454
Ion Ratio Lower Upper
41 100
39 0.0 48.1 72.1
67 0.0 68.3 102.5
52 7.9 29.6 44.4

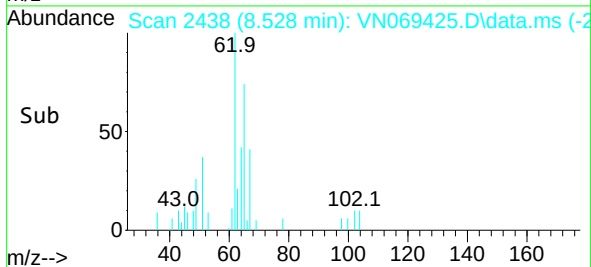
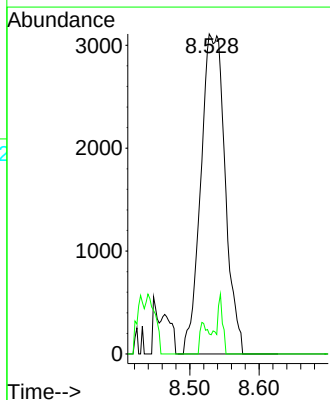
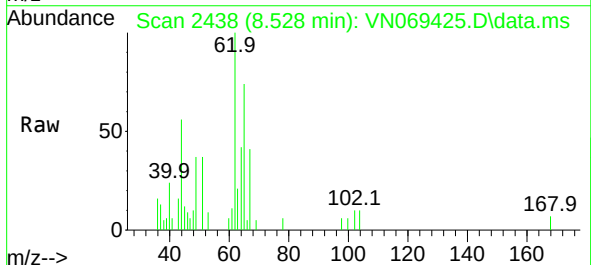
Manual Integrations
APPROVED

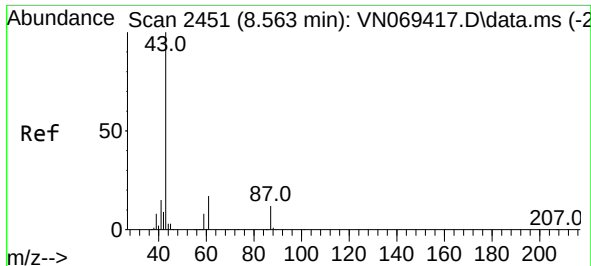
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/17/2021



#42
1,2-Dichloroethane
Concen: 0.467 ug/l m
RT: 8.528 min Scan# 2438
Delta R.T. -0.003 min
Lab File: VN069425.D
Acq: 9 Nov 2021 18:28

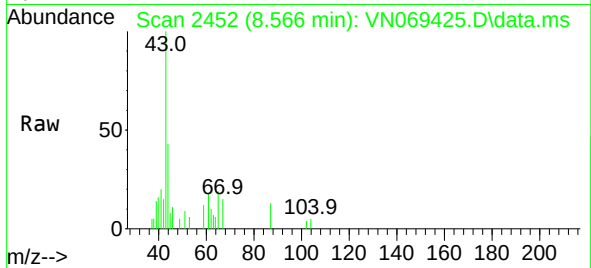
Tgt Ion: 62 Resp: 7557
Ion Ratio Lower Upper
62 100
98 3.6 0.0 17.6





#43
Isopropyl Acetate
Concen: 0.339 ug/l
RT: 8.566 min Scan# 2451
Delta R.T. 0.003 min
Lab File: VN069425.D
Acq: 9 Nov 2021 18:28

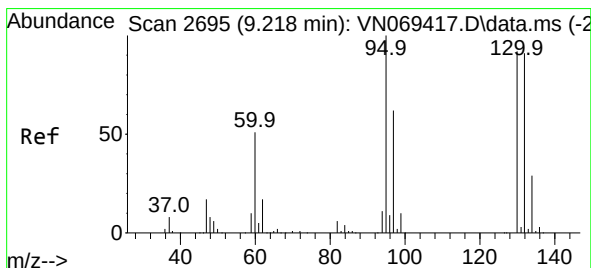
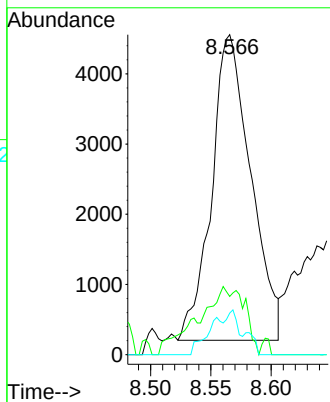
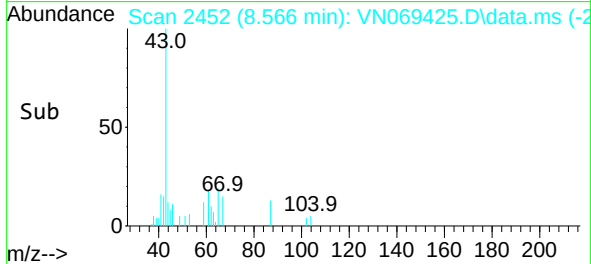
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



Tgt Ion: 43 Resp: 9848
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6
87 2.4 11.2 16.8

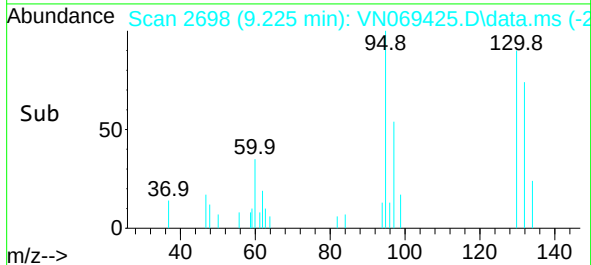
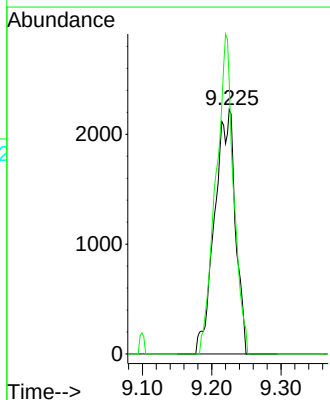
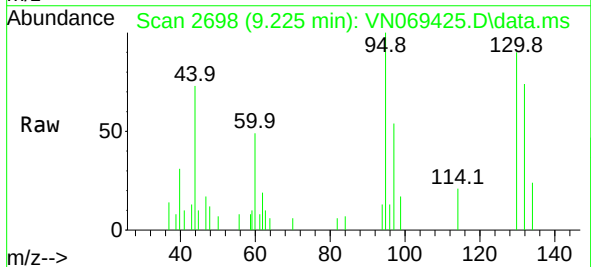
Manual Integrations
APPROVED

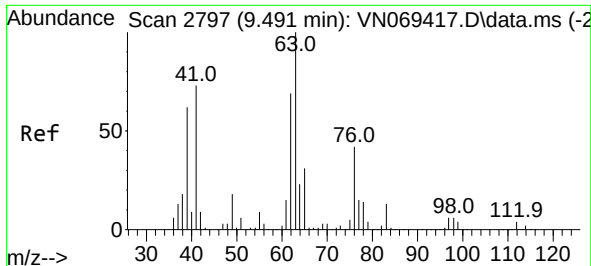
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/17/2021



#44
Trichloroethene
Concen: 0.467 ug/l m
RT: 9.225 min Scan# 2698
Delta R.T. 0.007 min
Lab File: VN069425.D
Acq: 9 Nov 2021 18:28

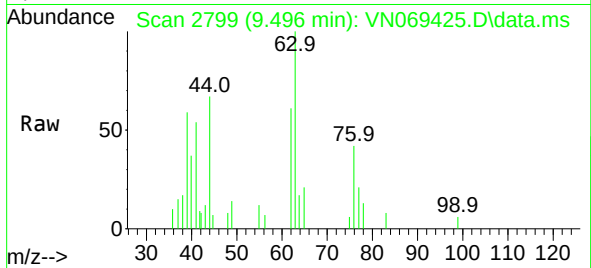
Tgt Ion:130 Resp: 4627
Ion Ratio Lower Upper
130 100
95 110.7 0.0 191.2





#45
1,2-Dichloropropane
Concen: 0.380 ug/l
RT: 9.496 min Scan# 2199
Delta R.T. 0.005 min
Lab File: VN069425.D
Acq: 9 Nov 2021 18:28

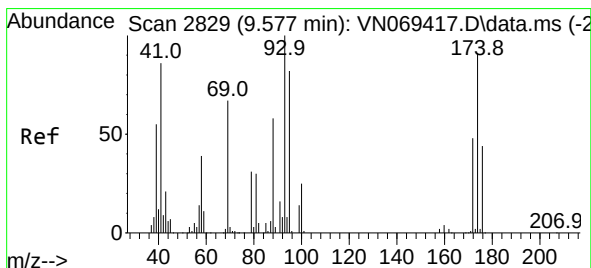
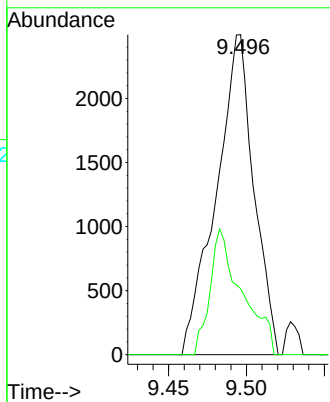
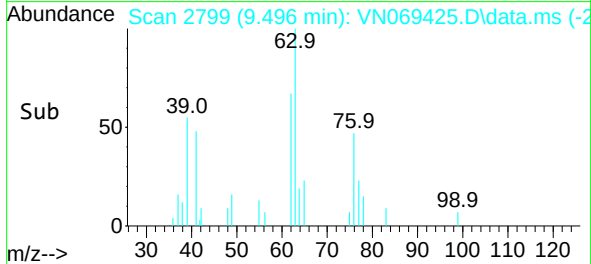
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT4-2021



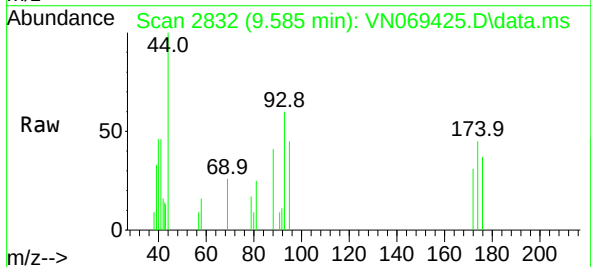
Tgt Ion: 63 Resp: 4199
Ion Ratio Lower Upper
63 100
65 20.7 24.7 37.1

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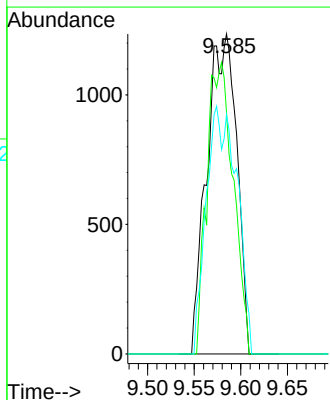
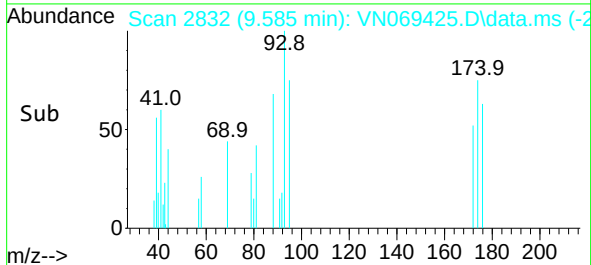
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/17/2021

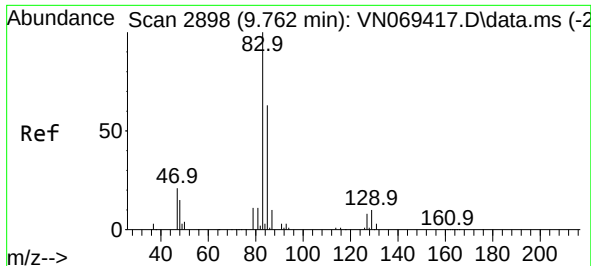


#46
Dibromomethane
Concen: 0.371 ug/l m
RT: 9.585 min Scan# 2832
Delta R.T. 0.008 min
Lab File: VN069425.D
Acq: 9 Nov 2021 18:28



Tgt Ion: 93 Resp: 2745
Ion Ratio Lower Upper
93 100
95 80.4 65.9 98.9
174 40.7 84.6 127.0





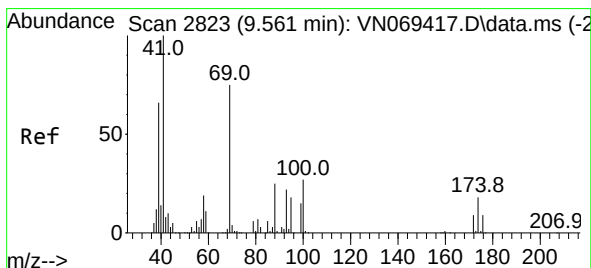
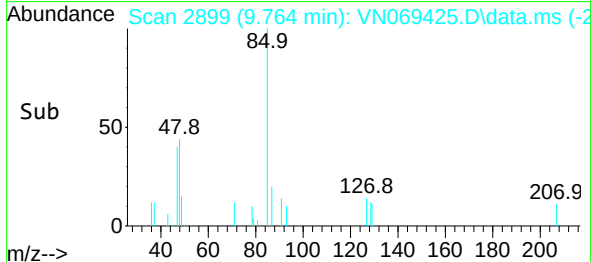
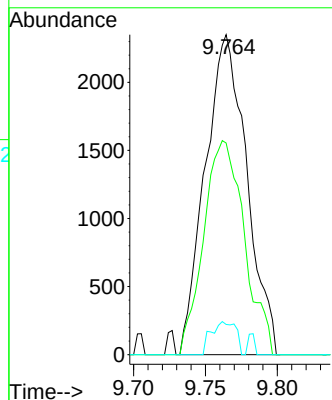
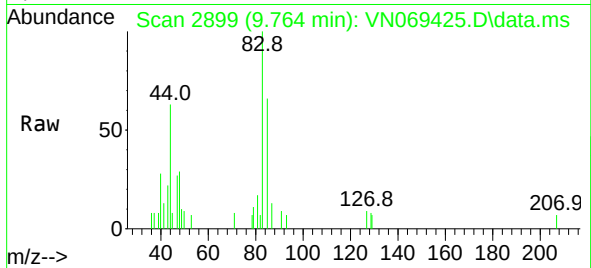
#47
Bromodichloromethane
Concen: 0.342 ug/l
RT: 9.764 min Scan# 2899
Delta R.T. 0.002 min
Lab File: VN069425.D
Acq: 9 Nov 2021 18:28

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

Tgt Ion: 83 Resp: 472
Ion Ratio Lower Upper
83 100
85 66.1 50.9 76.3
127 9.4 7.1 10.7

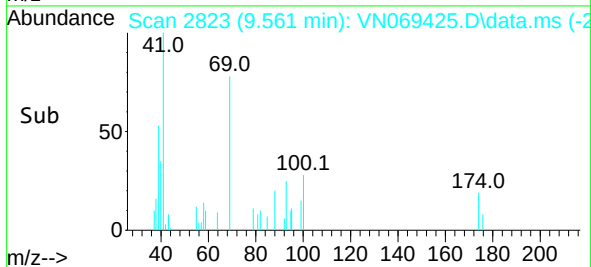
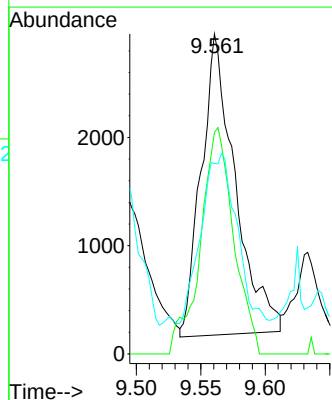
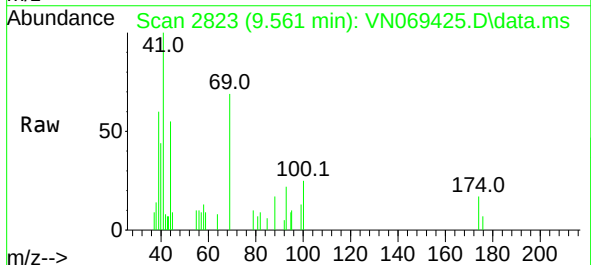
Manual Integrations
APPROVED

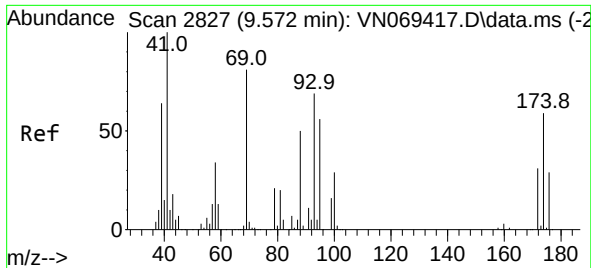
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/17/2021



#48
Methyl methacrylate
Concen: 0.372 ug/l
RT: 9.561 min Scan# 2823
Delta R.T. -0.000 min
Lab File: VN069425.D
Acq: 9 Nov 2021 18:28

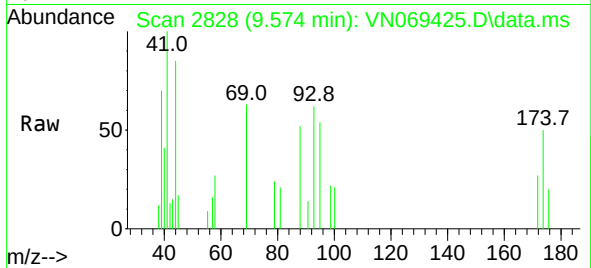
Tgt Ion: 41 Resp: 5096
Ion Ratio Lower Upper
41 100
69 73.4 72.4 108.6
39 63.9 58.4 87.6





#49
1,4-Dioxane
Concen: 46.285 ug/l m
RT: 9.574 min Scan# 2827
Delta R.T. 0.002 min
Lab File: VN069425.D
Acq: 9 Nov 2021 18:28

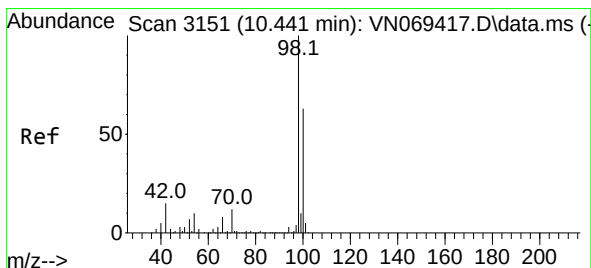
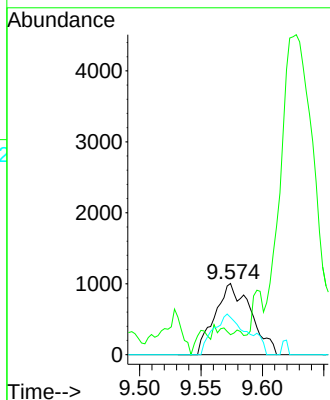
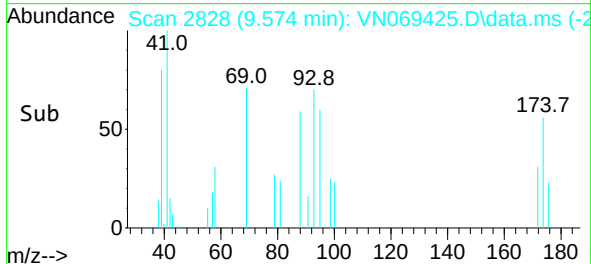
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



Tgt Ion: 88 Resp: 2040
Ion Ratio Lower Upper
88 100
43 0.0 23.4 35.2
58 53.4 50.6 75.8

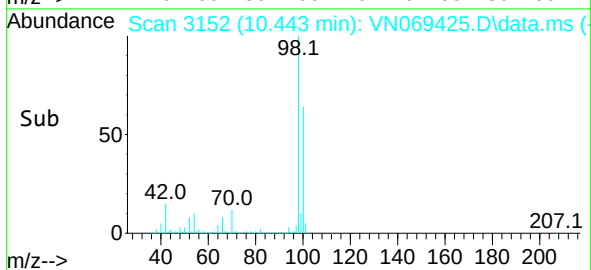
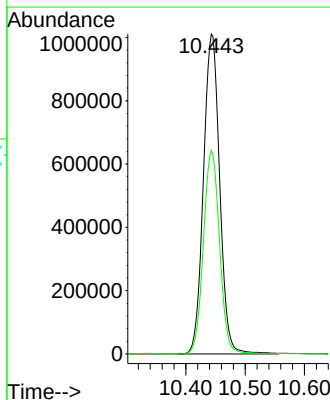
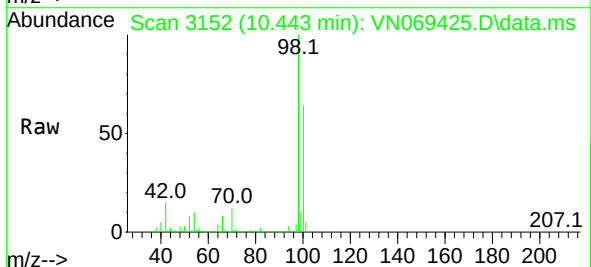
Manual Integrations
APPROVED

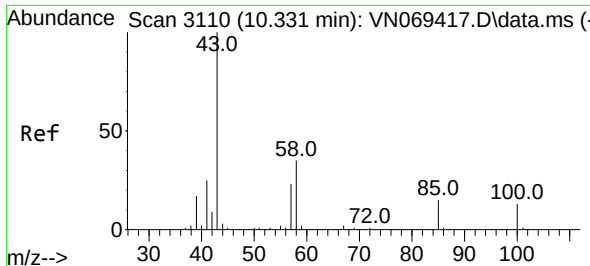
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/17/2021



#50
Toluene-d8
Concen: 51.173 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.002 min
Lab File: VN069425.D
Acq: 9 Nov 2021 18:28

Tgt Ion: 98 Resp: 1922194
Ion Ratio Lower Upper
98 100
100 63.1 50.4 75.6





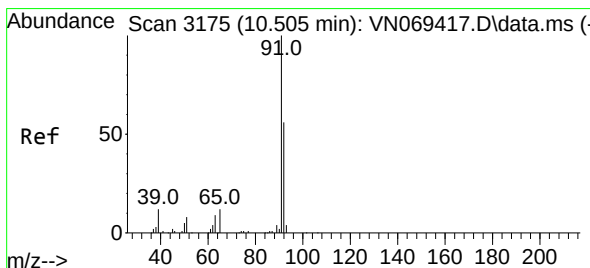
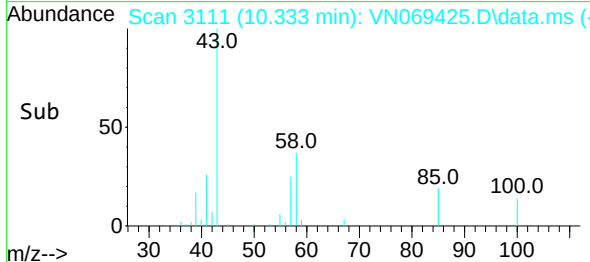
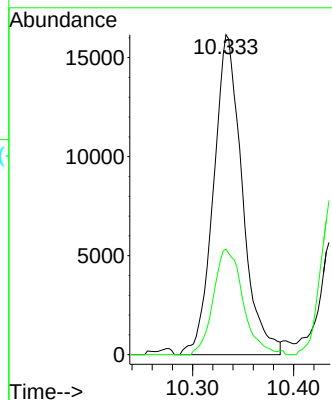
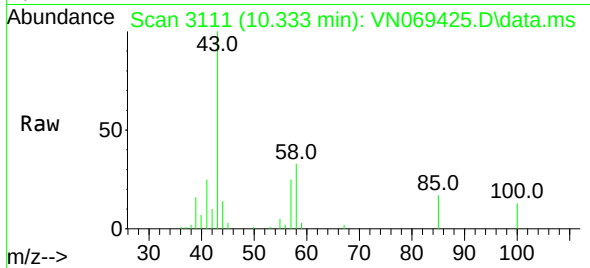
#51
4-Methyl-2-Pentanone
Concen: 1.696 ug/l
RT: 10.333 min Scan# 3111
Delta R.T. 0.002 min
Lab File: VN069425.D
Acq: 9 Nov 2021 18:28

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

Tgt Ion: 43 Resp: 31840
Ion Ratio Lower Upper
43 100
58 34.1 30.4 45.6

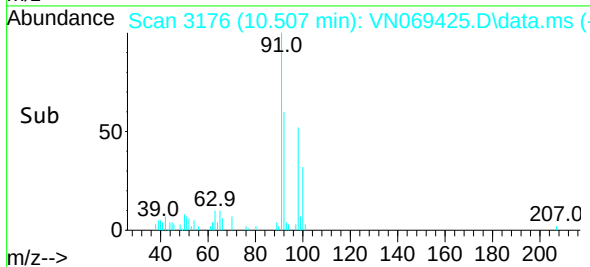
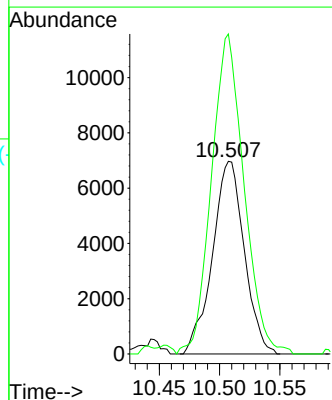
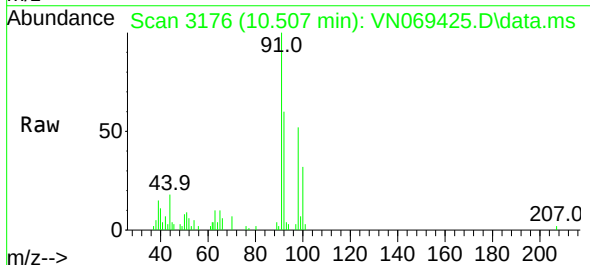
Manual Integrations
APPROVED

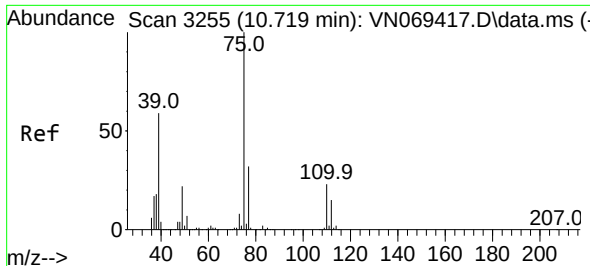
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/17/2021



#52
Toluene
Concen: 0.496 ug/l
RT: 10.507 min Scan# 3176
Delta R.T. 0.002 min
Lab File: VN069425.D
Acq: 9 Nov 2021 18:28

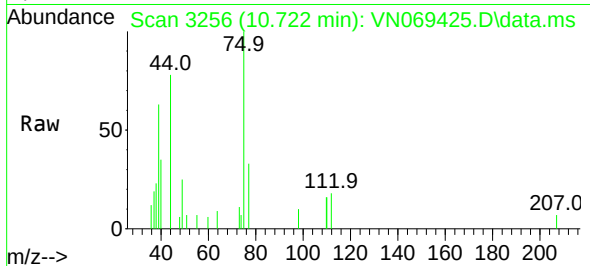
Tgt Ion: 92 Resp: 12791
Ion Ratio Lower Upper
92 100
91 169.7 142.0 213.0





#53
t-1,3-Dichloropropene
Concen: 2.866 ug/l
RT: 10.722 min Scan# 31
Delta R.T. 0.003 min
Lab File: VN069425.D
Acq: 9 Nov 2021 18:28

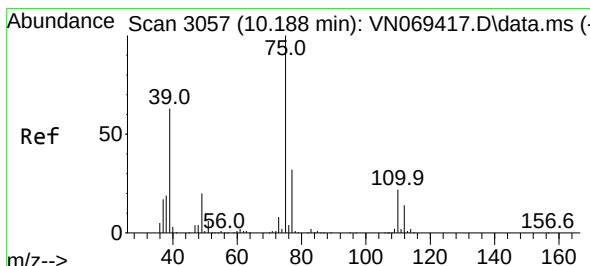
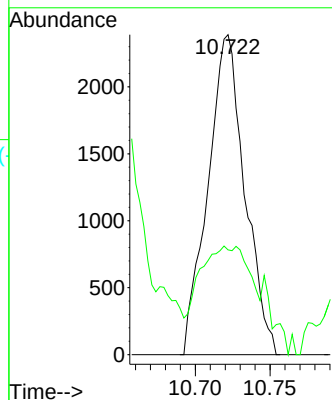
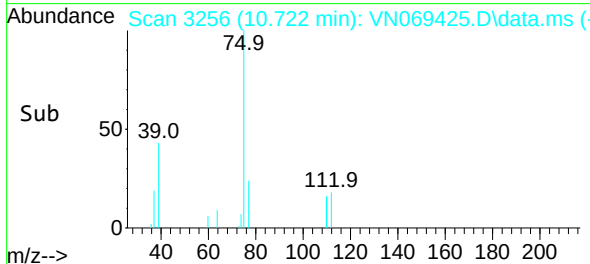
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



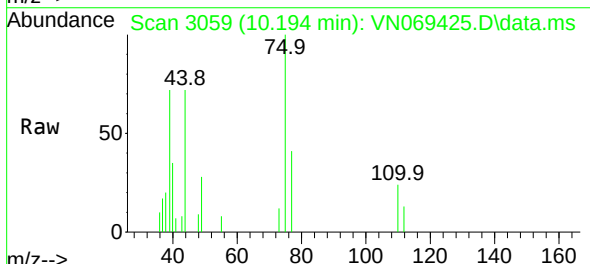
Tgt Ion: 75 Resp: 4100
Ion Ratio Lower Upper
75 100
77 23.0 25.6 38.4

Manual Integrations
APPROVED

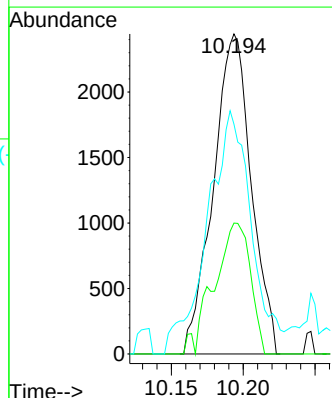
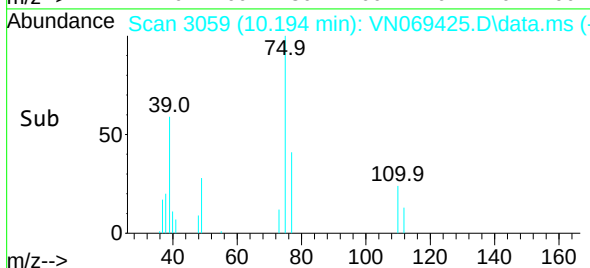
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/17/2021

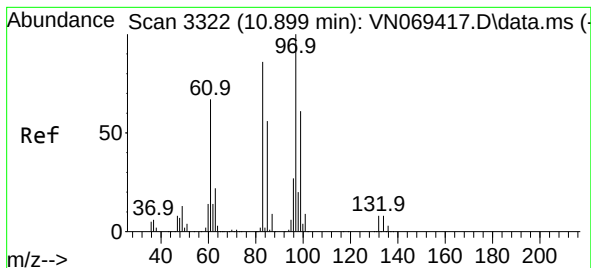


#54
cis-1,3-Dichloropropene
Concen: 1.975 ug/l
RT: 10.194 min Scan# 3059
Delta R.T. 0.006 min
Lab File: VN069425.D
Acq: 9 Nov 2021 18:28



Tgt Ion: 75 Resp: 4487
Ion Ratio Lower Upper
75 100
77 40.9 26.4 39.6#
39 64.3 42.5 63.7#





#55

1,1,2-Trichloroethane

Concen: 0.343 ug/l

RT: 10.902 min Scan# 3322

Delta R.T. 0.003 min

Lab File: VN069425.D

Acq: 9 Nov 2021 18:28

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2021

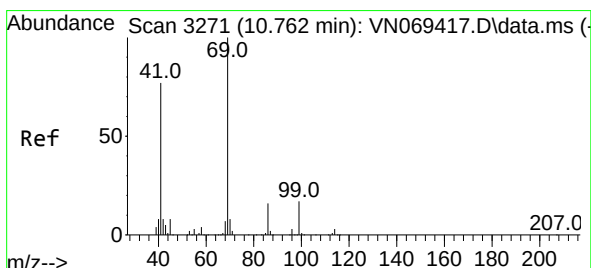
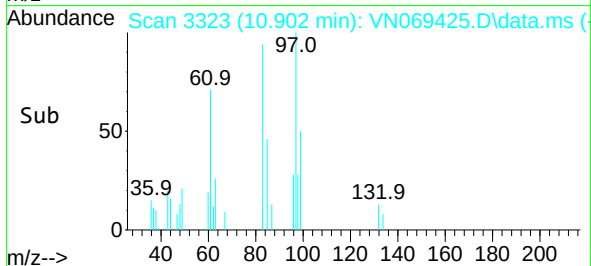
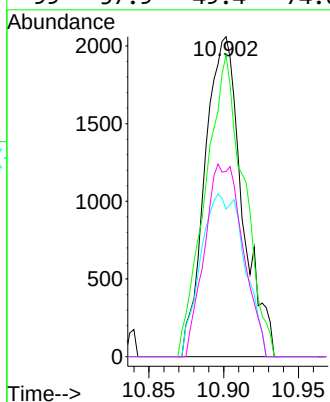
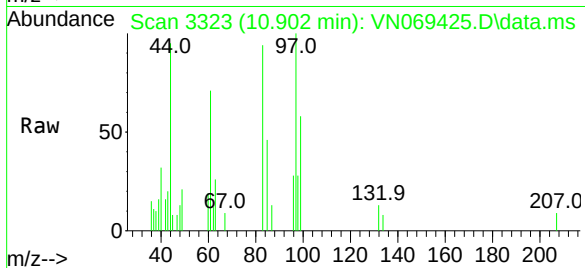
Tgt Ion: 97	Resp: 3564
Ion Ratio	Lower Upper
97 100	
83 94.1	67.8 101.6
85 46.2	45.4 68.2
99 57.9	49.4 74.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2021

Supervised By :Semsettin Yesilyurt 11/17/2021



#56

Ethyl methacrylate

Concen: 2.306 ug/l

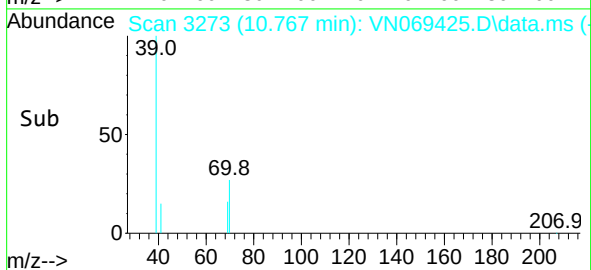
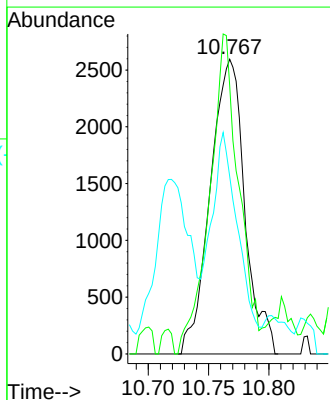
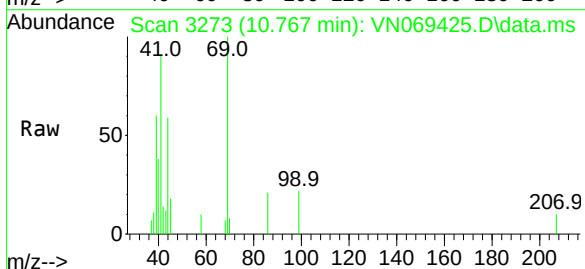
RT: 10.767 min Scan# 3273

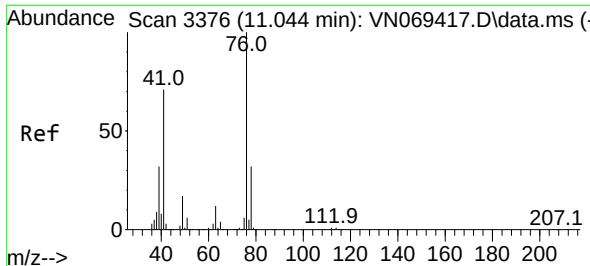
Delta R.T. 0.005 min

Lab File: VN069425.D

Acq: 9 Nov 2021 18:28

Tgt Ion: 69	Resp: 5171
Ion Ratio	Lower Upper
69 100	
41 92.1	51.4 77.0#
39 53.5	34.6 52.0#





#57

1,3-Dichloropropane

Concen: 0.338 ug/l

RT: 11.049 min Scan# 31

Delta R.T. 0.005 min

Lab File: VN069425.D

Acq: 9 Nov 2021 18:28

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2021

Tgt Ion: 76 Resp: 617

Ion Ratio Lower Upper

76 100

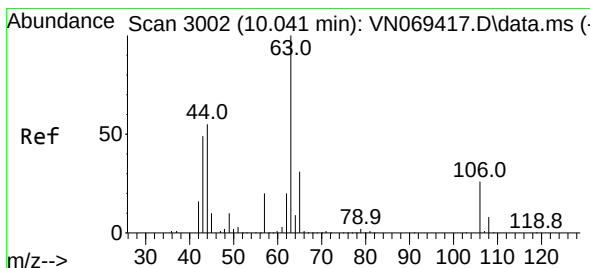
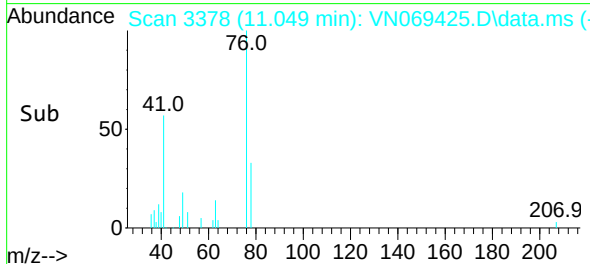
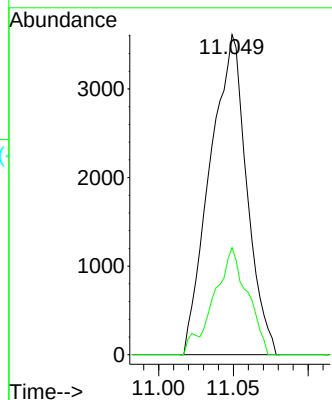
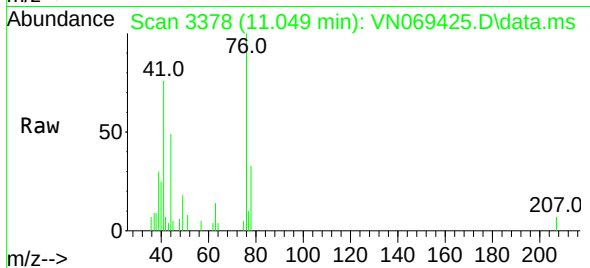
78 30.6 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2021

Supervised By :Semsettin Yesilyurt 11/17/2021



#58

2-Chloroethyl Vinyl ether

Concen: 23.809 ug/l

RT: 10.043 min Scan# 3003

Delta R.T. 0.002 min

Lab File: VN069425.D

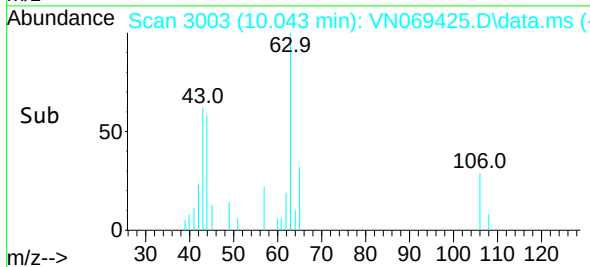
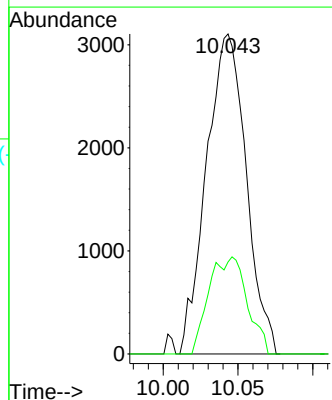
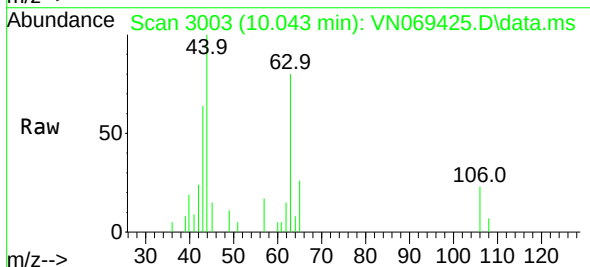
Acq: 9 Nov 2021 18:28

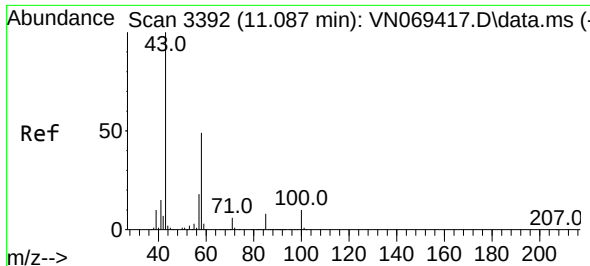
Tgt Ion: 63 Resp: 5754

Ion Ratio Lower Upper

63 100

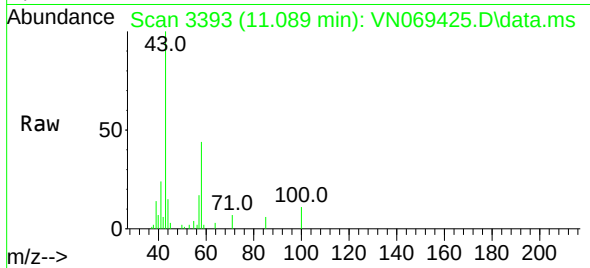
106 29.2 23.9 35.9





#59
2-Hexanone
Concen: 9.478 ug/l
RT: 11.089 min Scan# 311
Delta R.T. 0.002 min
Lab File: VN069425.D
Acq: 9 Nov 2021 18:28

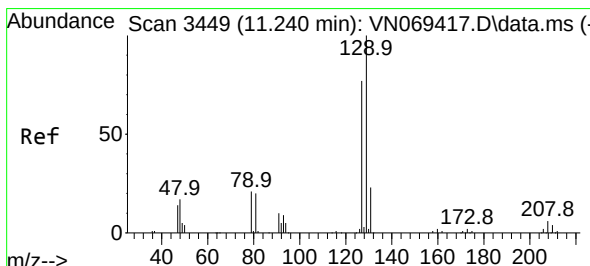
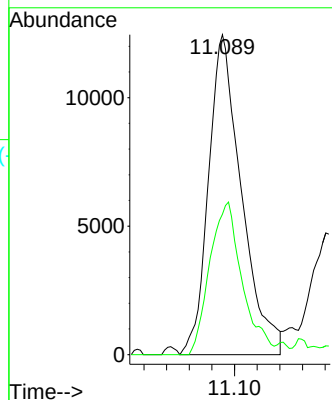
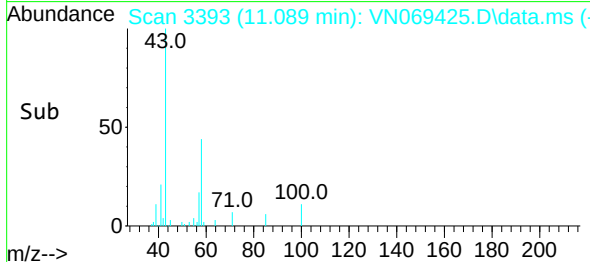
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



Tgt Ion: 43 Resp: 25159
Ion Ratio Lower Upper
43 100
58 46.9 26.9 80.7

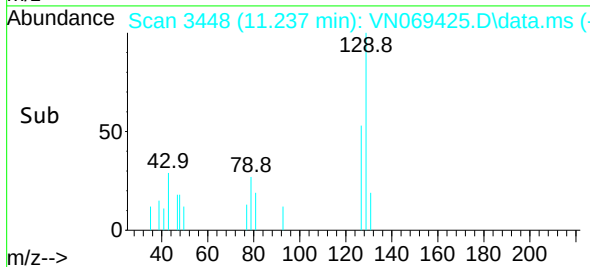
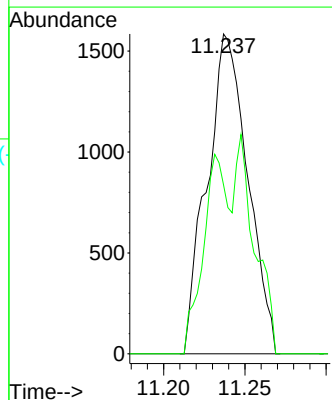
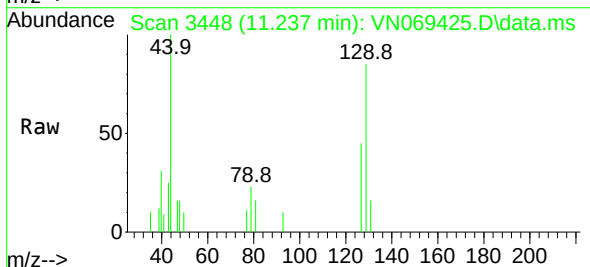
Manual Integrations
APPROVED

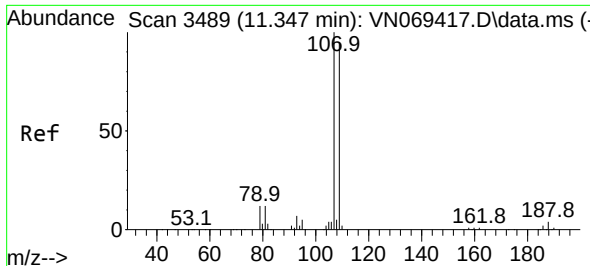
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/17/2021



#60
Dibromochloromethane
Concen: 2.648 ug/l
RT: 11.237 min Scan# 3448
Delta R.T. -0.003 min
Lab File: VN069425.D
Acq: 9 Nov 2021 18:28

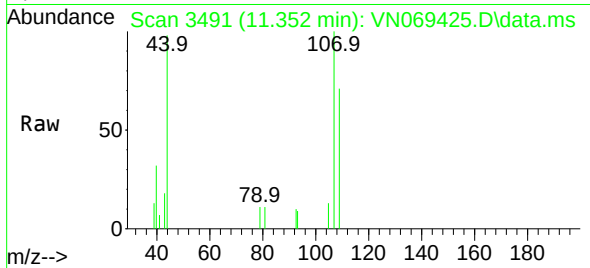
Tgt Ion:129 Resp: 2760
Ion Ratio Lower Upper
129 100
127 40.0 38.6 116.0





#61
1,2-Dibromoethane
Concen: 1.386 ug/l
RT: 11.352 min Scan# 3489
Delta R.T. 0.005 min
Lab File: VN069425.D
Acq: 9 Nov 2021 18:28

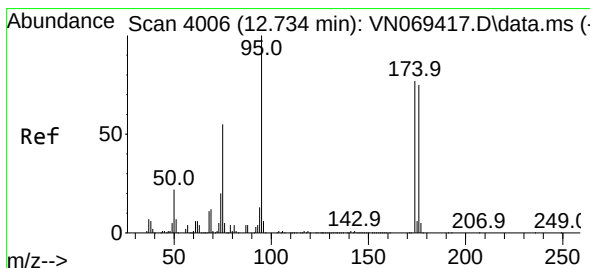
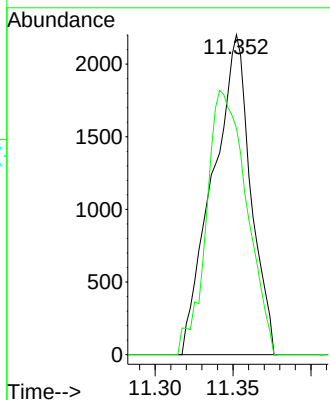
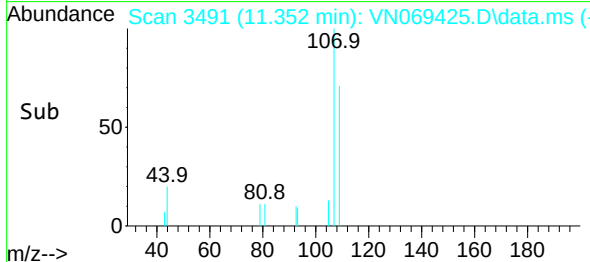
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



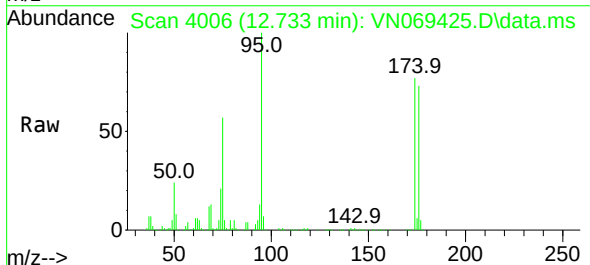
Tgt Ion:107 Resp: 3734
Ion Ratio Lower Upper
107 100
109 87.3 75.7 113.5

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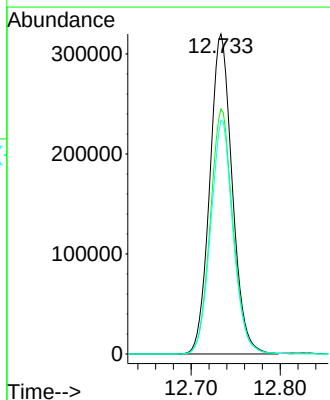
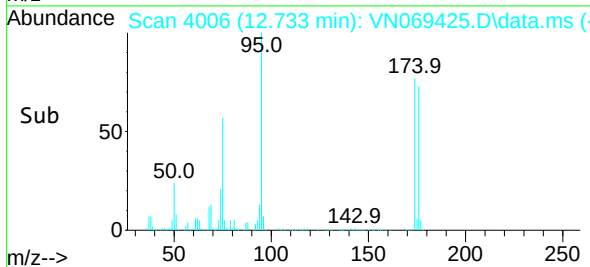
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/17/2021

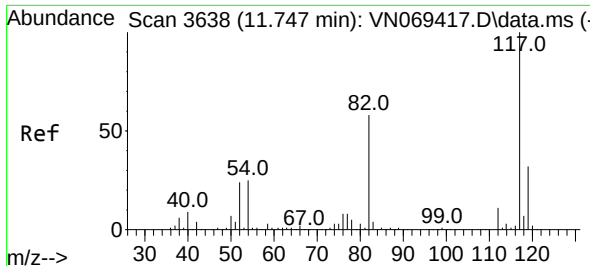


#62
4-Bromofluorobenzene
Concen: 40.601 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.001 min
Lab File: VN069425.D
Acq: 9 Nov 2021 18:28



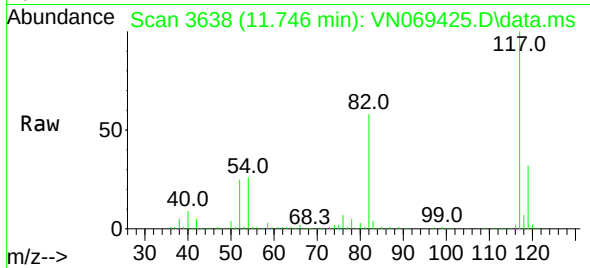
Tgt Ion: 95 Resp: 560254
Ion Ratio Lower Upper
95 100
174 77.5 0.0 187.2
176 73.2 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.001 min
Lab File: VN069425.D
Acq: 9 Nov 2021 18:28

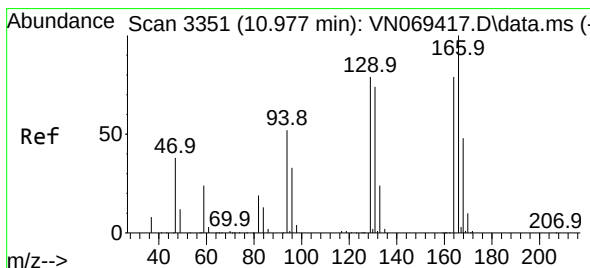
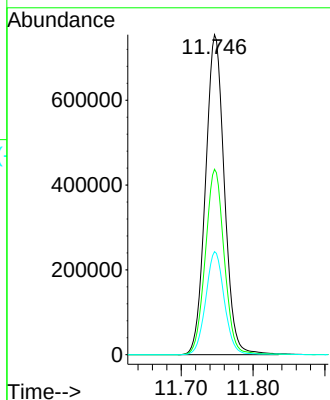
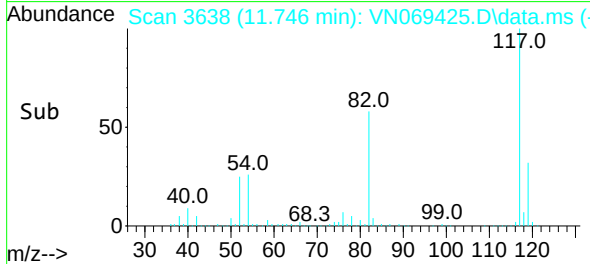
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT4-2021



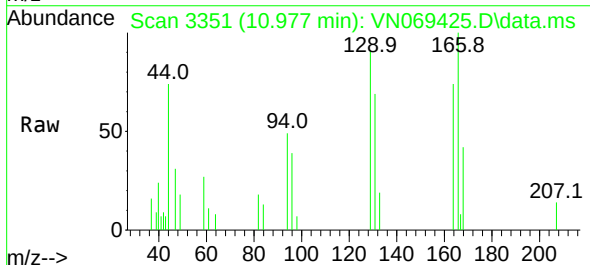
Tgt Ion:117 Resp: 137528
Ion Ratio Lower Upper
117 100
82 57.9 42.4 63.6
119 32.2 25.4 38.2

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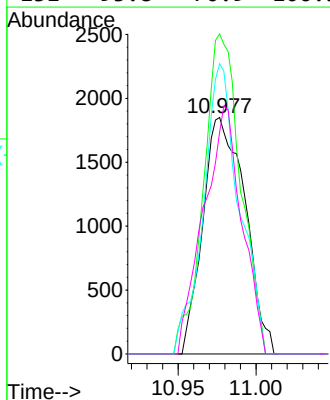
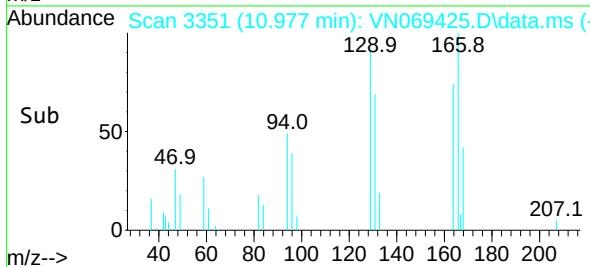
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/17/2021

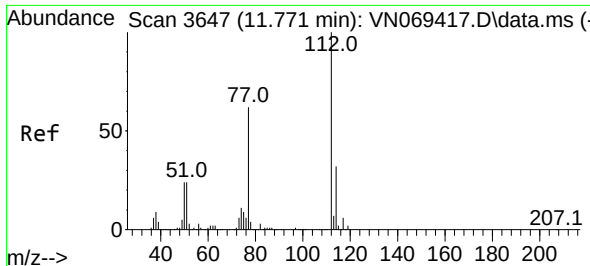


#64
Tetrachloroethene
Concen: 0.420 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.000 min
Lab File: VN069425.D
Acq: 9 Nov 2021 18:28



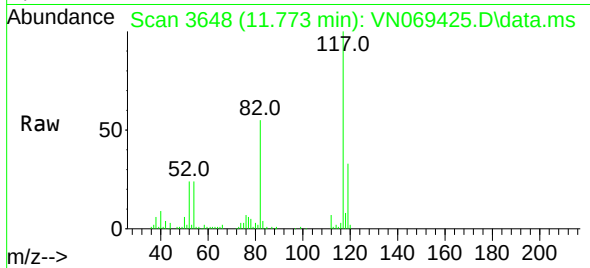
Tgt Ion:164 Resp: 3485
Ion Ratio Lower Upper
164 100
166 135.3 101.9 152.9
129 122.7 72.0 108.0#
131 93.8 70.9 106.3





#65
Chlorobenzene
Concen: 0.403 ug/l
RT: 11.773 min Scan# 3647
Delta R.T. 0.002 min
Lab File: VN069425.D
Acq: 9 Nov 2021 18:28

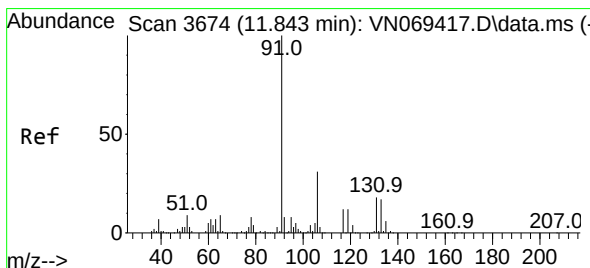
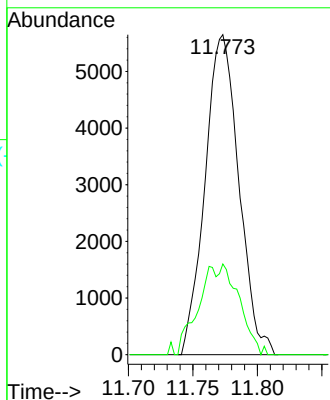
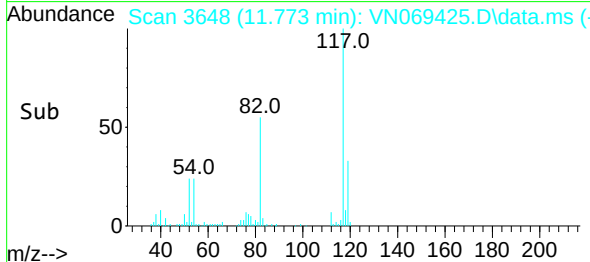
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



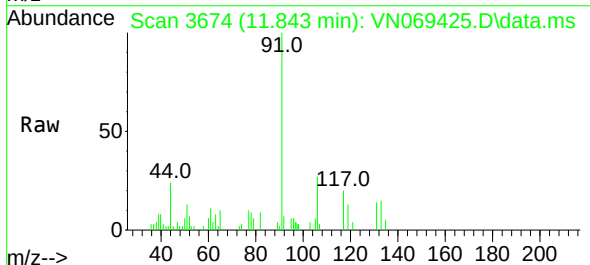
Tgt Ion:112 Resp: 10309
Ion Ratio Lower Upper
112 100
114 28.4 25.4 38.0

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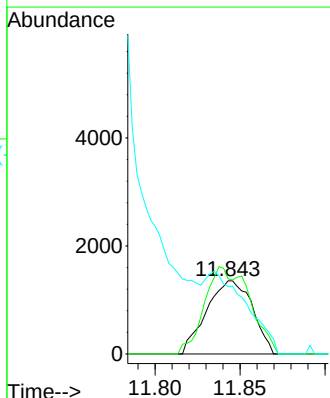
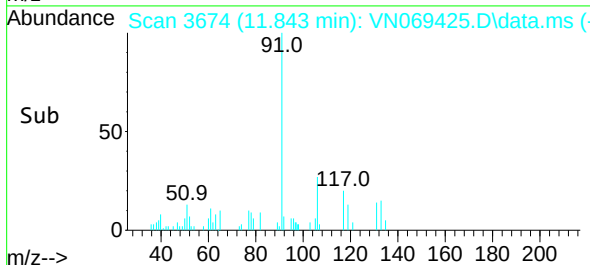
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/17/2021

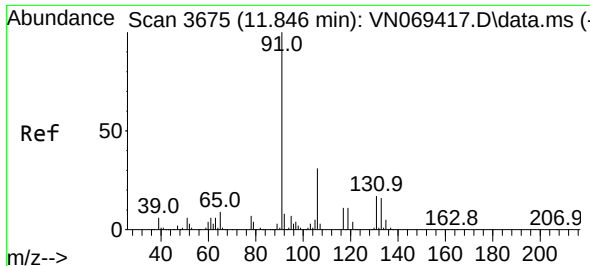


#66
1,1,1,2-Tetrachloroethane
Concen: 0.286 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. -0.000 min
Lab File: VN069425.D
Acq: 9 Nov 2021 18:28



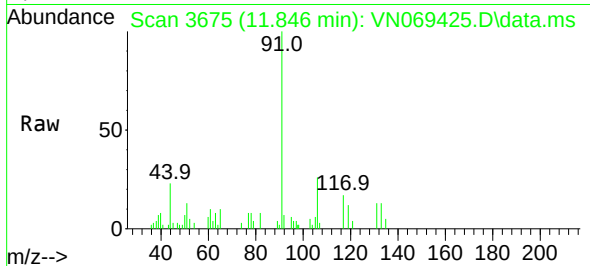
Tgt Ion:131 Resp: 2539
Ion Ratio Lower Upper
131 100
133 71.8 47.9 143.7
119 0.0 32.1 96.5#





#67
Ethyl Benzene
Concen: 0.365 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. -0.000 min
Lab File: VN069425.D
Acq: 9 Nov 2021 18:28

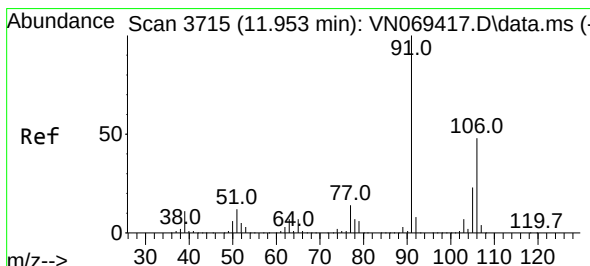
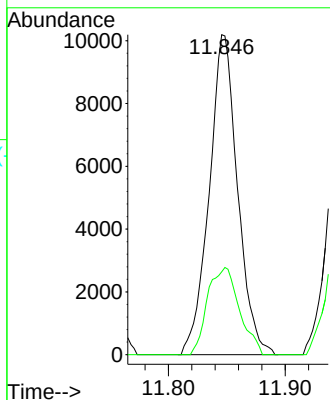
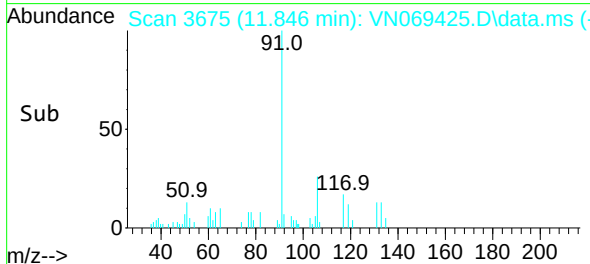
Instrument : MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



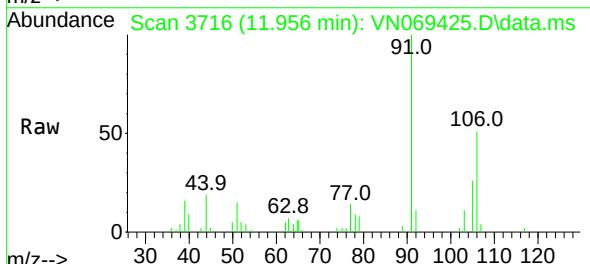
Tgt Ion: 91 Resp: 17224
Ion Ratio Lower Upper
91 100
106 25.9 25.7 38.5

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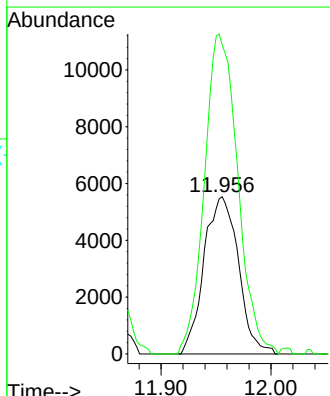
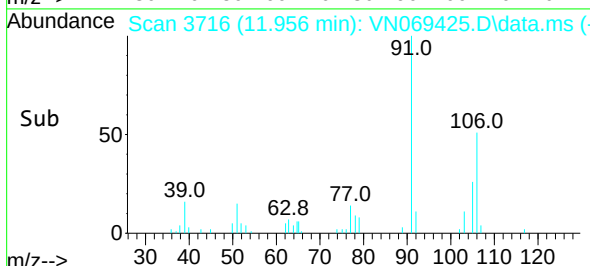
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/17/2021

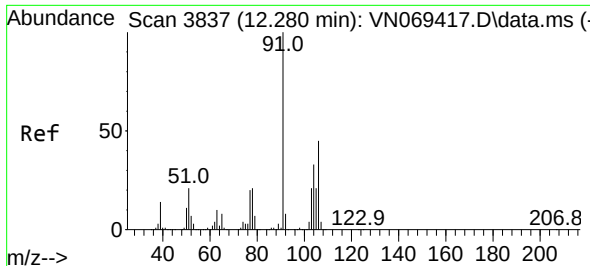


#68
m/p-Xylenes
Concen: 0.695 ug/l
RT: 11.956 min Scan# 3716
Delta R.T. 0.003 min
Lab File: VN069425.D
Acq: 9 Nov 2021 18:28



Tgt Ion:106 Resp: 12060
Ion Ratio Lower Upper
106 100
91 197.0 160.6 240.8





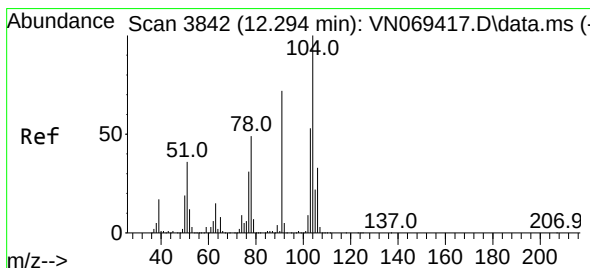
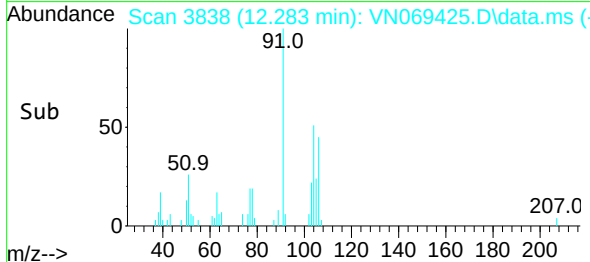
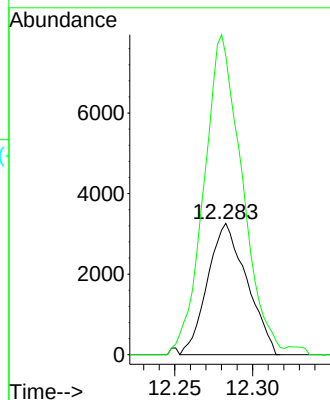
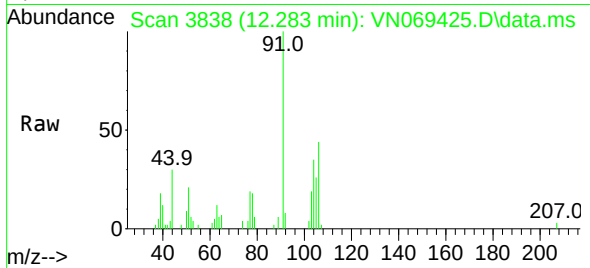
#69
o-Xylene
Concen: 0.330 ug/l
RT: 12.283 min Scan# 3837
Delta R.T. 0.003 min
Lab File: VN069425.D
Acq: 9 Nov 2021 18:28

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

Tgt Ion:106 Resp: 571
Ion Ratio Lower Upper
106 100
91 237.1 105.8 317.3

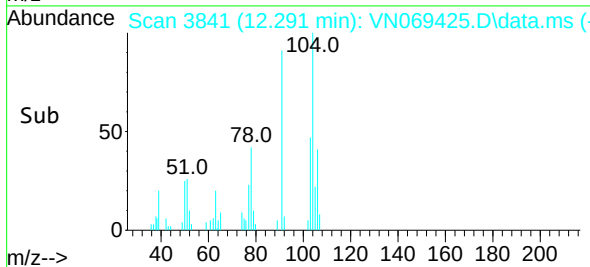
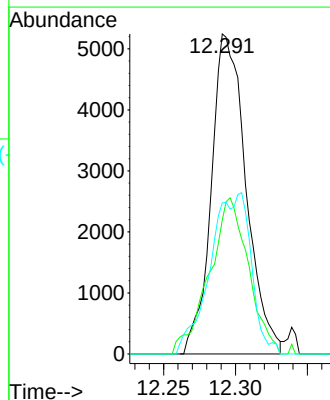
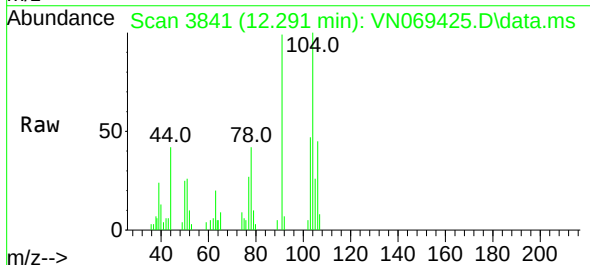
Manual Integrations
APPROVED

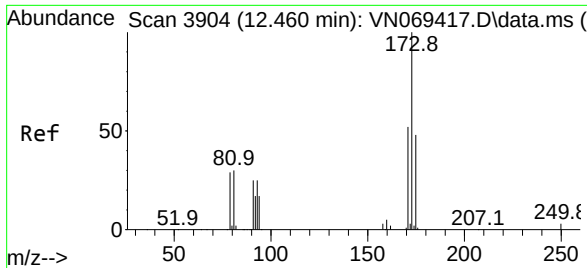
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/17/2021



#70
Styrene
Concen: 1.795 ug/l
RT: 12.291 min Scan# 3841
Delta R.T. -0.003 min
Lab File: VN069425.D
Acq: 9 Nov 2021 18:28

Tgt Ion:104 Resp: 8819
Ion Ratio Lower Upper
104 100
78 55.1 38.7 58.1
103 32.0 45.0 67.6#





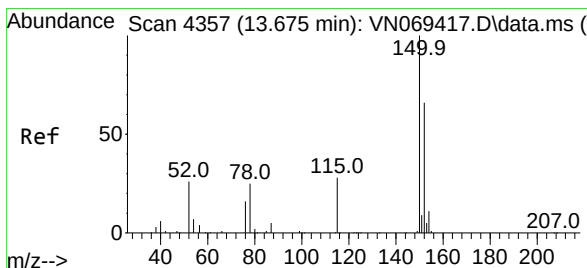
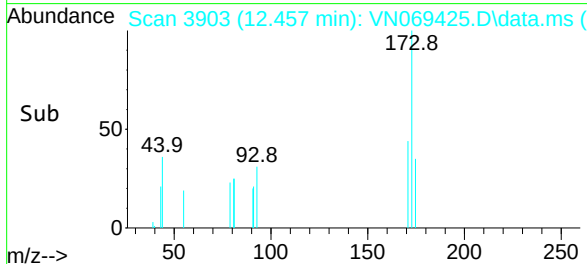
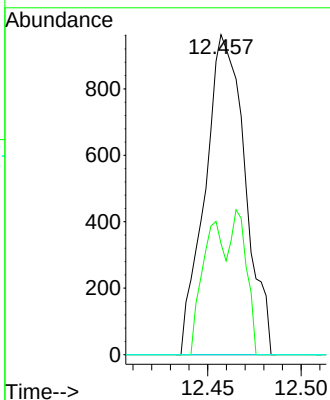
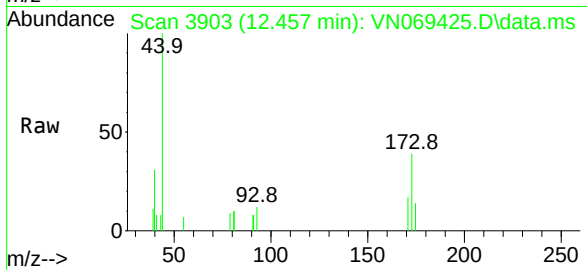
#71
Bromoform
Concen: 3.601 ug/l
RT: 12.457 min Scan# 3903
Delta R.T. -0.003 min
Lab File: VN069425.D
Acq: 9 Nov 2021 18:28

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

Tgt Ion:173 Resp: 143
Ion Ratio Lower Upper
173 100
175 0.0 24.2 72.6
254 0.0 0.0 0.0

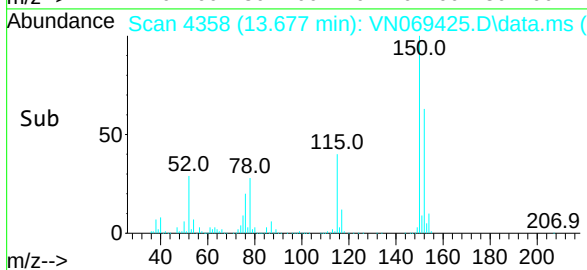
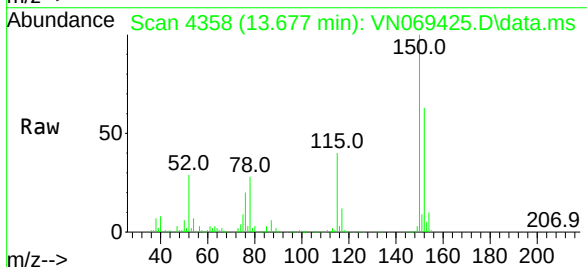
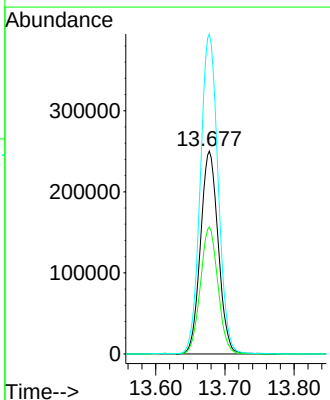
Manual Integrations
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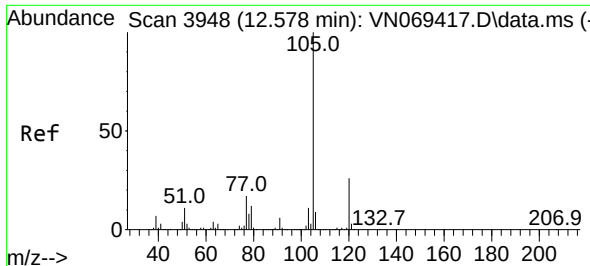
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/17/2021



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.677 min Scan# 4358
Delta R.T. 0.002 min
Lab File: VN069425.D
Acq: 9 Nov 2021 18:28

Tgt Ion:152 Resp: 444813
Ion Ratio Lower Upper
152 100
115 62.0 27.5 82.5
150 157.5 0.0 344.4





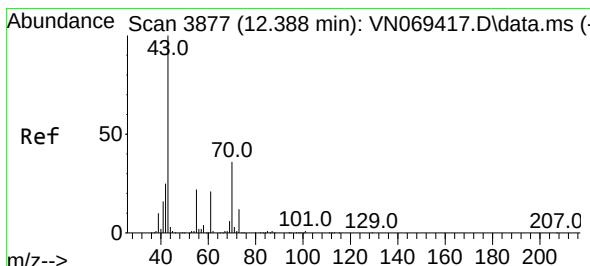
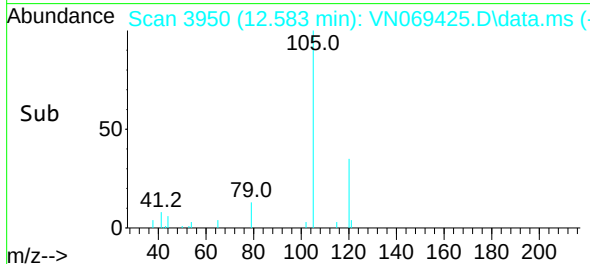
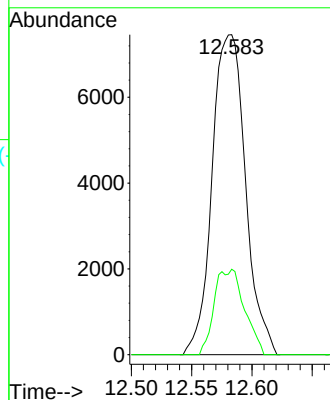
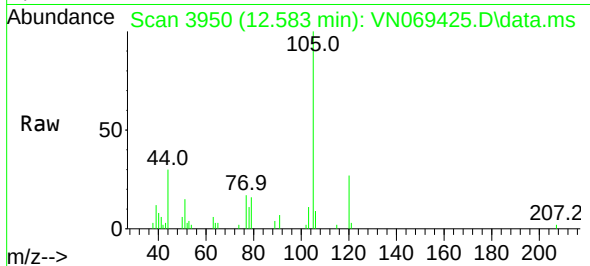
#73
Isopropylbenzene
Concen: 0.406 ug/l
RT: 12.583 min Scan# 3950
Delta R.T. 0.005 min
Lab File: VN069425.D
Acq: 9 Nov 2021 18:28

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

Tgt Ion:105 Resp: 1436
Ion Ratio Lower Upper
105 100
120 10.1 13.4 40.1

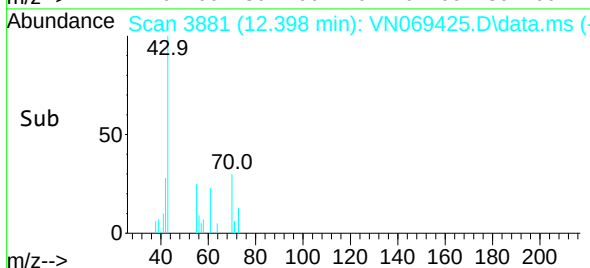
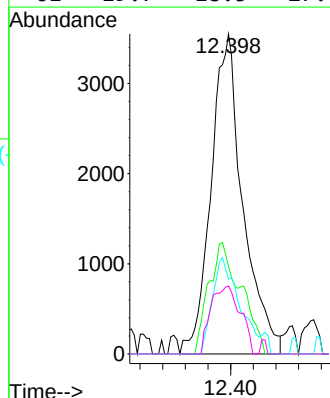
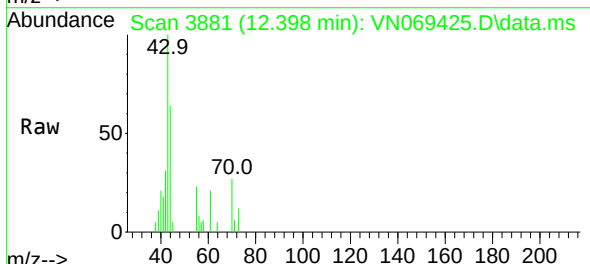
Manual Integrations
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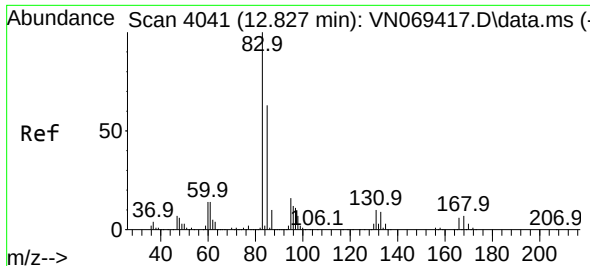
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/17/2021



#74
N-ethyl acetate
Concen: 0.461 ug/l
RT: 12.398 min Scan# 3881
Delta R.T. 0.010 min
Lab File: VN069425.D
Acq: 9 Nov 2021 18:28

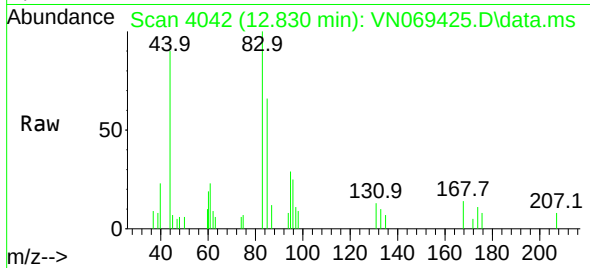
Tgt Ion: 43 Resp: 6913
Ion Ratio Lower Upper
43 100
70 35.3 33.4 50.0
55 25.6 19.3 28.9
61 19.7 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 0.429 ug/l
RT: 12.830 min Scan# 4041
Delta R.T. 0.003 min
Lab File: VN069425.D
Acq: 9 Nov 2021 18:28

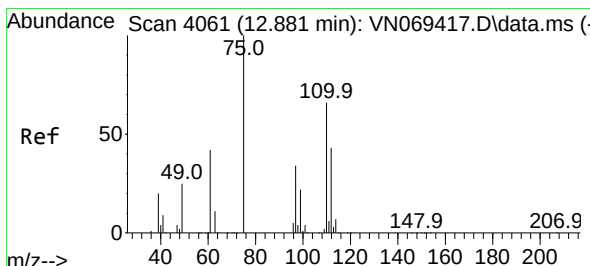
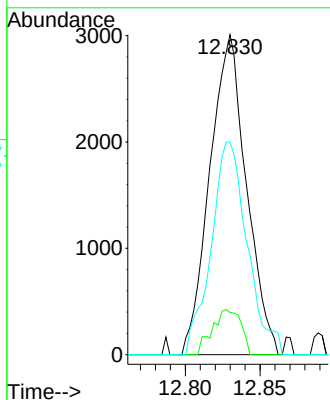
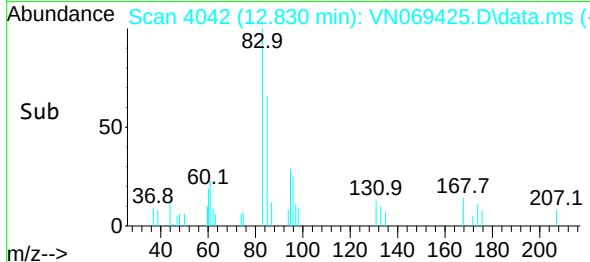
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT4-2021



Tgt Ion: 83 Resp: 512
Ion Ratio Lower Upper
83 100
131 11.0 5.5 16.5
85 65.6 32.4 97.2

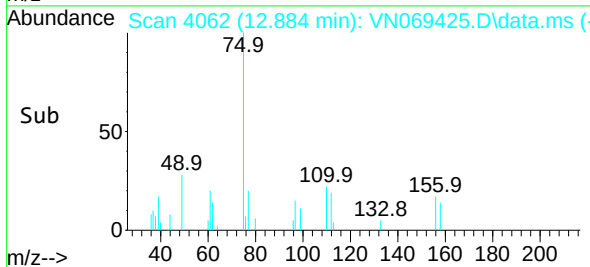
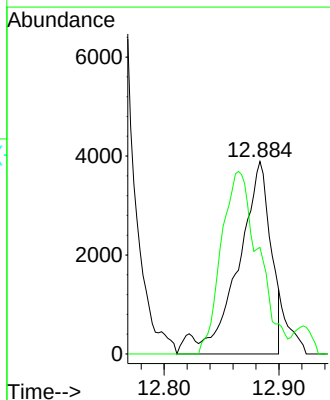
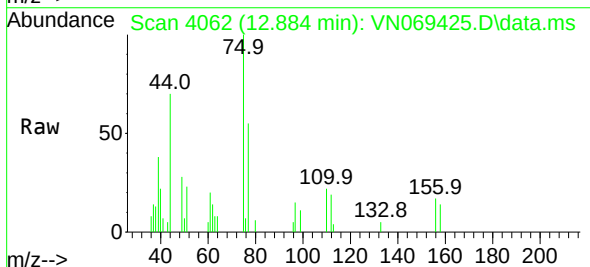
Manual Integrations
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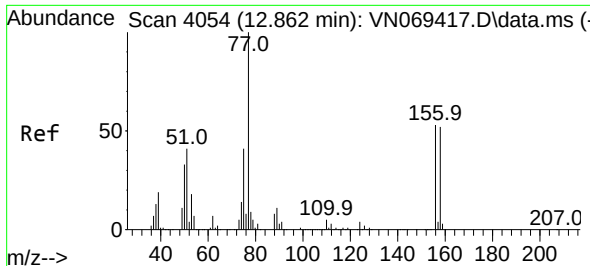
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/17/2021



#76
1,2,3-Trichloropropane
Concen: 0.745 ug/l m
RT: 12.884 min Scan# 4062
Delta R.T. 0.003 min
Lab File: VN069425.D
Acq: 9 Nov 2021 18:28

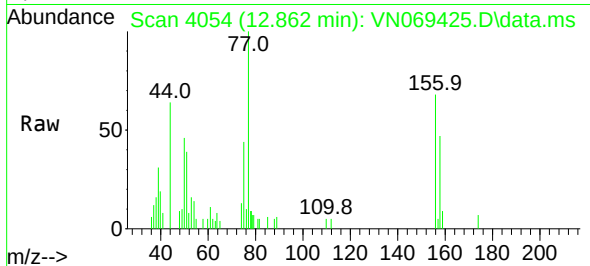
Tgt Ion: 75 Resp: 7649
Ion Ratio Lower Upper
75 100
77 44.3 82.6 247.8#





#77
Bromobenzene
Concen: 0.481 ug/l
RT: 12.862 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VN069425.D
Acq: 9 Nov 2021 18:28

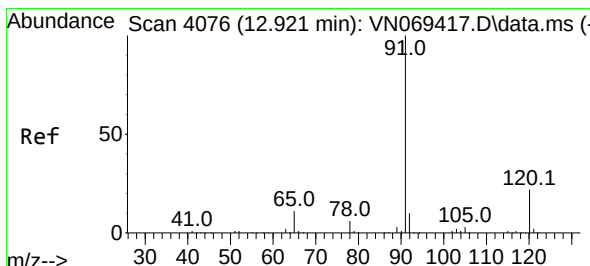
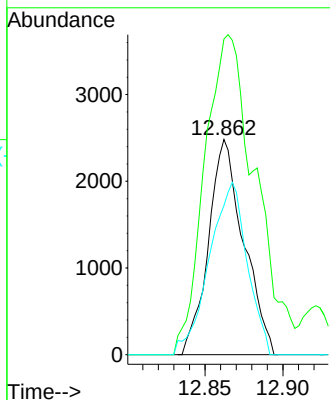
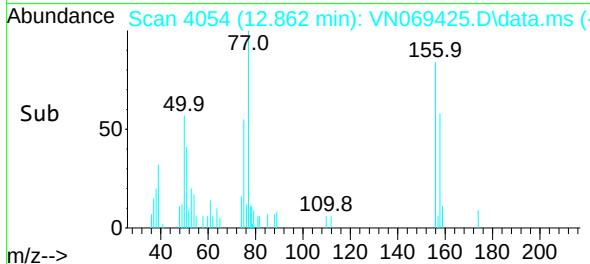
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



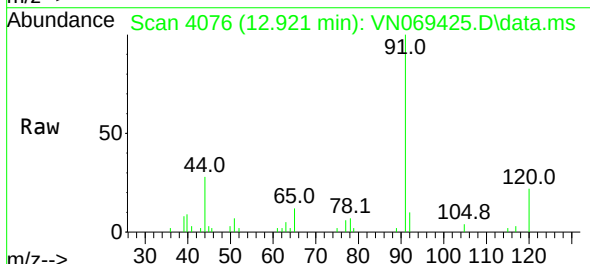
Tgt Ion:156 Resp: 389
Ion Ratio Lower Upper
156 100
77 214.6 90.6 271.8
158 85.8 48.9 146.7

Manual Integrations
APPROVED

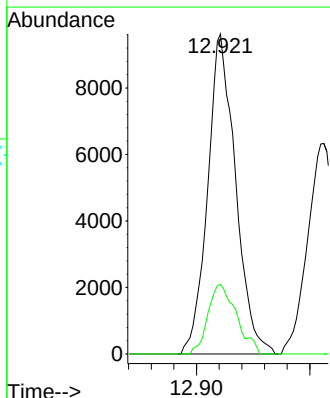
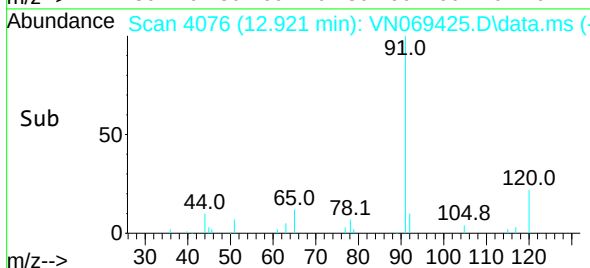
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/17/2021

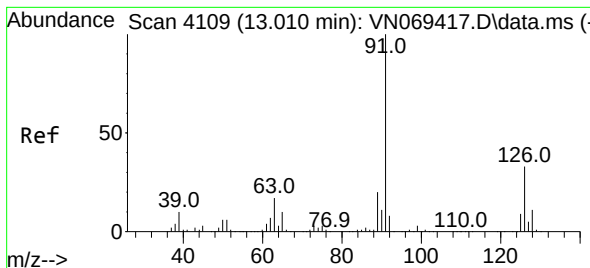


#78
n-propylbenzene
Concen: 0.412 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN069425.D
Acq: 9 Nov 2021 18:28



Tgt Ion: 91 Resp: 16437
Ion Ratio Lower Upper
91 100
120 22.2 11.9 35.9





#79

2-Chlorotoluene

Concen: 0.445 ug/l

RT: 13.012 min Scan# 4109

Delta R.T. 0.002 min

Lab File: VN069425.D

Acq: 9 Nov 2021 18:28

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2021

Tgt Ion: 91 Resp: 10980

Ion Ratio Lower Upper

91 100

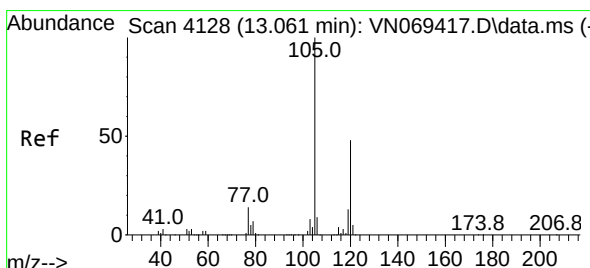
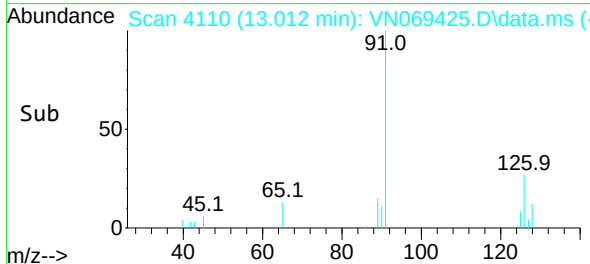
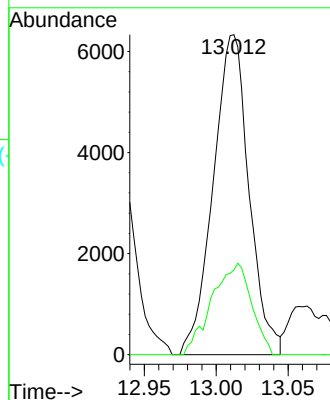
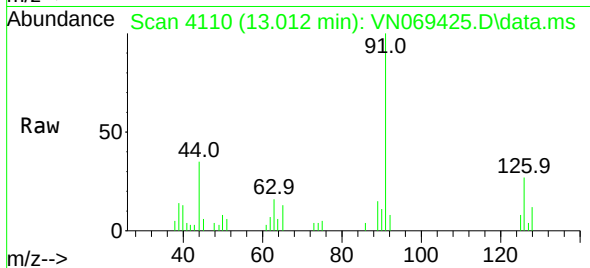
126 31.6 18.3 54.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2021

Supervised By :Semsettin Yesilyurt 11/17/2021



#80

1,3,5-Trimethylbenzene

Concen: 0.418 ug/l

RT: 13.061 min Scan# 4128

Delta R.T. -0.000 min

Lab File: VN069425.D

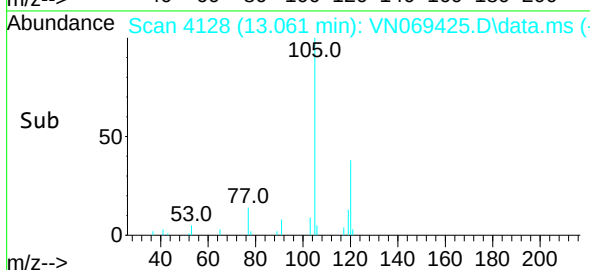
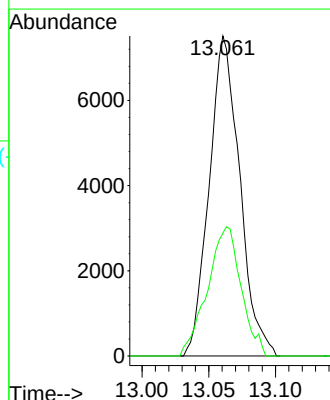
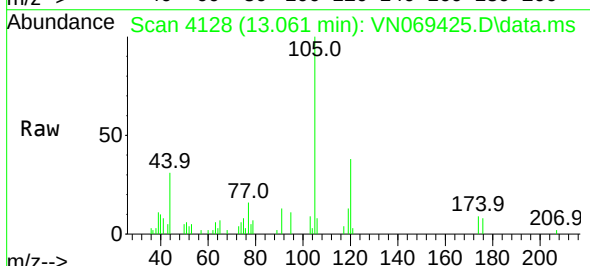
Acq: 9 Nov 2021 18:28

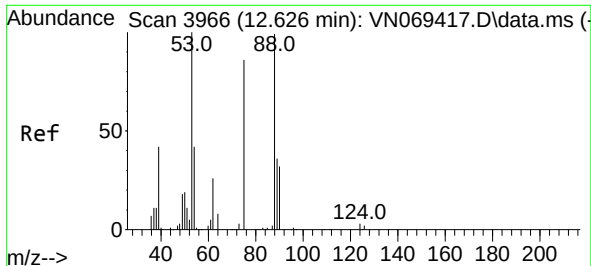
Tgt Ion:105 Resp: 11960

Ion Ratio Lower Upper

105 100

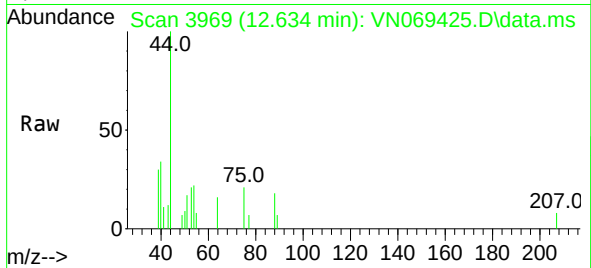
120 44.3 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 5.936 ug/l m
RT: 12.634 min Scan# 3966
Delta R.T. 0.008 min
Lab File: VN069425.D
Acq: 9 Nov 2021 18:28

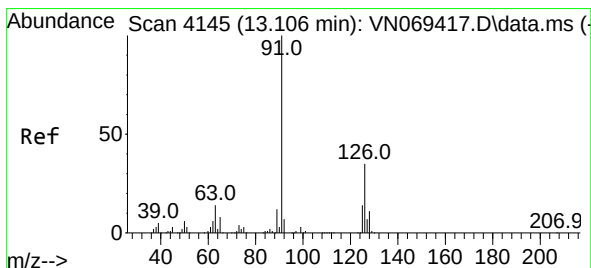
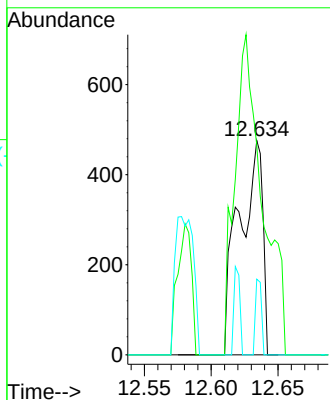
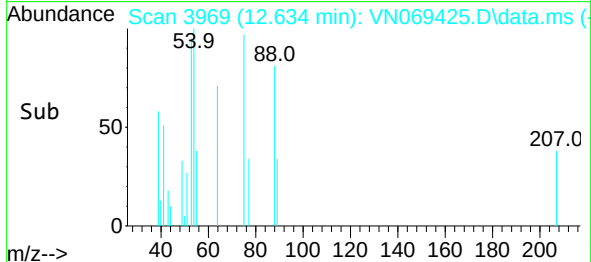
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



Tgt Ion: 75 Resp: 578
Ion Ratio Lower Upper
75 100
53 14.9 90.5 135.7
89 0.0 38.2 57.4

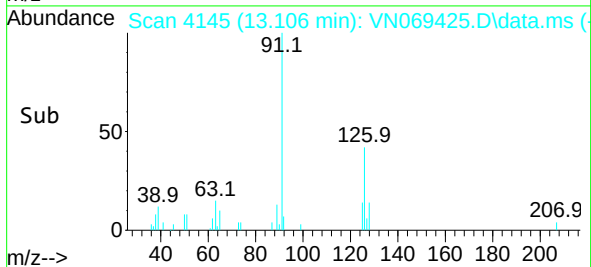
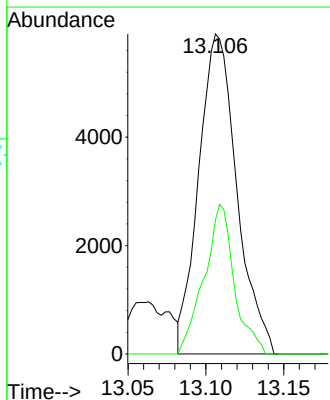
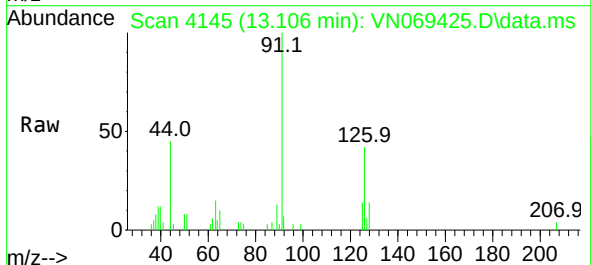
Manual Integrations
APPROVED

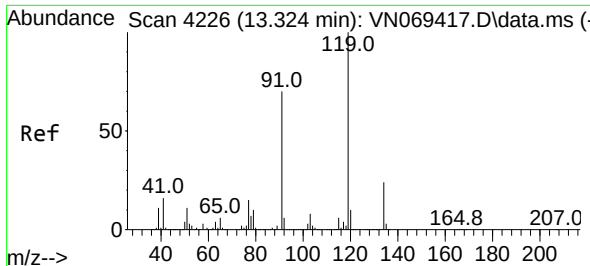
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/17/2021



#82
4-Chlorotoluene
Concen: 0.427 ug/l
RT: 13.106 min Scan# 4145
Delta R.T. 0.000 min
Lab File: VN069425.D
Acq: 9 Nov 2021 18:28

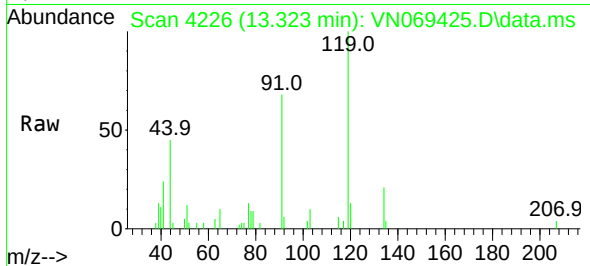
Tgt Ion: 91 Resp: 10039
Ion Ratio Lower Upper
91 100
126 37.0 18.2 54.6





#83
tert-Butylbenzene
Concen: 0.420 ug/l
RT: 13.323 min Scan# 41
Delta R.T. -0.001 min
Lab File: VN069425.D
Acq: 9 Nov 2021 18:28

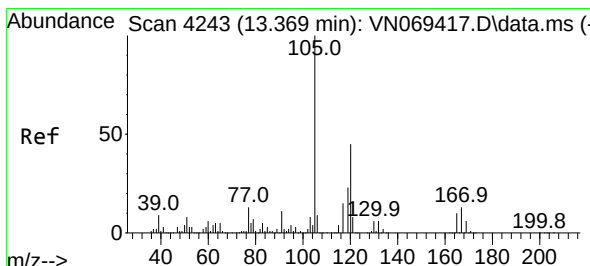
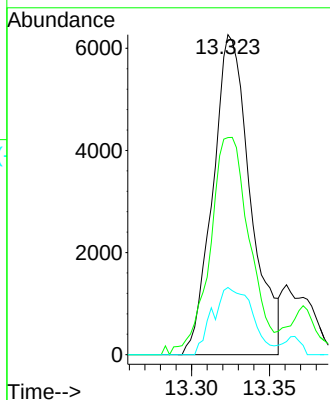
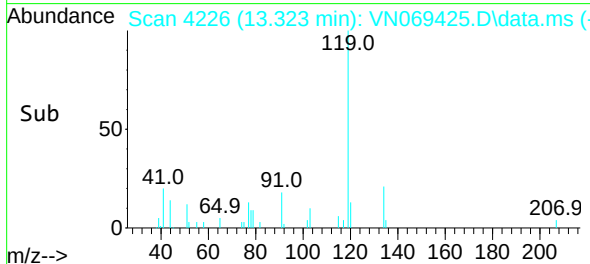
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



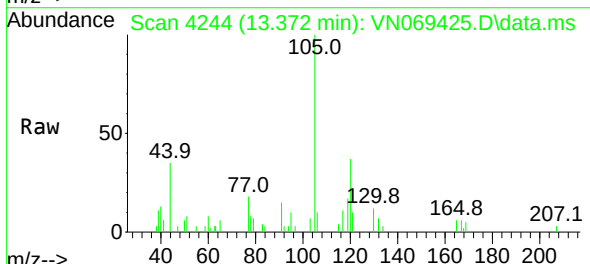
Tgt Ion:119 Resp: 10528
Ion Ratio Lower Upper
119 100
91 70.7 31.5 94.5
134 22.2 12.4 37.4

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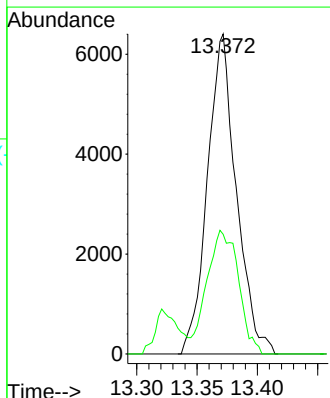
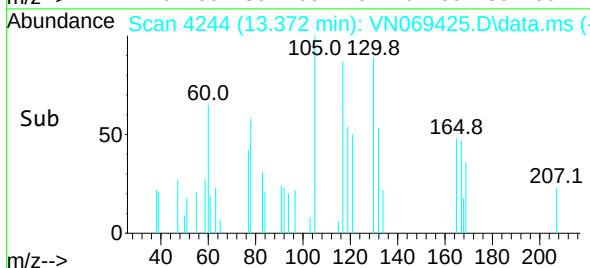
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/17/2021

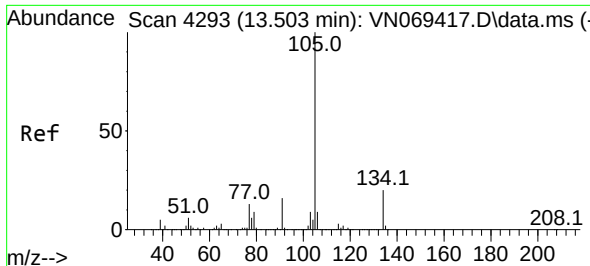


#84
1,2,4-Trimethylbenzene
Concen: 0.387 ug/l
RT: 13.372 min Scan# 4244
Delta R.T. 0.003 min
Lab File: VN069425.D
Acq: 9 Nov 2021 18:28



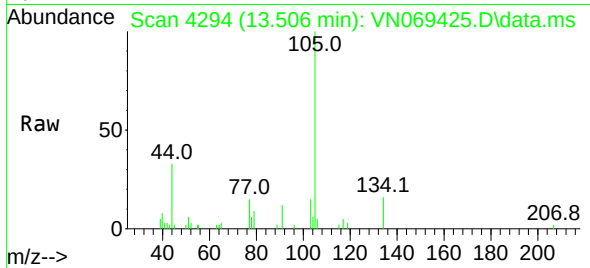
Tgt Ion:105 Resp: 10688
Ion Ratio Lower Upper
105 100
120 42.6 22.8 68.4





#85
 sec-Butylbenzene
 Concen: 0.374 ug/l
 RT: 13.506 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VN069425.D
 Acq: 9 Nov 2021 18:28

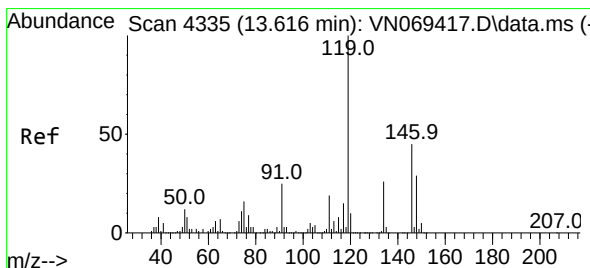
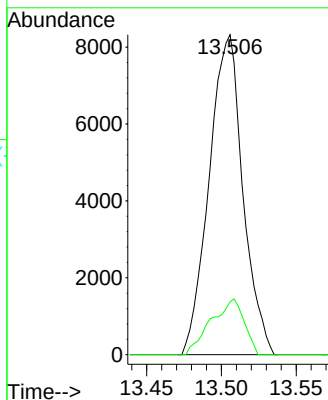
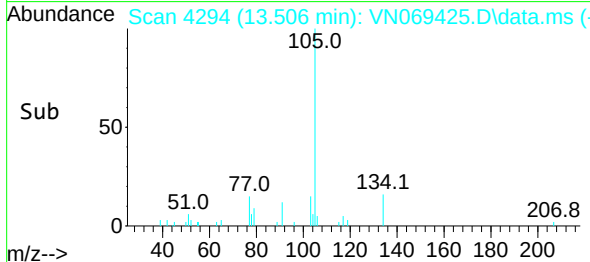
Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2021



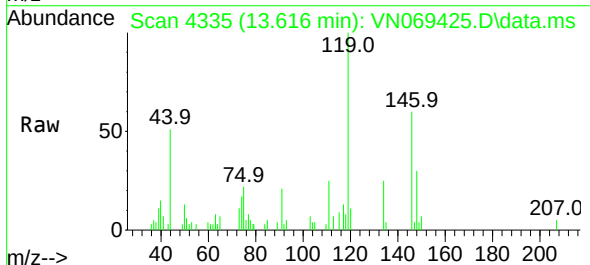
Tgt Ion:105 Resp: 13092
 Ion Ratio Lower Upper
 105 100
 134 17.0 10.4 31.1

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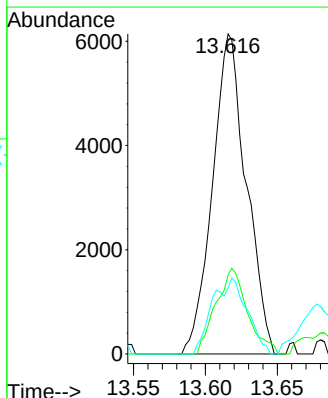
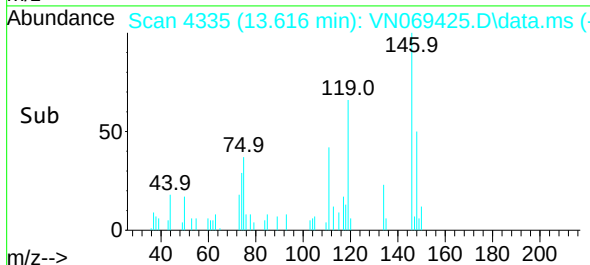
Reviewed By :John Carlone 11/11/2021
 Supervised By :Semsettin Yesilyurt 11/17/2021

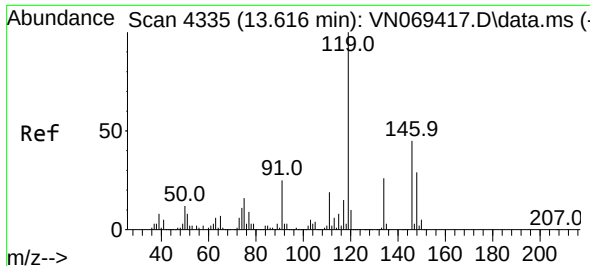


#86
 p-Isopropyltoluene
 Concen: 0.360 ug/l
 RT: 13.616 min Scan# 4335
 Delta R.T. -0.000 min
 Lab File: VN069425.D
 Acq: 9 Nov 2021 18:28



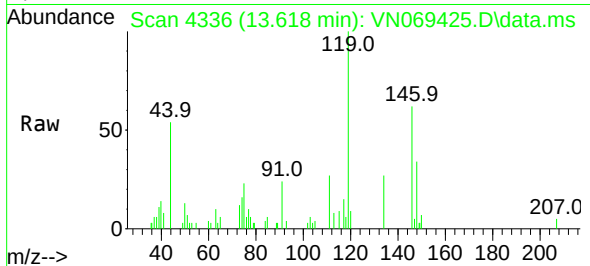
Tgt Ion:119 Resp: 10028
 Ion Ratio Lower Upper
 119 100
 134 24.9 13.6 40.7
 91 24.5 11.4 34.1





#87
1,3-Dichlorobenzene
Concen: 0.430 ug/l
RT: 13.618 min Scan# 4335
Delta R.T. 0.002 min
Lab File: VN069425.D
Acq: 9 Nov 2021 18:28

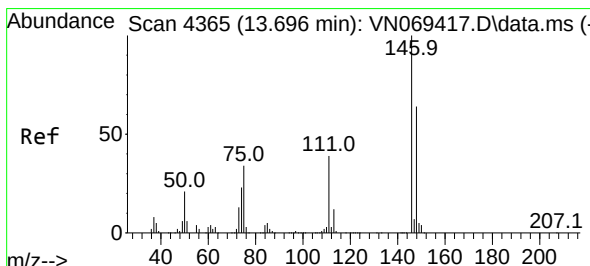
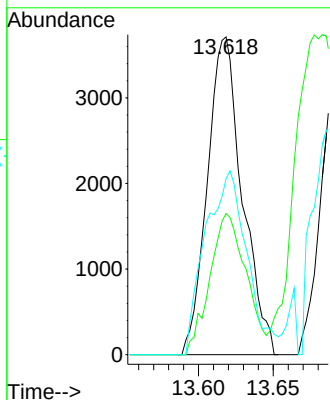
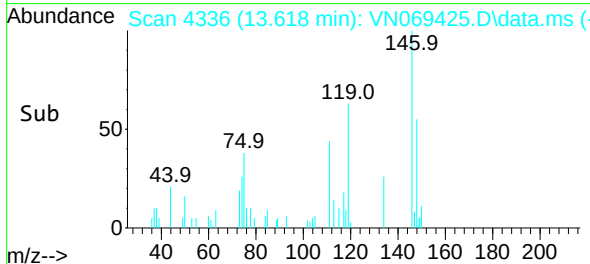
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



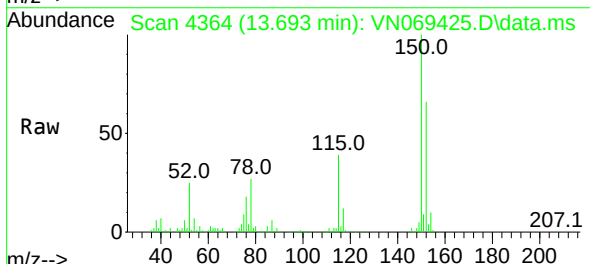
Tgt Ion:146 Resp: 6034
Ion Ratio Lower Upper
146 100
111 46.1 18.6 55.6
148 69.1 31.6 95.0

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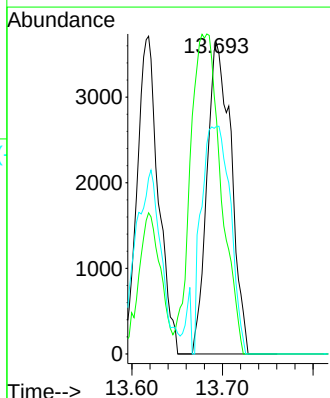
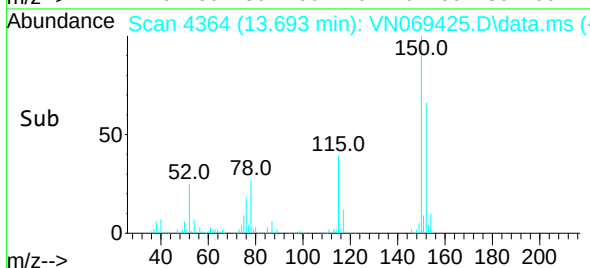
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/17/2021

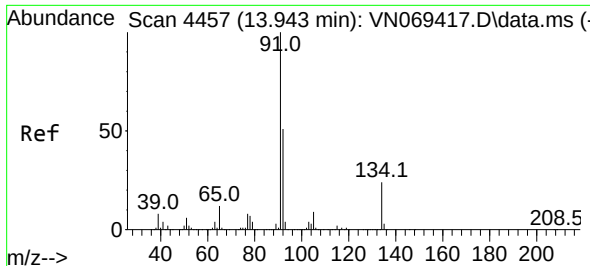


#88
1,4-Dichlorobenzene
Concen: 0.489 ug/l m
RT: 13.693 min Scan# 4364
Delta R.T. -0.003 min
Lab File: VN069425.D
Acq: 9 Nov 2021 18:28



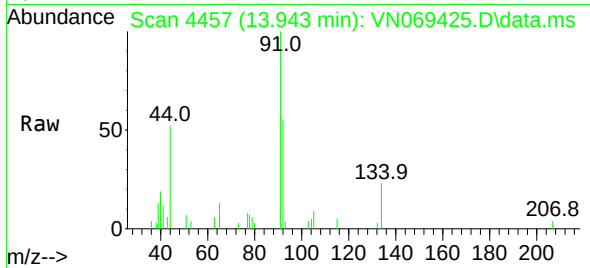
Tgt Ion:146 Resp: 6734
Ion Ratio Lower Upper
146 100
111 41.3 18.3 54.8
148 61.9 31.8 95.4





#89
n-Butylbenzene
Concen: 0.382 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. -0.000 min
Lab File: VN069425.D
Acq: 9 Nov 2021 18:28

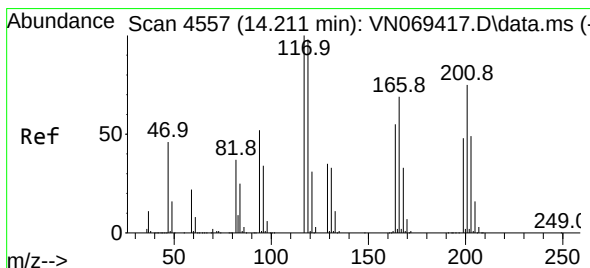
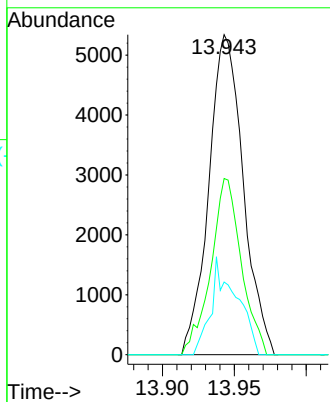
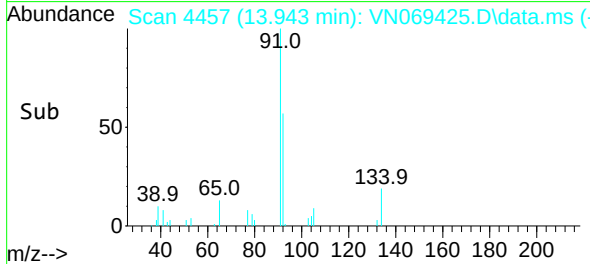
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT4-2021



Tgt Ion: 91 Resp: 887
Ion Ratio Lower Upper
91 100
92 48.8 25.4 76.0
134 22.7 13.6 40.8

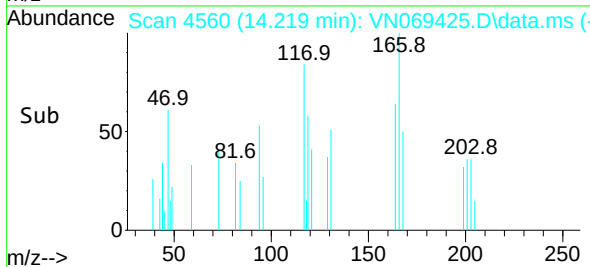
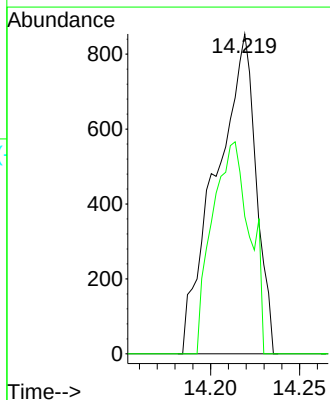
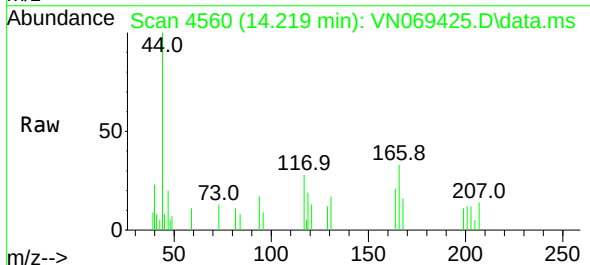
Manual Integrations
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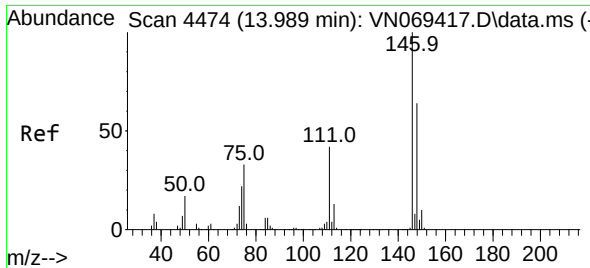
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/17/2021



#90
Hexachloroethane
Concen: 2.411 ug/l
RT: 14.219 min Scan# 4560
Delta R.T. 0.008 min
Lab File: VN069425.D
Acq: 9 Nov 2021 18:28

Tgt Ion:117 Resp: 1332
Ion Ratio Lower Upper
117 100
201 62.2 43.9 131.6





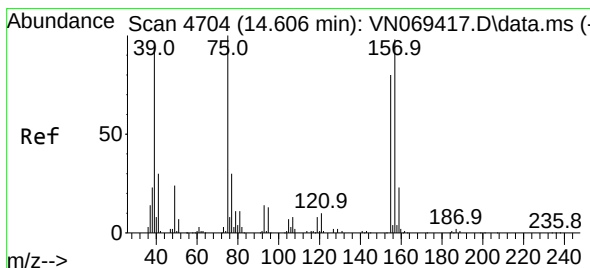
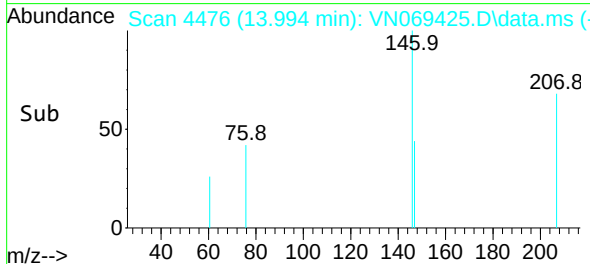
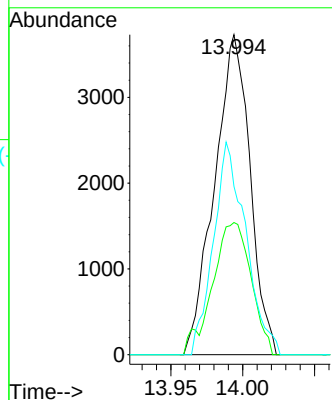
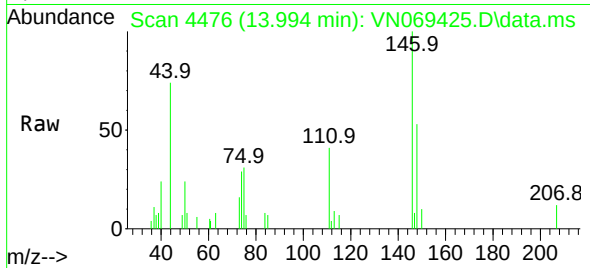
#91
1,2-Dichlorobenzene
Concen: 0.480 ug/l
RT: 13.994 min Scan# 4476
Delta R.T. 0.005 min
Lab File: VN069425.D
Acq: 9 Nov 2021 18:28

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

Tgt Ion:146 Resp: 641
Ion Ratio Lower Upper
146 100
111 44.8 19.1 57.3
148 60.6 32.1 96.3

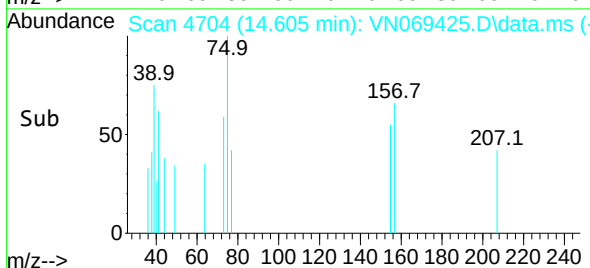
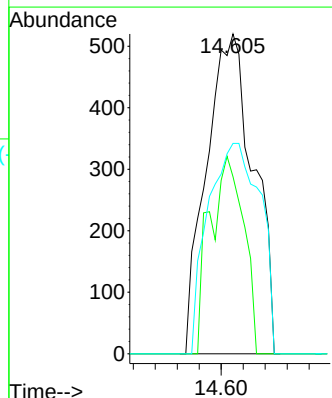
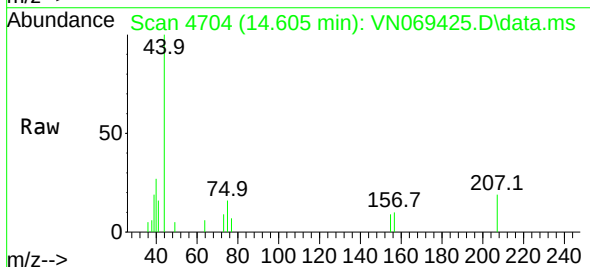
Manual Integrations
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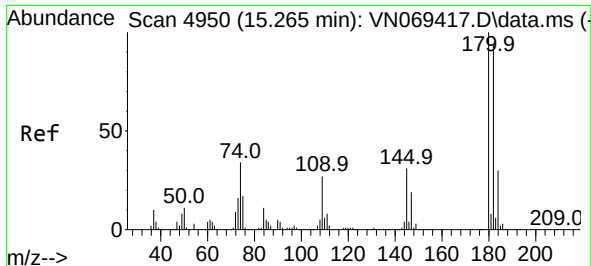
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/17/2021



#92
1,2-Dibromo-3-Chloropropane
Concen: 2.133 ug/l
RT: 14.605 min Scan# 4704
Delta R.T. -0.001 min
Lab File: VN069425.D
Acq: 9 Nov 2021 18:28

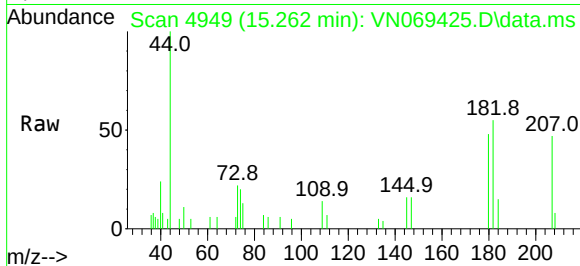
Tgt Ion: 75 Resp: 774
Ion Ratio Lower Upper
75 100
155 44.6 46.9 140.7#
157 72.6 60.6 181.7





#93
1,2,4-Trichlorobenzene
Concen: 3.530 ug/l
RT: 15.262 min Scan# 4950
Delta R.T. -0.003 min
Lab File: VN069425.D
Acq: 9 Nov 2021 18:28

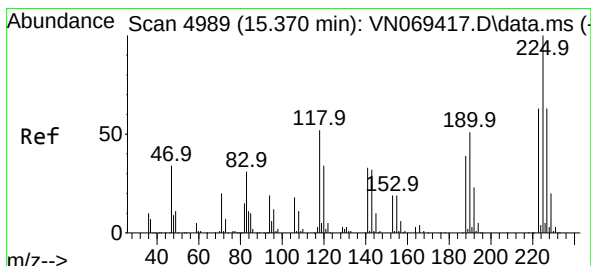
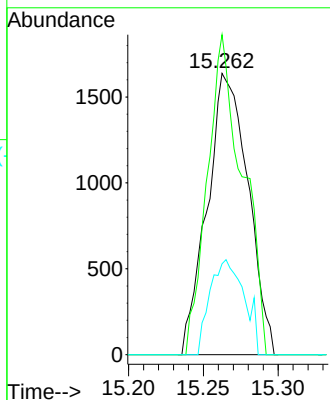
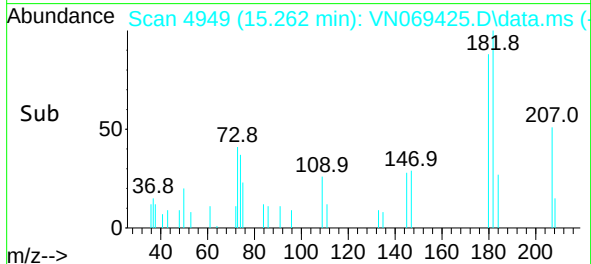
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



Tgt Ion:180 Resp: 310
Ion Ratio Lower Upper
180 100
182 98.2 48.3 144.9
145 28.3 14.5 43.5

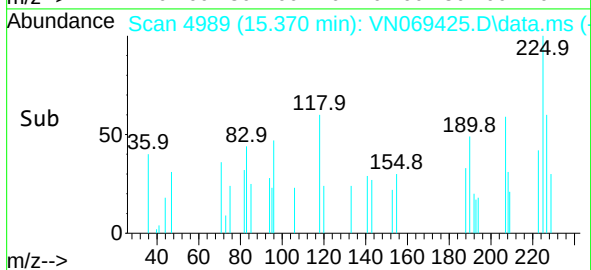
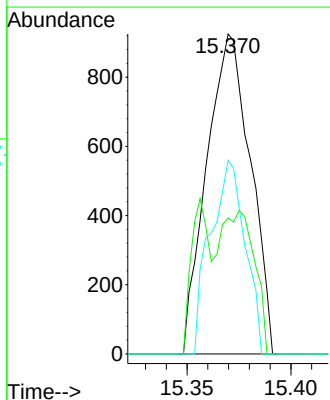
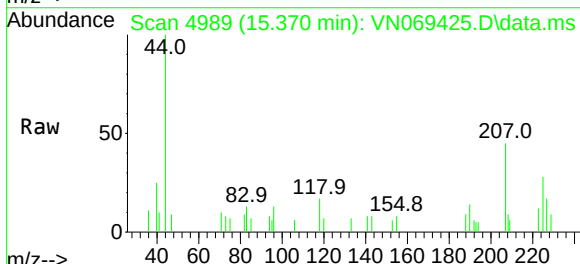
Manual Integrations
APPROVED

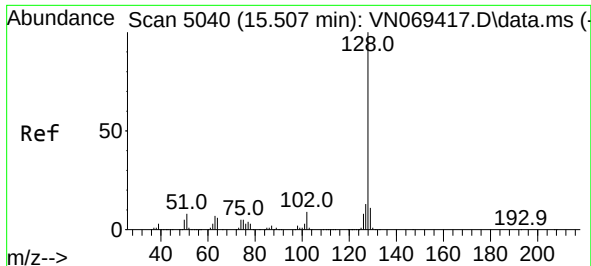
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/17/2021



#94
Hexachlorobutadiene
Concen: 0.390 ug/l
RT: 15.370 min Scan# 4989
Delta R.T. -0.000 min
Lab File: VN069425.D
Acq: 9 Nov 2021 18:28

Tgt Ion:225 Resp: 1353
Ion Ratio Lower Upper
225 100
223 32.4 31.9 95.7
227 48.1 32.1 96.3





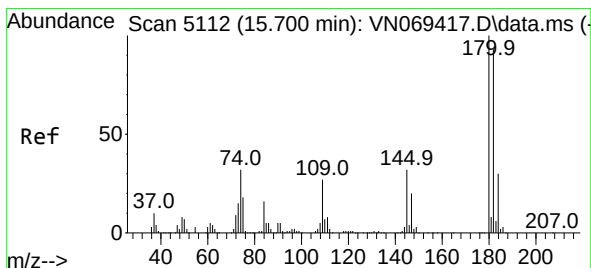
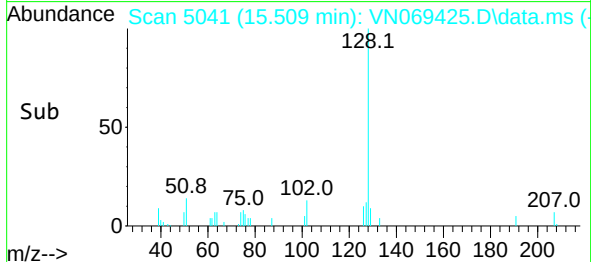
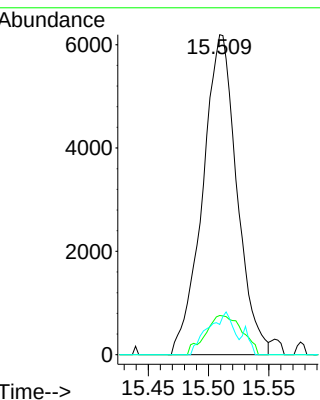
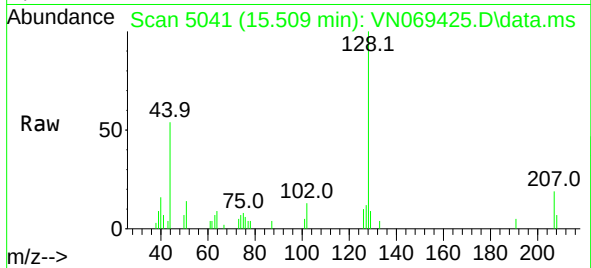
#95
Naphthalene
Concen: 5.015 ug/l
RT: 15.509 min Scan# 5040
Delta R.T. 0.002 min
Lab File: VN069425.D
Acq: 9 Nov 2021 18:28

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

Tgt Ion:128 Resp: 12210
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 9.9 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: 3.709 ug/l
RT: 15.702 min Scan# 5113
Delta R.T. 0.002 min
Lab File: VN069425.D
Acq: 9 Nov 2021 18:28

Tgt Ion:180 Resp: 3855
Ion Ratio Lower Upper
180 100
182 93.3 47.4 142.2
145 29.9 15.0 45.1

