

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111521\
 Data File : VN069491.D
 Acq On : 15 Nov 2021 15:16
 Operator : JC/MD
 Sample : M4068-07
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Nov 16 02:41:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 16 02:35:15 2021
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 11/16/2021
 Supervised By :Mahesh Dadoda 11/18/2021

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

Internal Standards						
1) Pentafluorobenzene	8.085	168	1168796	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1980018	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	1719477	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	612950	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	927301	54.718	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 109.440%			
35) Dibromofluoromethane	8.021	113	622344	52.407	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 104.820%			
50) Toluene-d8	10.440	98	2443504	52.317	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 104.640%			
62) 4-Bromofluorobenzene	12.733	95	764157	44.537	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 89.080%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.075	85	8808	0.705	ug/l	97
3) Chloromethane	2.303	50	13023	0.899	ug/l	94
4) Vinyl Chloride	2.445	62	10965	0.756	ug/l	92
5) Bromomethane	2.866	94	9259	0.983	ug/l #	69
6) Chloroethane	3.025	64	6810	0.696	ug/l #	71
7) Trichlorofluoromethane	3.373	101	16374	0.731	ug/l	90
8) Diethyl Ether	3.821	74	5353	0.738	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.215	101	8025m	0.760	ug/l	
10) Methyl Iodide	4.425	142	9119	0.704	ug/l #	79
12) 1,1-Dichloroethene	4.178	96	7434	0.785	ug/l #	76
13) Acrolein	4.044	56	3222m	6.716	ug/l	
14) Allyl chloride	4.846	41	15604m	0.745	ug/l	
15) Acrylonitrile	5.559	53	24696	3.158	ug/l	96
16) Acetone	4.296	43	37673	4.120	ug/l	96
17) Carbon Disulfide	4.521	76	16196m	0.723	ug/l	
18) Methyl Acetate	4.856	43	25448m	0.856	ug/l	
19) Methyl tert-butyl Ether	5.621	73	29332	0.732	ug/l	97
20) Methylene Chloride	5.098	84	12560	0.969	ug/l #	88
21) trans-1,2-Dichloroethene	5.591	96	8112m	0.767	ug/l	
22) Diisopropyl ether	6.500	45	32089	0.711	ug/l	95
23) Vinyl Acetate	6.436	43	95338	2.732	ug/l	99
24) 1,1-Dichloroethane	6.388	63	17023	0.741	ug/l #	90
25) 2-Butanone	7.348	43	44608	3.603	ug/l	92
26) 2,2-Dichloropropane	7.327	77	14392m	0.800	ug/l	
27) cis-1,2-Dichloroethene	7.321	96	10278	0.784	ug/l	85
28) Bromochloromethane	7.656	49	9280	0.789	ug/l #	87
29) Tetrahydrofuran	7.694	42	22716	2.990	ug/l	96
30) Chloroform	7.817	83	16933	0.719	ug/l	94
31) Cyclohexane	8.088	56	46549	2.011	ug/l #	63
32) 1,1,1-Trichloroethane	8.016	97	13649	0.694	ug/l #	52
36) 1,1-Dichloropropene	8.225	75	11823	0.710	ug/l	95
37) Ethyl Acetate	7.420	43	9970	0.443	ug/l #	83
38) Carbon Tetrachloride	8.204	117	12715	0.790	ug/l #	82
39) Methylcyclohexane	9.456	83	13563	0.654	ug/l #	78
40) Benzene	8.461	78	38719	0.753	ug/l	96
41) Methacrylonitrile	7.638	41	5269	0.453	ug/l #	68

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	8.531	62	17980	0.893	ug/l	88
43) Isopropyl Acetate	8.563	43	25893	0.716	ug/l #	75
44) Trichloroethene	9.212	130	9866	0.802	ug/l	93
45) 1,2-Dichloropropane	9.491	63	10516	0.765	ug/l	91
46) Dibromomethane	9.582	93	6537	0.710	ug/l	92
47) Bromodichloromethane	9.759	83	12183	0.709	ug/l #	87
48) Methyl methacrylate	9.561	41	11247	0.661	ug/l	87
49) 1,4-Dioxane	9.569	88	4312	14.206	ug/l #	73
51) 4-Methyl-2-Pentanone	10.330	43	74522	3.192	ug/l	96
52) Toluene	10.507	92	23260	0.726	ug/l	96
53) t-1,3-Dichloropropene	10.719	75	9879	0.550	ug/l	95
54) cis-1,3-Dichloropropene	10.188	75	11157	0.570	ug/l #	87
55) 1,1,2-Trichloroethane	10.896	97	9727	0.753	ug/l	96
56) Ethyl methacrylate	10.759	69	13133	0.614	ug/l	87
57) 1,3-Dichloropropane	11.046	76	15998	0.705	ug/l	94
58) 2-Chloroethyl Vinyl ether	10.038	63	10404	2.100	ug/l #	65
59) 2-Hexanone	11.089	43	53603	3.080	ug/l	87
60) Dibromochloromethane	11.239	129	6704	0.555	ug/l	96
61) 1,2-Dibromoethane	11.347	107	8503	0.650	ug/l	100
64) Tetrachloroethene	10.977	164	8552	0.824	ug/l	84
65) Chlorobenzene	11.773	112	24793	0.775	ug/l #	88
66) 1,1,1,2-Tetrachloroethane	11.840	131	6977	0.628	ug/l #	65
67) Ethyl Benzene	11.846	91	41176	0.698	ug/l	96
68) m/p-Xylenes	11.953	106	29397	1.354	ug/l	89
69) o-Xylene	12.285	106	14745	0.681	ug/l	93
70) Styrene	12.296	104	20743	0.597	ug/l	93
71) Bromoform	12.454	173	3993	0.504	ug/l #	91
73) Isopropylbenzene	12.578	105	36855	0.755	ug/l	95
74) N-amyl acetate	12.395	43	12973	0.627	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.830	83	13773	0.837	ug/l	98
76) 1,2,3-Trichloropropane	12.881	75	12699m	0.898	ug/l	
77) Bromobenzene	12.865	156	9116	0.817	ug/l	81
78) n-propylbenzene	12.924	91	40732	0.742	ug/l	97
79) 2-Chlorotoluene	13.010	91	27261	0.802	ug/l	94
80) 1,3,5-Trimethylbenzene	13.061	105	28717	0.728	ug/l	99
82) 4-Chlorotoluene	13.106	91	25685	0.792	ug/l	88
83) tert-Butylbenzene	13.323	119	25969	0.751	ug/l	96
84) 1,2,4-Trimethylbenzene	13.372	105	26781	0.703	ug/l	98
85) sec-Butylbenzene	13.503	105	32852	0.680	ug/l	95
86) p-Isopropyltoluene	13.618	119	24504	0.639	ug/l	96
87) 1,3-Dichlorobenzene	13.616	146	14455	0.747	ug/l	95
88) 1,4-Dichlorobenzene	13.696	146	16161m	0.851	ug/l	
89) n-Butylbenzene	13.943	91	21530	0.673	ug/l	93
90) Hexachloroethane	14.206	117	3470	0.552	ug/l	77
91) 1,2-Dichlorobenzene	13.991	146	14637	0.795	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	2017	0.758	ug/l #	58
93) 1,2,4-Trichlorobenzene	15.270	180	4805	0.592	ug/l	92
94) Hexachlorobutadiene	15.372	225	3503	0.732	ug/l	91
95) Naphthalene	15.509	128	12418	0.571	ug/l #	92
96) 1,2,3-Trichlorobenzene	15.700	180	4693	0.604	ug/l	92

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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LOD-MDL-WATER-01-QT4-2021

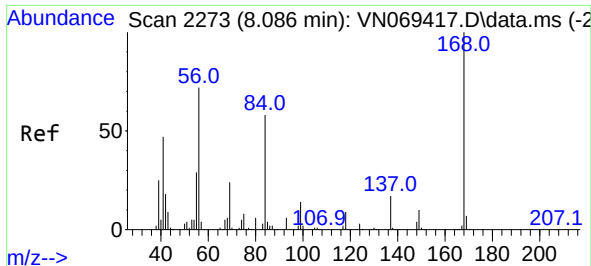
Manual Integrations
APPROVED

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Manual Integrations APPROVED

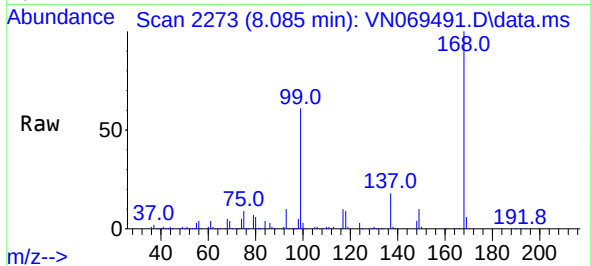
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.085 min Scan# 21
Delta R.T. -0.001 min
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Acq: 15 Nov 2021 15:16

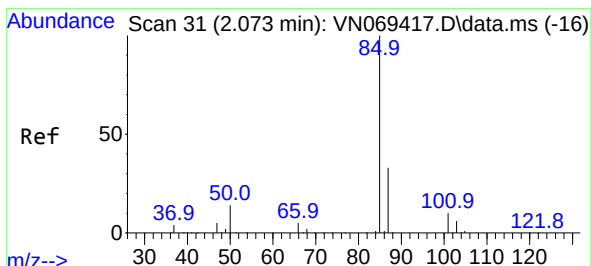
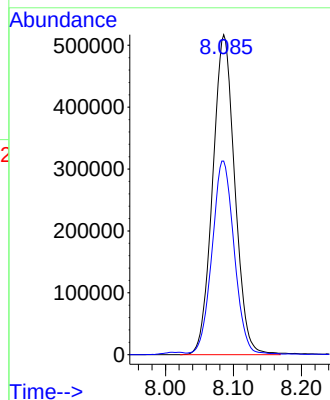
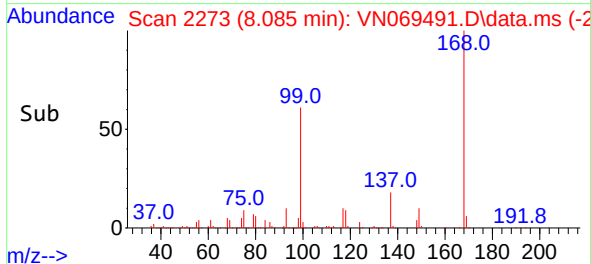
Instrument :
MSVOA_N
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LOD-MDL-WATER-01-QT4-2021



Tgt Ion:168 Resp: 1168790
Ion Ratio Lower Upper
168 100
99 60.3 41.3 61.9

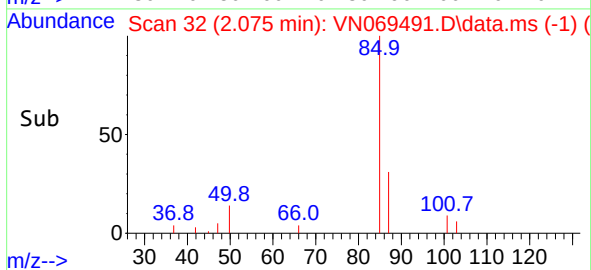
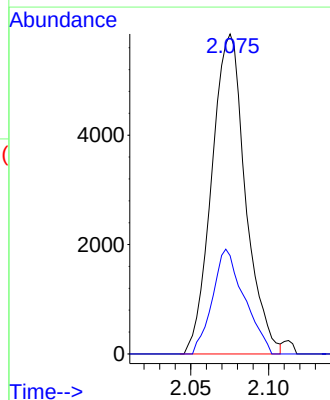
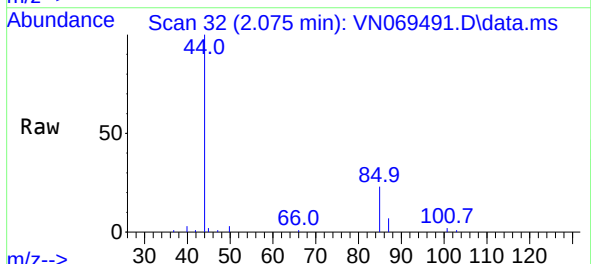
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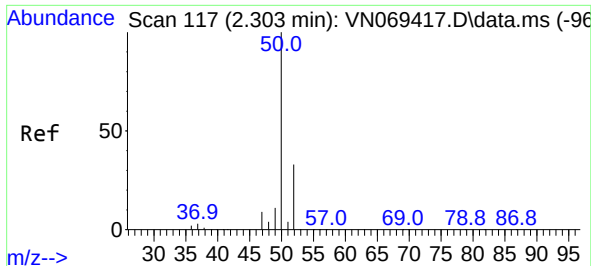
Reviewed By :John Carlone 11/16/2021
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#2
Dichlorodifluoromethane
Concen: 0.705 ug/l
RT: 2.075 min Scan# 32
Delta R.T. 0.002 min
Lab File: VN069491.D
Acq: 15 Nov 2021 15:16

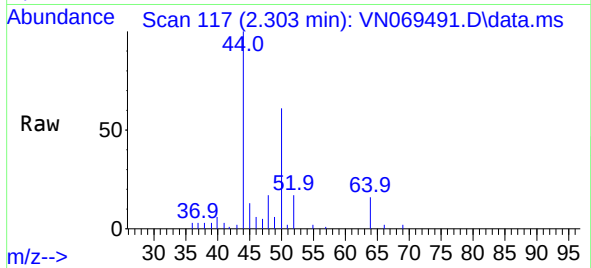
Tgt Ion: 85 Resp: 8808
Ion Ratio Lower Upper
85 100
87 30.7 16.3 48.9





#3
Chloromethane
Concen: 0.899 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN069491.D
Acq: 15 Nov 2021 15:16

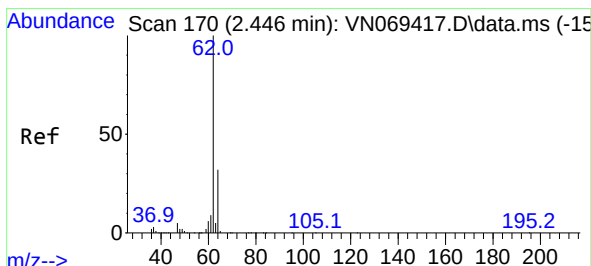
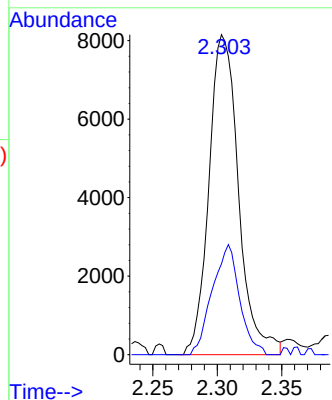
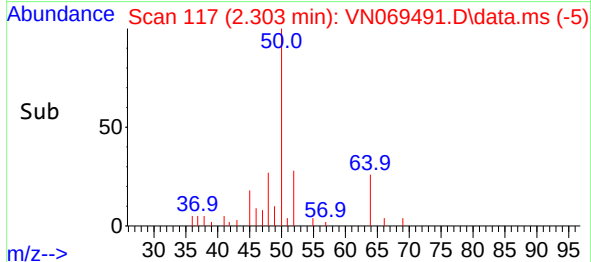
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ClientSampleId :
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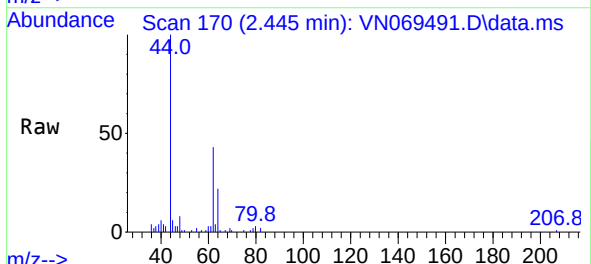
Tgt Ion: 50 Resp: 1302
Ion Ratio Lower Upper
50 100
52 28.4 25.4 38.0

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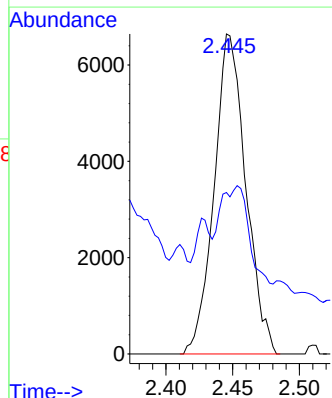
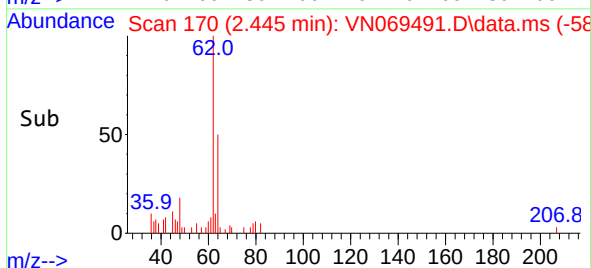
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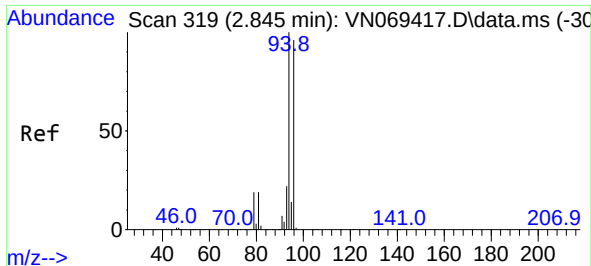


#4
Vinyl Chloride
Concen: 0.756 ug/l
RT: 2.445 min Scan# 170
Delta R.T. -0.001 min
Lab File: VN069491.D
Acq: 15 Nov 2021 15:16



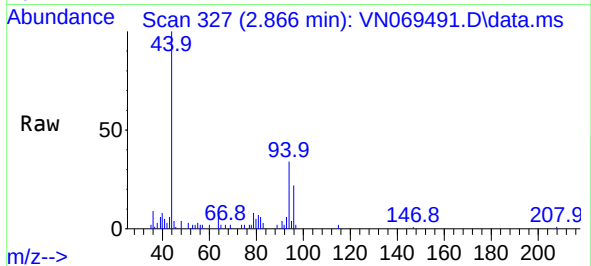
Tgt Ion: 62 Resp: 10965
Ion Ratio Lower Upper
62 100
64 27.6 25.8 38.6





#5
Bromomethane
Concen: 0.983 ug/l
RT: 2.866 min Scan# 319
Delta R.T. 0.021 min
Lab File: VN069491.D
Acq: 15 Nov 2021 15:16

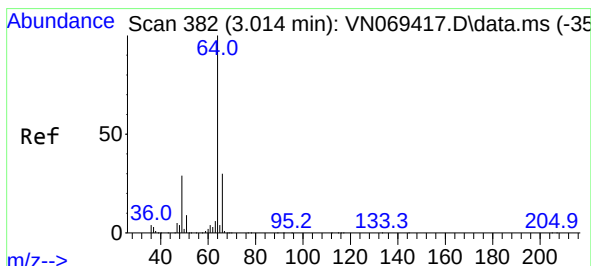
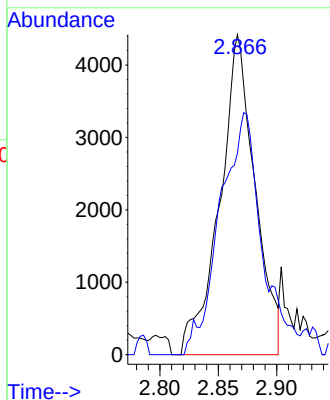
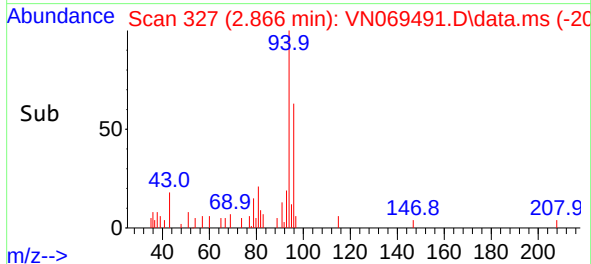
Instrument :
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Tgt Ion: 94 Resp: 925
Ion Ratio Lower Upper
94 100
96 62.9 73.8 110.8

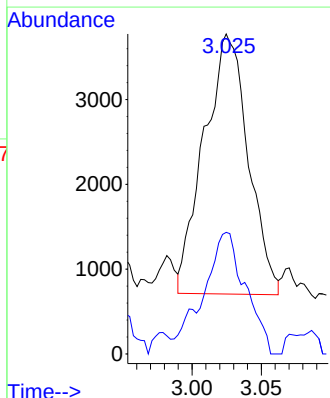
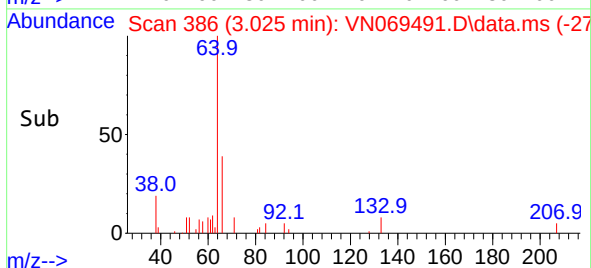
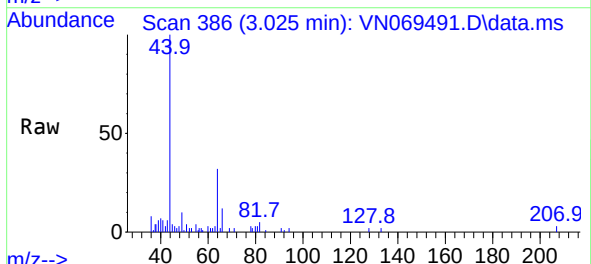
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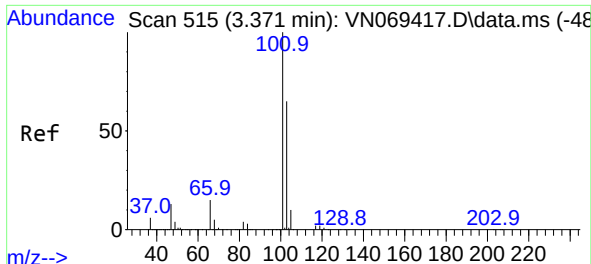
Reviewed By :John Carlone 11/16/2021
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#6
Chloroethane
Concen: 0.696 ug/l
RT: 3.025 min Scan# 386
Delta R.T. 0.011 min
Lab File: VN069491.D
Acq: 15 Nov 2021 15:16

Tgt Ion: 64 Resp: 6810
Ion Ratio Lower Upper
64 100
66 49.3 26.3 39.5





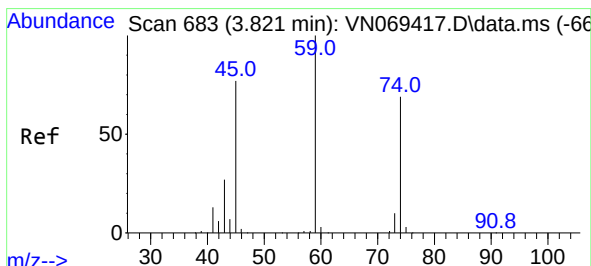
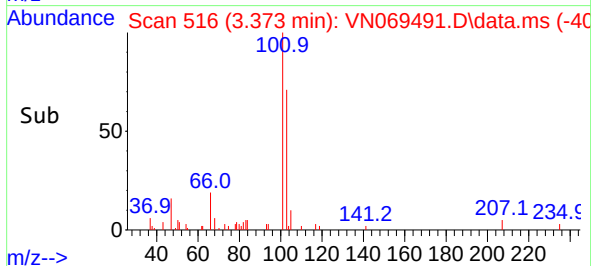
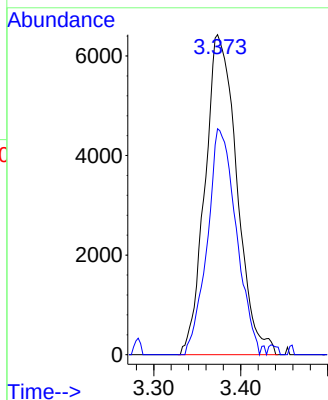
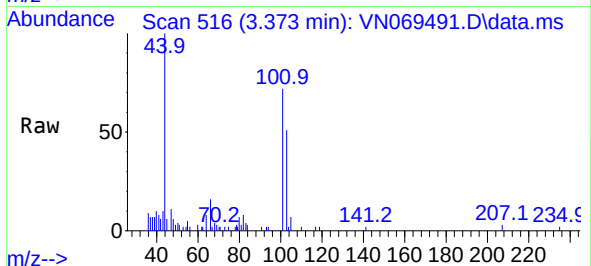
#7
Trichlorofluoromethane
Concen: 0.731 ug/l
RT: 3.373 min Scan# 515
Delta R.T. 0.002 min
Lab File: VN069491.D
Acq: 15 Nov 2021 15:16

Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 16374
Ion Ratio Lower Upper
101 100
103 70.6 50.1 75.1

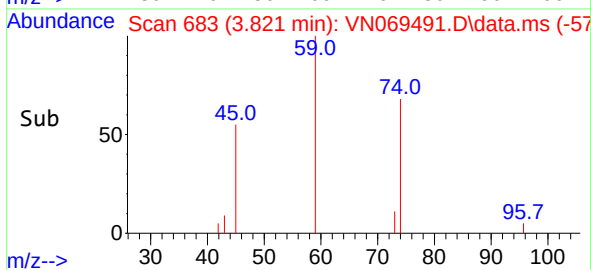
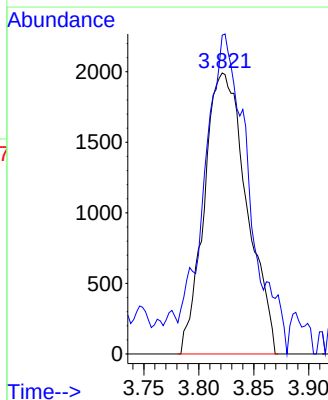
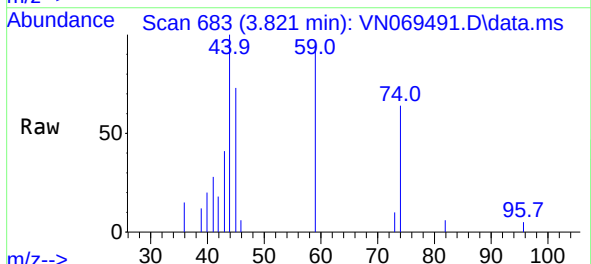
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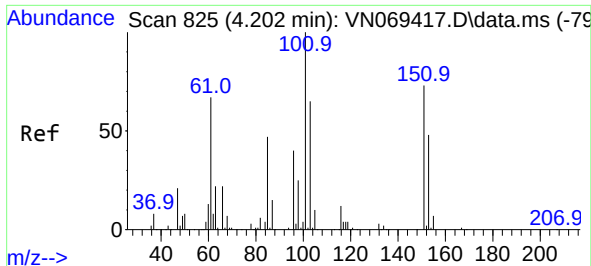
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021



#8
Diethyl Ether
Concen: 0.738 ug/l
RT: 3.821 min Scan# 683
Delta R.T. 0.000 min
Lab File: VN069491.D
Acq: 15 Nov 2021 15:16

Tgt Ion: 74 Resp: 5353
Ion Ratio Lower Upper
74 100
45 91.6 47.0 141.2





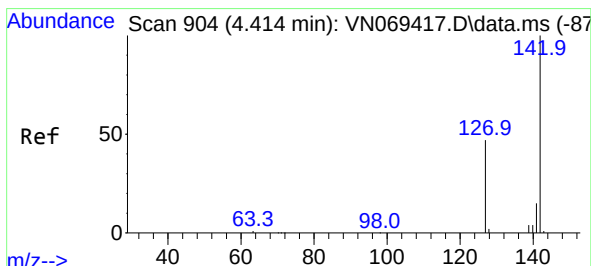
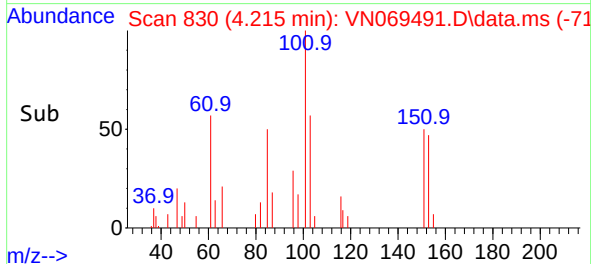
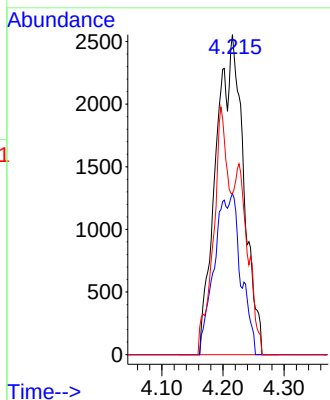
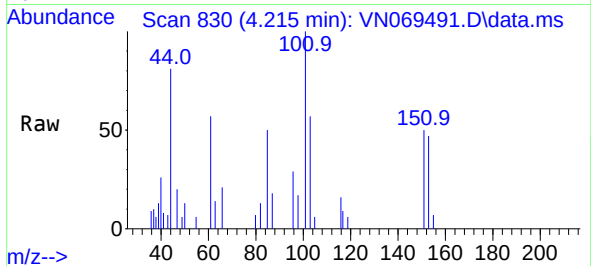
#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.760 ug/l m
RT: 4.215 min Scan# 81
Delta R.T. 0.013 min
Lab File: VN069491.D
Acq: 15 Nov 2021 15:16

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Tgt Ion:101 Resp: 802
Ion Ratio Lower Upper
101 100
85 25.5 37.2 55.8
151 44.7 65.9 98.9

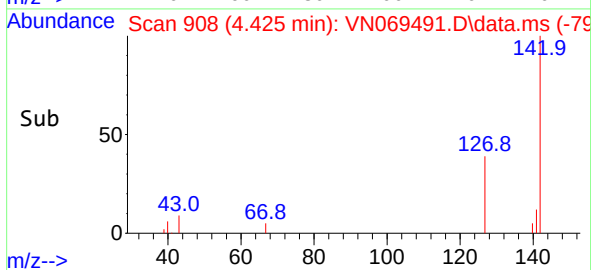
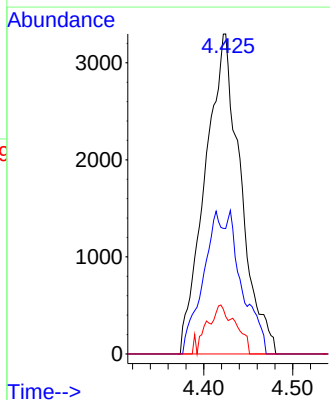
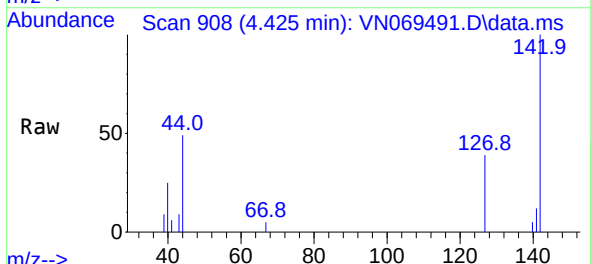
Manual Integrations
APPROVED

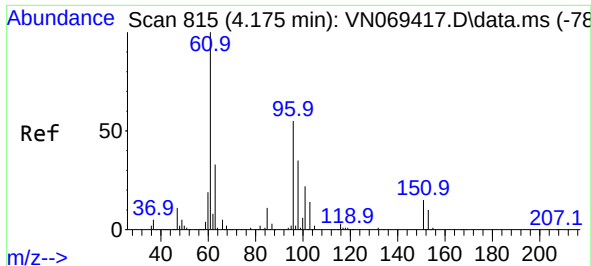
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021



#10
Methyl Iodide
Concen: 0.704 ug/l
RT: 4.425 min Scan# 908
Delta R.T. 0.011 min
Lab File: VN069491.D
Acq: 15 Nov 2021 15:16

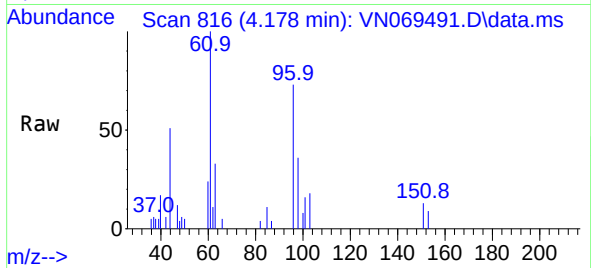
Tgt Ion:142 Resp: 9119
Ion Ratio Lower Upper
142 100
127 27.5 35.4 53.0
141 12.3 11.6 17.4





#12
1,1-Dichloroethene
Concen: 0.785 ug/l
RT: 4.178 min Scan# 815
Delta R.T. 0.003 min
Lab File: VN069491.D
Acq: 15 Nov 2021 15:16

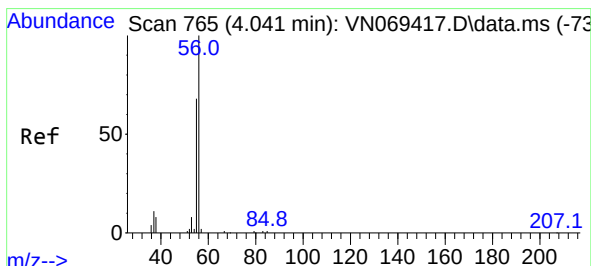
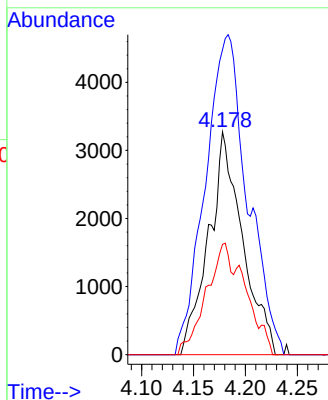
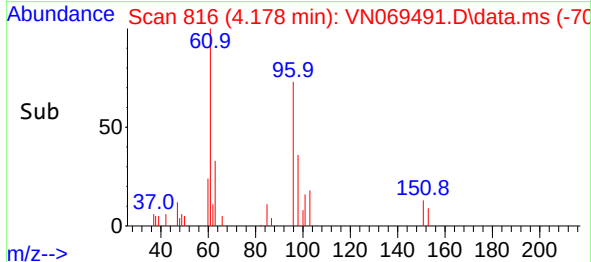
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



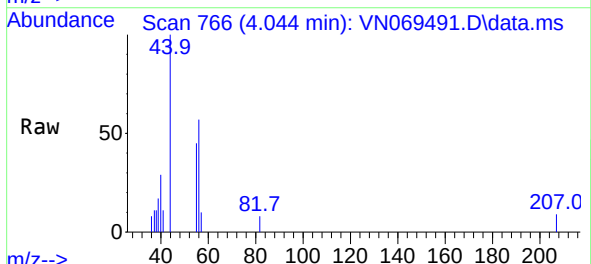
Tgt Ion: 96 Resp: 7434
Ion Ratio Lower Upper
96 100
61 129.9 131.0 196.6
98 49.5 52.4 78.6

Manual Integrations
APPROVED

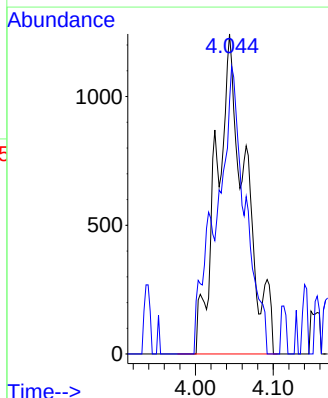
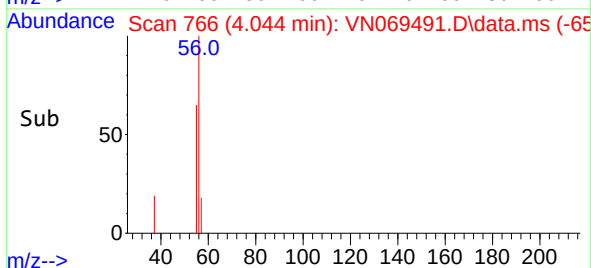
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021

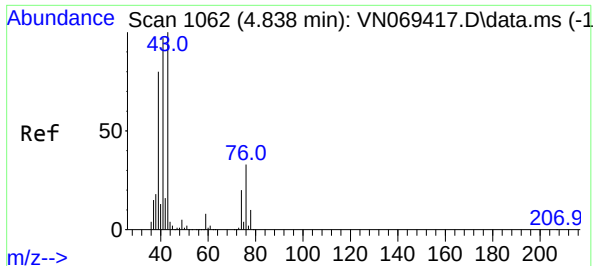


#13
Acrolein
Concen: 6.716 ug/l m
RT: 4.044 min Scan# 766
Delta R.T. 0.003 min
Lab File: VN069491.D
Acq: 15 Nov 2021 15:16



Tgt Ion: 56 Resp: 3222
Ion Ratio Lower Upper
56 100
55 70.3 56.6 85.0





#14

Allyl chloride

Concen: 0.745 ug/l m

RT: 4.846 min Scan# 1

Delta R.T. 0.008 min

Lab File: VN069491.D

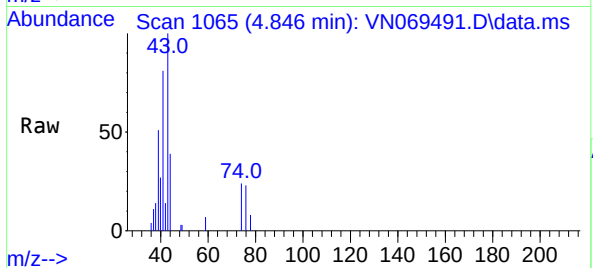
Acq: 15 Nov 2021 15:16

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2021



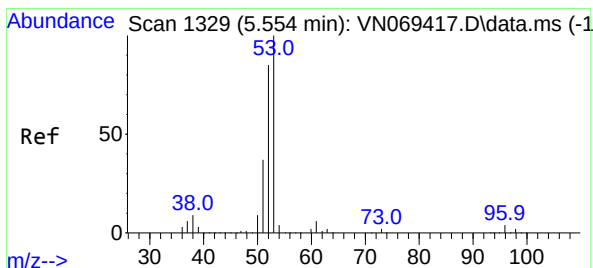
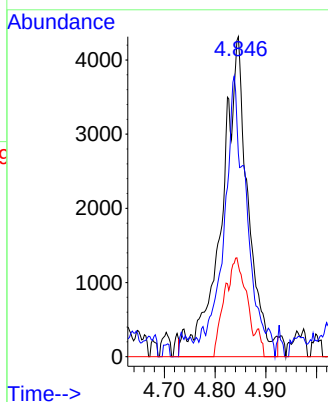
Tgt Ion:	41	Resp:	15604
Ion	Ratio	Lower	Upper
41	100		
39	60.8	61.2	91.8
76	17.7	26.0	39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/16/2021

Supervised By :Mahesh Dadoda 11/18/2021



#15

Acrylonitrile

Concen: 3.158 ug/l

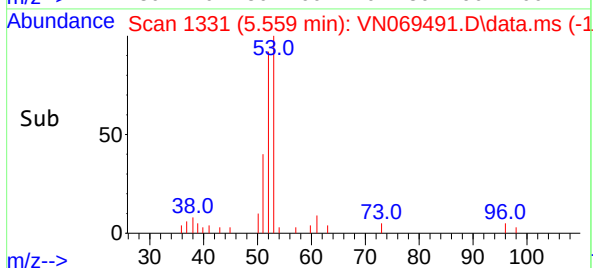
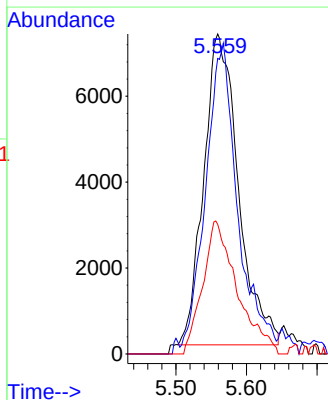
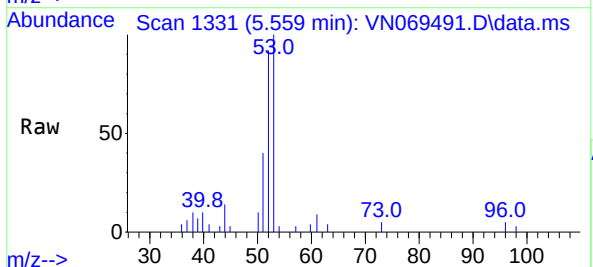
RT: 5.559 min Scan# 1331

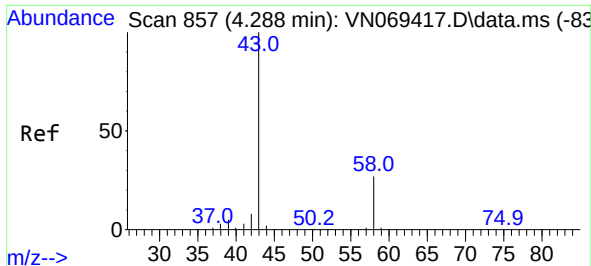
Delta R.T. 0.005 min

Lab File: VN069491.D

Acq: 15 Nov 2021 15:16

Tgt Ion:	53	Resp:	24696
Ion	Ratio	Lower	Upper
53	100		
52	81.4	66.2	99.2
51	42.6	29.6	44.4





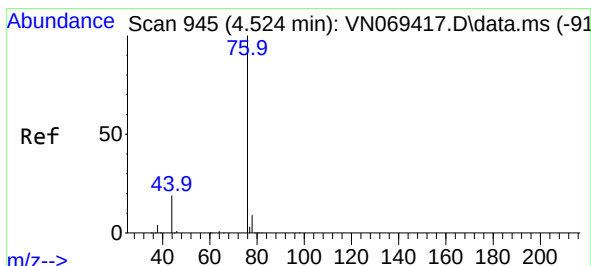
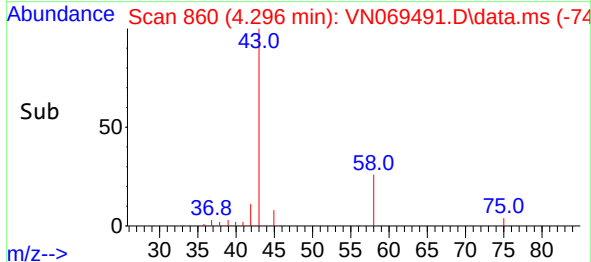
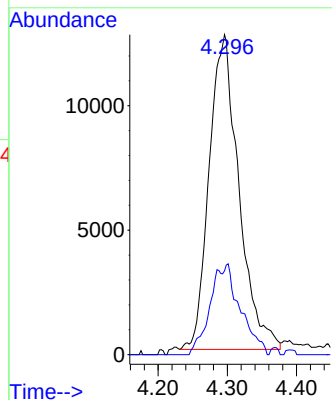
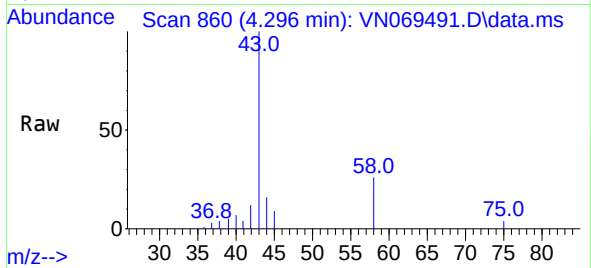
#16
Acetone
Concen: 4.120 ug/l
RT: 4.296 min Scan# 80
Delta R.T. 0.008 min
Lab File: VN069491.D
Acq: 15 Nov 2021 15:16

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

Tgt Ion: 43 Resp: 3767
Ion Ratio Lower Upper
43 100
58 26.6 23.1 34.7

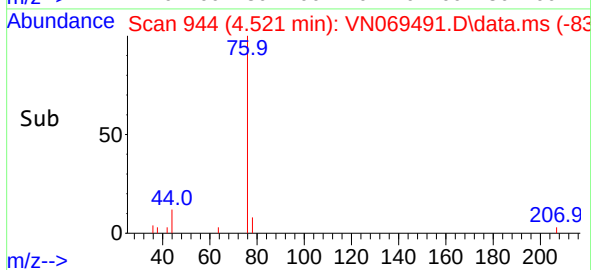
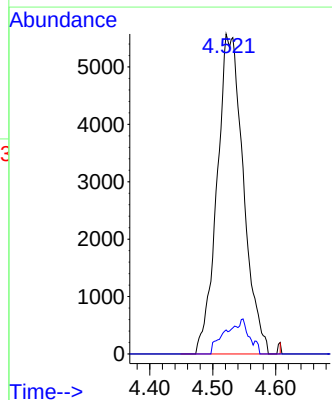
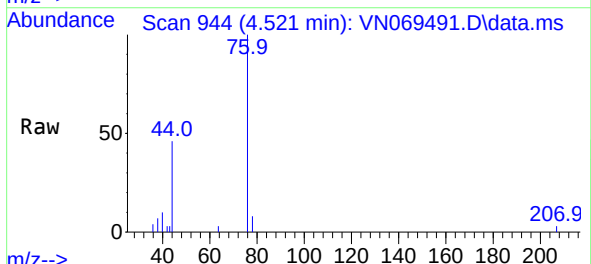
Manual Integrations
APPROVED

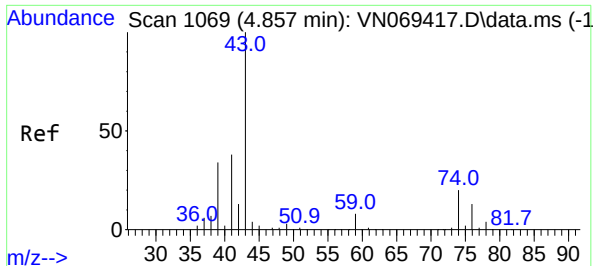
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021



#17
Carbon Disulfide
Concen: 0.723 ug/l m
RT: 4.521 min Scan# 944
Delta R.T. -0.003 min
Lab File: VN069491.D
Acq: 15 Nov 2021 15:16

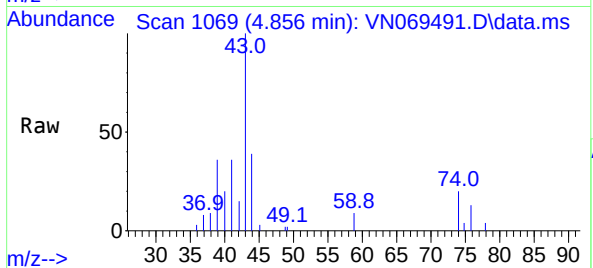
Tgt Ion: 76 Resp: 16196
Ion Ratio Lower Upper
76 100
78 7.5 7.5 11.3#





#18
Methyl Acetate
Concen: 0.856 ug/l m
RT: 4.856 min Scan# 1069
Delta R.T. -0.001 min
Lab File: VN069491.D
Acq: 15 Nov 2021 15:16

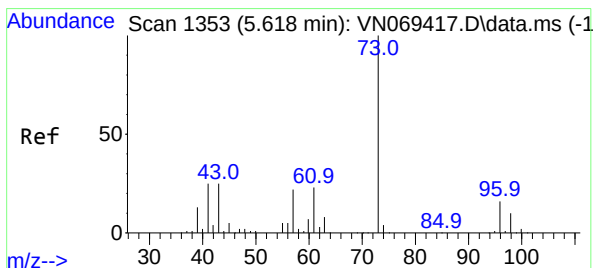
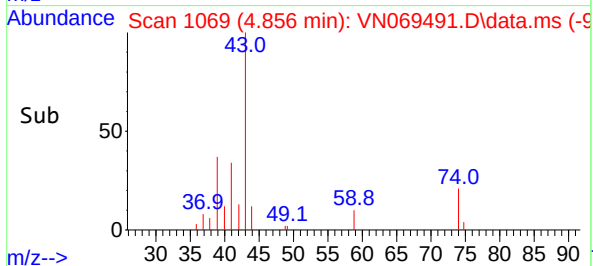
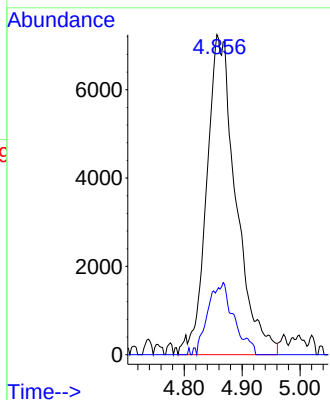
Instrument : MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



Tgt Ion: 43 Resp: 25448
Ion Ratio Lower Upper
43 100
74 18.7 19.4 29.2

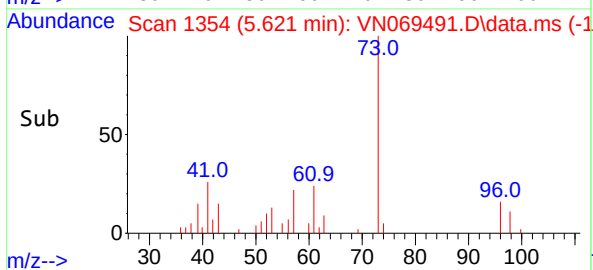
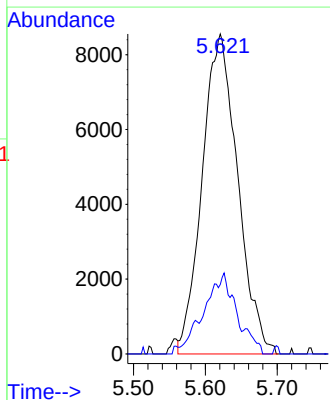
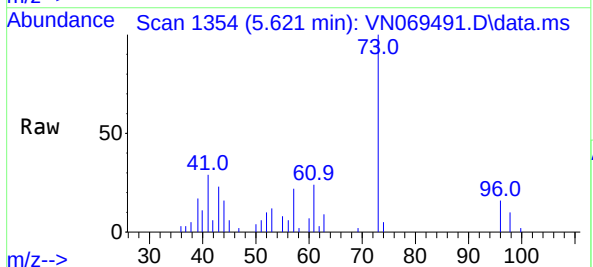
Manual Integrations
APPROVED

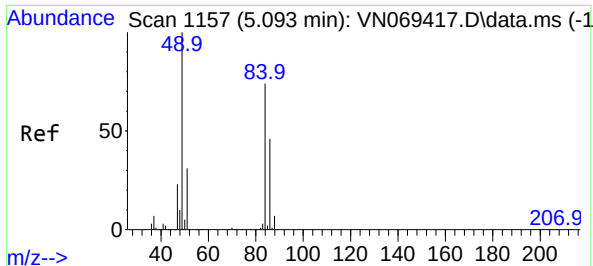
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021



#19
Methyl tert-butyl Ether
Concen: 0.732 ug/l
RT: 5.621 min Scan# 1354
Delta R.T. 0.003 min
Lab File: VN069491.D
Acq: 15 Nov 2021 15:16

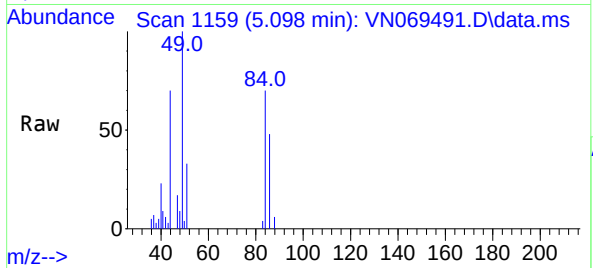
Tgt Ion: 73 Resp: 29332
Ion Ratio Lower Upper
73 100
57 19.6 16.8 25.2





#20
Methylene Chloride
Concen: 0.969 ug/l
RT: 5.098 min Scan# 1157
Delta R.T. 0.005 min
Lab File: VN069491.D
Acq: 15 Nov 2021 15:16

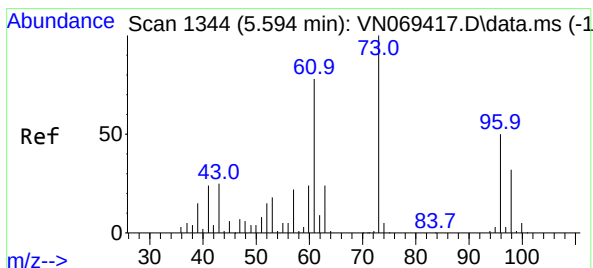
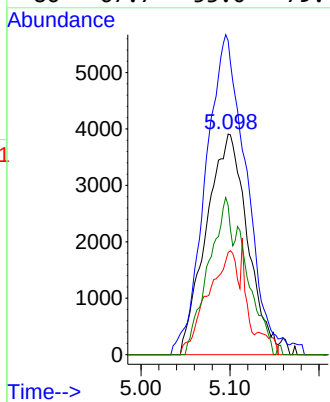
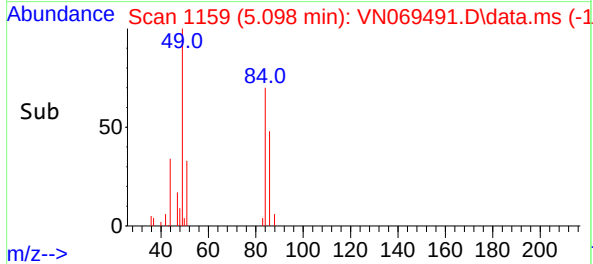
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



Tgt Ion: 84 Resp: 12560
Ion Ratio Lower Upper
84 100
49 135.3 93.5 140.3
51 46.3 29.4 44.2
86 67.7 53.0 79.4

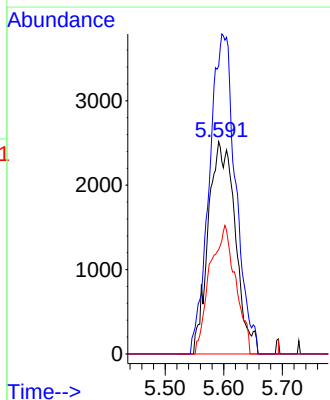
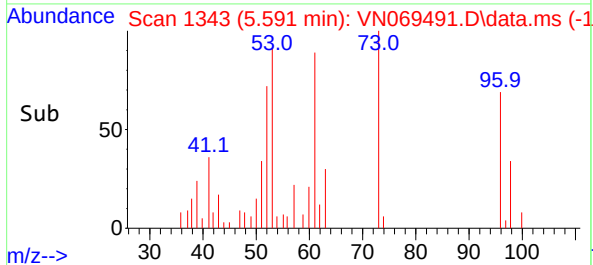
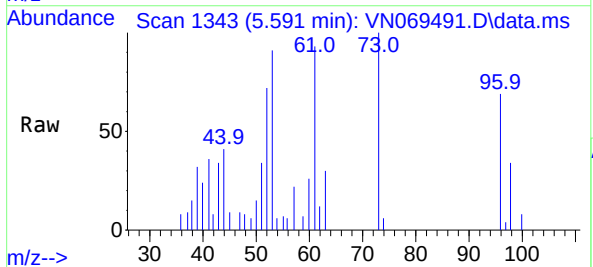
Manual Integrations
APPROVED

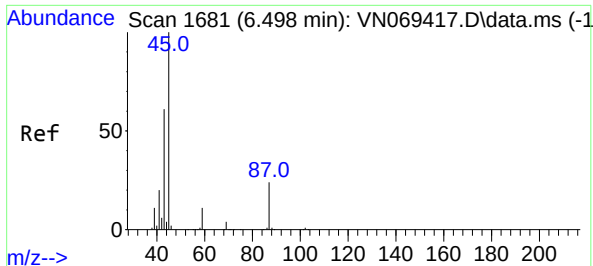
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021



#21
trans-1,2-Dichloroethene
Concen: 0.767 ug/l m
RT: 5.591 min Scan# 1343
Delta R.T. -0.003 min
Lab File: VN069491.D
Acq: 15 Nov 2021 15:16

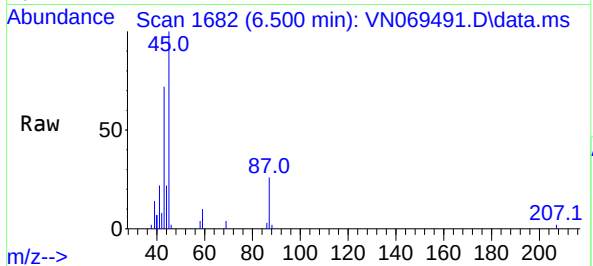
Tgt Ion: 96 Resp: 8112
Ion Ratio Lower Upper
96 100
61 135.5 105.8 158.6
98 49.1 52.0 78.0#





#22
Diisopropyl ether
Concen: 0.711 ug/l
RT: 6.500 min Scan# 1682
Delta R.T. 0.002 min
Lab File: VN069491.D
Acq: 15 Nov 2021 15:16

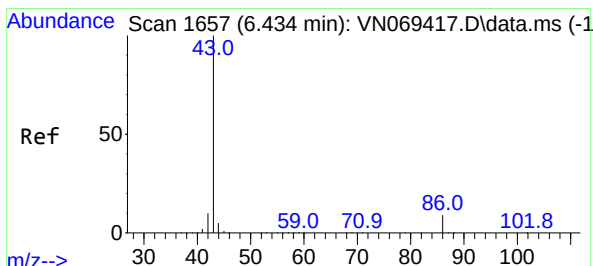
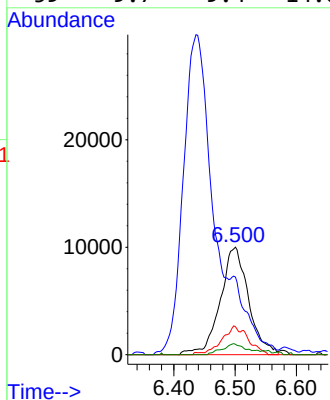
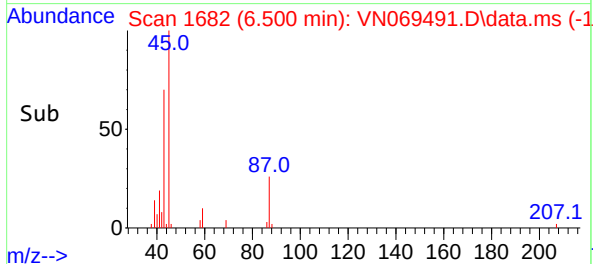
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT4-2021



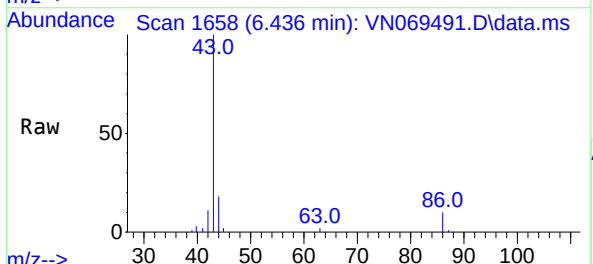
Tgt Ion: 45 Resp: 32089
Ion Ratio Lower Upper
45 100
43 68.0 51.7 77.5
87 26.0 23.2 34.8
59 9.7 9.4 14.0

Manual Integrations
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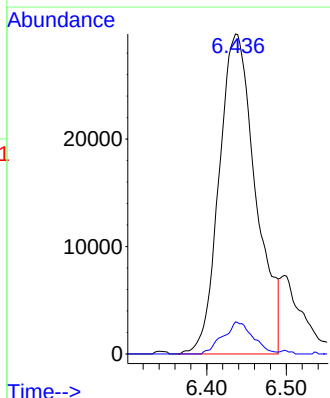
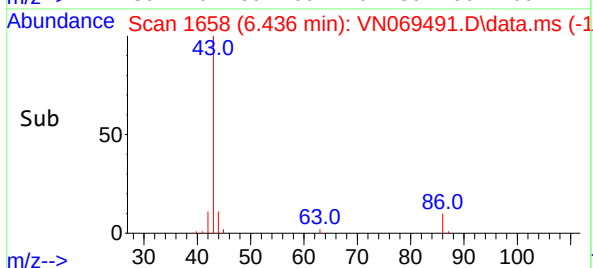
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021

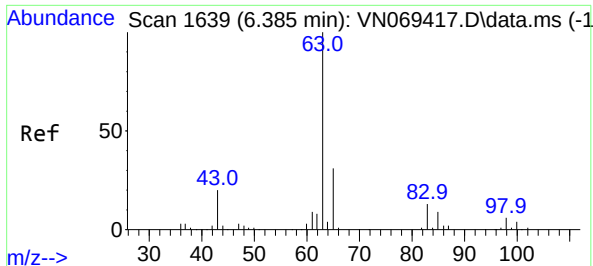


#23
Vinyl Acetate
Concen: 2.732 ug/l
RT: 6.436 min Scan# 1658
Delta R.T. 0.002 min
Lab File: VN069491.D
Acq: 15 Nov 2021 15:16



Tgt Ion: 43 Resp: 95338
Ion Ratio Lower Upper
43 100
86 10.1 8.5 12.7





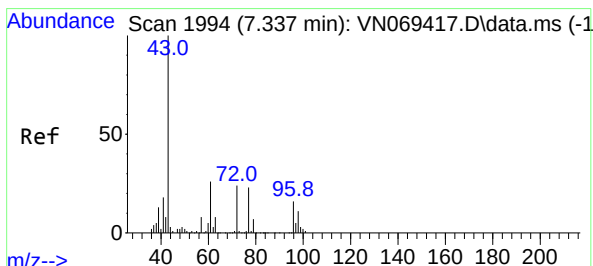
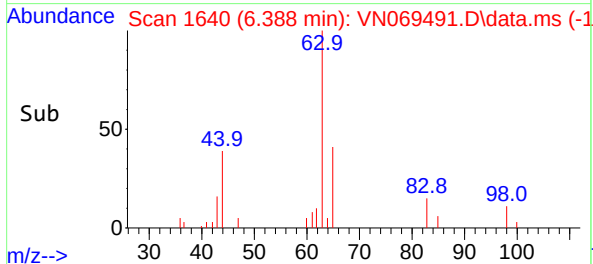
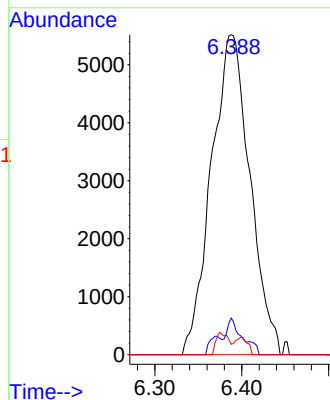
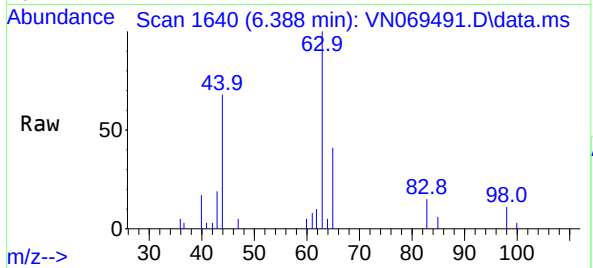
#24
1,1-Dichloroethane
Concen: 0.741 ug/l
RT: 6.388 min Scan# 1639
Delta R.T. 0.003 min
Lab File: VN069491.D
Acq: 15 Nov 2021 15:16

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

Tgt Ion: 63 Resp: 1702
Ion Ratio Lower Upper
63 100
98 11.4 3.3 9.9
100 3.2 2.1 6.5

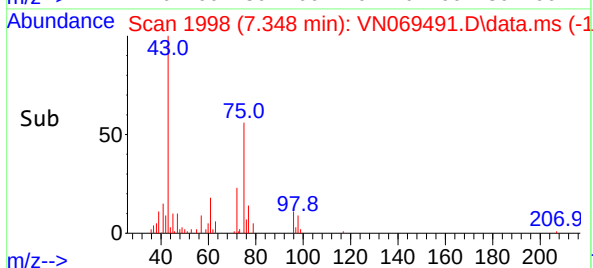
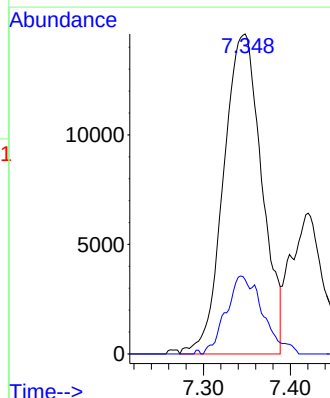
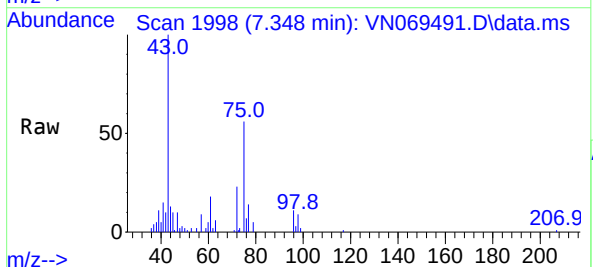
Manual Integrations
APPROVED

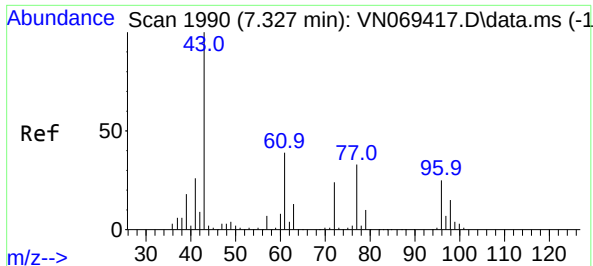
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021



#25
2-Butanone
Concen: 3.603 ug/l
RT: 7.348 min Scan# 1998
Delta R.T. 0.011 min
Lab File: VN069491.D
Acq: 15 Nov 2021 15:16

Tgt Ion: 43 Resp: 44608
Ion Ratio Lower Upper
43 100
72 23.2 21.7 32.5





#26

2,2-Dichloropropane

Concen: 0.800 ug/l m

RT: 7.327 min Scan# 1990

Delta R.T. -0.000 min

Lab File: VN069491.D

Acq: 15 Nov 2021 15:16

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2021

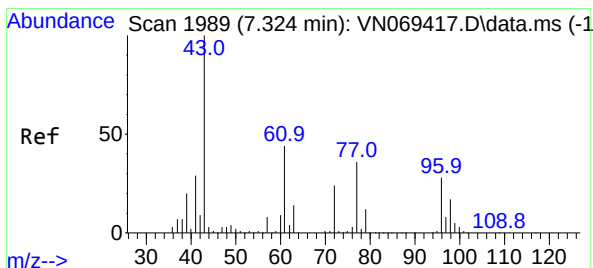
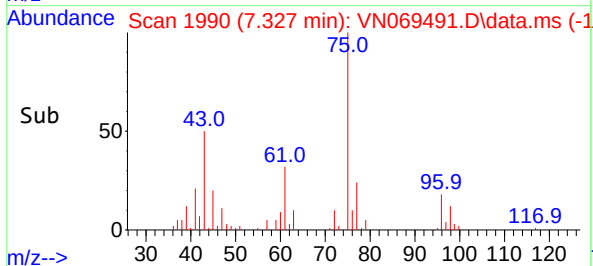
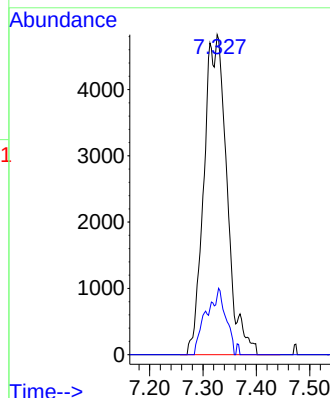
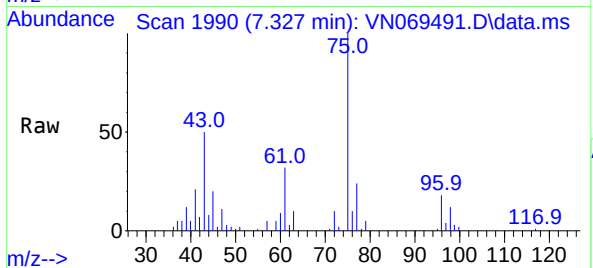
Tgt Ion: 77 Resp: 14392
 Ion Ratio Lower Upper
 77 100
 97 3.4 11.6 34.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/16/2021

Supervised By :Mahesh Dadoda 11/18/2021



#27

cis-1,2-Dichloroethene

Concen: 0.784 ug/l

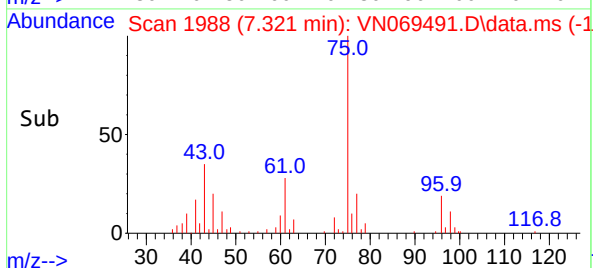
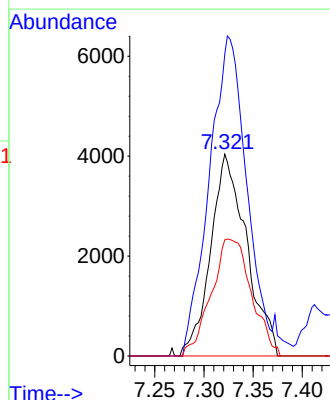
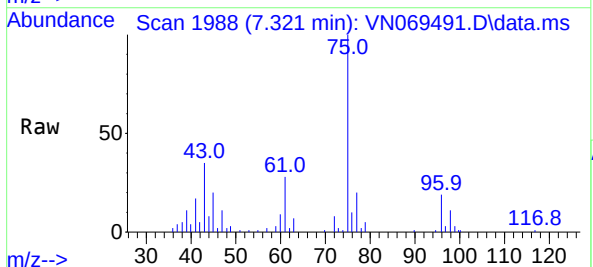
RT: 7.321 min Scan# 1988

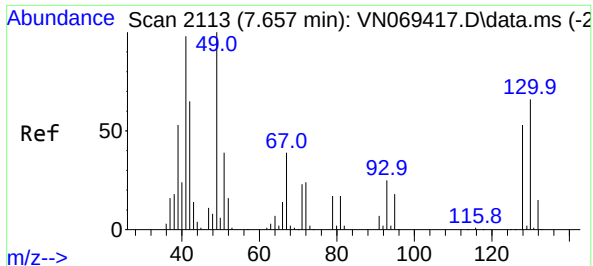
Delta R.T. -0.003 min

Lab File: VN069491.D

Acq: 15 Nov 2021 15:16

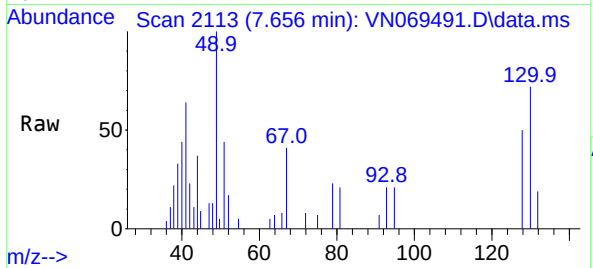
Tgt Ion: 96 Resp: 10278
 Ion Ratio Lower Upper
 96 100
 61 164.6 0.0 275.0
 98 64.7 0.0 129.6





#28
Bromochloromethane
Concen: 0.789 ug/l
RT: 7.656 min Scan# 2113
Delta R.T. -0.001 min
Lab File: VN069491.D
Acq: 15 Nov 2021 15:16

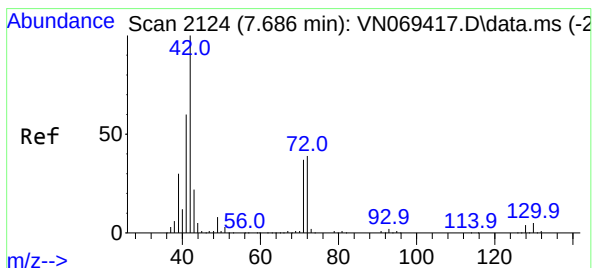
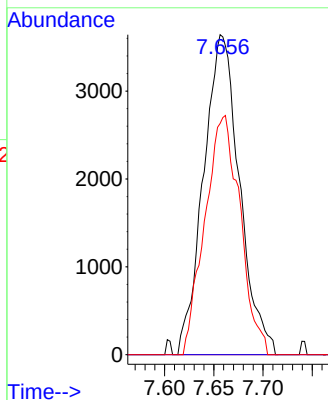
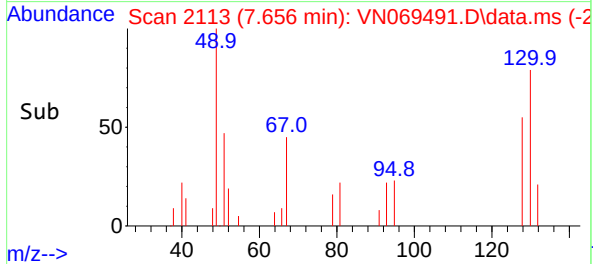
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



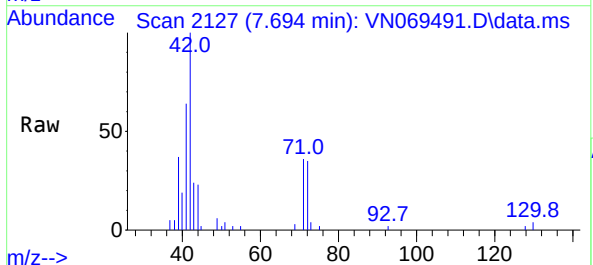
Tgt Ion: 49 Resp: 9280
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.0
130 73.1 67.8 101.8

Manual Integrations
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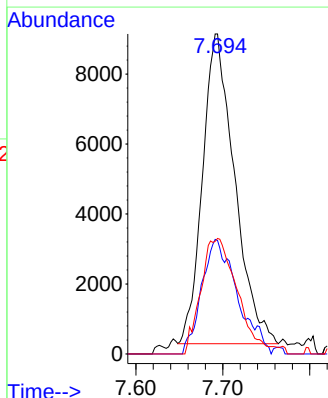
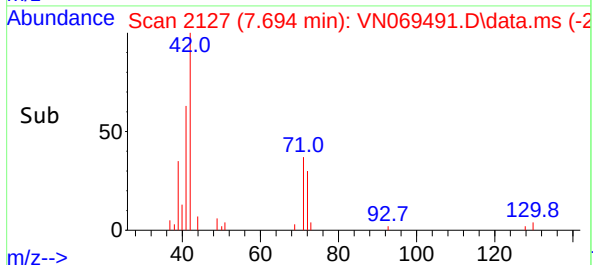
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021

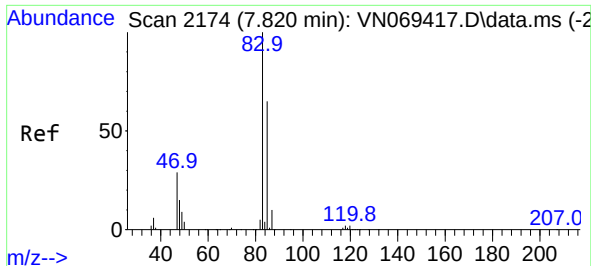


#29
Tetrahydrofuran
Concen: 2.990 ug/l
RT: 7.694 min Scan# 2127
Delta R.T. 0.008 min
Lab File: VN069491.D
Acq: 15 Nov 2021 15:16



Tgt Ion: 42 Resp: 22716
Ion Ratio Lower Upper
42 100
72 41.1 36.3 54.5
71 42.4 34.7 52.1





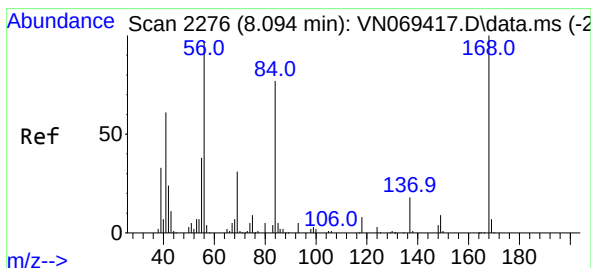
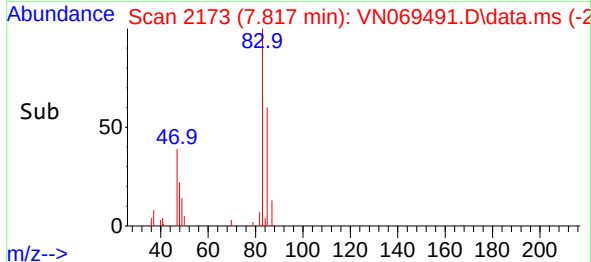
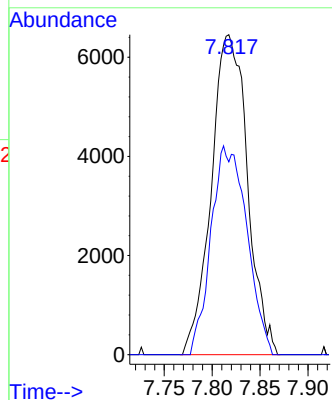
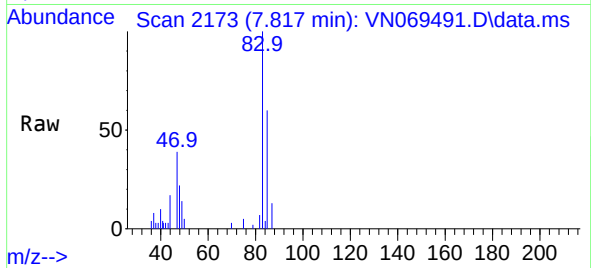
#30
Chloroform
Concen: 0.719 ug/l
RT: 7.817 min Scan# 2173
Delta R.T. -0.003 min
Lab File: VN069491.D
Acq: 15 Nov 2021 15:16

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

Tgt Ion: 83 Resp: 1693
Ion Ratio Lower Upper
83 100
85 60.2 51.9 77.9

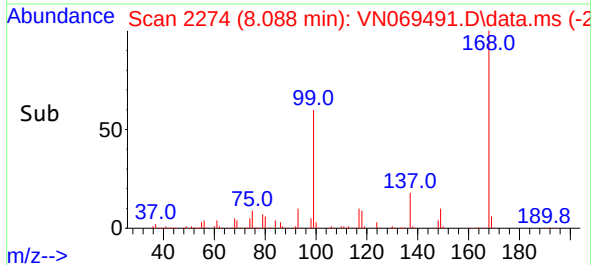
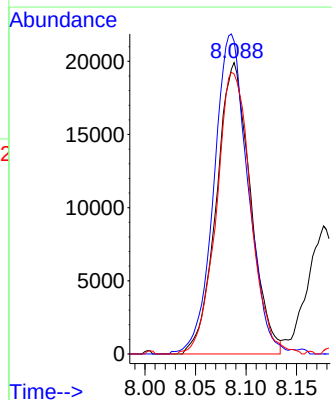
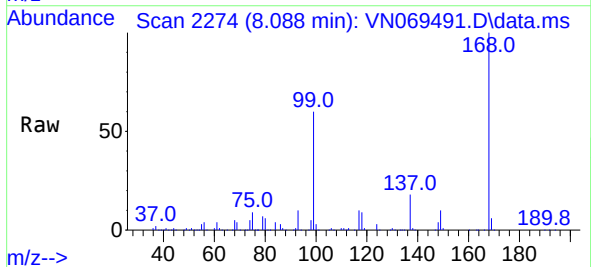
Manual Integrations
APPROVED

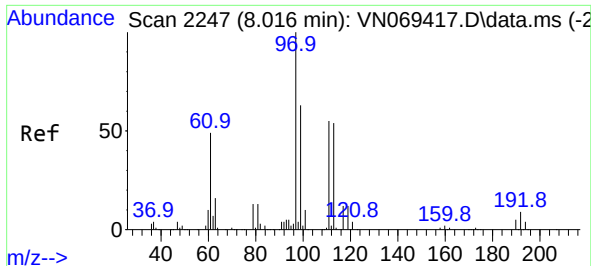
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021



#31
Cyclohexane
Concen: 2.011 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.006 min
Lab File: VN069491.D
Acq: 15 Nov 2021 15:16

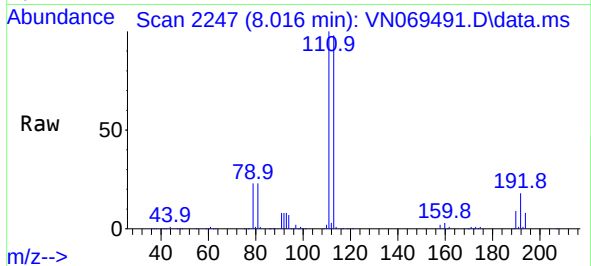
Tgt Ion: 56 Resp: 46549
Ion Ratio Lower Upper
56 100
69 106.1 27.1 40.7#
84 95.2 73.4 110.0





#32
1,1,1-Trichloroethane
Concen: 0.694 ug/l
RT: 8.016 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN069491.D
Acq: 15 Nov 2021 15:16

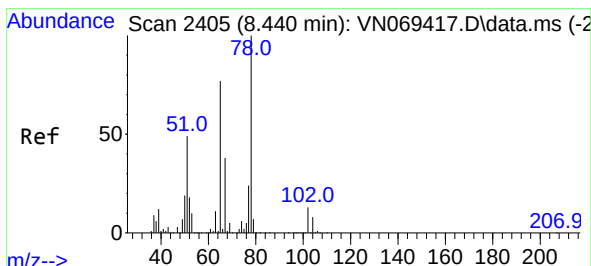
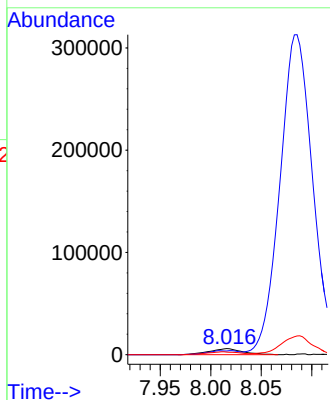
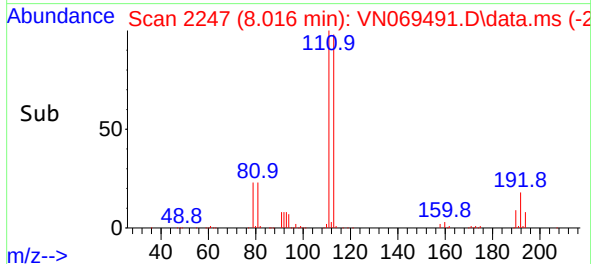
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT4-2021



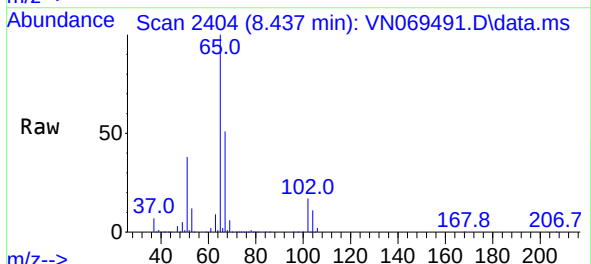
Tgt Ion: 97 Resp: 13649
Ion Ratio Lower Upper
97 100
99 0.0 50.1 75.1
61 45.1 35.2 52.8

Manual Integrations
APPROVED

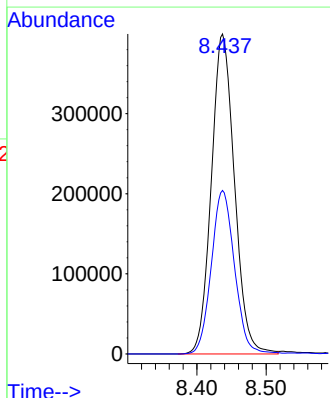
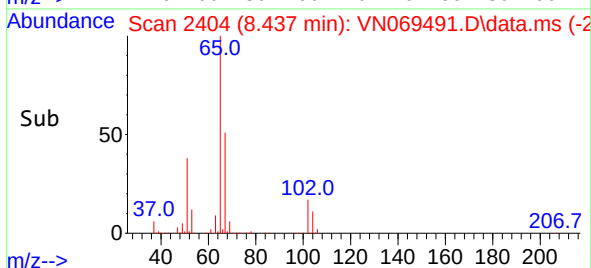
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021

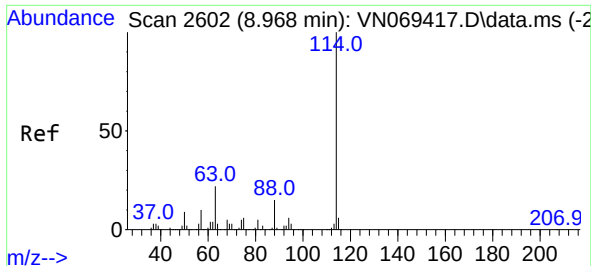


#33
1,2-Dichloroethane-d4
Concen: 54.718 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. -0.003 min
Lab File: VN069491.D
Acq: 15 Nov 2021 15:16



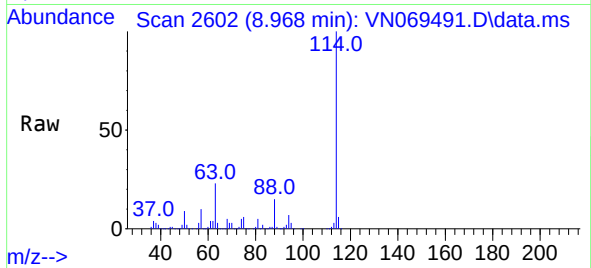
Tgt Ion: 65 Resp: 927301
Ion Ratio Lower Upper
65 100
67 51.3 0.0 103.0





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. -0.000 min
Lab File: VN069491.D
Acq: 15 Nov 2021 15:16

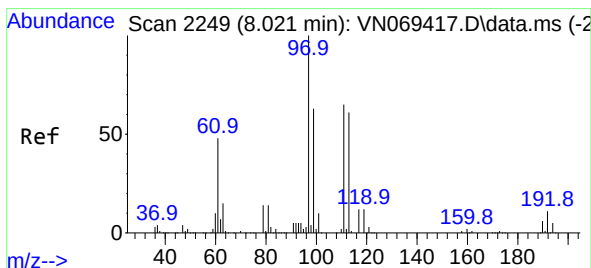
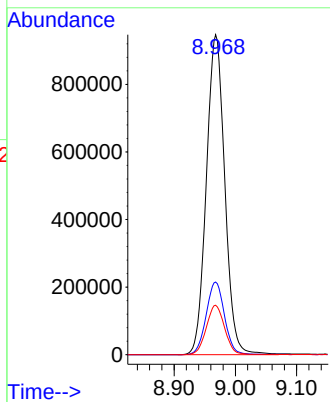
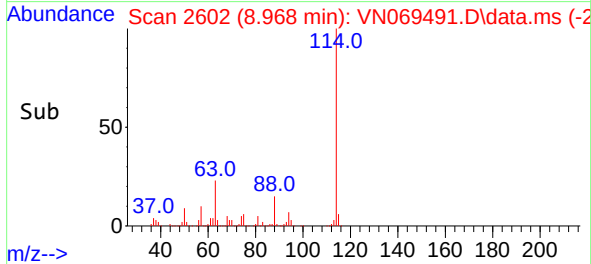
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT4-2021



Tgt Ion:114 Resp: 1980018
Ion Ratio Lower Upper
114 100
63 22.7 0.0 37.8
88 15.4 0.0 27.4

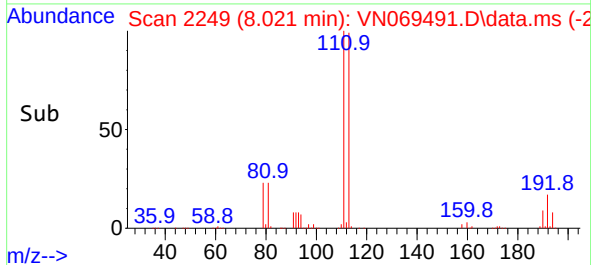
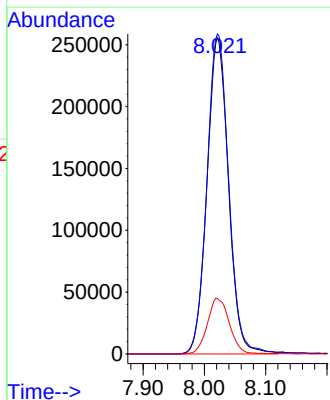
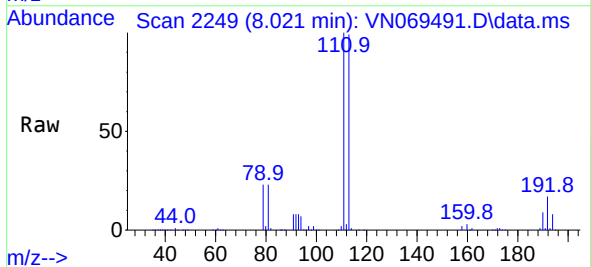
Manual Integrations
APPROVED

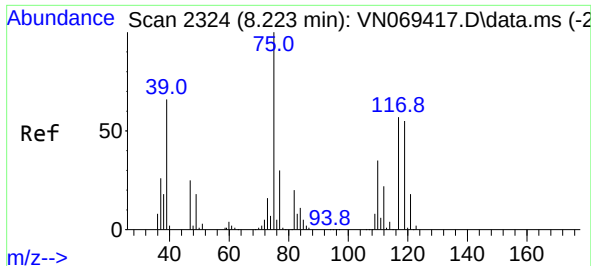
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021



#35
Dibromofluoromethane
Concen: 52.407 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. 0.000 min
Lab File: VN069491.D
Acq: 15 Nov 2021 15:16

Tgt Ion:113 Resp: 622344
Ion Ratio Lower Upper
113 100
111 103.2 82.2 123.2
192 18.0 16.9 25.3





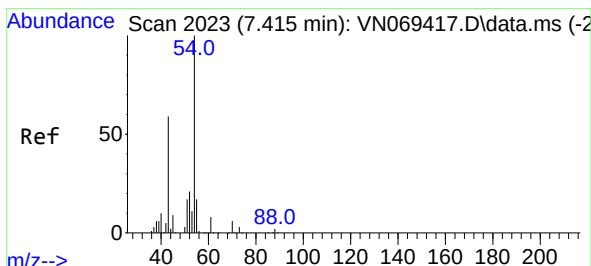
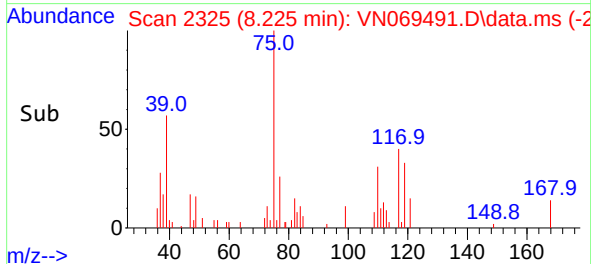
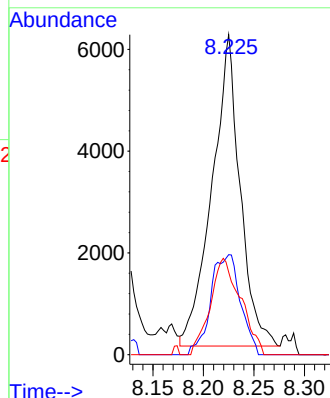
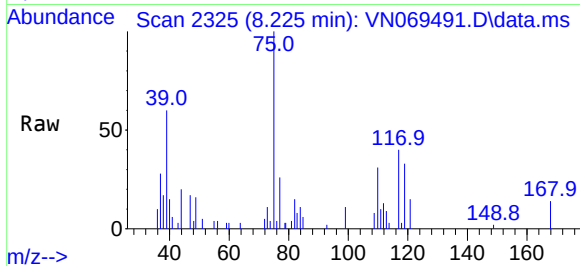
#36
1,1-Dichloropropene
Concen: 0.710 ug/l
RT: 8.225 min Scan# 21182
Delta R.T. 0.002 min
Lab File: VN069491.D
Acq: 15 Nov 2021 15:16

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

Tgt Ion: 75 Resp: 1182
Ion Ratio Lower Upper
75 100
110 33.9 18.4 55.2
77 33.5 24.4 36.6

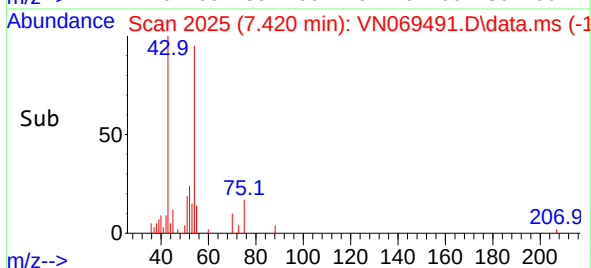
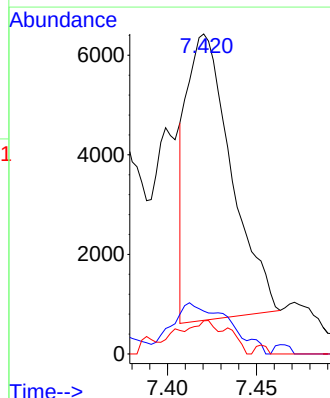
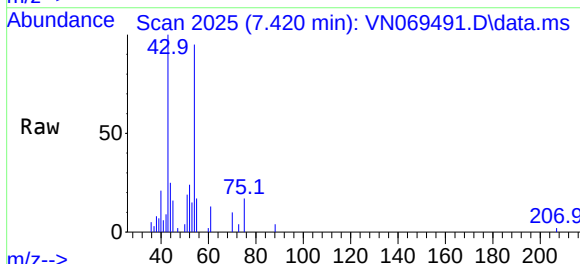
Manual Integrations
APPROVED

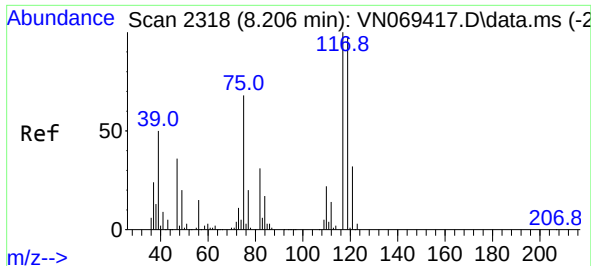
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021



#37
Ethyl Acetate
Concen: 0.443 ug/l
RT: 7.420 min Scan# 2025
Delta R.T. 0.005 min
Lab File: VN069491.D
Acq: 15 Nov 2021 15:16

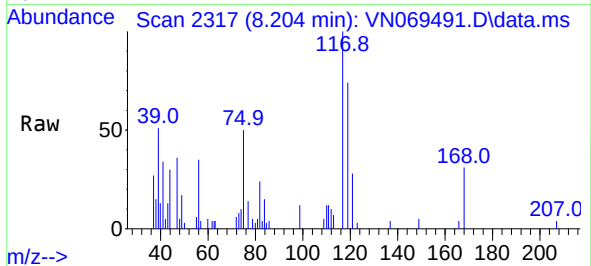
Tgt Ion: 43 Resp: 9970
Ion Ratio Lower Upper
43 100
61 23.0 11.5 17.3#
70 5.6 7.9 11.9#





#38
Carbon Tetrachloride
Concen: 0.790 ug/l
RT: 8.204 min Scan# 2318
Delta R.T. -0.002 min
Lab File: VN069491.D
Acq: 15 Nov 2021 15:16

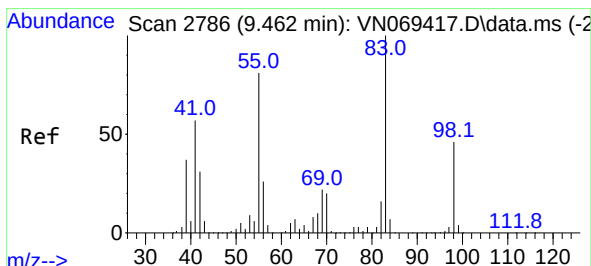
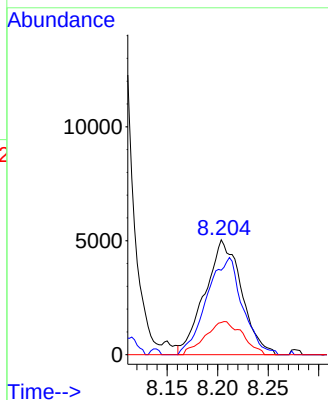
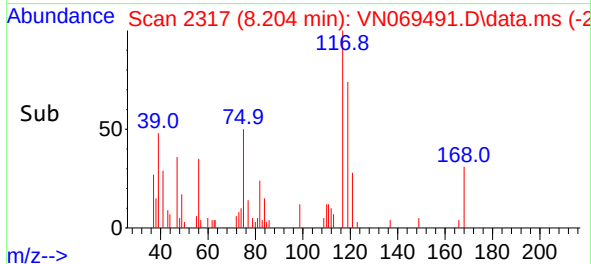
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT4-2021



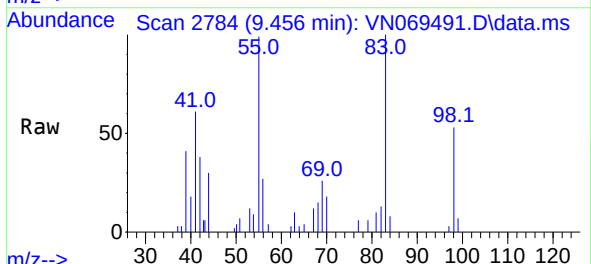
Tgt Ion: 117 Resp: 12715
Ion Ratio Lower Upper
117 100
119 73.5 76.1 114.1
121 28.1 24.2 36.2

Manual Integrations
APPROVED

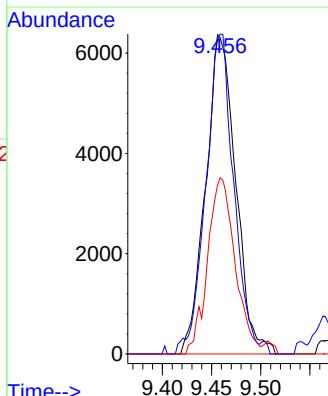
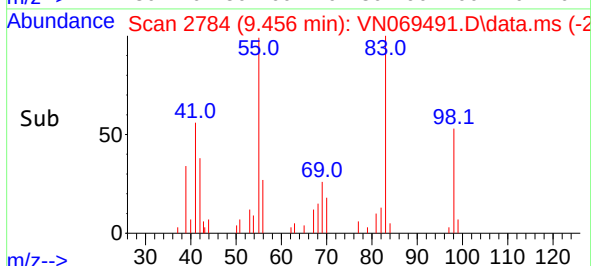
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021

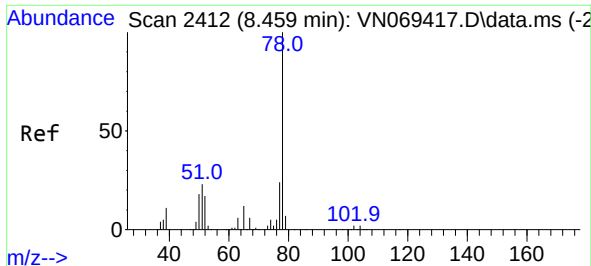


#39
Methylcyclohexane
Concen: 0.654 ug/l
RT: 9.456 min Scan# 2784
Delta R.T. -0.006 min
Lab File: VN069491.D
Acq: 15 Nov 2021 15:16



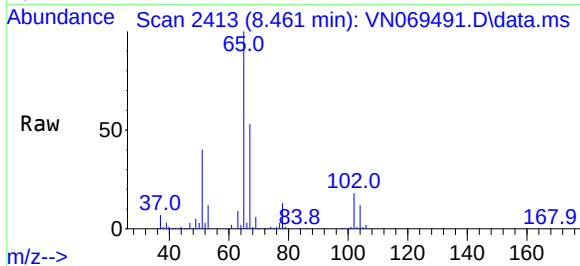
Tgt Ion: 83 Resp: 13563
Ion Ratio Lower Upper
83 100
55 98.7 58.1 87.1
98 53.0 38.4 57.6





#40
Benzene
Concen: 0.753 ug/l
RT: 8.461 min Scan# 2412
Delta R.T. 0.002 min
Lab File: VN069491.D
Acq: 15 Nov 2021 15:16

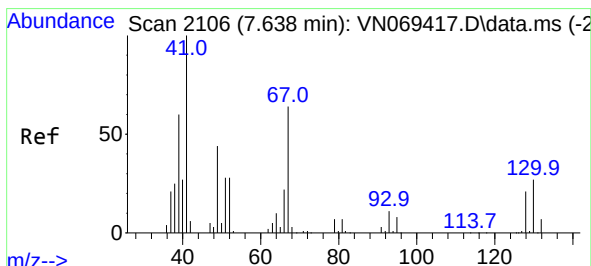
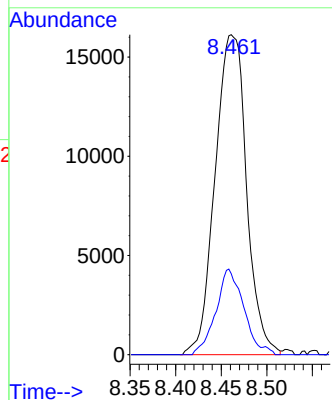
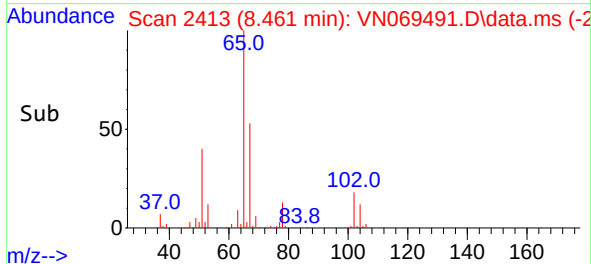
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



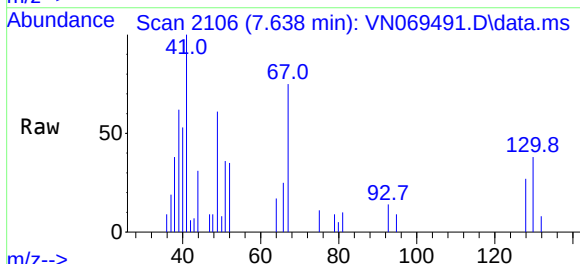
Tgt Ion: 78 Resp: 38719
Ion Ratio Lower Upper
78 100
77 25.3 18.6 27.8

Manual Integrations
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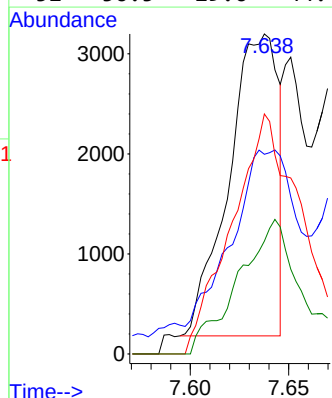
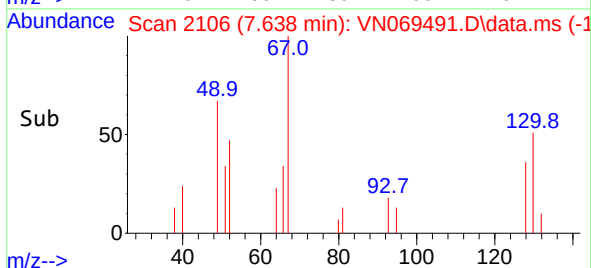
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021

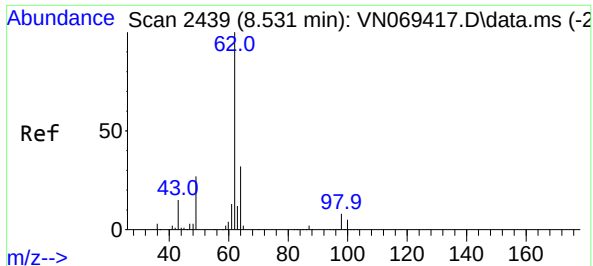


#41
Methacrylonitrile
Concen: 0.453 ug/l
RT: 7.638 min Scan# 2106
Delta R.T. -0.000 min
Lab File: VN069491.D
Acq: 15 Nov 2021 15:16



Tgt Ion: 41 Resp: 5269
Ion Ratio Lower Upper
41 100
39 83.3 48.1 72.1#
67 116.1 68.3 102.5#
52 56.5 29.6 44.4#





#42

1,2-Dichloroethane

Concen: 0.893 ug/l

RT: 8.531 min Scan# 2439

Delta R.T. -0.000 min

Lab File: VN069491.D

Acq: 15 Nov 2021 15:16

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2021

Tgt Ion: 62 Resp: 17980

Ion Ratio Lower Upper

62 100

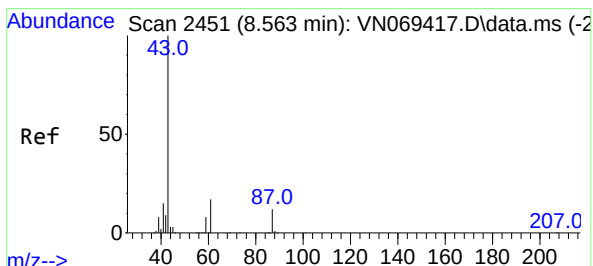
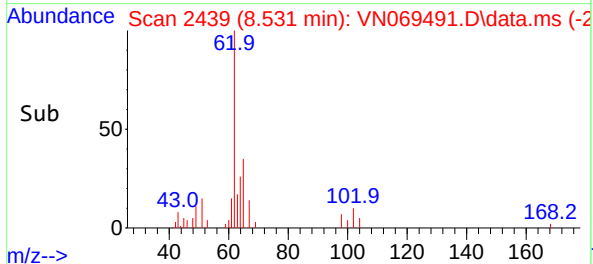
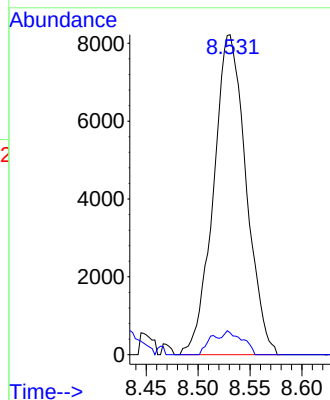
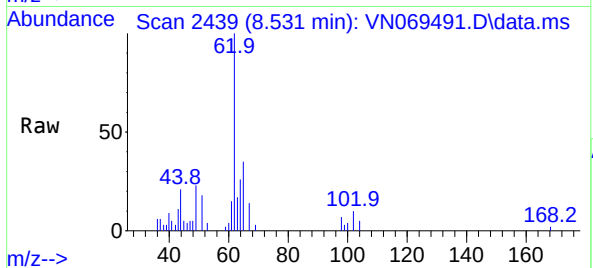
98 4.6 0.0 17.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/16/2021

Supervised By :Mahesh Dadoda 11/18/2021



#43

Isopropyl Acetate

Concen: 0.716 ug/l

RT: 8.563 min Scan# 2451

Delta R.T. -0.000 min

Lab File: VN069491.D

Acq: 15 Nov 2021 15:16

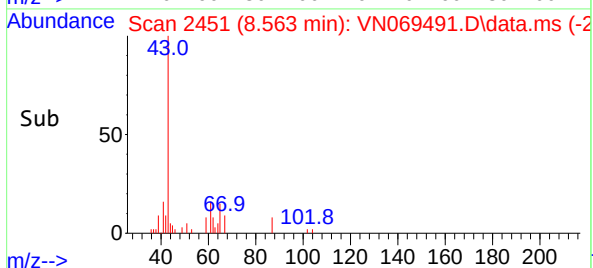
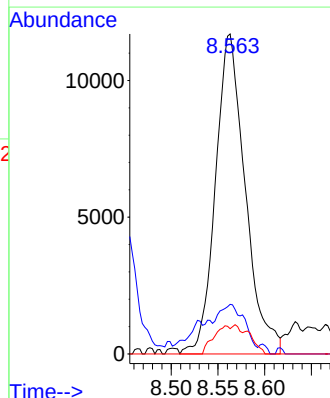
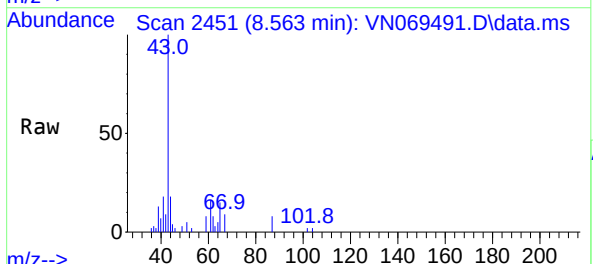
Tgt Ion: 43 Resp: 25893

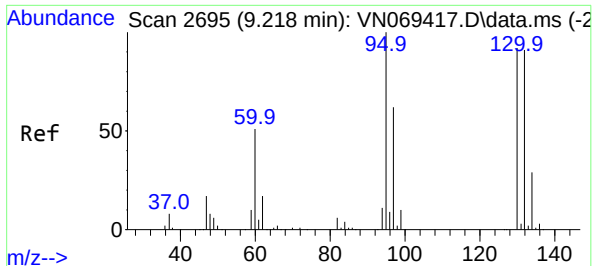
Ion Ratio Lower Upper

43 100

61 11.8 20.4 30.6#

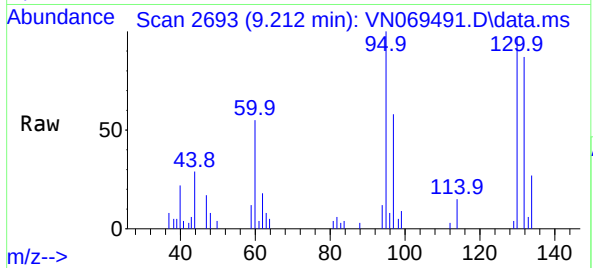
87 5.0 11.2 16.8#





#44
Trichloroethene
Concen: 0.802 ug/l
RT: 9.212 min Scan# 2693
Delta R.T. -0.006 min
Lab File: VN069491.D
Acq: 15 Nov 2021 15:16

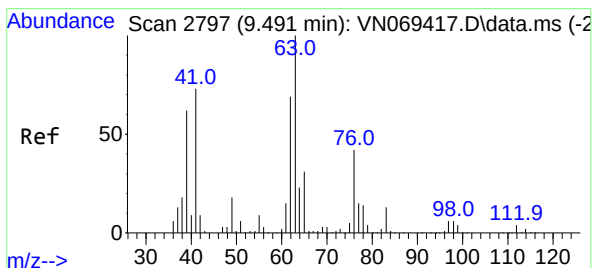
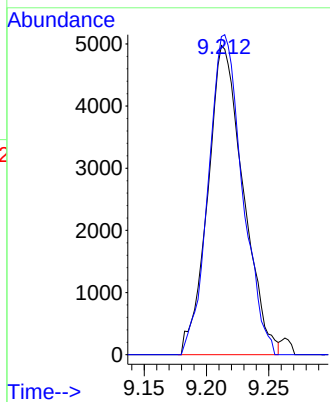
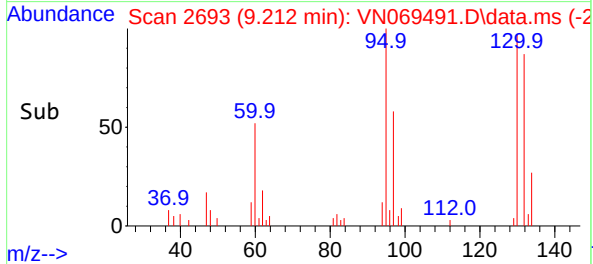
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



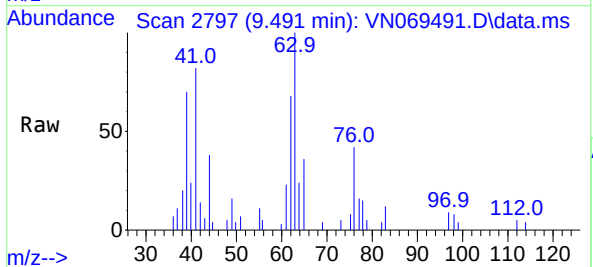
Tgt Ion:130 Resp: 986
Ion Ratio Lower Upper
130 100
95 102.9 0.0 191.2

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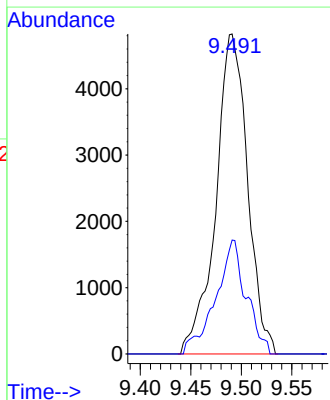
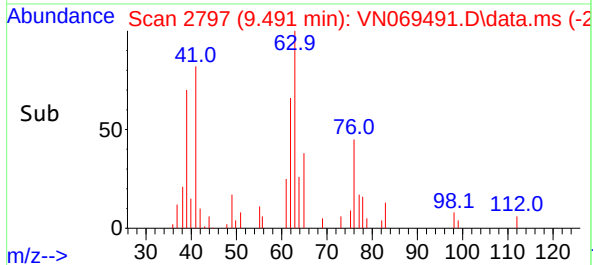
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021

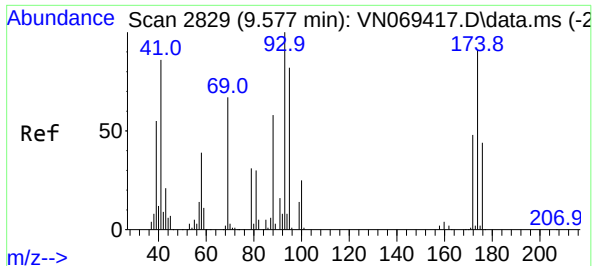


#45
1,2-Dichloropropane
Concen: 0.765 ug/l
RT: 9.491 min Scan# 2797
Delta R.T. -0.000 min
Lab File: VN069491.D
Acq: 15 Nov 2021 15:16



Tgt Ion: 63 Resp: 10516
Ion Ratio Lower Upper
63 100
65 35.6 24.7 37.1





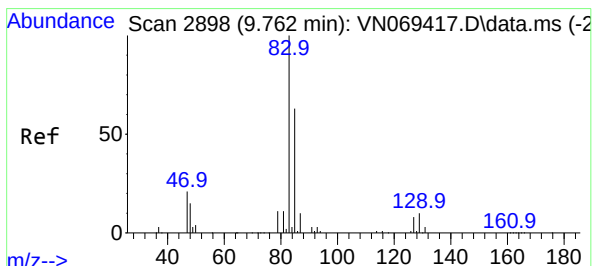
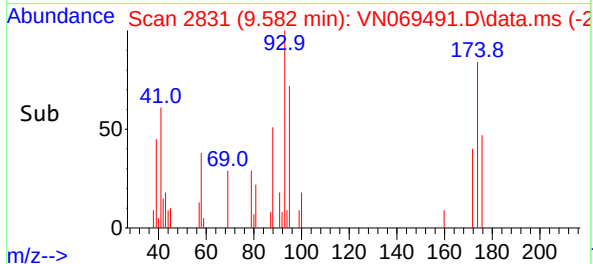
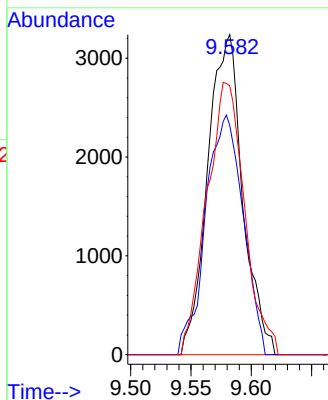
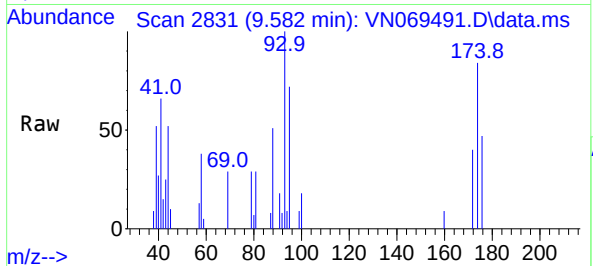
#46
Dibromomethane
Concen: 0.710 ug/l
RT: 9.582 min Scan# 2829
Delta R.T. 0.005 min
Lab File: VN069491.D
Acq: 15 Nov 2021 15:16

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

Tgt Ion: 93 Resp: 653
Ion Ratio Lower Upper
93 100
95 80.4 65.9 98.9
174 92.0 84.6 127.0

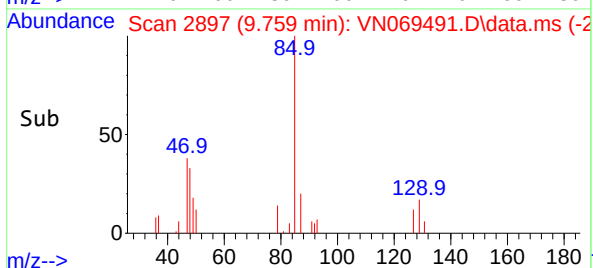
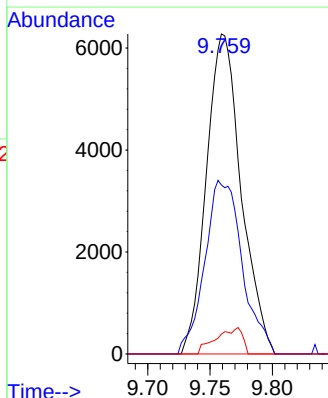
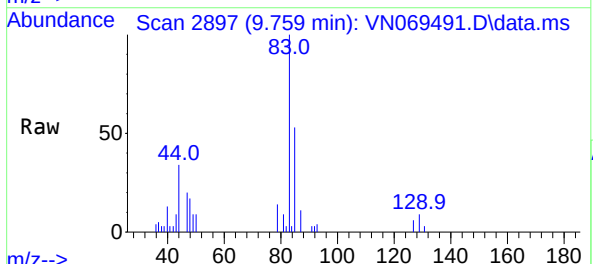
Manual Integrations
APPROVED

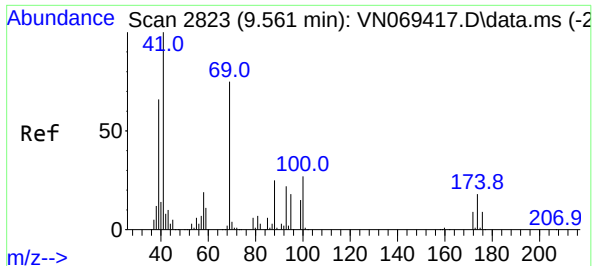
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021



#47
Bromodichloromethane
Concen: 0.709 ug/l
RT: 9.759 min Scan# 2897
Delta R.T. -0.003 min
Lab File: VN069491.D
Acq: 15 Nov 2021 15:16

Tgt Ion: 83 Resp: 12183
Ion Ratio Lower Upper
83 100
85 52.8 50.9 76.3
127 6.2 7.1 10.7#





#48

Methyl methacrylate

Concen: 0.661 ug/l

RT: 9.561 min Scan# 2823

Delta R.T. -0.000 min

Lab File: VN069491.D

Acq: 15 Nov 2021 15:16

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2021

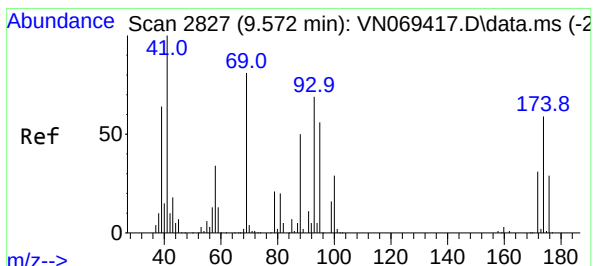
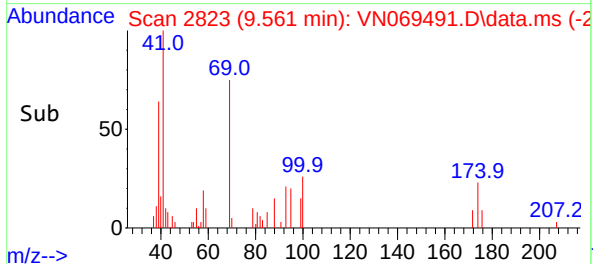
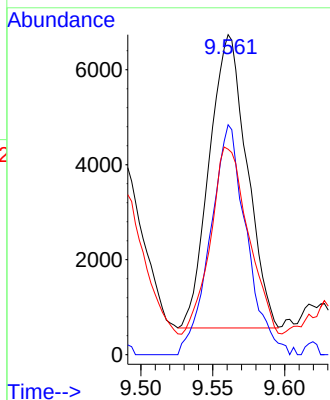
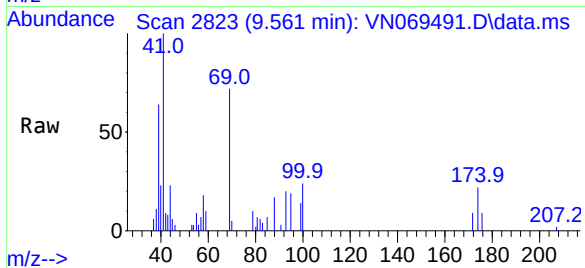
Tgt Ion:	41	Resp:	1124
Ion Ratio	Lower	Upper	
41	100		
69	75.4	72.4	108.6
39	65.6	58.4	87.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/16/2021

Supervised By :Mahesh Dadoda 11/18/2021



#49

1,4-Dioxane

Concen: 14.206 ug/l

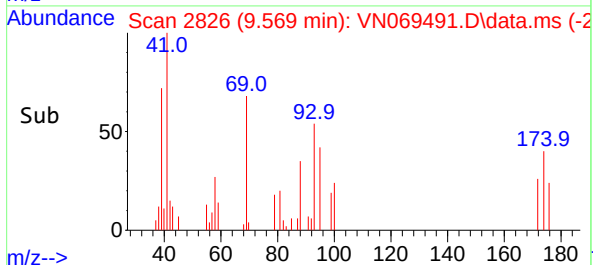
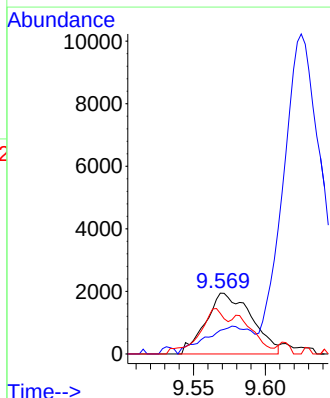
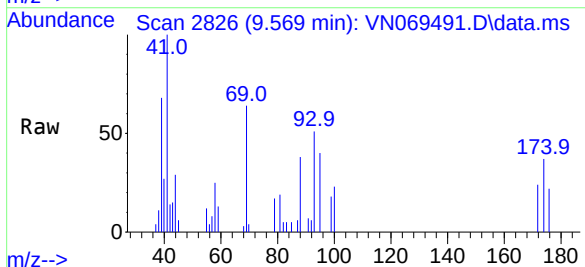
RT: 9.569 min Scan# 2826

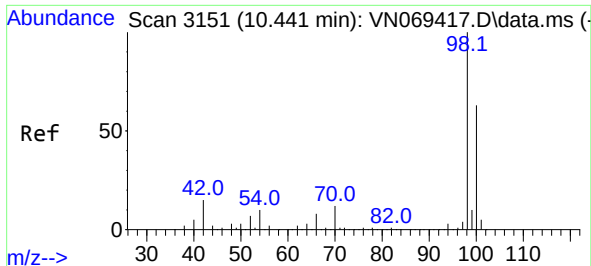
Delta R.T. -0.003 min

Lab File: VN069491.D

Acq: 15 Nov 2021 15:16

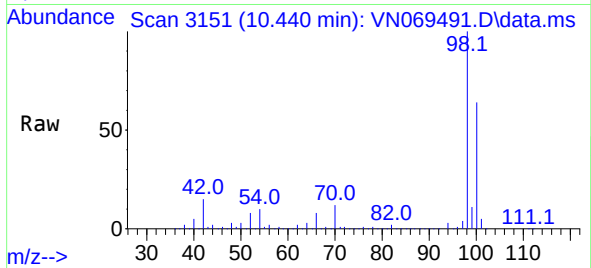
Tgt Ion:	88	Resp:	4312
Ion Ratio	Lower	Upper	
88	100		
43	44.8	23.4	35.2#
58	42.6	50.6	75.8#





#50
Toluene-d8
Concen: 52.317 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. -0.001 min
Lab File: VN069491.D
Acq: 15 Nov 2021 15:16

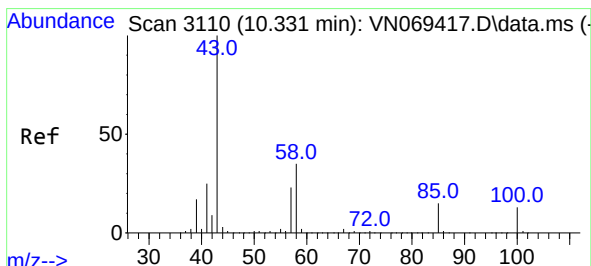
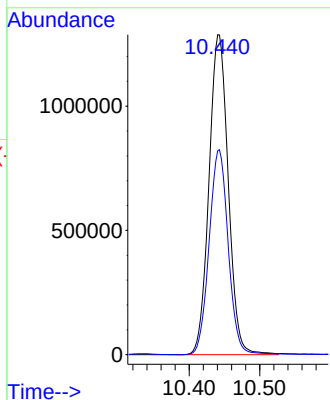
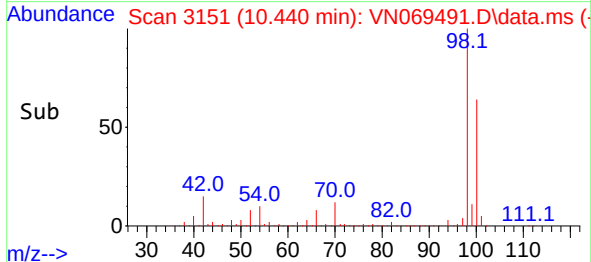
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT4-2021



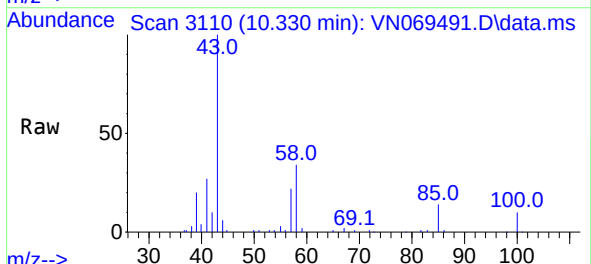
Tgt Ion: 98 Resp: 2443504
Ion Ratio Lower Upper
98 100
100 63.5 50.4 75.6

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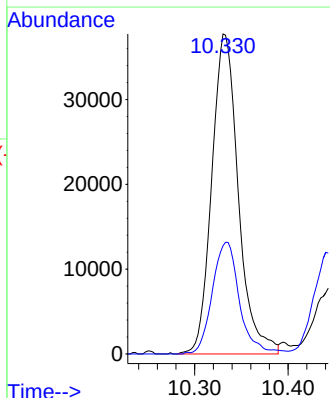
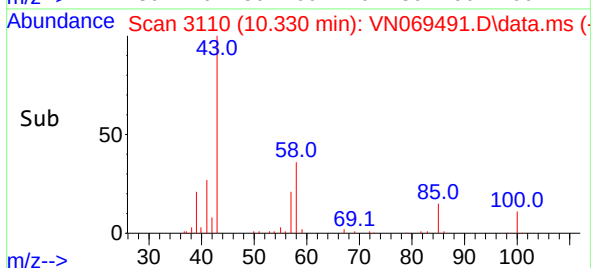
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021

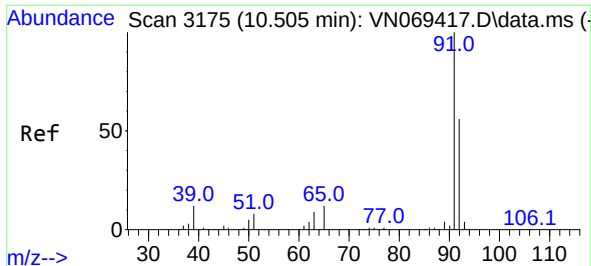


#51
4-Methyl-2-Pentanone
Concen: 3.192 ug/l
RT: 10.330 min Scan# 3110
Delta R.T. -0.001 min
Lab File: VN069491.D
Acq: 15 Nov 2021 15:16



Tgt Ion: 43 Resp: 74522
Ion Ratio Lower Upper
43 100
58 35.9 30.4 45.6





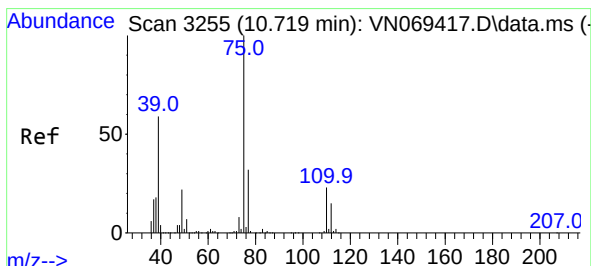
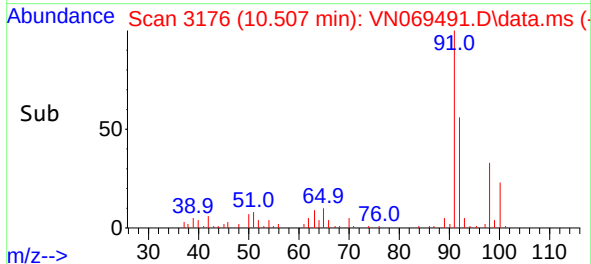
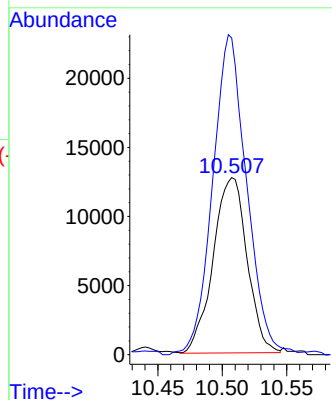
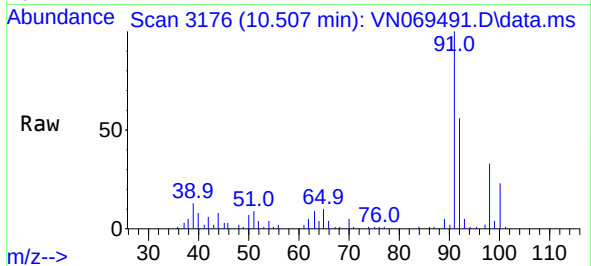
#52
Toluene
Concen: 0.726 ug/l
RT: 10.507 min Scan# 3175
Delta R.T. 0.002 min
Lab File: VN069491.D
Acq: 15 Nov 2021 15:16

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

Tgt Ion: 92 Resp: 23260
Ion Ratio Lower Upper
92 100
91 182.9 142.0 213.0

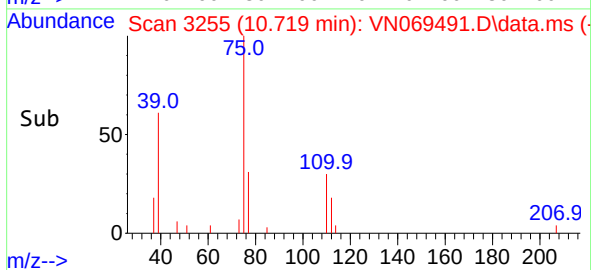
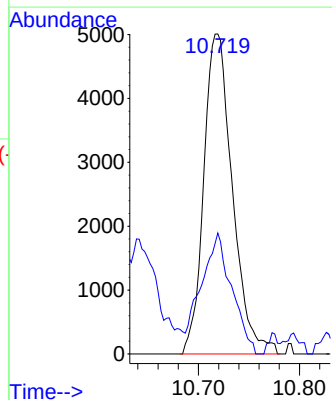
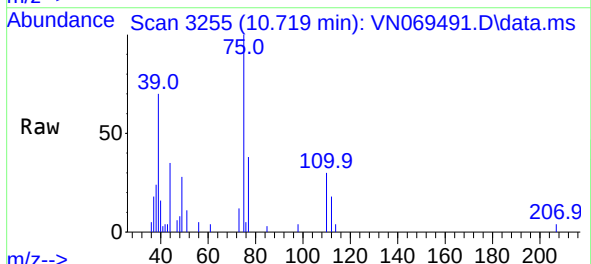
Manual Integrations
APPROVED

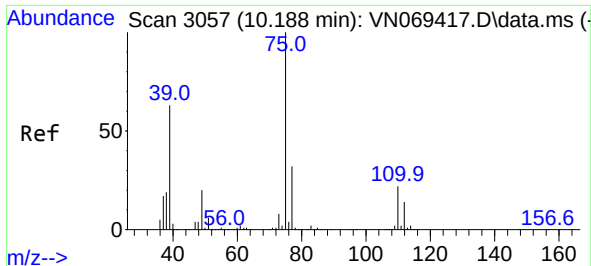
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021



#53
t-1,3-Dichloropropene
Concen: 0.550 ug/l
RT: 10.719 min Scan# 3255
Delta R.T. 0.000 min
Lab File: VN069491.D
Acq: 15 Nov 2021 15:16

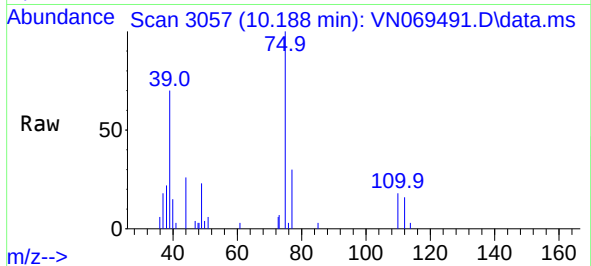
Tgt Ion: 75 Resp: 9879
Ion Ratio Lower Upper
75 100
77 34.5 25.6 38.4





#54
cis-1,3-Dichloropropene
Concen: 0.570 ug/l
RT: 10.188 min Scan# 3057
Delta R.T. 0.000 min
Lab File: VN069491.D
Acq: 15 Nov 2021 15:16

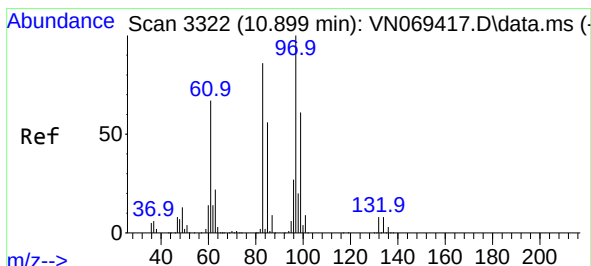
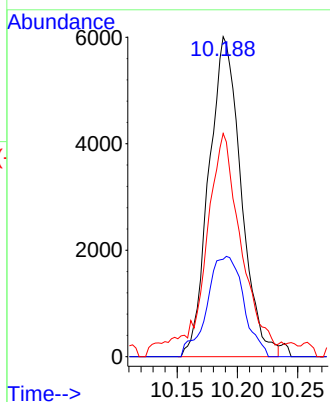
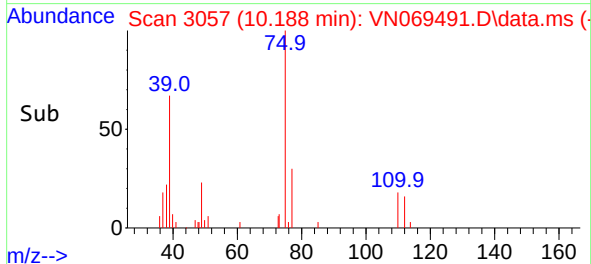
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



Tgt Ion: 75 Resp: 1115
Ion Ratio Lower Upper
75 100
77 30.5 26.4 39.6
39 65.8 42.5 63.7

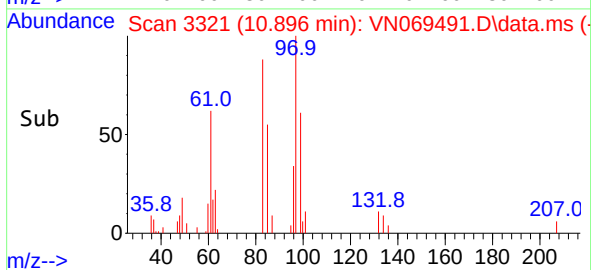
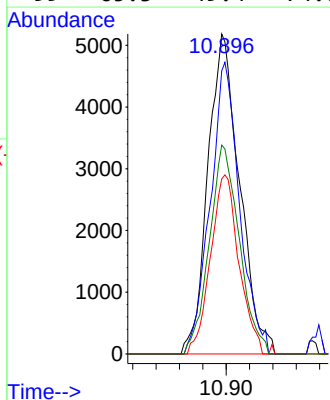
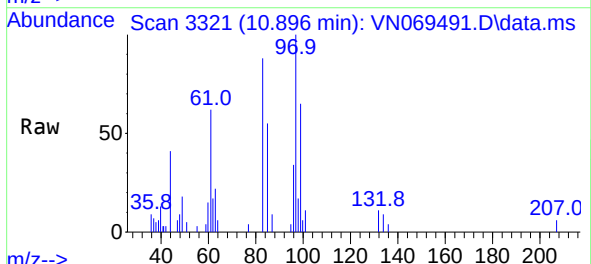
Manual Integrations
APPROVED

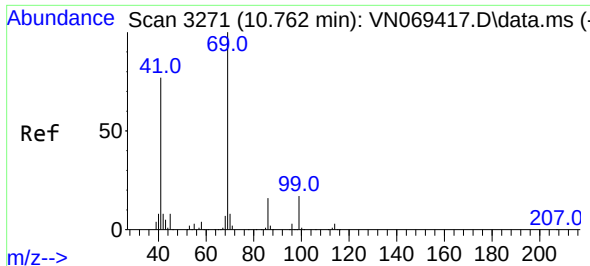
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021



#55
1,1,2-Trichloroethane
Concen: 0.753 ug/l
RT: 10.896 min Scan# 3321
Delta R.T. -0.003 min
Lab File: VN069491.D
Acq: 15 Nov 2021 15:16

Tgt Ion: 97 Resp: 9727
Ion Ratio Lower Upper
97 100
83 88.4 67.8 101.6
85 54.7 45.4 68.2
99 65.3 49.4 74.0





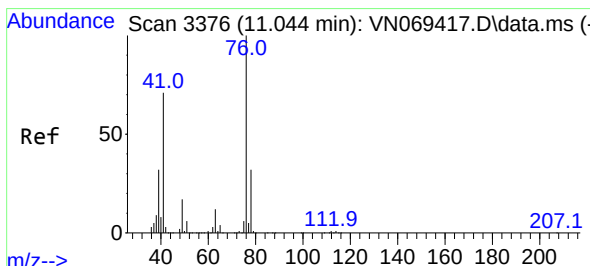
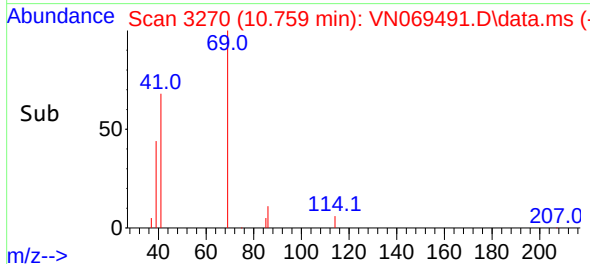
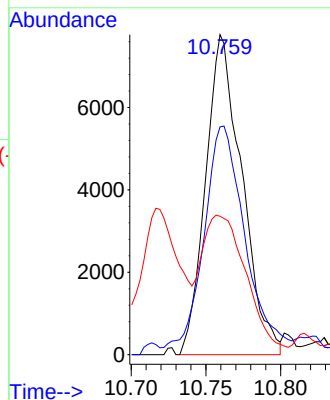
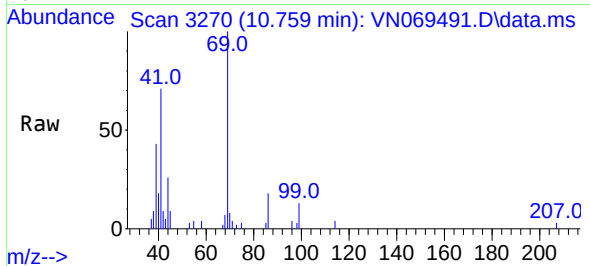
#56
Ethyl methacrylate
Concen: 0.614 ug/l
RT: 10.759 min Scan# 31
Delta R.T. -0.003 min
Lab File: VN069491.D
Acq: 15 Nov 2021 15:16

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

Tgt Ion: 69 Resp: 1313
Ion Ratio Lower Upper
69 100
41 75.9 51.4 77.0
39 49.5 34.6 52.0

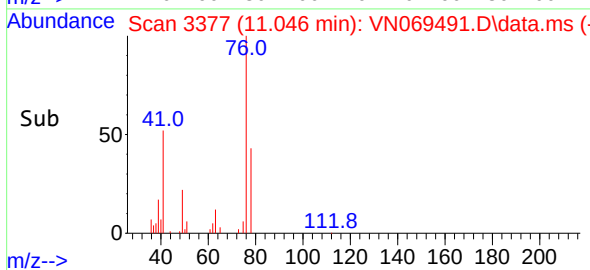
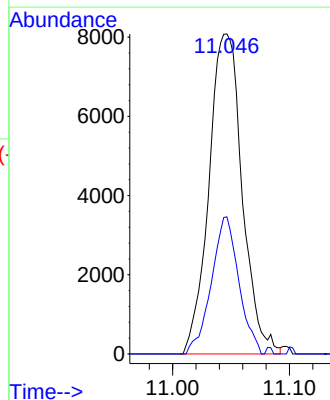
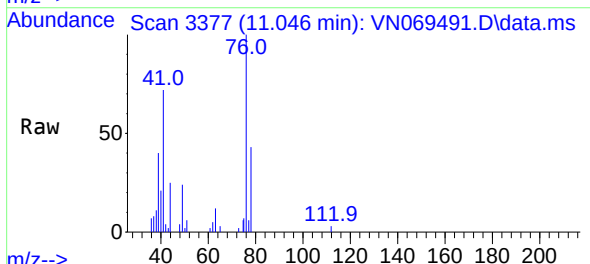
Manual Integrations
APPROVED

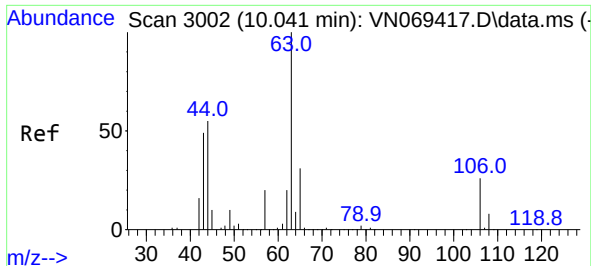
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021



#57
1,3-Dichloropropane
Concen: 0.705 ug/l
RT: 11.046 min Scan# 3377
Delta R.T. 0.002 min
Lab File: VN069491.D
Acq: 15 Nov 2021 15:16

Tgt Ion: 76 Resp: 15998
Ion Ratio Lower Upper
76 100
78 35.3 25.7 38.5





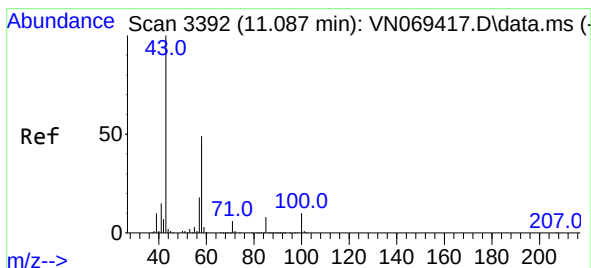
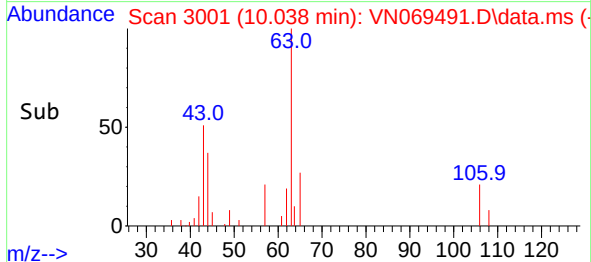
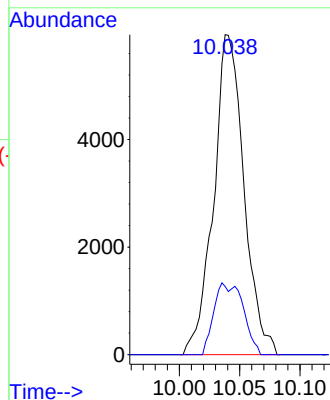
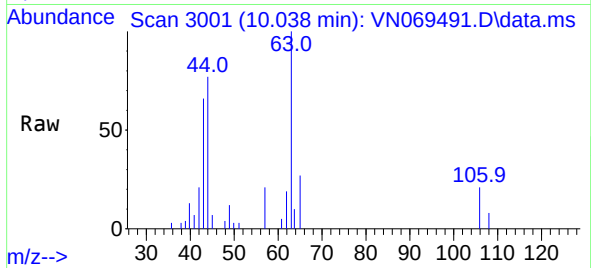
#58
2-Chloroethyl Vinyl ether
Concen: 2.100 ug/l
RT: 10.038 min Scan# 3002
Delta R.T. -0.003 min
Lab File: VN069491.D
Acq: 15 Nov 2021 15:16

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

Tgt Ion: 63 Resp: 10404
Ion Ratio Lower Upper
63 100
106 11.2 23.9 35.9

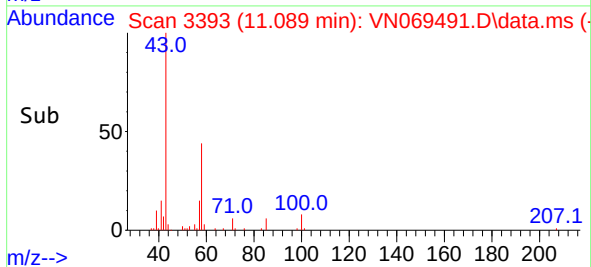
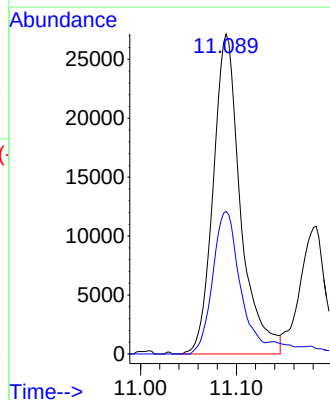
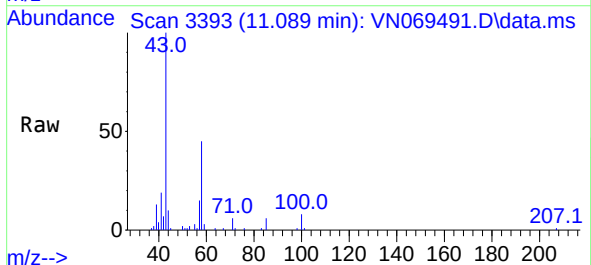
Manual Integrations
APPROVED

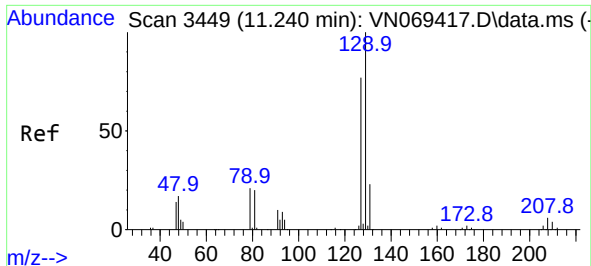
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021



#59
2-Hexanone
Concen: 3.080 ug/l
RT: 11.089 min Scan# 3393
Delta R.T. 0.002 min
Lab File: VN069491.D
Acq: 15 Nov 2021 15:16

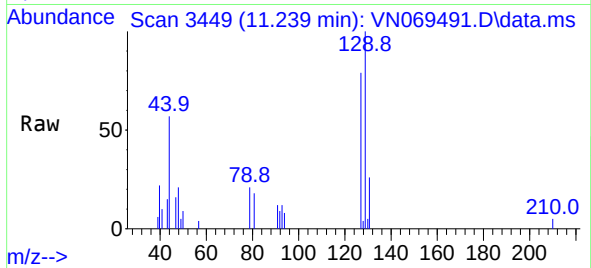
Tgt Ion: 43 Resp: 53603
Ion Ratio Lower Upper
43 100
58 44.3 26.9 80.7





#60
Dibromochloromethane
Concen: 0.555 ug/l
RT: 11.239 min Scan# 3449
Delta R.T. -0.001 min
Lab File: VN069491.D
Acq: 15 Nov 2021 15:16

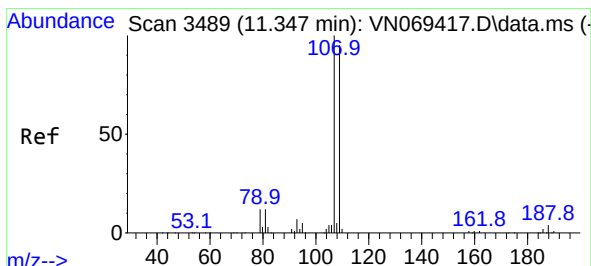
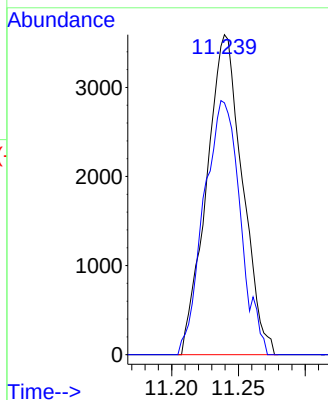
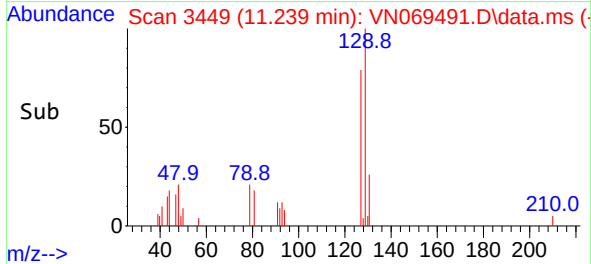
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



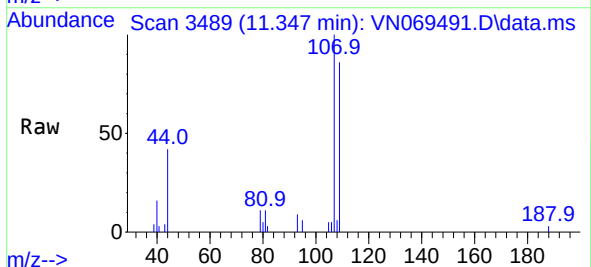
Tgt Ion:129 Resp: 6704
Ion Ratio Lower Upper
129 100
127 80.5 38.6 116.0

Manual Integrations
APPROVED

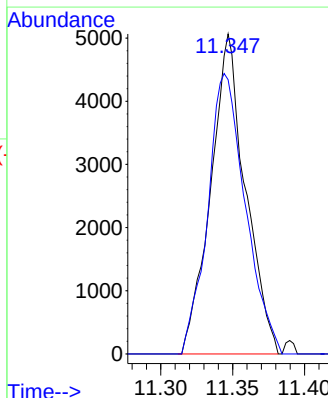
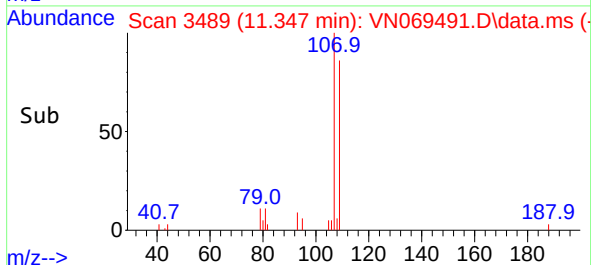
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021

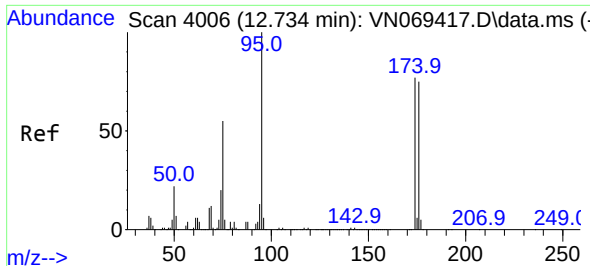


#61
1,2-Dibromoethane
Concen: 0.650 ug/l
RT: 11.347 min Scan# 3489
Delta R.T. -0.000 min
Lab File: VN069491.D
Acq: 15 Nov 2021 15:16



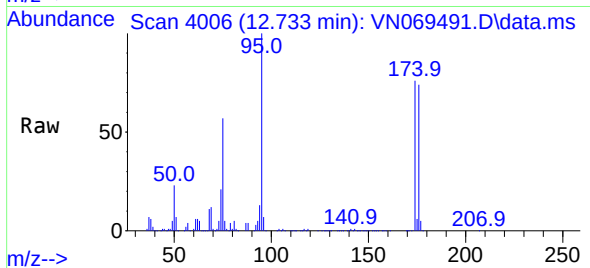
Tgt Ion:107 Resp: 8503
Ion Ratio Lower Upper
107 100
109 95.0 75.7 113.5





#62
4-Bromofluorobenzene
Concen: 44.537 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.001 min
Lab File: VN069491.D
Acq: 15 Nov 2021 15:16

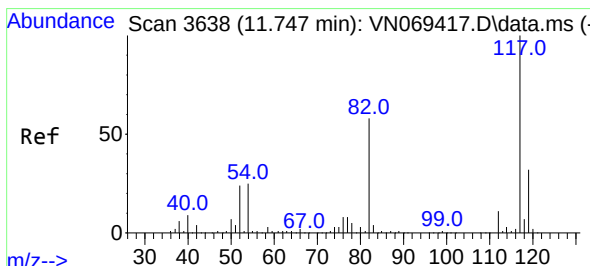
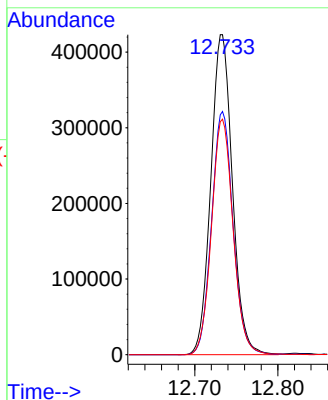
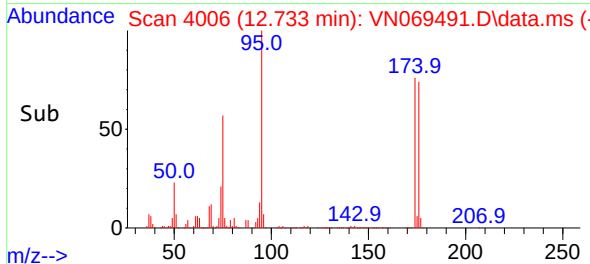
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



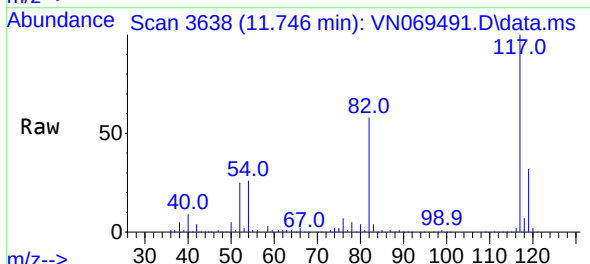
Tgt Ion: 95 Resp: 76415
Ion Ratio Lower Upper
95 100
174 75.7 0.0 187.2
176 73.5 0.0 181.4

Manual Integrations
APPROVED

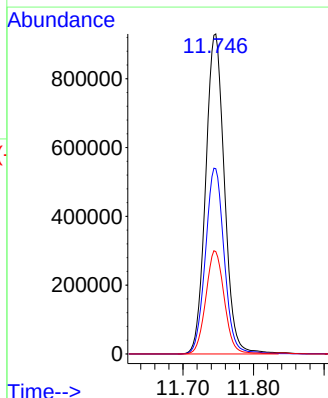
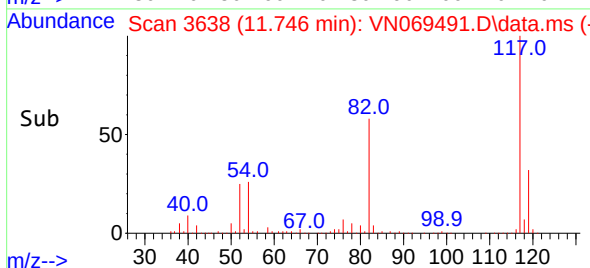
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021

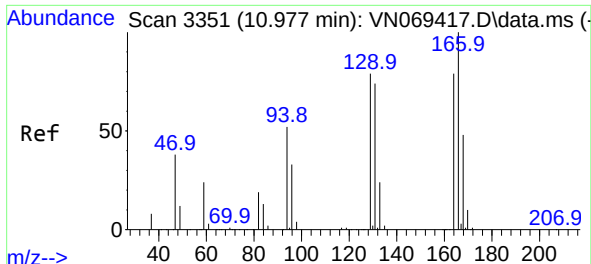


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.001 min
Lab File: VN069491.D
Acq: 15 Nov 2021 15:16



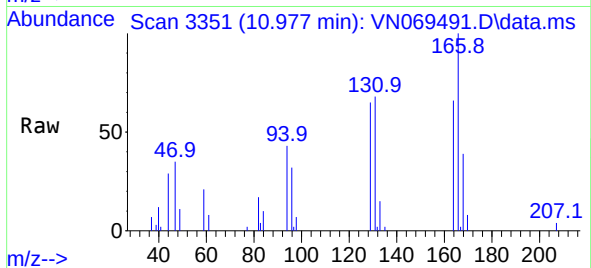
Tgt Ion:117 Resp: 1719477
Ion Ratio Lower Upper
117 100
82 57.9 42.4 63.6
119 32.0 25.4 38.2





#64
Tetrachloroethene
Concen: 0.824 ug/l
RT: 10.977 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN069491.D
Acq: 15 Nov 2021 15:16

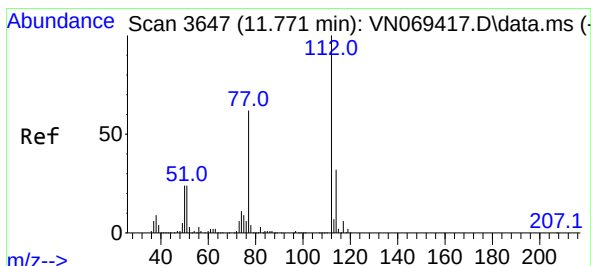
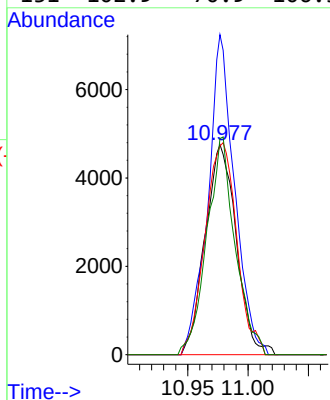
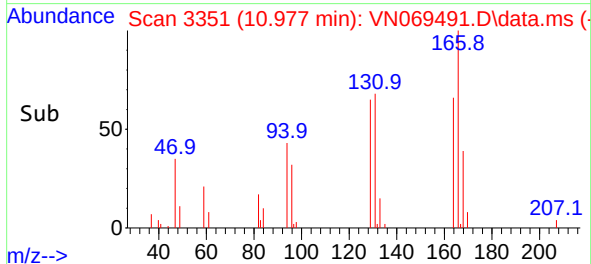
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



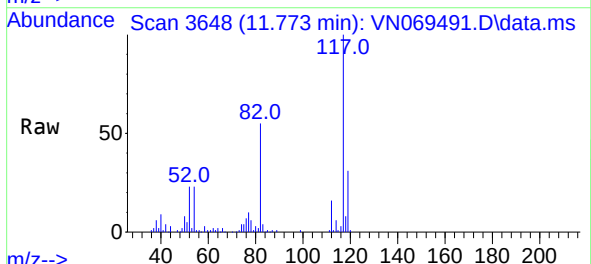
Tgt Ion:164 Resp: 855
Ion Ratio Lower Upper
164 100
166 152.3 101.9 152.9
129 99.3 72.0 108.0
131 102.9 70.9 106.3

Manual Integrations
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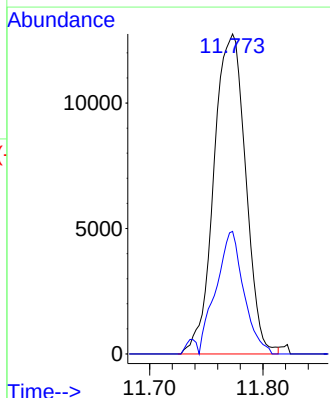
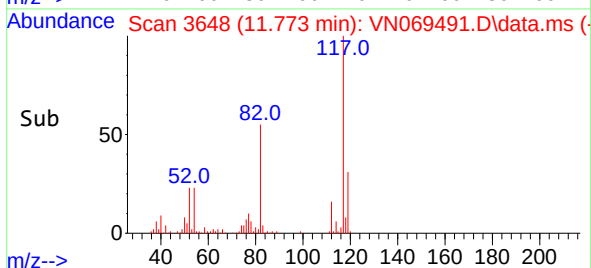
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021

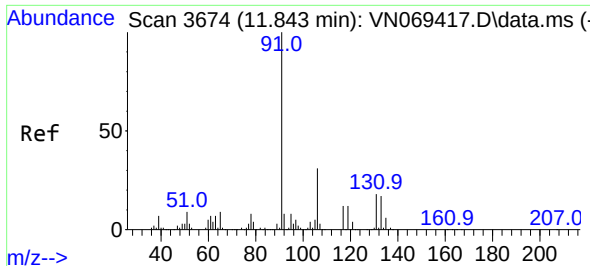


#65
Chlorobenzene
Concen: 0.775 ug/l
RT: 11.773 min Scan# 3648
Delta R.T. 0.002 min
Lab File: VN069491.D
Acq: 15 Nov 2021 15:16



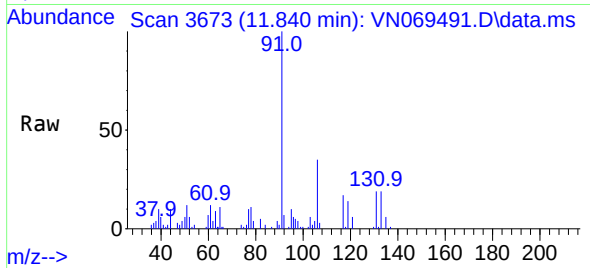
Tgt Ion:112 Resp: 24793
Ion Ratio Lower Upper
112 100
114 38.3 25.4 38.0#





#66
1,1,1,2-Tetrachloroethane
Concen: 0.628 ug/l
RT: 11.840 min Scan# 3673
Delta R.T. -0.003 min
Lab File: VN069491.D
Acq: 15 Nov 2021 15:16

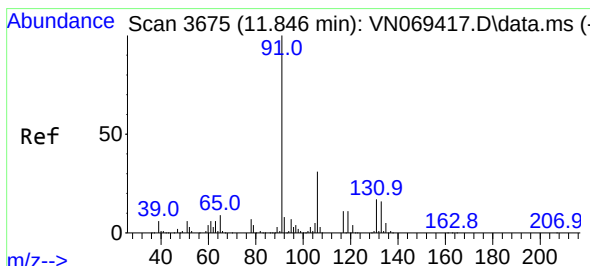
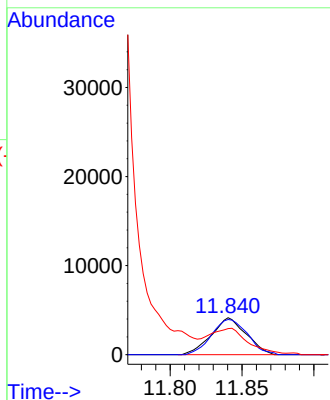
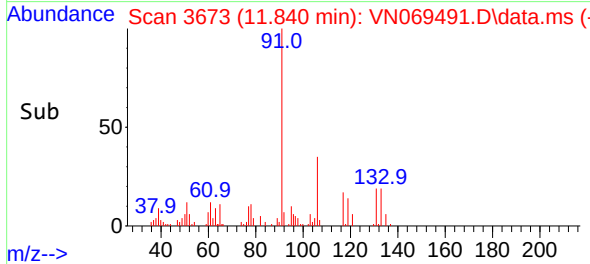
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



Tgt Ion:131 Resp: 697
Ion Ratio Lower Upper
131 100
133 98.5 47.9 143.7
119 0.0 32.1 96.5

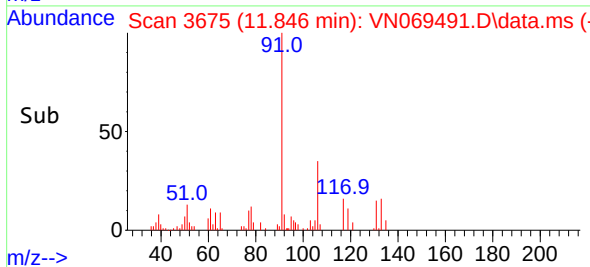
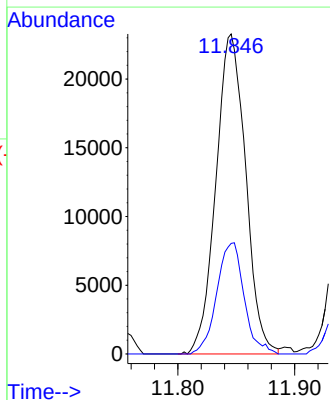
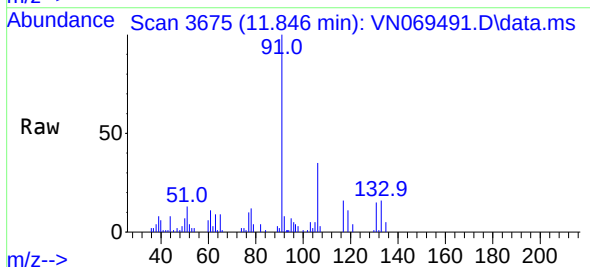
Manual Integrations
APPROVED

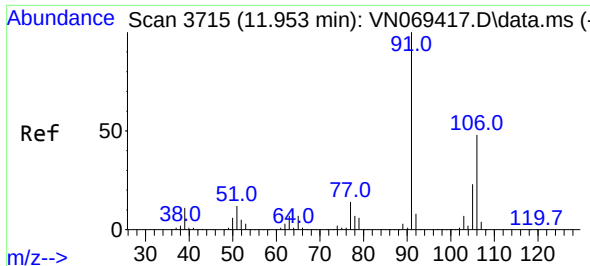
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021



#67
Ethyl Benzene
Concen: 0.698 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. -0.000 min
Lab File: VN069491.D
Acq: 15 Nov 2021 15:16

Tgt Ion: 91 Resp: 41176
Ion Ratio Lower Upper
91 100
106 34.6 25.7 38.5





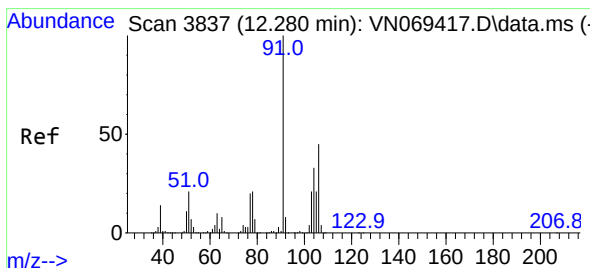
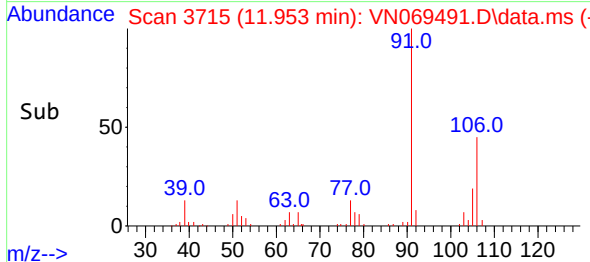
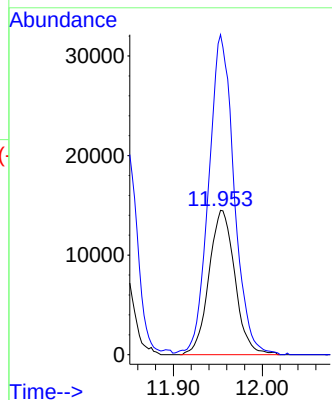
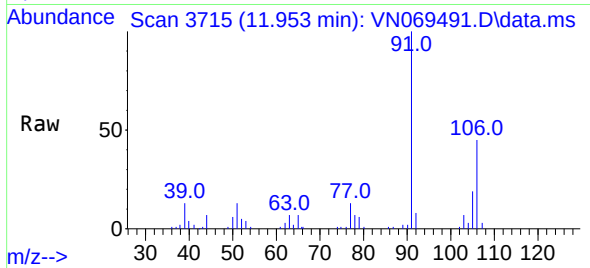
#68
m/p-Xylenes
Concen: 1.354 ug/l
RT: 11.953 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN069491.D
Acq: 15 Nov 2021 15:16

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

Tgt Ion:106 Resp: 2939
Ion Ratio Lower Upper
106 100
91 217.3 160.6 240.8

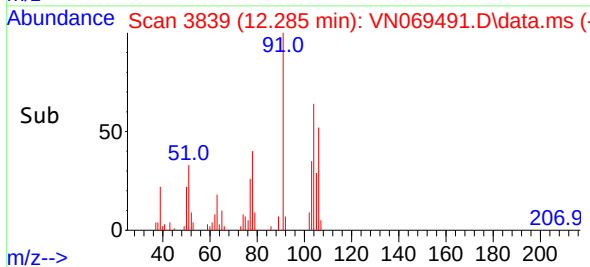
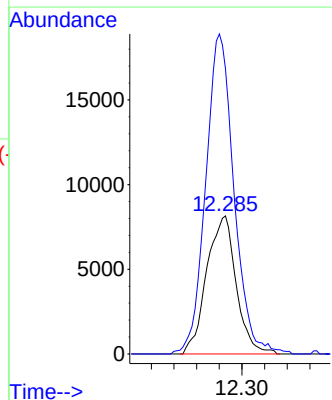
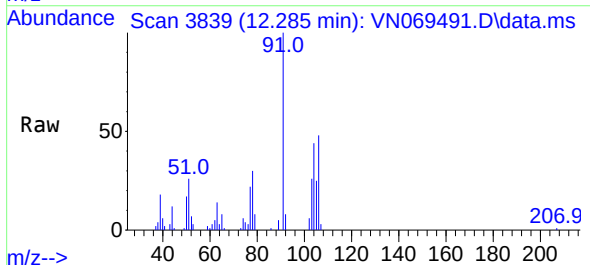
Manual Integrations
APPROVED

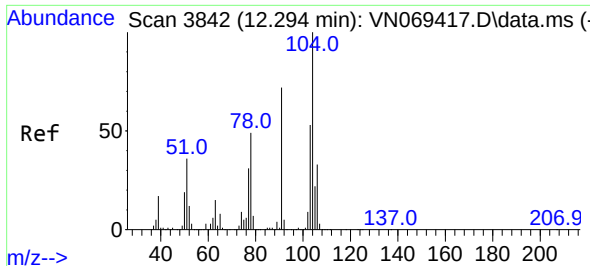
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021



#69
o-Xylene
Concen: 0.681 ug/l
RT: 12.285 min Scan# 3839
Delta R.T. 0.005 min
Lab File: VN069491.D
Acq: 15 Nov 2021 15:16

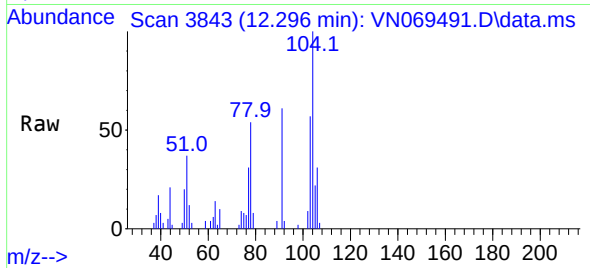
Tgt Ion:106 Resp: 14745
Ion Ratio Lower Upper
106 100
91 222.2 105.8 317.3





#70
Styrene
Concen: 0.597 ug/l
RT: 12.296 min Scan# 3842
Delta R.T. 0.002 min
Lab File: VN069491.D
Acq: 15 Nov 2021 15:16

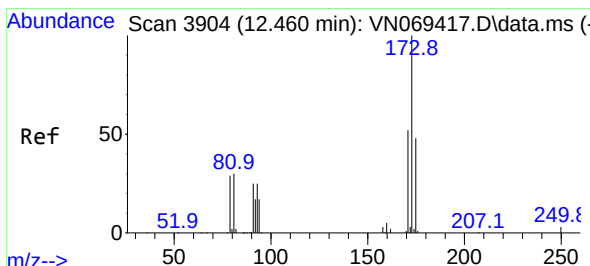
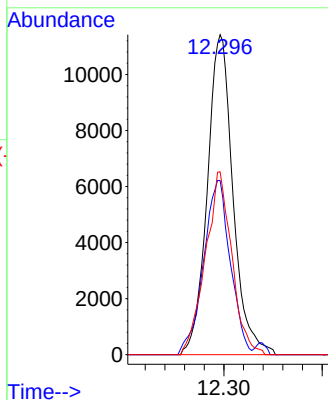
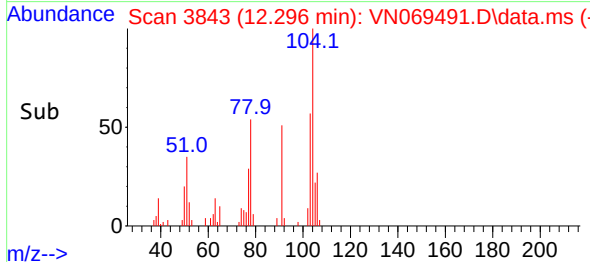
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT4-2021



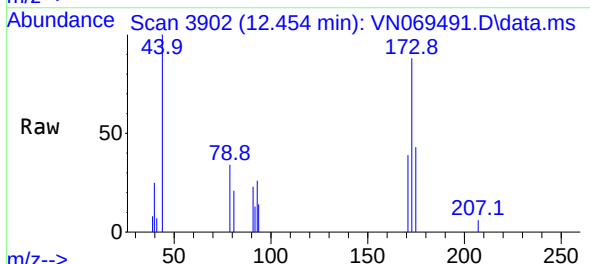
Tgt Ion:104 Resp: 2074
Ion Ratio Lower Upper
104 100
78 56.6 38.7 58.1
103 58.8 45.0 67.6

Manual Integrations
APPROVED

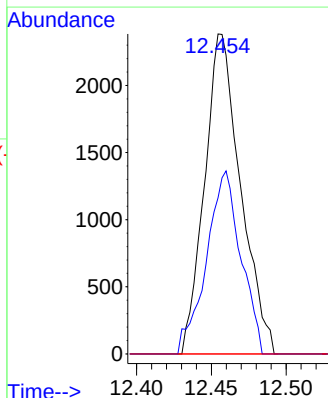
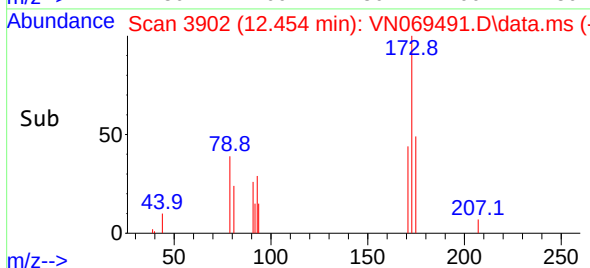
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021

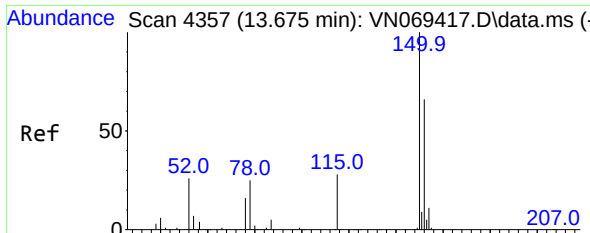


#71
Bromoform
Concen: 0.504 ug/l
RT: 12.454 min Scan# 3902
Delta R.T. -0.006 min
Lab File: VN069491.D
Acq: 15 Nov 2021 15:16



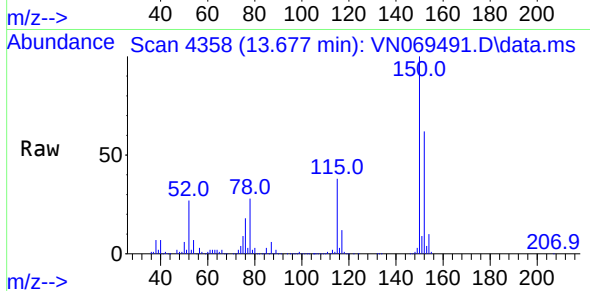
Tgt Ion:173 Resp: 3993
Ion Ratio Lower Upper
173 100
175 54.6 24.2 72.6
254 0.0 0.0 0.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.677 min Scan# 41
Delta R.T. 0.002 min
Lab File: VN069491.D
Acq: 15 Nov 2021 15:16

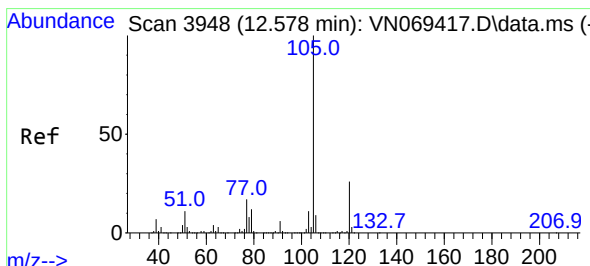
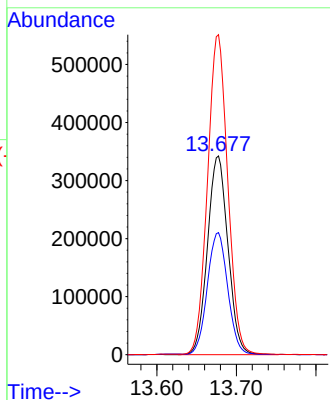
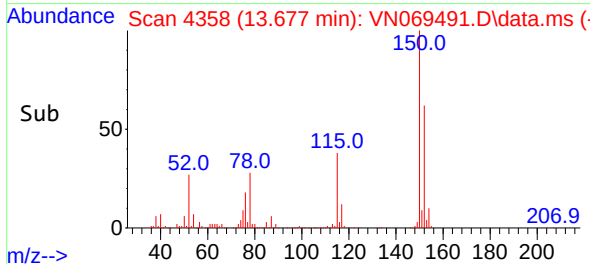
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



Tgt Ion:152 Resp: 612950
Ion Ratio Lower Upper
152 100
115 61.1 27.5 82.5
150 158.9 0.0 344.4

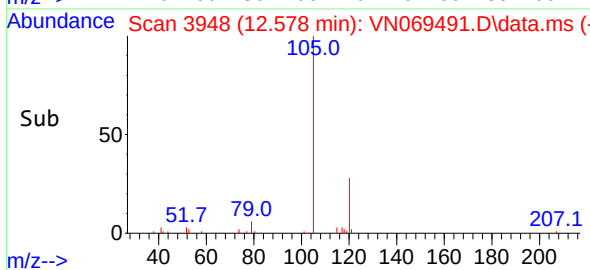
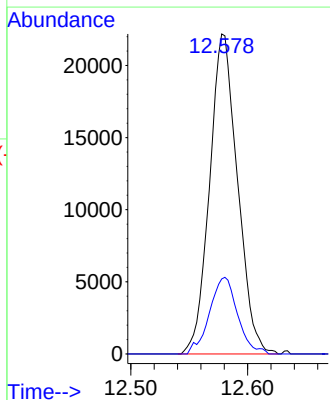
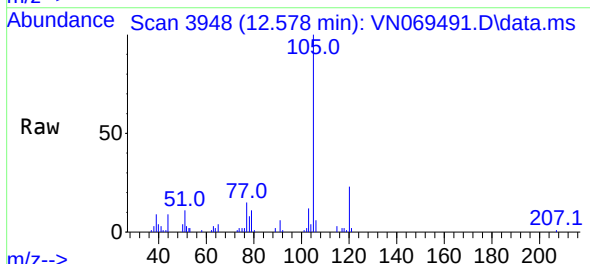
Manual Integrations
APPROVED

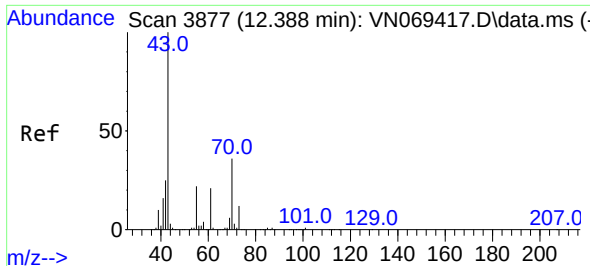
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021



#73
Isopropylbenzene
Concen: 0.755 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. -0.000 min
Lab File: VN069491.D
Acq: 15 Nov 2021 15:16

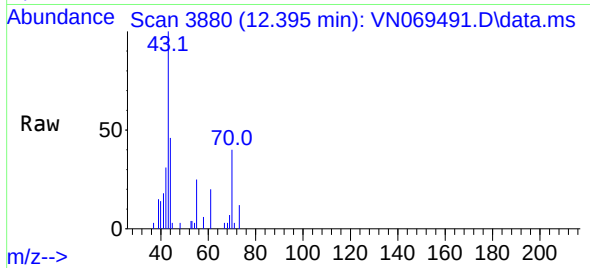
Tgt Ion:105 Resp: 36855
Ion Ratio Lower Upper
105 100
120 24.0 13.4 40.1





#74
N-amy1 acetate
Concen: 0.627 ug/l
RT: 12.395 min Scan# 3877
Delta R.T. 0.007 min
Lab File: VN069491.D
Acq: 15 Nov 2021 15:16

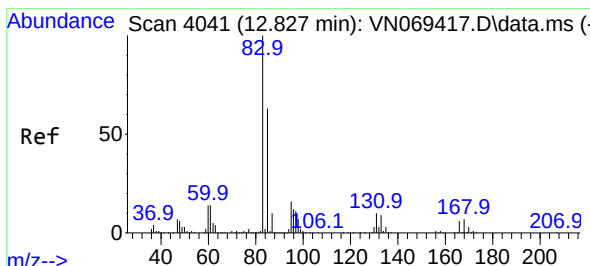
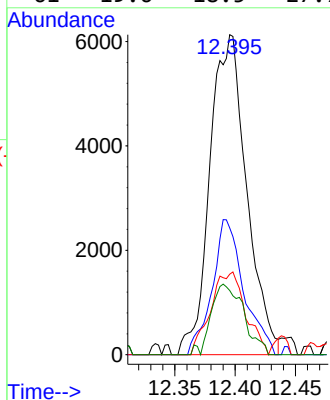
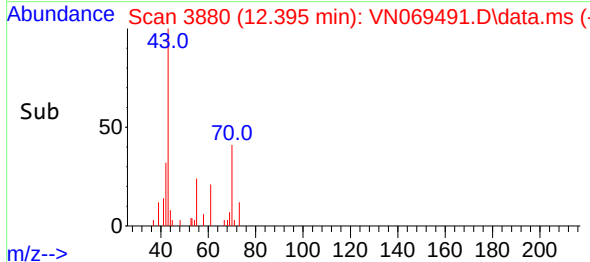
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT4-2021



Tgt Ion	Ratio	Lower	Upper
43	100		
70	36.5	33.4	50.0
55	24.6	19.3	28.9
61	19.6	18.5	27.7

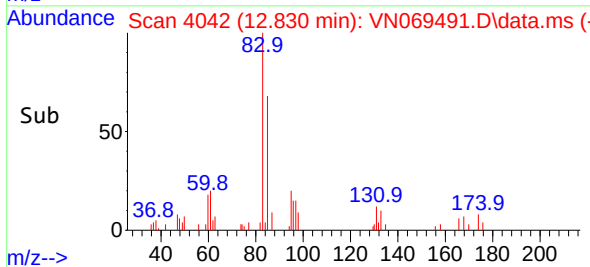
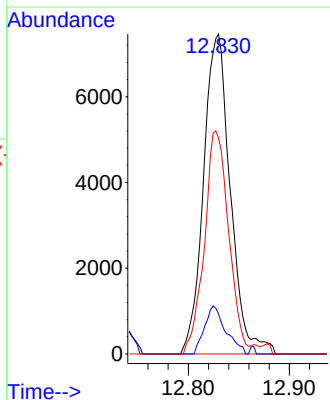
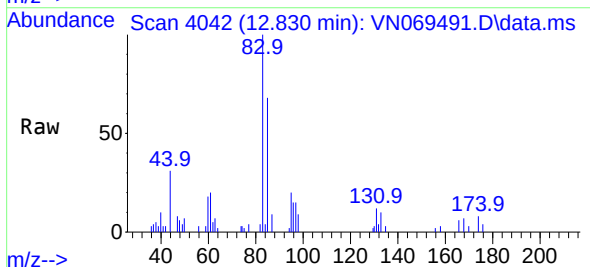
Manual Integrations
APPROVED

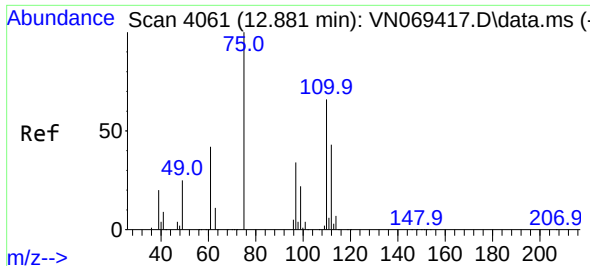
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021



#75
1,1,2,2-Tetrachloroethane
Concen: 0.837 ug/l
RT: 12.830 min Scan# 4042
Delta R.T. 0.003 min
Lab File: VN069491.D
Acq: 15 Nov 2021 15:16

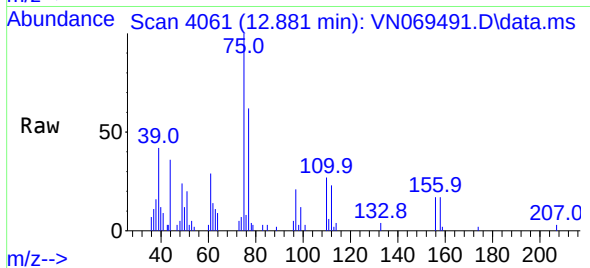
Tgt Ion	Ratio	Lower	Upper
83	100		
131	11.8	5.5	16.5
85	63.2	32.4	97.2





#76
1,2,3-Trichloropropane
Concen: 0.898 ug/l m
RT: 12.881 min Scan# 4061
Delta R.T. -0.000 min
Lab File: VN069491.D
Acq: 15 Nov 2021 15:16

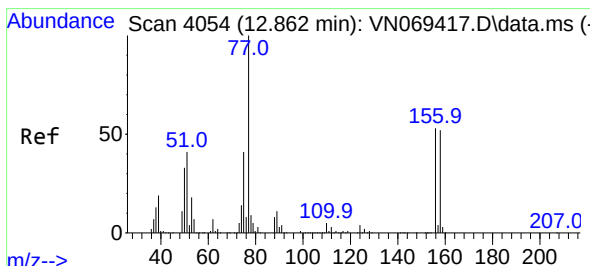
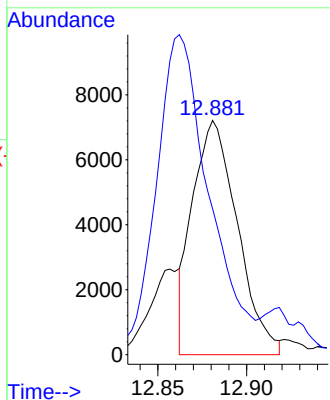
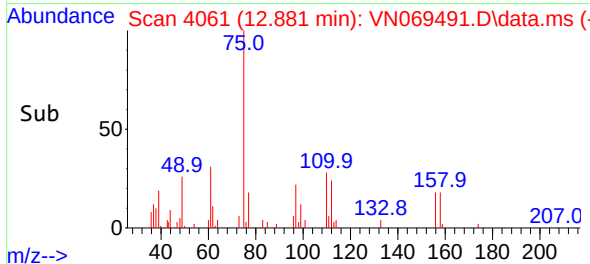
Instrument : MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



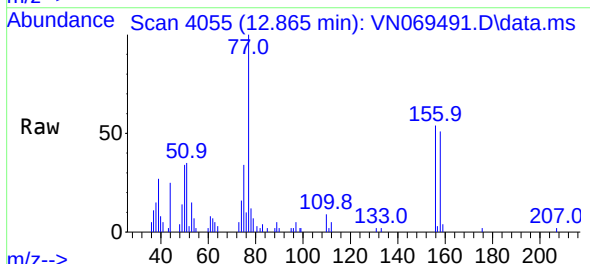
Tgt Ion: 75 Resp: 12699
Ion Ratio Lower Upper
75 100
77 160.1 82.6 247.8

Manual Integrations
APPROVED

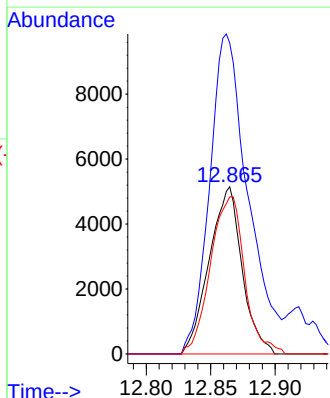
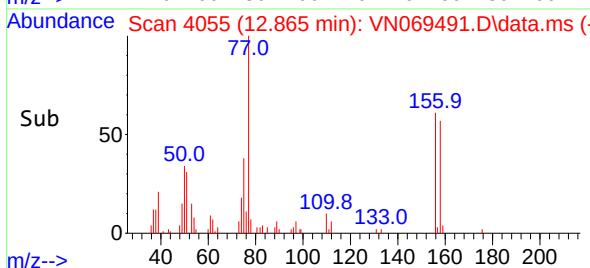
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021

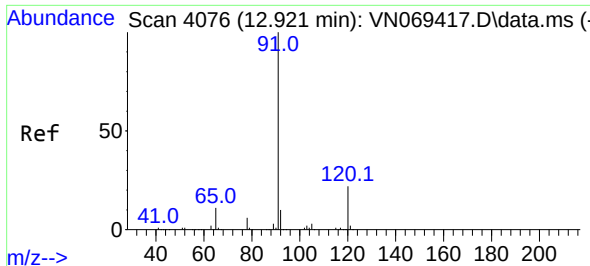


#77
Bromobenzene
Concen: 0.817 ug/l
RT: 12.865 min Scan# 4055
Delta R.T. 0.003 min
Lab File: VN069491.D
Acq: 15 Nov 2021 15:16



Tgt Ion:156 Resp: 9116
Ion Ratio Lower Upper
156 100
77 223.0 90.6 271.8
158 97.8 48.9 146.7





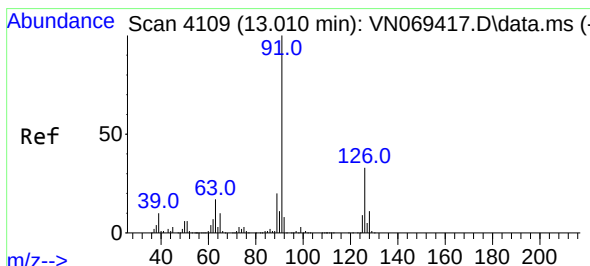
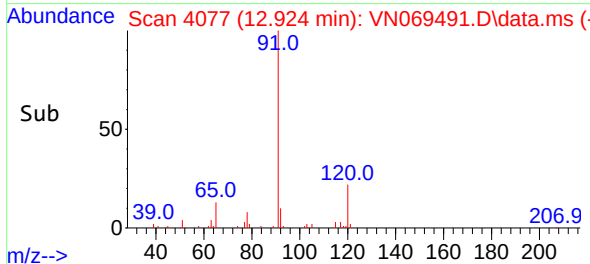
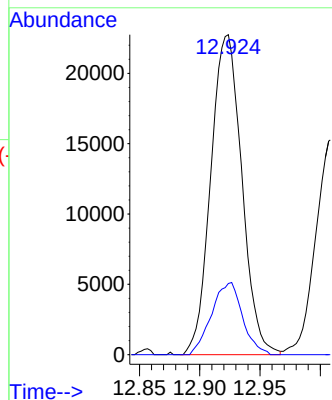
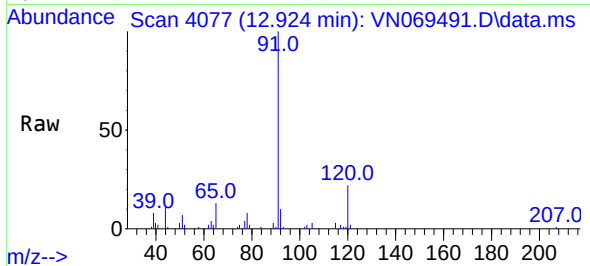
#78
n-propylbenzene
Concen: 0.742 ug/l
RT: 12.924 min Scan# 4073
Delta R.T. 0.003 min
Lab File: VN069491.D
Acq: 15 Nov 2021 15:16

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

Tgt Ion: 91 Resp: 4073
Ion Ratio Lower Upper
91 100
120 22.5 11.9 35.9

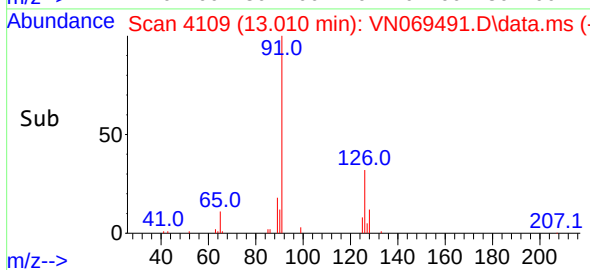
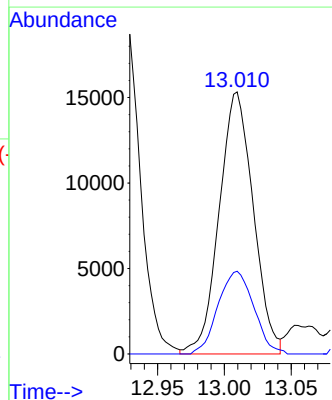
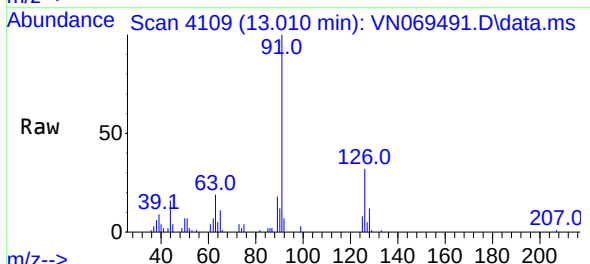
Manual Integrations
APPROVED

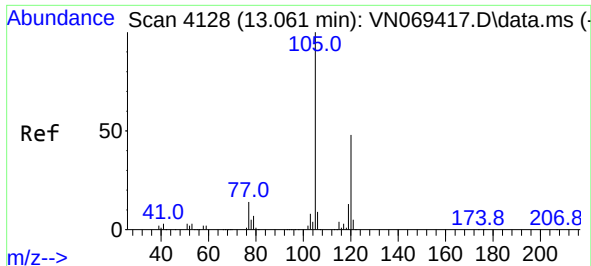
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021



#79
2-Chlorotoluene
Concen: 0.802 ug/l
RT: 13.010 min Scan# 4109
Delta R.T. -0.000 min
Lab File: VN069491.D
Acq: 15 Nov 2021 15:16

Tgt Ion: 91 Resp: 27261
Ion Ratio Lower Upper
91 100
126 33.1 18.3 54.8





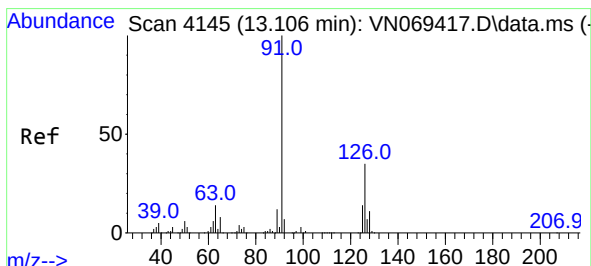
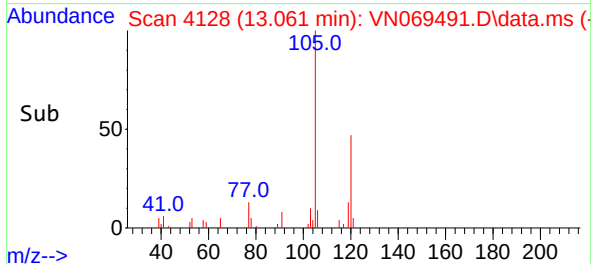
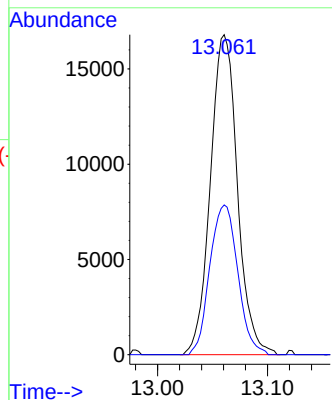
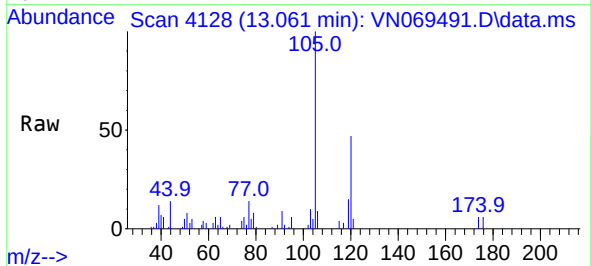
#80
1,3,5-Trimethylbenzene
Concen: 0.728 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. -0.000 min
Lab File: VN069491.D
Acq: 15 Nov 2021 15:16

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

Tgt Ion:105 Resp: 2871
Ion Ratio Lower Upper
105 100
120 48.4 24.6 73.6

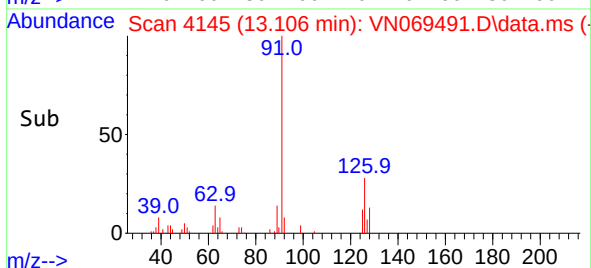
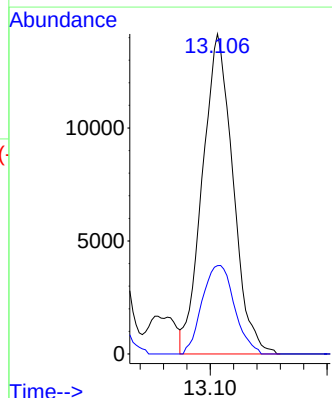
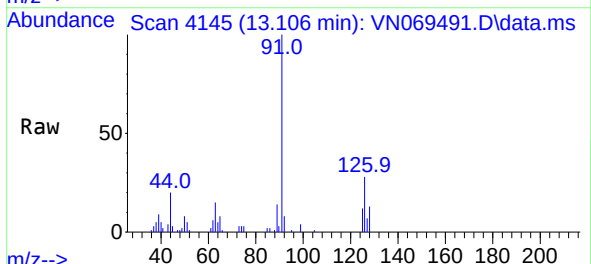
Manual Integrations
APPROVED

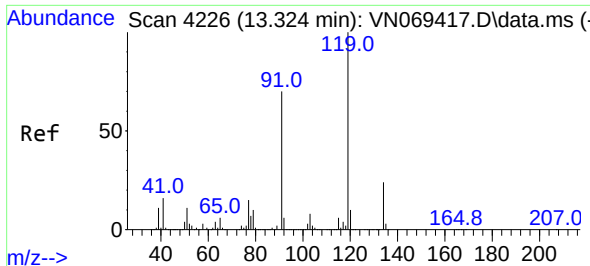
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021



#82
4-Chlorotoluene
Concen: 0.792 ug/l
RT: 13.106 min Scan# 4145
Delta R.T. 0.000 min
Lab File: VN069491.D
Acq: 15 Nov 2021 15:16

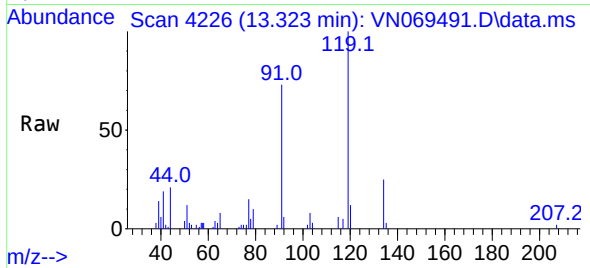
Tgt Ion: 91 Resp: 25685
Ion Ratio Lower Upper
91 100
126 29.2 18.2 54.6





#83
tert-Butylbenzene
Concen: 0.751 ug/l
RT: 13.323 min Scan# 41
Delta R.T. -0.001 min
Lab File: VN069491.D
Acq: 15 Nov 2021 15:16

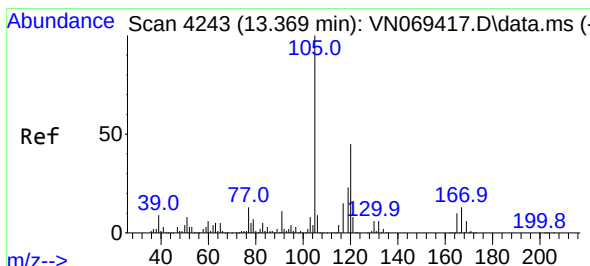
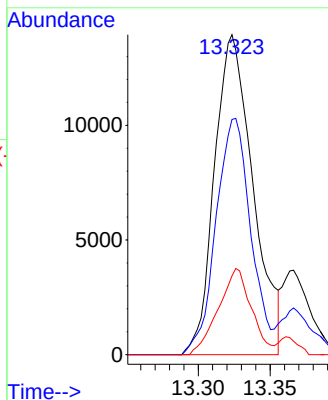
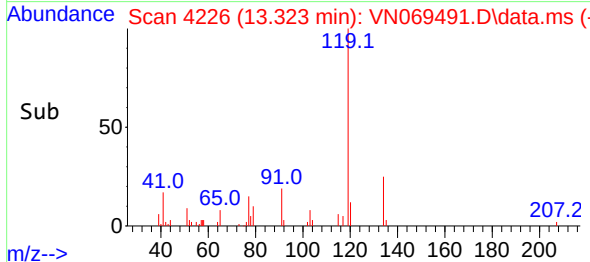
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



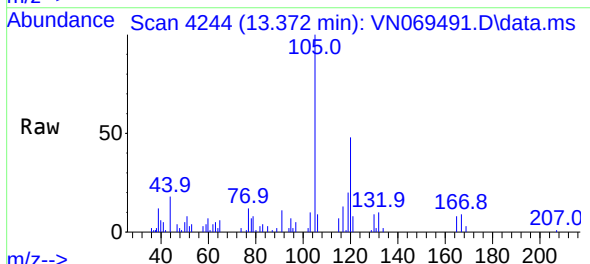
Tgt Ion:119 Resp: 2596
Ion Ratio Lower Upper
119 100
91 66.3 31.5 94.5
134 23.2 12.4 37.4

Manual Integrations
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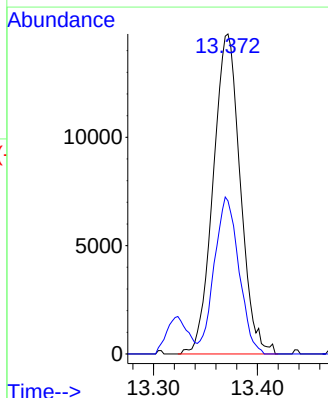
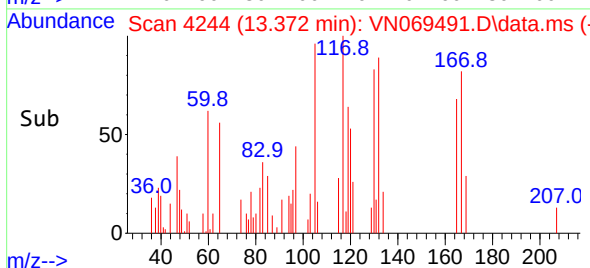
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021

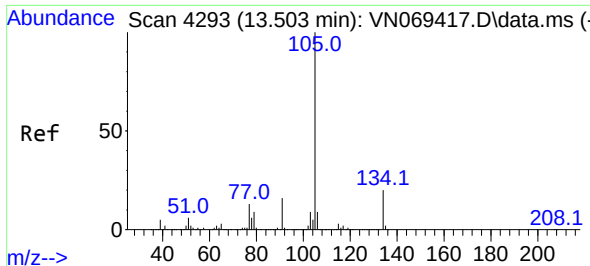


#84
1,2,4-Trimethylbenzene
Concen: 0.703 ug/l
RT: 13.372 min Scan# 4244
Delta R.T. 0.003 min
Lab File: VN069491.D
Acq: 15 Nov 2021 15:16



Tgt Ion:105 Resp: 26781
Ion Ratio Lower Upper
105 100
120 44.5 22.8 68.4





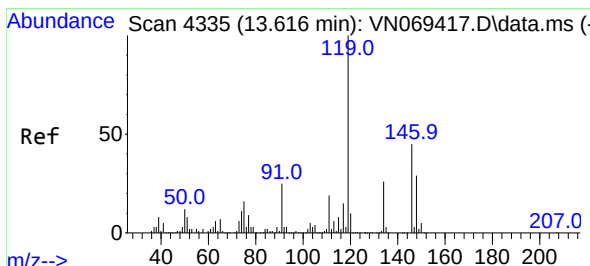
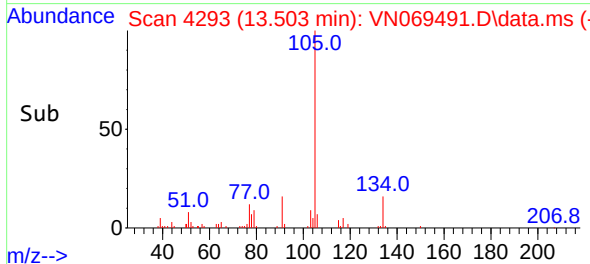
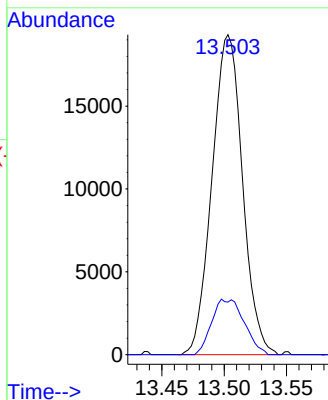
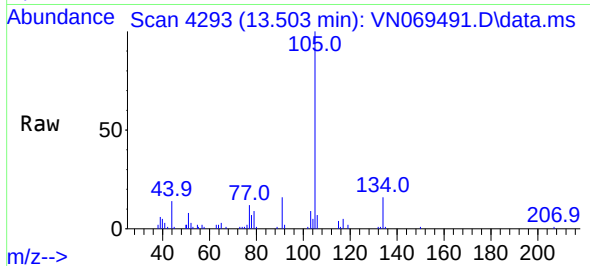
#85
 sec-Butylbenzene
 Concen: 0.680 ug/l
 RT: 13.503 min Scan# 4293
 Delta R.T. 0.000 min
 Lab File: VN069491.D
 Acq: 15 Nov 2021 15:16

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

Tgt Ion:105 Resp: 3285
 Ion Ratio Lower Upper
 105 100
 134 18.4 10.4 31.1

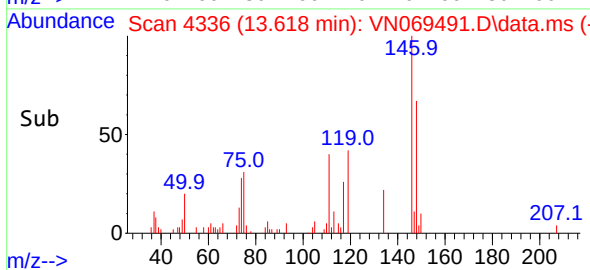
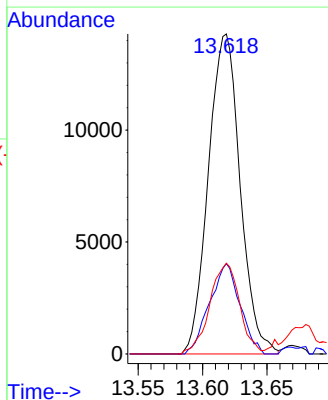
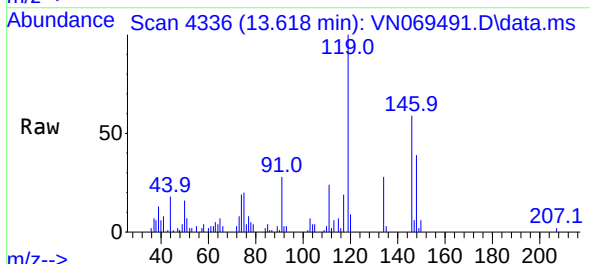
Manual Integrations
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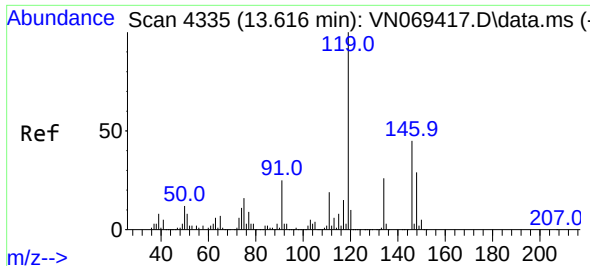
Reviewed By :John Carlone 11/16/2021
 Supervised By :Mahesh Dadoda 11/18/2021



#86
 p-Isopropyltoluene
 Concen: 0.639 ug/l
 RT: 13.618 min Scan# 4336
 Delta R.T. 0.002 min
 Lab File: VN069491.D
 Acq: 15 Nov 2021 15:16

Tgt Ion:119 Resp: 24504
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.6 40.7
 91 26.6 11.4 34.1





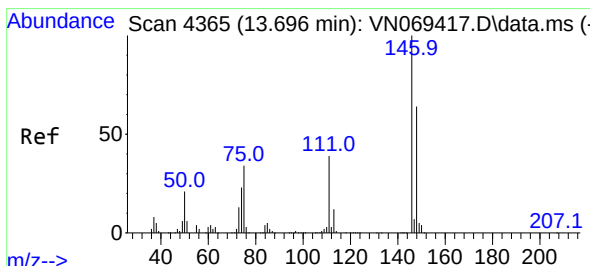
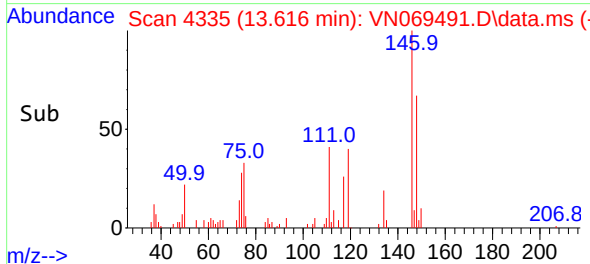
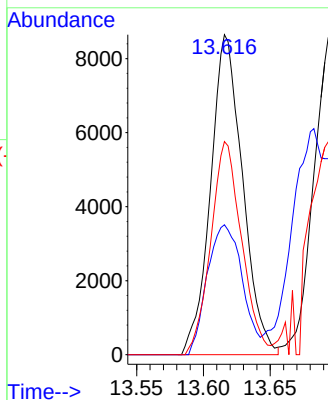
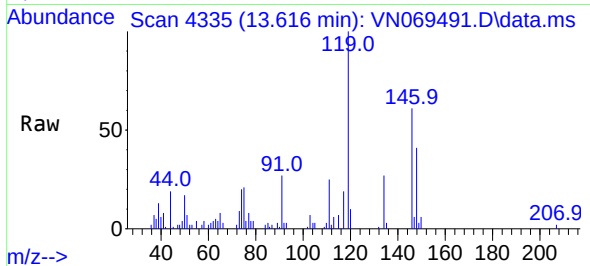
#87
1,3-Dichlorobenzene
Concen: 0.747 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. -0.000 min
Lab File: VN069491.D
Acq: 15 Nov 2021 15:16

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

Tgt Ion:146 Resp: 1445
Ion Ratio Lower Upper
146 100
111 44.3 18.6 55.6
148 64.1 31.6 95.0

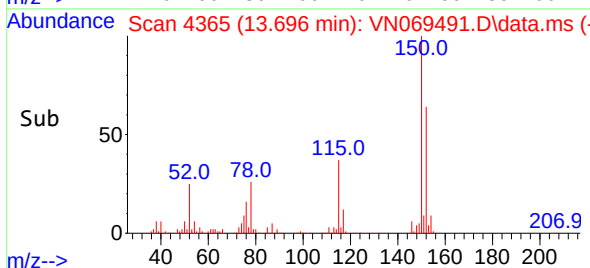
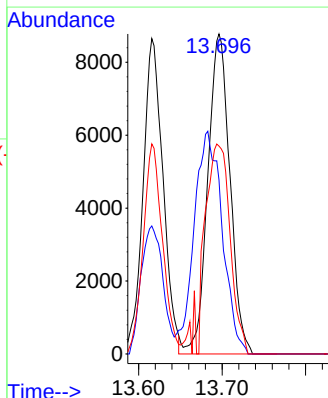
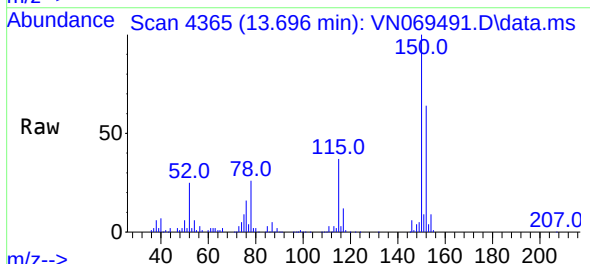
Manual Integrations
APPROVED

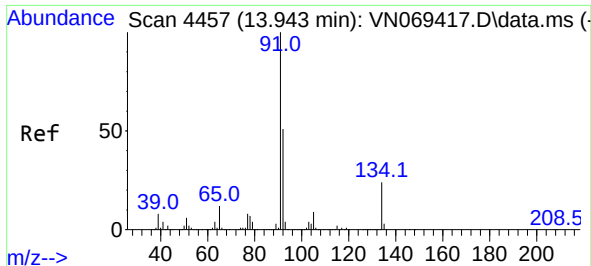
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021



#88
1,4-Dichlorobenzene
Concen: 0.851 ug/l m
RT: 13.696 min Scan# 4365
Delta R.T. 0.000 min
Lab File: VN069491.D
Acq: 15 Nov 2021 15:16

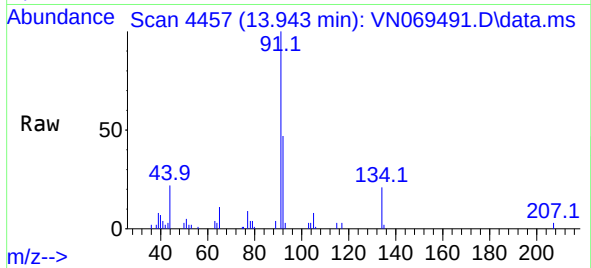
Tgt Ion:146 Resp: 16161
Ion Ratio Lower Upper
146 100
111 39.6 18.3 54.8
148 57.4 31.8 95.4





#89
n-Butylbenzene
Concen: 0.673 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. -0.000 min
Lab File: VN069491.D
Acq: 15 Nov 2021 15:16

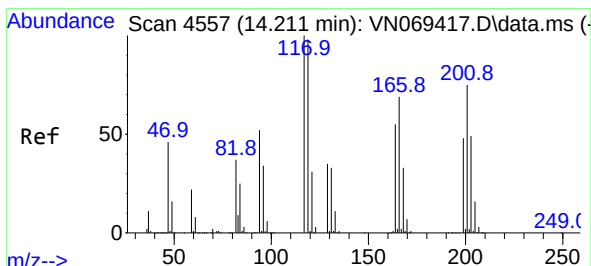
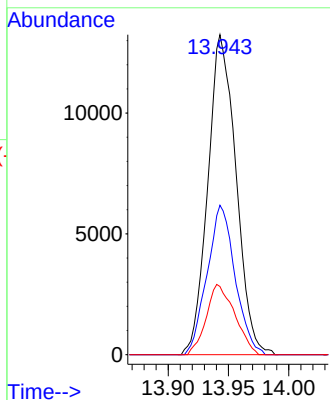
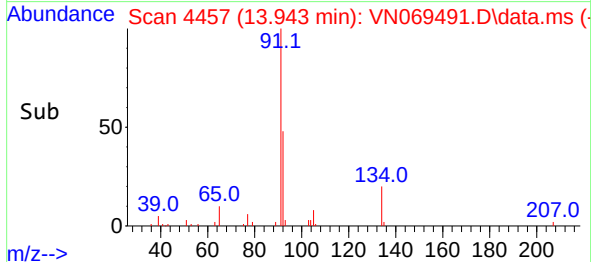
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



Tgt Ion: 91 Resp: 21530
Ion Ratio Lower Upper
91 100
92 46.4 25.4 76.0
134 22.2 13.6 40.8

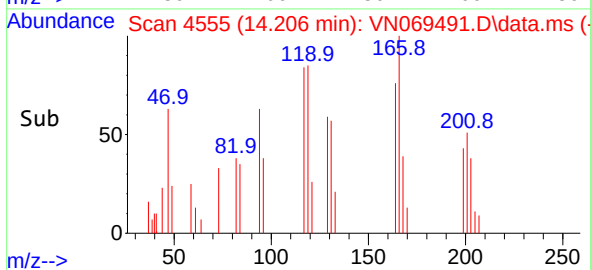
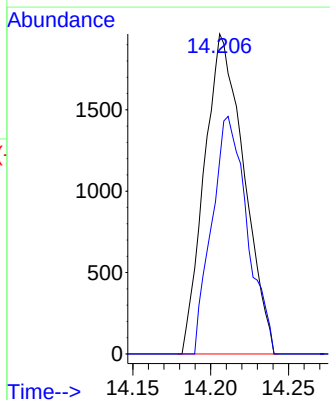
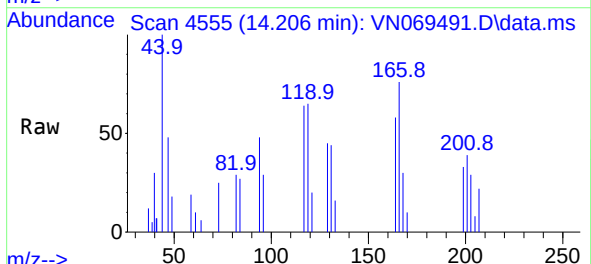
Manual Integrations
APPROVED

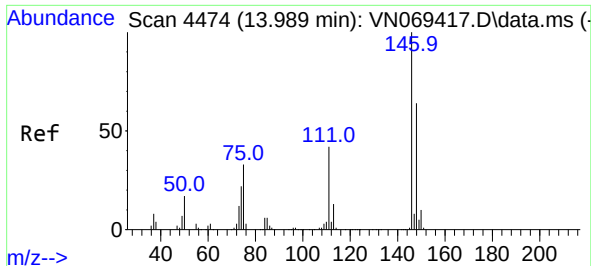
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021



#90
Hexachloroethane
Concen: 0.552 ug/l
RT: 14.206 min Scan# 4555
Delta R.T. -0.005 min
Lab File: VN069491.D
Acq: 15 Nov 2021 15:16

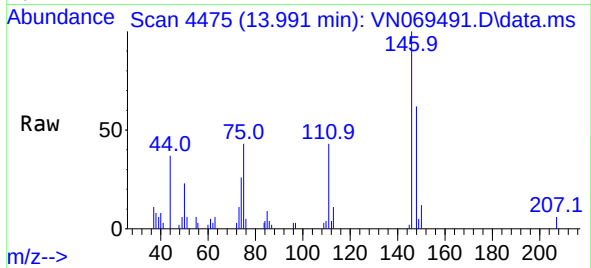
Tgt Ion:117 Resp: 3470
Ion Ratio Lower Upper
117 100
201 66.5 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 0.795 ug/l
RT: 13.991 min Scan# 4475
Delta R.T. 0.002 min
Lab File: VN069491.D
Acq: 15 Nov 2021 15:16

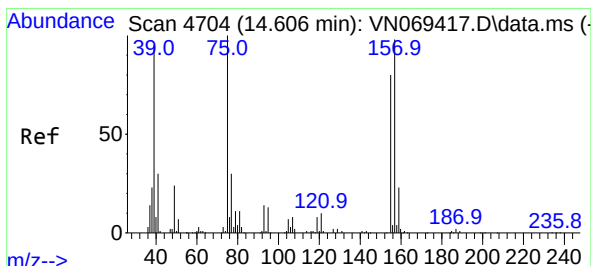
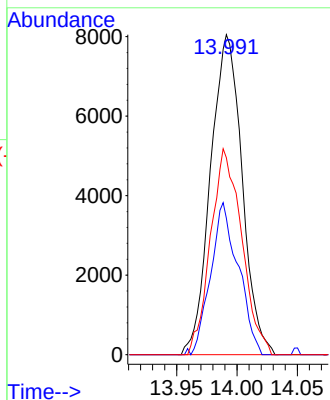
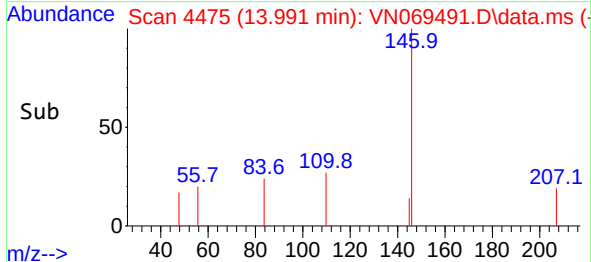
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



Tgt Ion:146 Resp: 1463
Ion Ratio Lower Upper
146 100
111 41.7 19.1 57.3
148 63.6 32.1 96.3

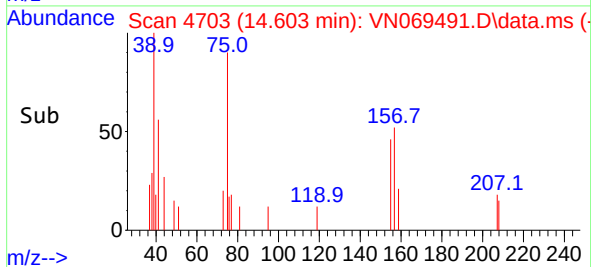
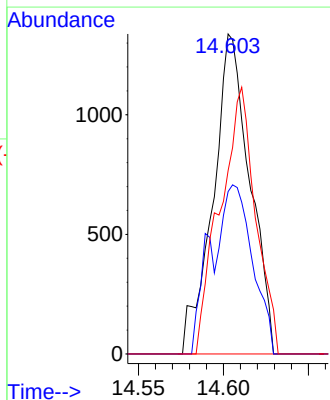
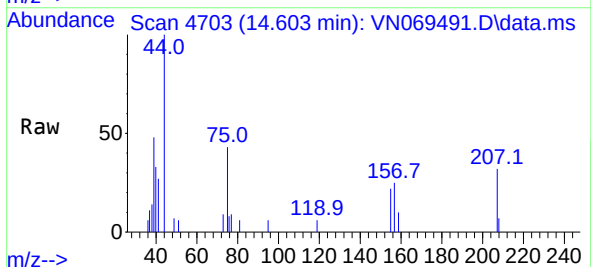
Manual Integrations
APPROVED

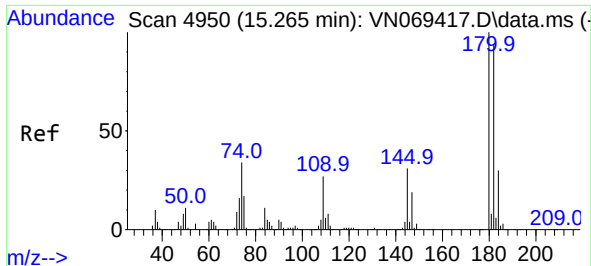
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.758 ug/l
RT: 14.603 min Scan# 4703
Delta R.T. -0.003 min
Lab File: VN069491.D
Acq: 15 Nov 2021 15:16

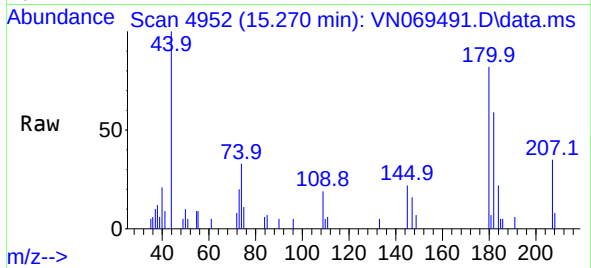
Tgt Ion: 75 Resp: 2017
Ion Ratio Lower Upper
75 100
155 45.2 46.9 140.7#
157 80.7 60.6 181.7





#93
1,2,4-Trichlorobenzene
Concen: 0.592 ug/l
RT: 15.270 min Scan# 4950
Delta R.T. 0.005 min
Lab File: VN069491.D
Acq: 15 Nov 2021 15:16

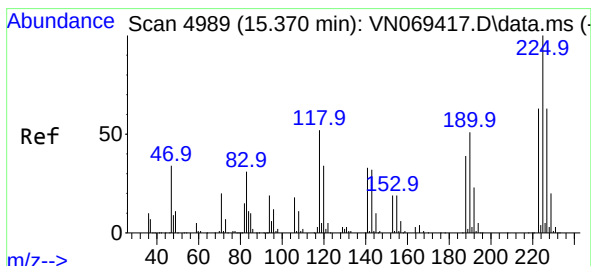
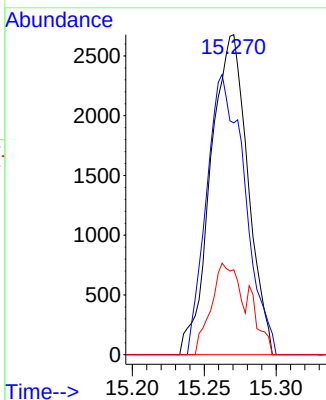
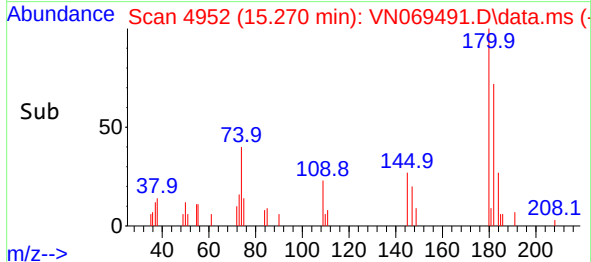
Instrument : MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



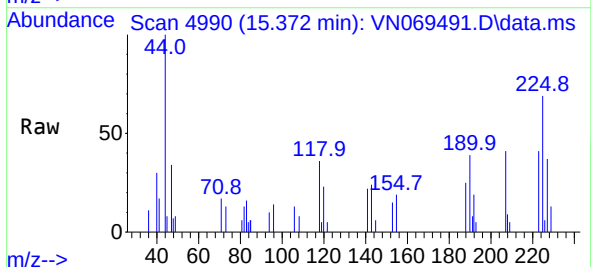
Tgt Ion:180 Resp: 480
Ion Ratio Lower Upper
180 100
182 90.4 48.3 144.9
145 22.0 14.5 43.5

Manual Integrations
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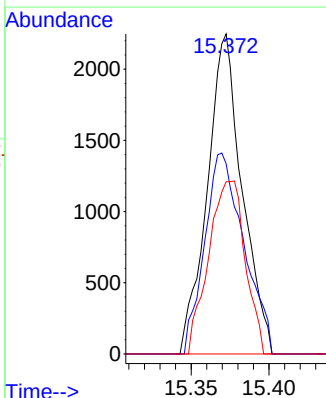
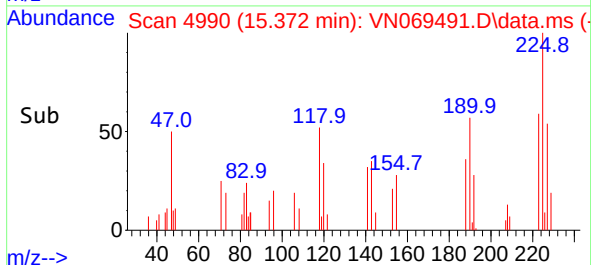
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021

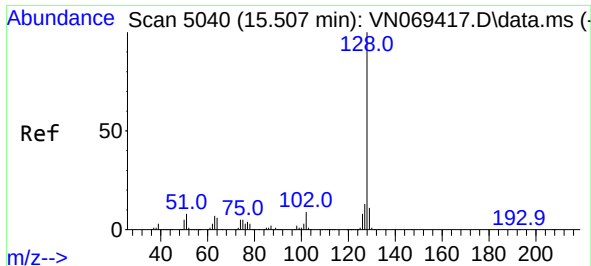


#94
Hexachlorobutadiene
Concen: 0.732 ug/l
RT: 15.372 min Scan# 4990
Delta R.T. 0.002 min
Lab File: VN069491.D
Acq: 15 Nov 2021 15:16



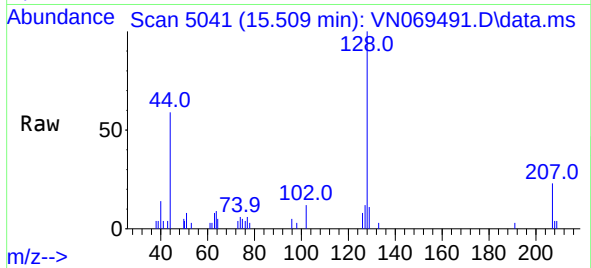
Tgt Ion:225 Resp: 3503
Ion Ratio Lower Upper
225 100
223 70.6 31.9 95.7
227 56.6 32.1 96.3





#95
Naphthalene
Concen: 0.571 ug/l
RT: 15.509 min Scan# 5040
Delta R.T. 0.002 min
Lab File: VN069491.D
Acq: 15 Nov 2021 15:16

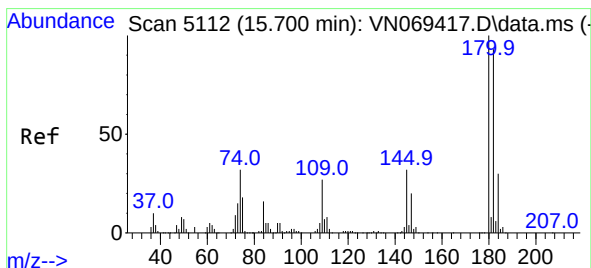
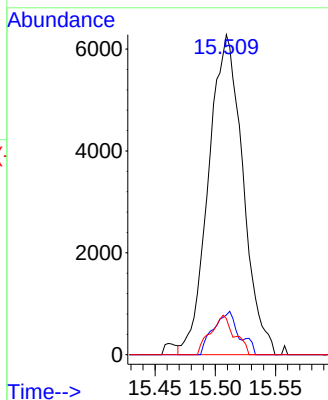
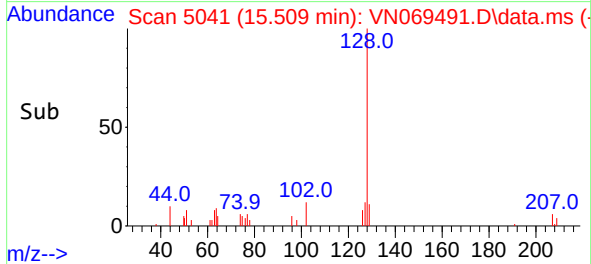
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



Tgt Ion:128 Resp: 12418
Ion Ratio Lower Upper
128 100
127 9.0 10.5 15.7
129 8.6 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021



#96
1,2,3-Trichlorobenzene
Concen: 0.604 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. -0.000 min
Lab File: VN069491.D
Acq: 15 Nov 2021 15:16

Tgt Ion:180 Resp: 4693
Ion Ratio Lower Upper
180 100
182 84.5 47.4 142.2
145 30.7 15.0 45.1

