

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111721\
 Data File : VN069531.D
 Acq On : 17 Nov 2021 15:40
 Operator : JC/MD
 Sample : M4068-07 .75PPB
 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 18 08:13:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 18 08:00:30 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	933936	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1559910	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	1367486	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	470792	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	751492	55.495	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 111.000%			
35) Dibromofluoromethane	8.024	113	503193	53.785	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 107.560%			
50) Toluene-d8	10.443	98	1914507	52.031	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 104.060%			
62) 4-Bromofluorobenzene	12.731	95	596256	44.110	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 88.220%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	5947	0.596	ug/l	100
3) Chloromethane	2.306	50	9546	0.825	ug/l	92
4) Vinyl Chloride	2.448	62	7542	0.651	ug/l #	87
5) Bromomethane	2.872	94	6984	0.928	ug/l #	78
6) Chloroethane	3.036	64	5611	0.717	ug/l #	72
7) Trichlorofluoromethane	3.379	101	11151	0.623	ug/l	93
8) Diethyl Ether	3.829	74	4115	0.710	ug/l #	50
9) 1,1,2-Trichlorotrifluo...	4.208	101	5649m	0.670	ug/l	
10) Methyl Iodide	4.427	142	6515	0.630	ug/l #	61
11) Tert butyl alcohol	5.382	59	15928m	6.528	ug/l	
12) 1,1-Dichloroethene	4.181	96	5104	0.674	ug/l	96
13) Acrolein	4.041	56	1874	4.888	ug/l	88
14) Allyl chloride	4.854	41	11640m	0.696	ug/l	
15) Acrylonitrile	5.573	53	18337	2.934	ug/l	92
16) Acetone	4.299	43	24940	3.414	ug/l	98
17) Carbon Disulfide	4.527	76	10695	0.598	ug/l #	93
18) Methyl Acetate	4.867	43	19279	0.812	ug/l #	82
19) Methyl tert-butyl Ether	5.618	73	19576	0.611	ug/l #	91
20) Methylene Chloride	5.090	84	8210	0.792	ug/l #	87
21) trans-1,2-Dichloroethene	5.589	96	5613m	0.664	ug/l	
22) Diisopropyl ether	6.506	45	22054	0.612	ug/l #	78
23) Vinyl Acetate	6.439	43	73721	2.644	ug/l	98
24) 1,1-Dichloroethane	6.385	63	12550	0.683	ug/l #	93
25) 2-Butanone	7.343	43	29617	2.994	ug/l #	88
26) 2,2-Dichloropropane	7.329	77	9338	0.650	ug/l #	62
27) cis-1,2-Dichloroethene	7.327	96	6508	0.621	ug/l	77
28) Bromochloromethane	7.659	49	7492	0.797	ug/l #	76
29) Tetrahydrofuran	7.694	42	19711	3.247	ug/l #	87
30) Chloroform	7.820	83	13167	0.699	ug/l	95
31) Cyclohexane	8.088	56	34635	1.872	ug/l #	58
32) 1,1,1-Trichloroethane	8.013	97	9438	0.601	ug/l #	48
36) 1,1-Dichloropropene	8.222	75	9566	0.729	ug/l #	79
37) Ethyl Acetate	7.415	43	12341m	0.696	ug/l	
38) Carbon Tetrachloride	8.206	117	7983	0.630	ug/l	86
39) Methylcyclohexane	9.459	83	9969	0.611	ug/l #	79
40) Benzene	8.461	78	27875	0.688	ug/l #	90

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.643	41	5089	0.555	ug/l #	63
42) 1,2-Dichloroethane	8.534	62	13196	0.832	ug/l	99
43) Isopropyl Acetate	8.560	43	16962	0.595	ug/l #	92
44) Trichloroethene	9.215	130	6750	0.696	ug/l	97
45) 1,2-Dichloropropane	9.494	63	7781	0.719	ug/l	100
46) Dibromomethane	9.577	93	4717	0.651	ug/l #	87
47) Bromodichloromethane	9.767	83	8099	0.599	ug/l #	99
48) Methyl methacrylate	9.561	41	7174	0.535	ug/l	93
49) 1,4-Dioxane	9.566	88	3062	12.804	ug/l #	68
51) 4-Methyl-2-Pentanone	10.333	43	55219	3.002	ug/l	91
52) Toluene	10.505	92	16708	0.662	ug/l	100
53) t-1,3-Dichloropropene	10.717	75	6629	0.469	ug/l	93
54) cis-1,3-Dichloropropene	10.188	75	8005	0.519	ug/l	89
55) 1,1,2-Trichloroethane	10.899	97	7418	0.729	ug/l	94
56) Ethyl methacrylate	10.765	69	8847	0.525	ug/l #	75
57) 1,3-Dichloropropane	11.047	76	11269	0.630	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.044	63	8456	2.166	ug/l #	72
59) 2-Hexanone	11.089	43	35395	2.582	ug/l	93
60) Dibromochloromethane	11.237	129	4371	0.459	ug/l	85
61) 1,2-Dibromoethane	11.347	107	6062	0.588	ug/l	99
64) Tetrachloroethene	10.977	164	5942	0.720	ug/l	96
65) Chlorobenzene	11.771	112	16914	0.665	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.843	131	5539	0.627	ug/l #	67
67) Ethyl Benzene	11.846	91	29289	0.624	ug/l	92
68) m/p-Xylenes	11.956	106	20331	1.178	ug/l	99
69) o-Xylene	12.283	106	9763	0.567	ug/l	93
70) Styrene	12.299	104	14356	0.519	ug/l #	89
71) Bromoform	12.463	173	2553	0.405	ug/l #	29
73) Isopropylbenzene	12.581	105	25312	0.675	ug/l	97
74) N-amyl acetate	12.393	43	9516	0.599	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.825	83	9644	0.763	ug/l	90
76) 1,2,3-Trichloropropane	12.881	75	9185m	0.845	ug/l	
77) Bromobenzene	12.868	156	6296	0.734	ug/l	74
78) n-propylbenzene	12.921	91	26548	0.629	ug/l	96
79) 2-Chlorotoluene	13.010	91	19379	0.742	ug/l	93
80) 1,3,5-Trimethylbenzene	13.061	105	19248	0.635	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.624	75	1021m	0.315	ug/l	
82) 4-Chlorotoluene	13.109	91	17056	0.685	ug/l	92
83) tert-Butylbenzene	13.324	119	16010	0.603	ug/l	88
84) 1,2,4-Trimethylbenzene	13.372	105	17574	0.601	ug/l	98
85) sec-Butylbenzene	13.501	105	20520	0.553	ug/l	98
86) p-Isopropyltoluene	13.619	119	15852	0.538	ug/l #	82
87) 1,3-Dichlorobenzene	13.616	146	9678	0.651	ug/l	92
88) 1,4-Dichlorobenzene	13.702	146	11085m	0.760	ug/l	
89) n-Butylbenzene	13.946	91	12950	0.527	ug/l	93
90) Hexachloroethane	14.211	117	2334	0.483	ug/l	99
91) 1,2-Dichlorobenzene	13.991	146	10591	0.749	ug/l	93
92) 1,2-Dibromo-3-Chloropr...	14.606	75	765	0.374	ug/l	80
93) 1,2,4-Trichlorobenzene	15.265	180	3928	0.630	ug/l	89
94) Hexachlorobutadiene	15.373	225	2537	0.690	ug/l	91
95) Naphthalene	15.504	128	10845	0.649	ug/l #	90
96) 1,2,3-Trichlorobenzene	15.700	180	3254	0.545	ug/l #	86

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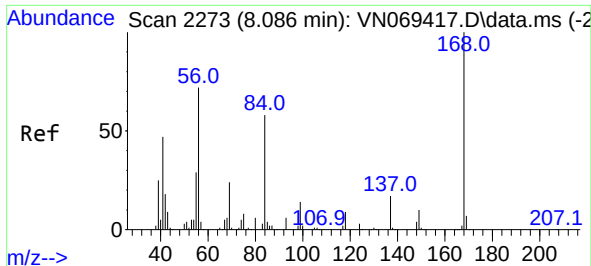
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

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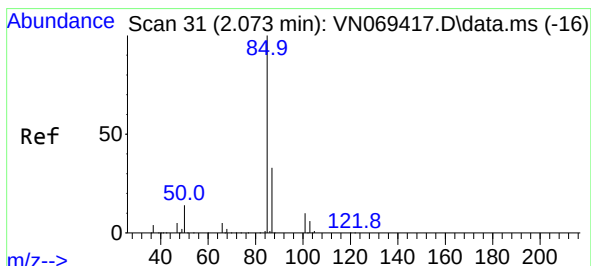
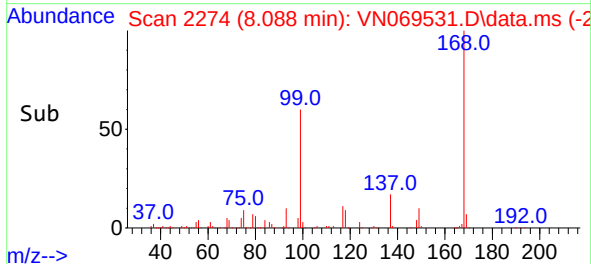
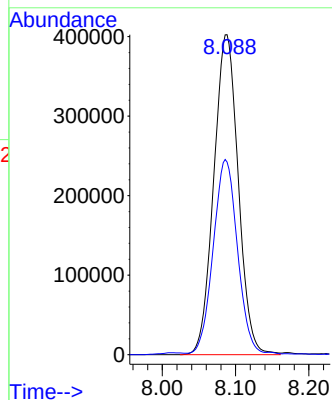
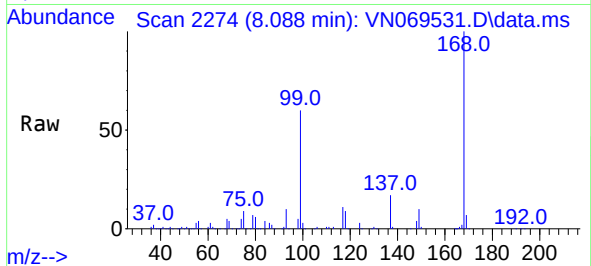
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN069531.D
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LOD-MDL-WATER-01-QT4-2021

Tgt Ion:168 Resp: 933936
Ion Ratio Lower Upper
168 100
99 59.9 41.3 61.9

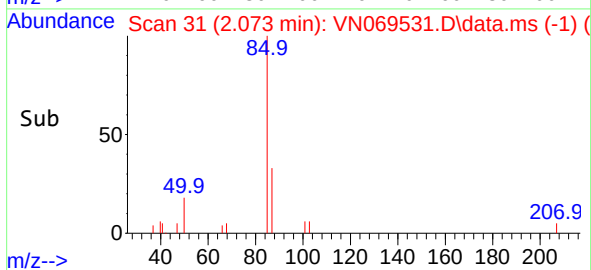
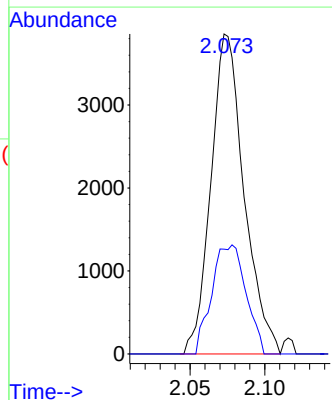
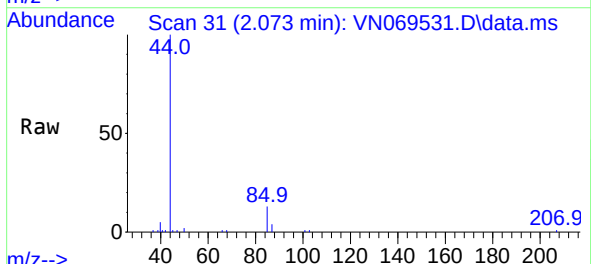
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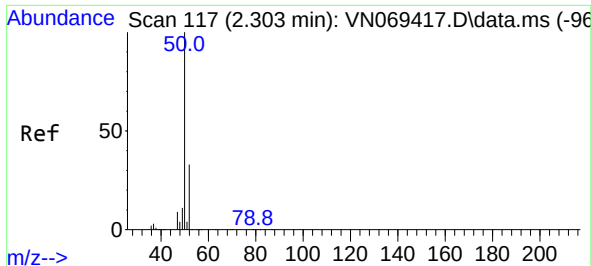
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#2
Dichlorodifluoromethane
Concen: 0.596 ug/l
RT: 2.073 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN069531.D
Acq: 17 Nov 2021 15:40

Tgt Ion: 85 Resp: 5947
Ion Ratio Lower Upper
85 100
87 32.7 16.3 48.9





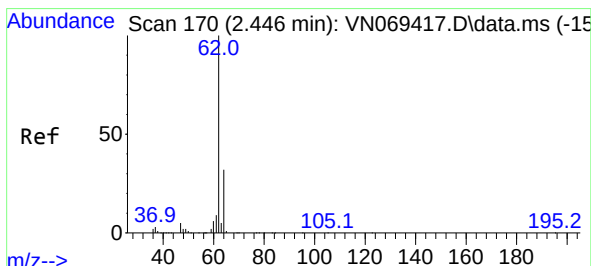
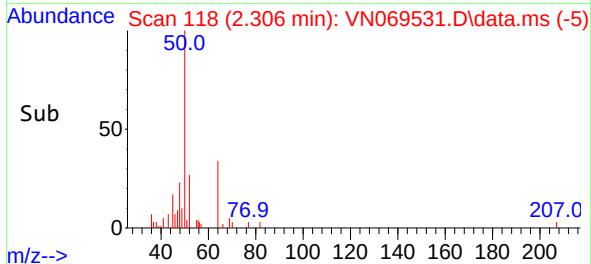
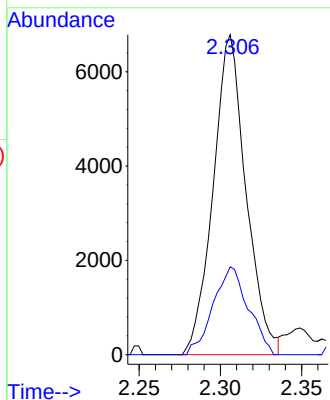
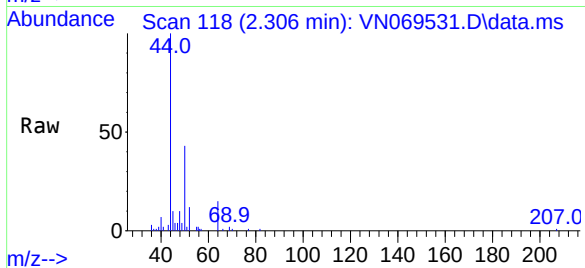
#3
Chloromethane
Concen: 0.825 ug/l
RT: 2.306 min Scan# 117
Delta R.T. 0.003 min
Lab File: VN069531.D
Acq: 17 Nov 2021 15:40

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

Tgt Ion: 50 Resp: 9540
Ion Ratio Lower Upper
50 100
52 27.5 25.4 38.0

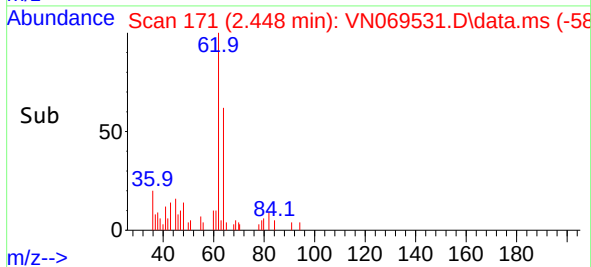
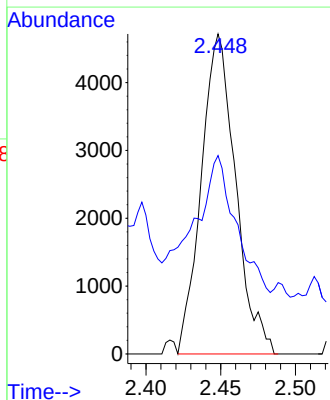
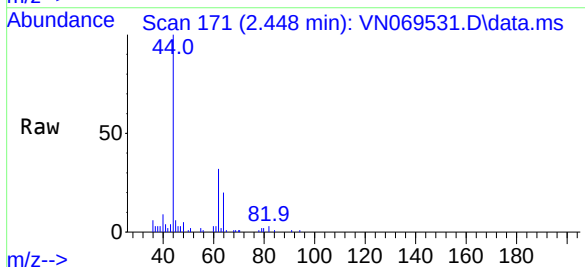
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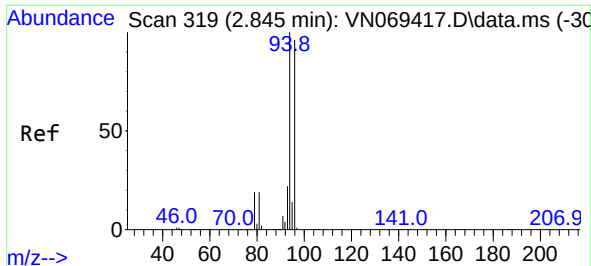
Reviewed By :John Carlone 11/18/2021
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#4
Vinyl Chloride
Concen: 0.651 ug/l
RT: 2.448 min Scan# 171
Delta R.T. 0.002 min
Lab File: VN069531.D
Acq: 17 Nov 2021 15:40

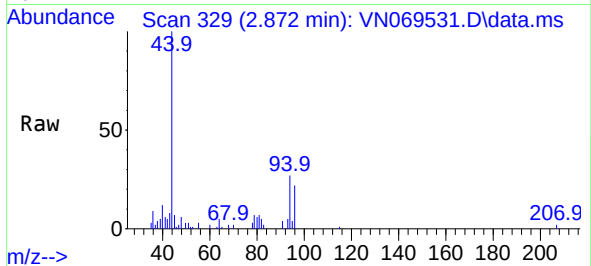
Tgt Ion: 62 Resp: 7542
Ion Ratio Lower Upper
62 100
64 39.7 25.8 38.6#





#5
Bromomethane
Concen: 0.928 ug/l
RT: 2.872 min Scan# 319
Delta R.T. 0.027 min
Lab File: VN069531.D
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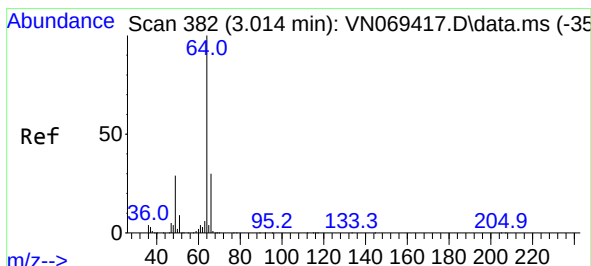
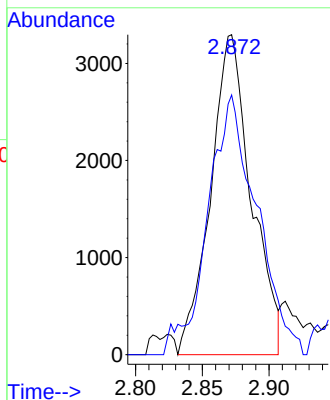
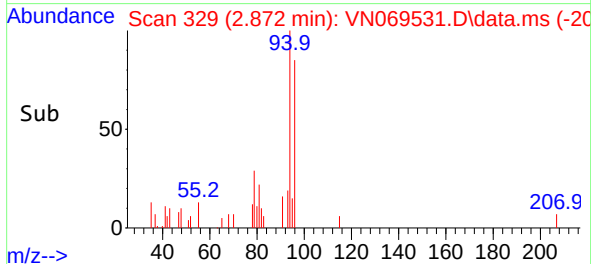
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Tgt Ion: 94 Resp: 6984
Ion Ratio Lower Upper
94 100
96 71.6 73.8 110.8

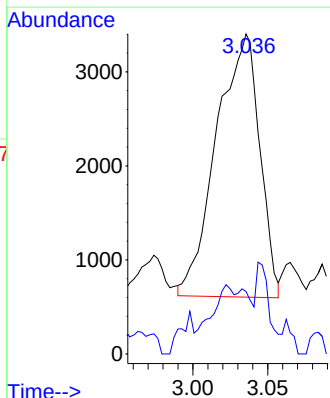
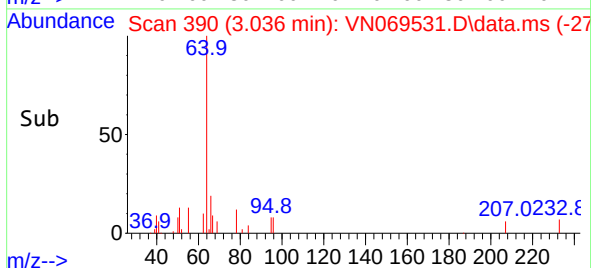
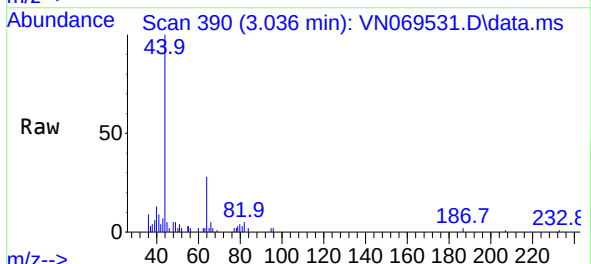
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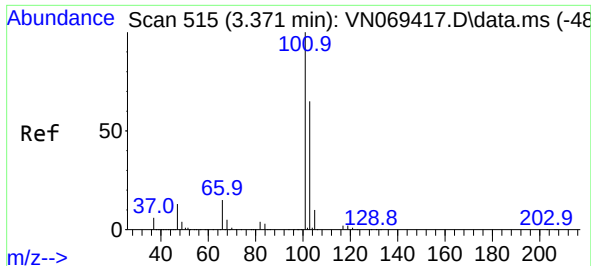
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#6
Chloroethane
Concen: 0.717 ug/l
RT: 3.036 min Scan# 390
Delta R.T. 0.022 min
Lab File: VN069531.D
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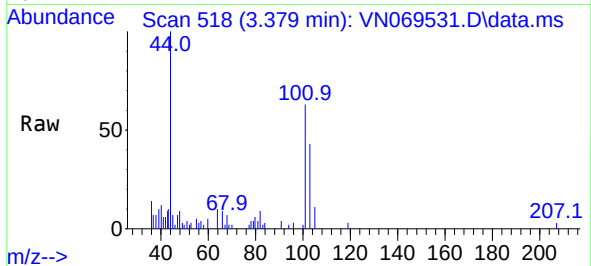
Tgt Ion: 64 Resp: 5611
Ion Ratio Lower Upper
64 100
66 17.0 26.3 39.5





#7
Trichlorofluoromethane
Concen: 0.623 ug/l
RT: 3.379 min Scan# 515
Delta R.T. 0.008 min
Lab File: VN069531.D
Acq: 17 Nov 2021 15:40

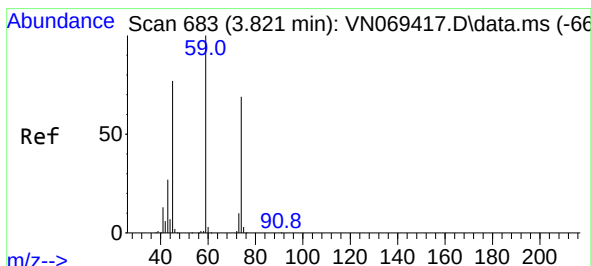
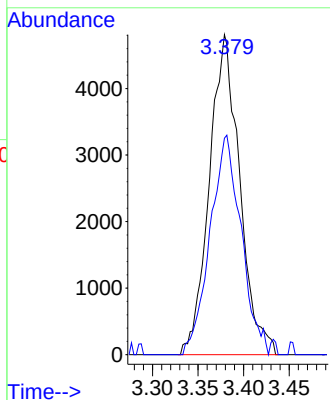
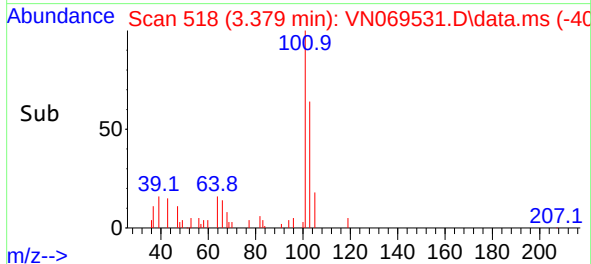
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



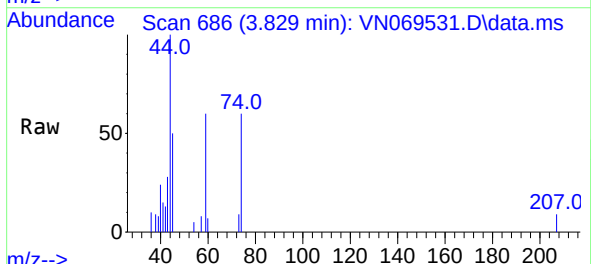
Tgt Ion:101 Resp: 1115
Ion Ratio Lower Upper
101 100
103 67.6 50.1 75.1

Manual Integrations
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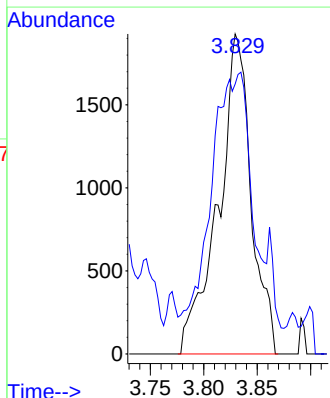
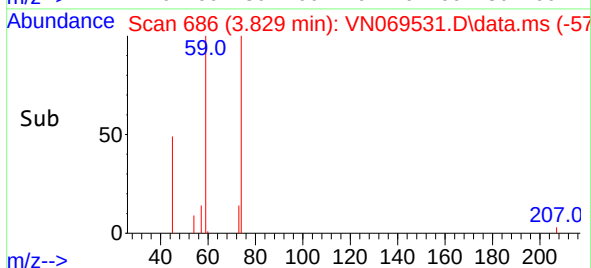
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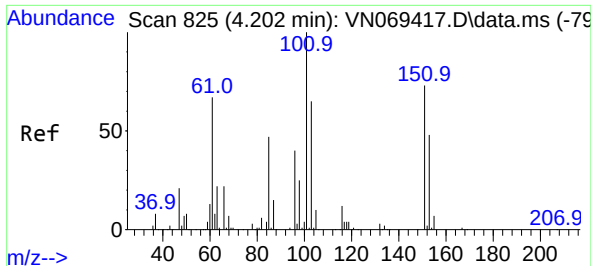


#8
Diethyl Ether
Concen: 0.710 ug/l
RT: 3.829 min Scan# 686
Delta R.T. 0.008 min
Lab File: VN069531.D
Acq: 17 Nov 2021 15:40



Tgt Ion: 74 Resp: 4115
Ion Ratio Lower Upper
74 100
45 45.4 47.0 141.2#





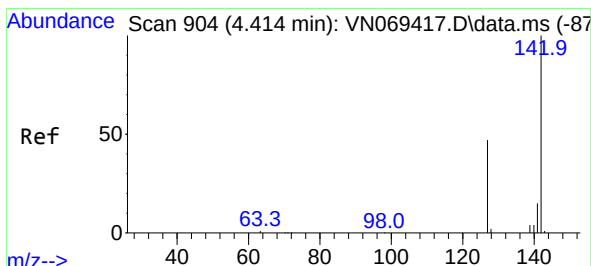
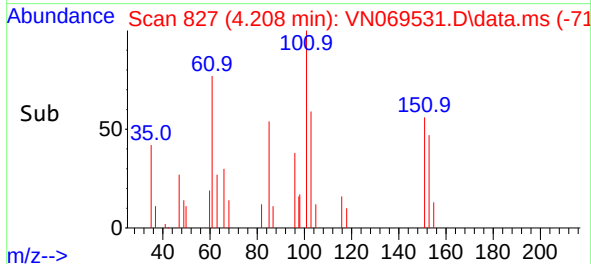
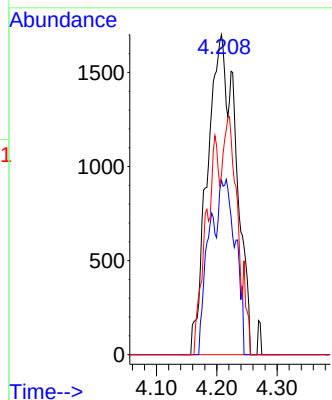
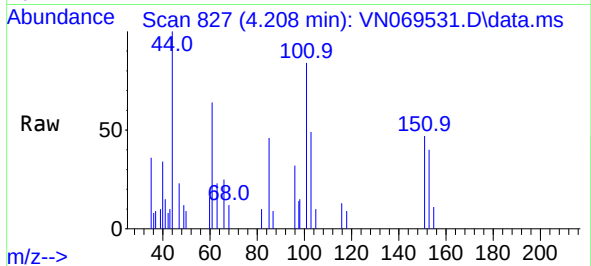
#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.670 ug/l m
RT: 4.208 min Scan# 81
Delta R.T. 0.006 min
Lab File: VN069531.D
Acq: 17 Nov 2021 15:40

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

Tgt Ion:101 Resp: 5649
Ion Ratio Lower Upper
101 100
85 31.9 37.2 55.8
151 25.3 65.9 98.9

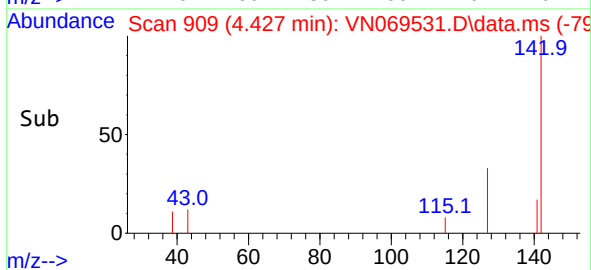
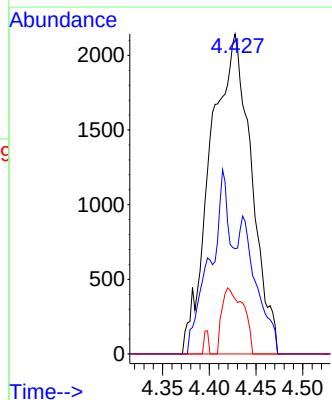
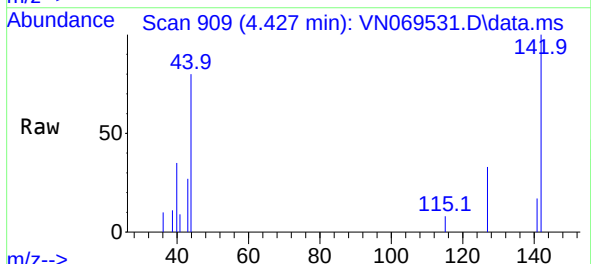
Manual Integrations
APPROVED

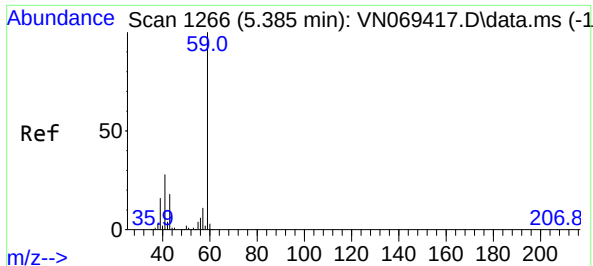
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#10
Methyl Iodide
Concen: 0.630 ug/l
RT: 4.427 min Scan# 909
Delta R.T. 0.013 min
Lab File: VN069531.D
Acq: 17 Nov 2021 15:40

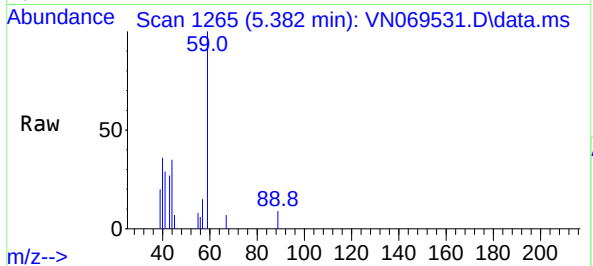
Tgt Ion:142 Resp: 6515
Ion Ratio Lower Upper
142 100
127 18.1 35.4 53.0#
141 0.0 11.6 17.4#





#11
Tert butyl alcohol
Concen: 6.528 ug/l m
RT: 5.382 min Scan# 1
Delta R.T. -0.003 min
Lab File: VN069531.D
Acq: 17 Nov 2021 15:40

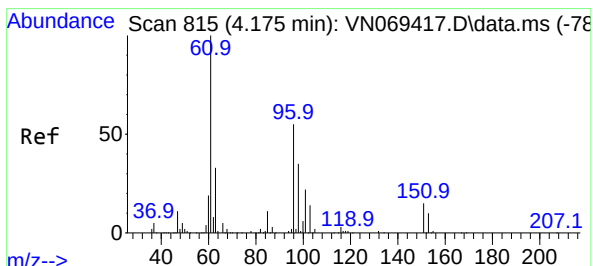
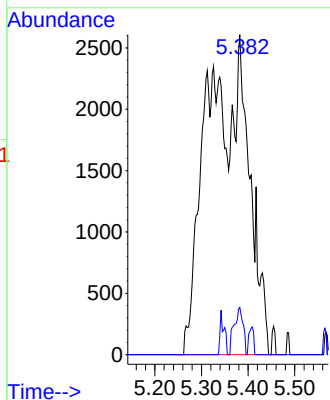
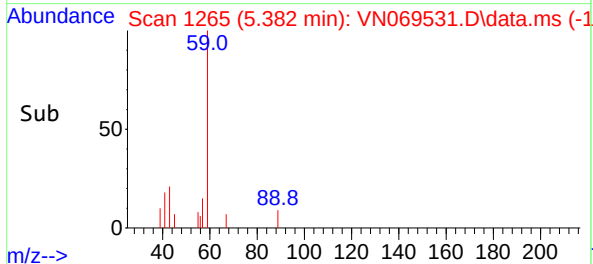
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



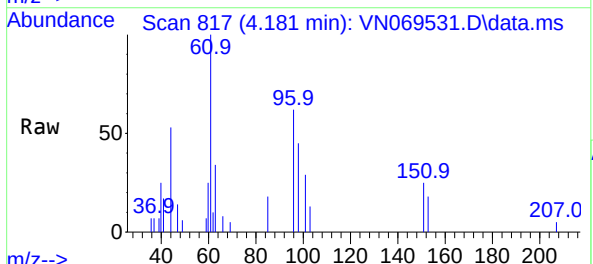
Tgt Ion: 59 Resp: 15928
Ion Ratio Lower Upper
59 100
57 3.3 8.7 13.1

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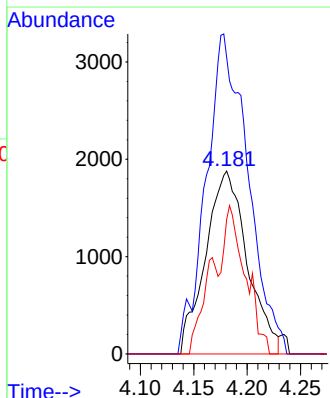
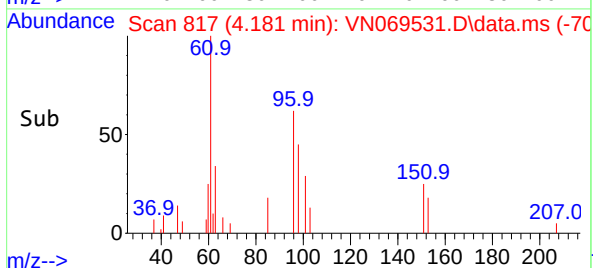
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

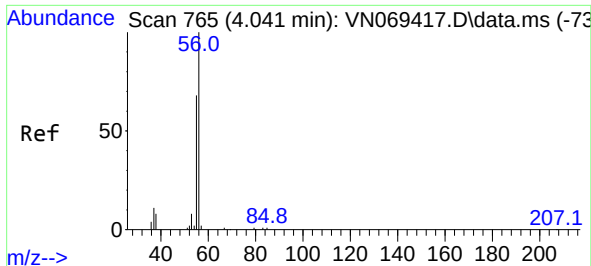


#12
1,1-Dichloroethene
Concen: 0.674 ug/l
RT: 4.181 min Scan# 817
Delta R.T. 0.006 min
Lab File: VN069531.D
Acq: 17 Nov 2021 15:40



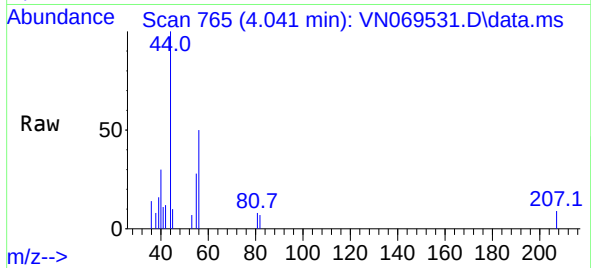
Tgt Ion: 96 Resp: 5104
Ion Ratio Lower Upper
96 100
61 162.2 131.0 196.6
98 73.7 52.4 78.6





#13
Acrolein
Concen: 4.888 ug/l
RT: 4.041 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN069531.D
Acq: 17 Nov 2021 15:40

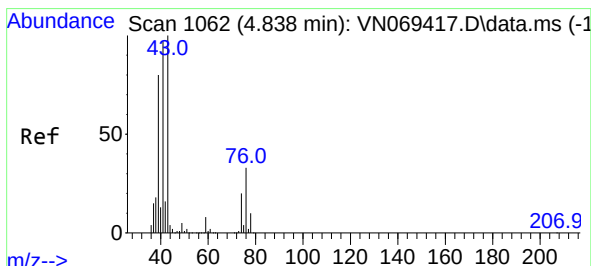
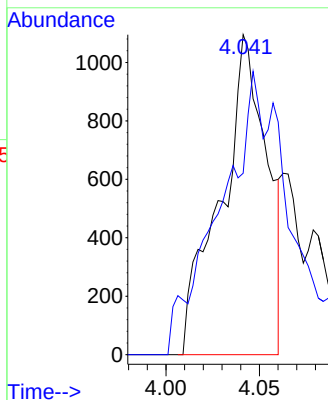
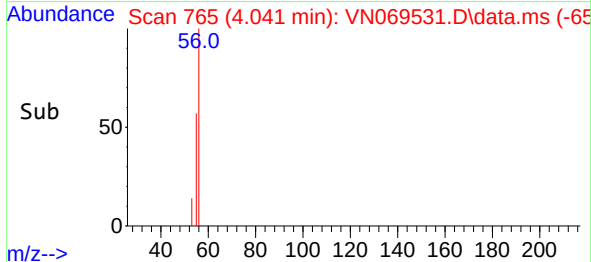
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



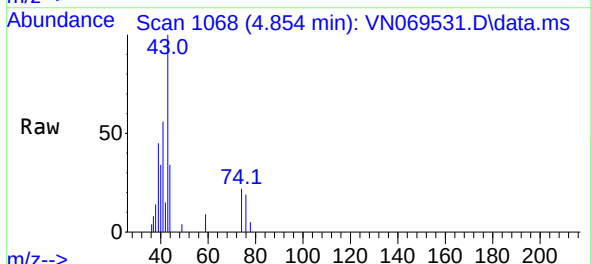
Tgt Ion: 56 Resp: 1874
Ion Ratio Lower Upper
56 100
55 81.1 56.6 85.0

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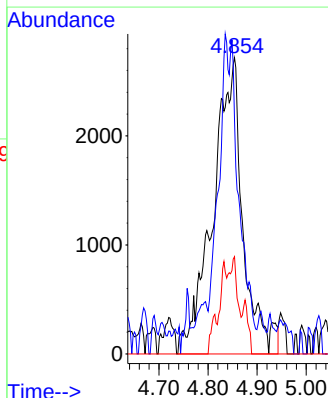
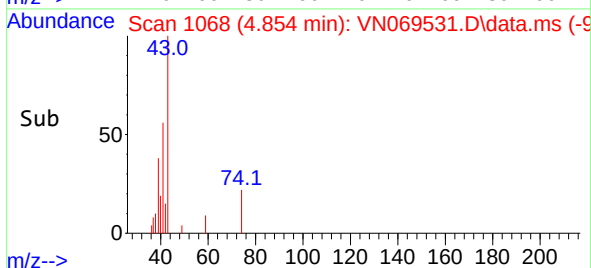
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

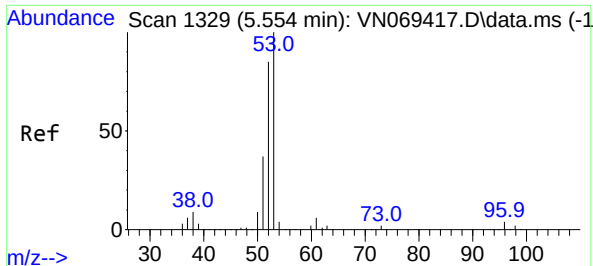


#14
Allyl chloride
Concen: 0.696 ug/l m
RT: 4.854 min Scan# 1068
Delta R.T. 0.016 min
Lab File: VN069531.D
Acq: 17 Nov 2021 15:40



Tgt Ion: 41 Resp: 11640
Ion Ratio Lower Upper
41 100
39 30.1 61.2 91.8#
76 3.5 26.0 39.0#





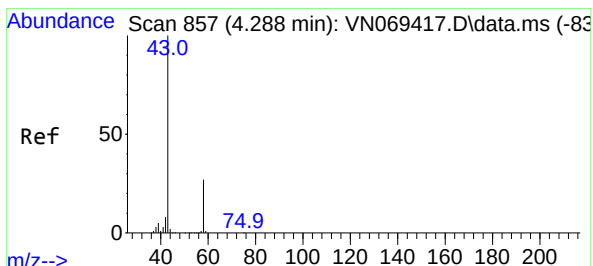
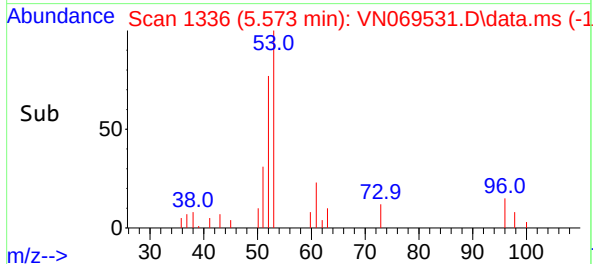
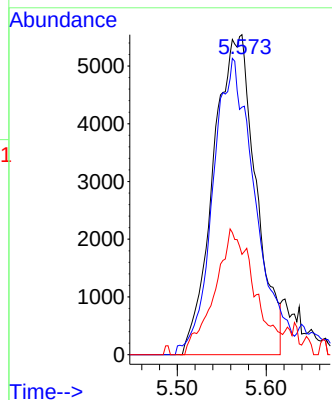
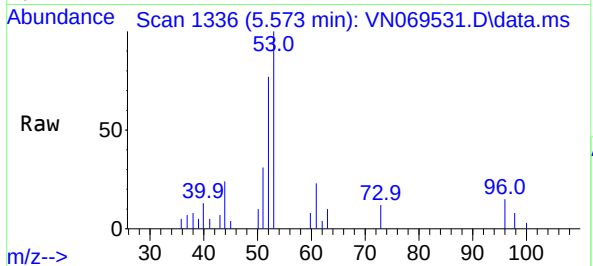
#15
Acrylonitrile
Concen: 2.934 ug/l
RT: 5.573 min Scan# 11
Delta R.T. 0.019 min
Lab File: VN069531.D
Acq: 17 Nov 2021 15:40

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

Tgt Ion: 53 Resp: 1833
Ion Ratio Lower Upper
53 100
52 92.5 66.2 99.2
51 37.0 29.6 44.4

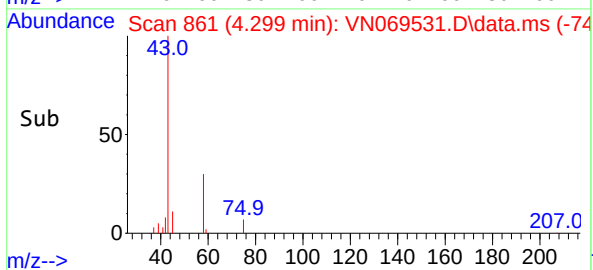
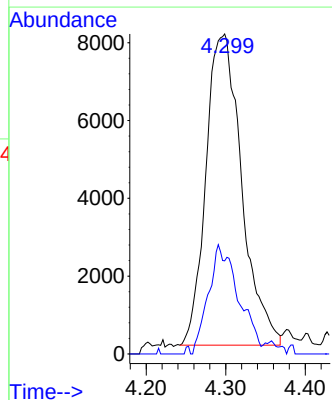
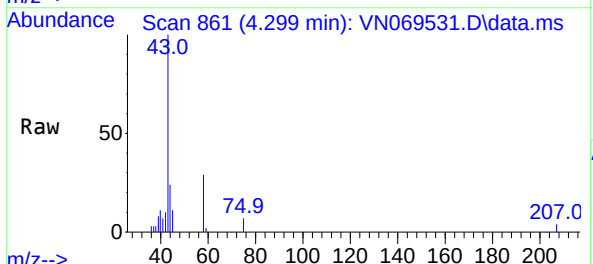
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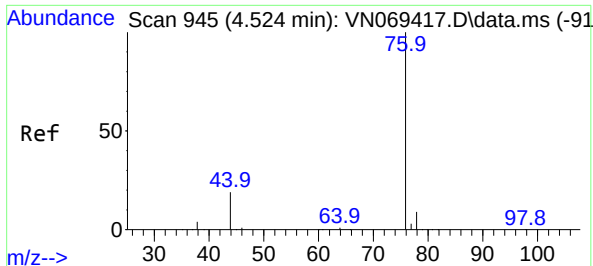
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#16
Acetone
Concen: 3.414 ug/l
RT: 4.299 min Scan# 861
Delta R.T. 0.011 min
Lab File: VN069531.D
Acq: 17 Nov 2021 15:40

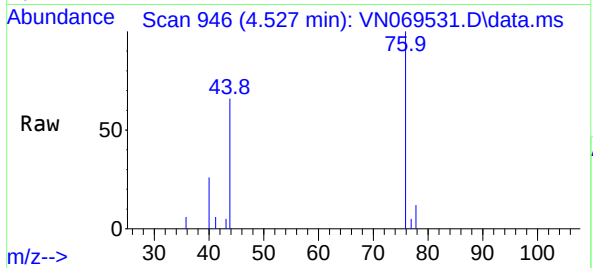
Tgt Ion: 43 Resp: 24940
Ion Ratio Lower Upper
43 100
58 29.9 23.1 34.7





#17
Carbon Disulfide
Concen: 0.598 ug/l
RT: 4.527 min Scan# 945
Delta R.T. 0.003 min
Lab File: VN069531.D
Acq: 17 Nov 2021 15:40

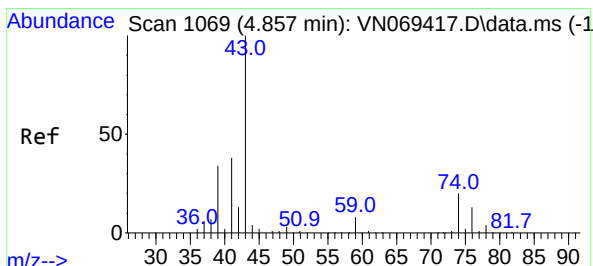
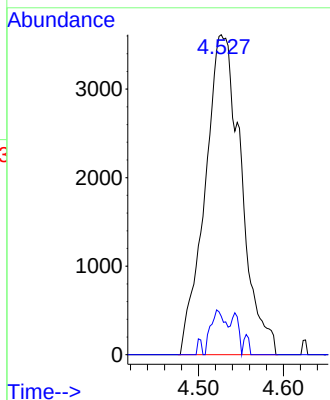
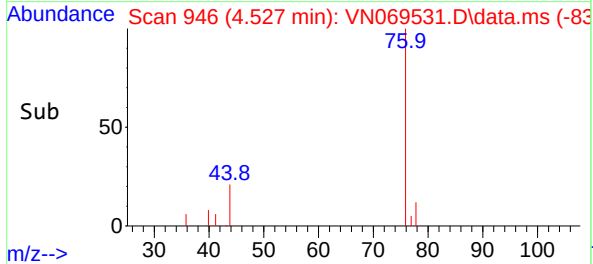
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



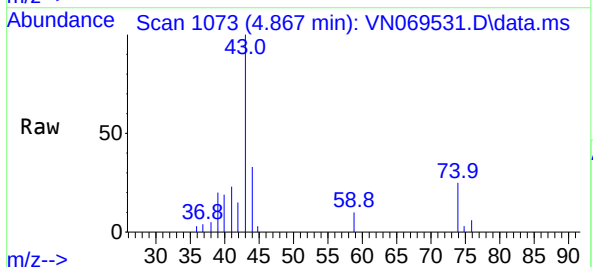
Tgt Ion: 76 Resp: 1069
Ion Ratio Lower Upper
76 100
78 12.0 7.5 11.3

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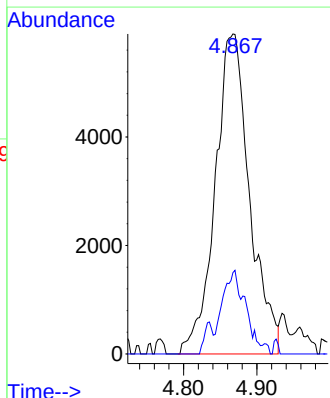
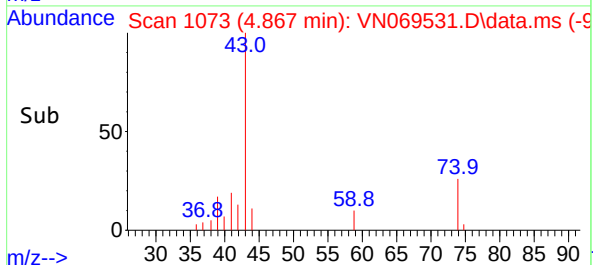
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

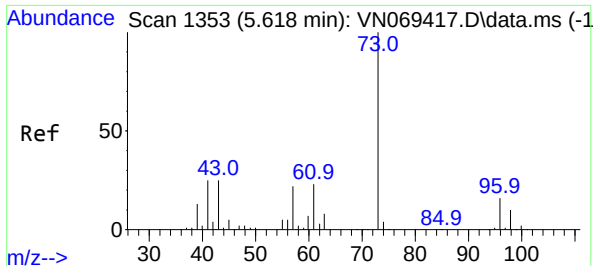


#18
Methyl Acetate
Concen: 0.812 ug/l
RT: 4.867 min Scan# 1073
Delta R.T. 0.010 min
Lab File: VN069531.D
Acq: 17 Nov 2021 15:40



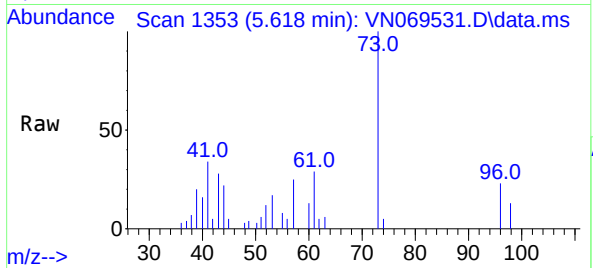
Tgt Ion: 43 Resp: 19279
Ion Ratio Lower Upper
43 100
74 15.4 19.4 29.2





#19
Methyl tert-butyl Ether
Concen: 0.611 ug/l
RT: 5.618 min Scan# 1156
Delta R.T. 0.000 min
Lab File: VN069531.D
Acq: 17 Nov 2021 15:40

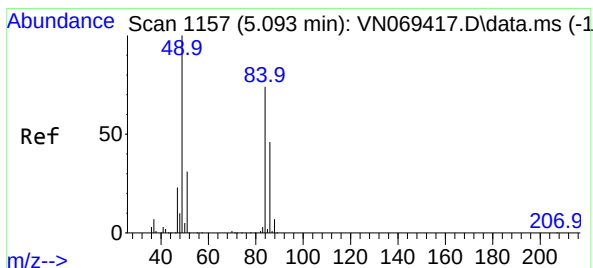
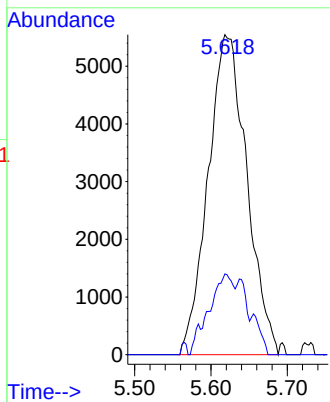
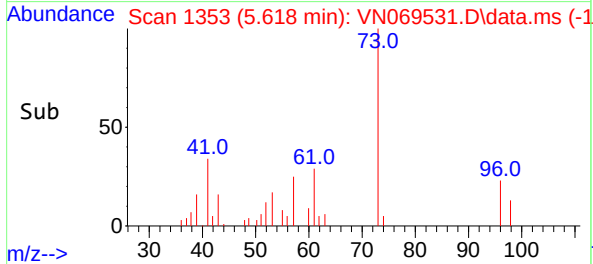
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT4-2021



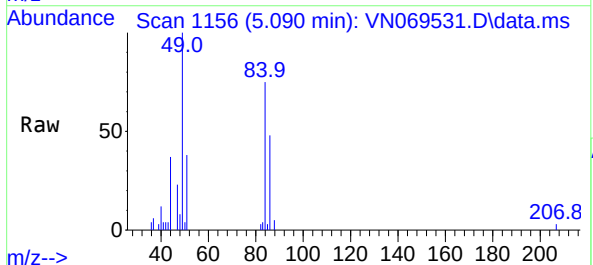
Tgt Ion: 73 Resp: 19570
Ion Ratio Lower Upper
73 100
57 25.2 16.8 25.2

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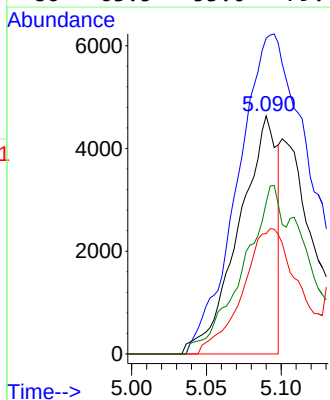
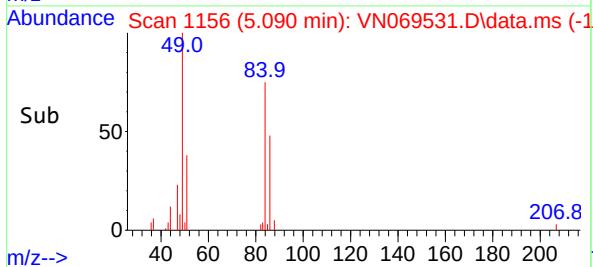
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

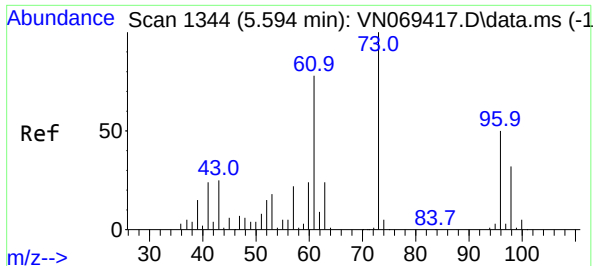


#20
Methylene Chloride
Concen: 0.792 ug/l
RT: 5.090 min Scan# 1156
Delta R.T. -0.003 min
Lab File: VN069531.D
Acq: 17 Nov 2021 15:40



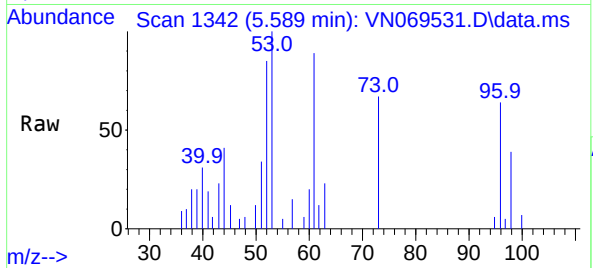
Tgt Ion: 84 Resp: 8210
Ion Ratio Lower Upper
84 100
49 132.7 93.5 140.3
51 50.5 29.4 44.2#
86 63.5 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 0.664 ug/l m
RT: 5.589 min Scan# 11
Delta R.T. -0.005 min
Lab File: VN069531.D
Acq: 17 Nov 2021 15:40

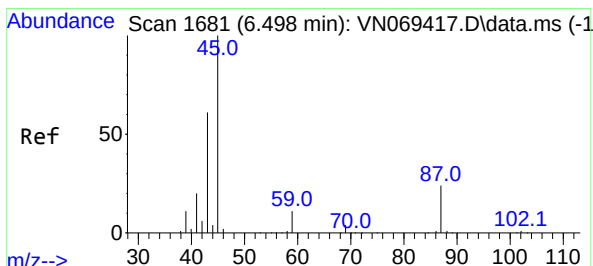
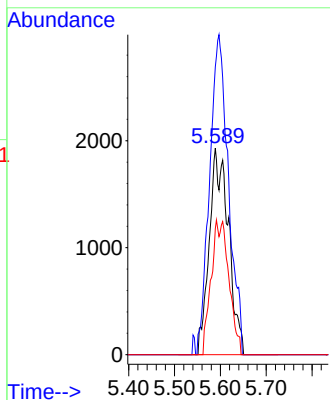
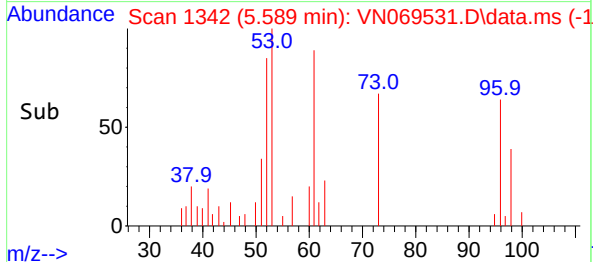
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



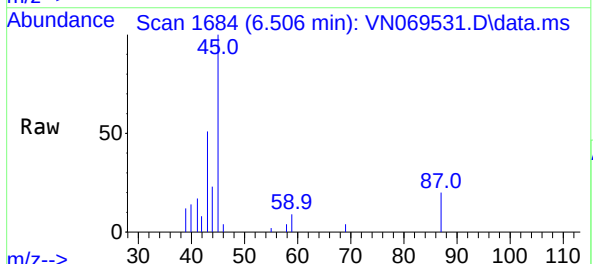
Tgt Ion: 96 Resp: 561
Ion Ratio Lower Upper
96 100
61 139.4 105.8 158.6
98 61.1 52.0 78.0

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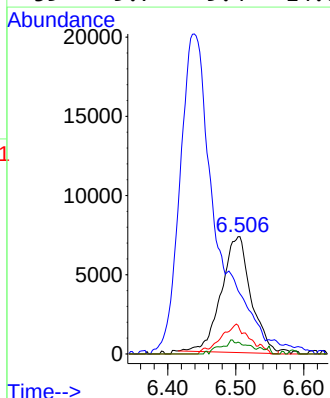
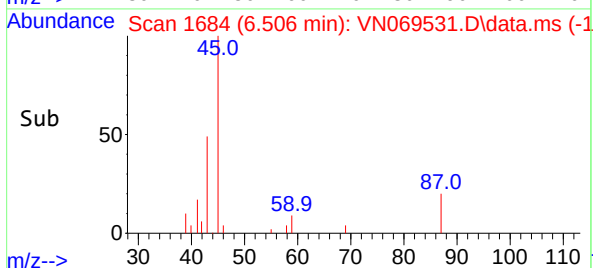
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

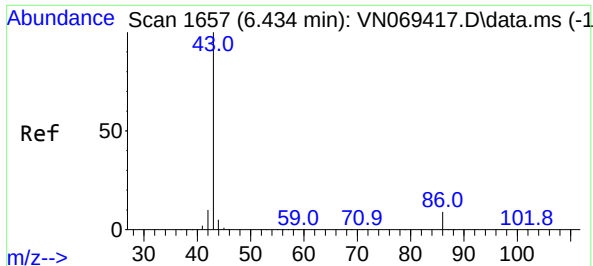


#22
Diisopropyl ether
Concen: 0.612 ug/l
RT: 6.506 min Scan# 1684
Delta R.T. 0.008 min
Lab File: VN069531.D
Acq: 17 Nov 2021 15:40



Tgt Ion: 45 Resp: 22054
Ion Ratio Lower Upper
45 100
43 43.1 51.7 77.5#
87 20.9 23.2 34.8#
59 9.7 9.4 14.0





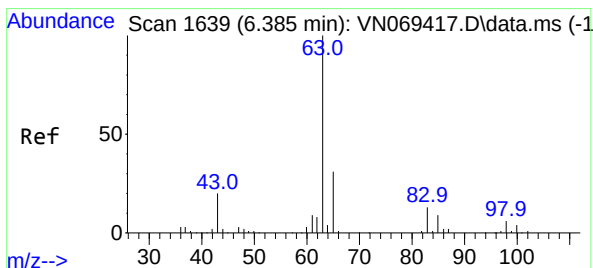
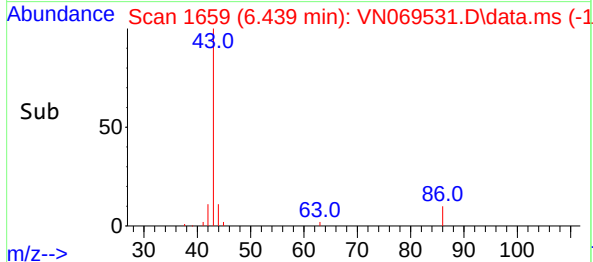
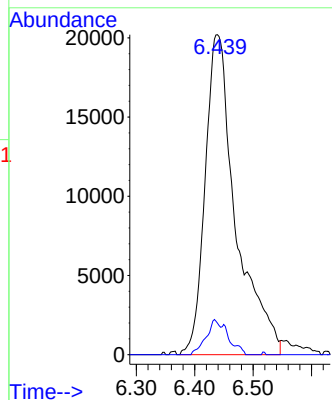
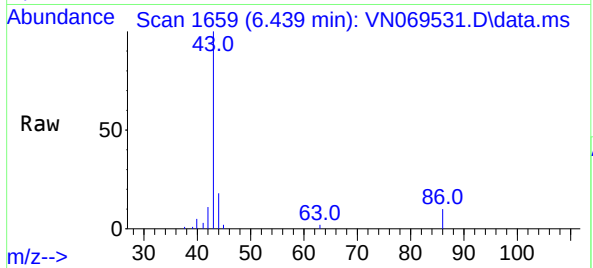
#23
 Vinyl Acetate
 Concen: 2.644 ug/l
 RT: 6.439 min Scan# 1659
 Delta R.T. 0.005 min
 Lab File: VN069531.D
 Acq: 17 Nov 2021 15:40

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

Tgt Ion: 43 Resp: 7372
 Ion Ratio Lower Upper
 43 100
 86 9.8 8.5 12.7

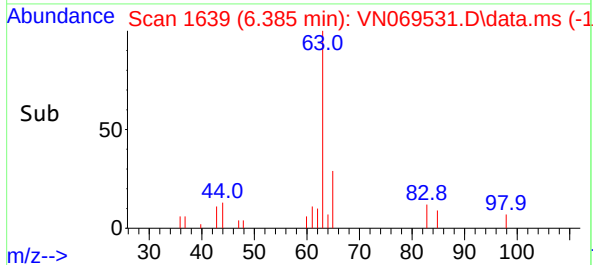
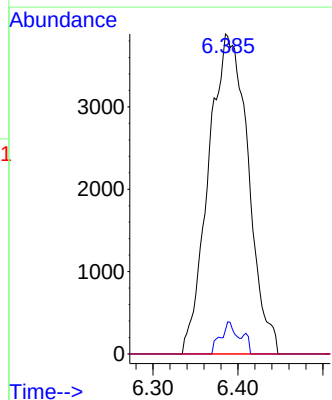
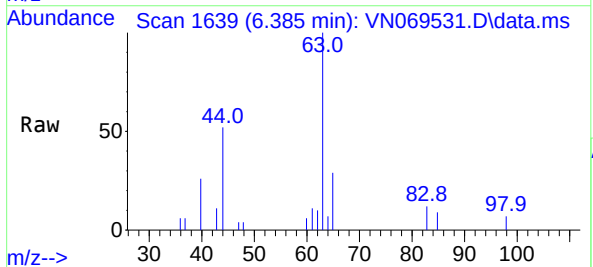
Manual Integrations
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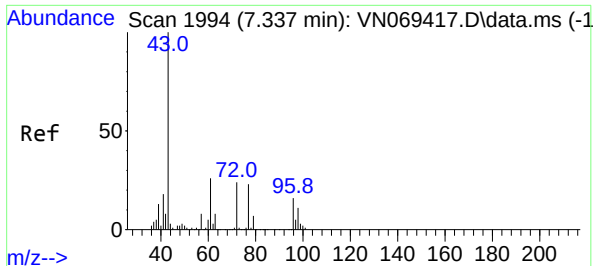
Reviewed By :John Carlone 11/18/2021
 Supervised By :Mahesh Dadoda 11/18/2021



#24
 1,1-Dichloroethane
 Concen: 0.683 ug/l
 RT: 6.385 min Scan# 1639
 Delta R.T. 0.000 min
 Lab File: VN069531.D
 Acq: 17 Nov 2021 15:40

Tgt Ion: 63 Resp: 12550
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.3 9.9
 100 0.0 2.1 6.5





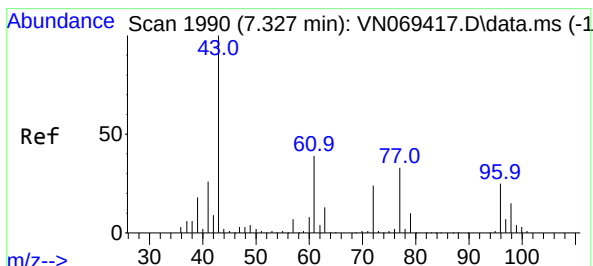
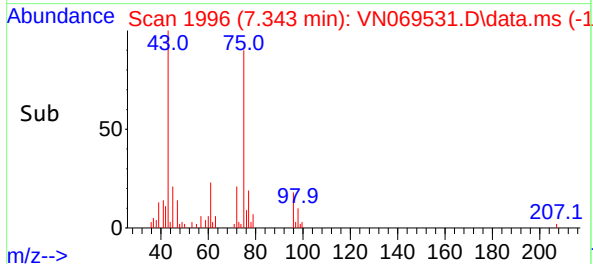
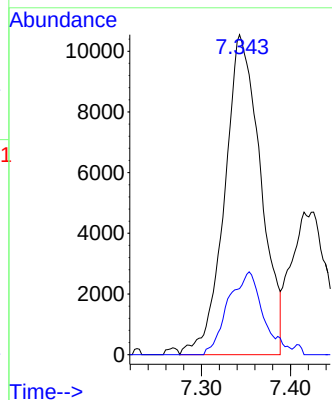
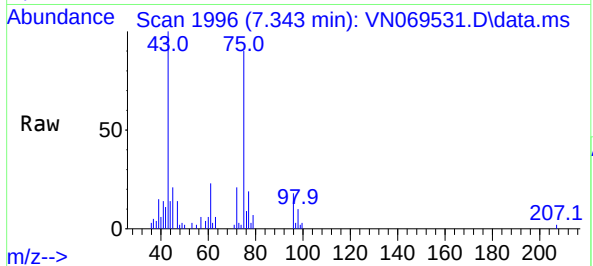
#25
2-Butanone
Concen: 2.994 ug/l
RT: 7.343 min Scan# 1996
Delta R.T. 0.006 min
Lab File: VN069531.D
Acq: 17 Nov 2021 15:40

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

Tgt Ion: 43 Resp: 2961
Ion Ratio Lower Upper
43 100
72 20.7 21.7 32.5

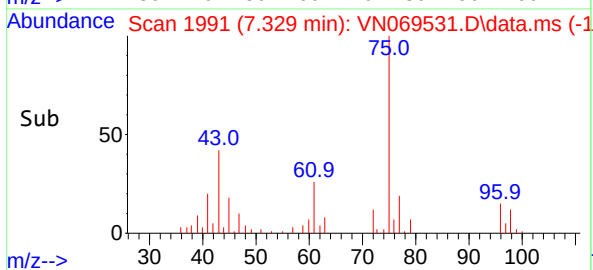
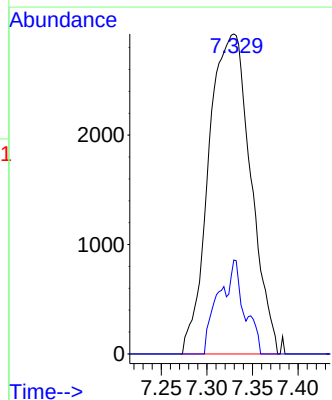
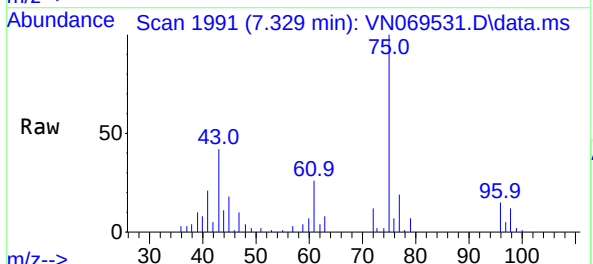
Manual Integrations
APPROVED

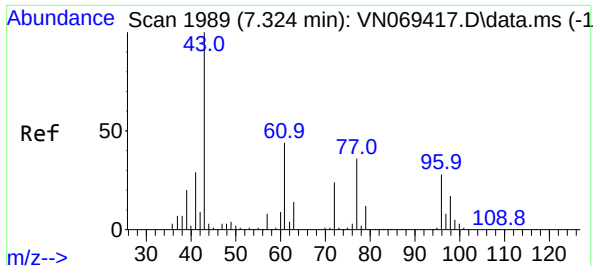
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#26
2,2-Dichloropropane
Concen: 0.650 ug/l
RT: 7.329 min Scan# 1991
Delta R.T. 0.002 min
Lab File: VN069531.D
Acq: 17 Nov 2021 15:40

Tgt Ion: 77 Resp: 9338
Ion Ratio Lower Upper
77 100
97 4.9 11.6 34.8





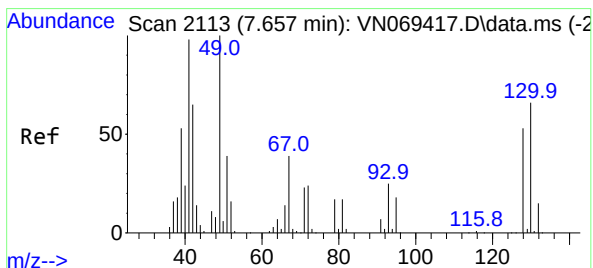
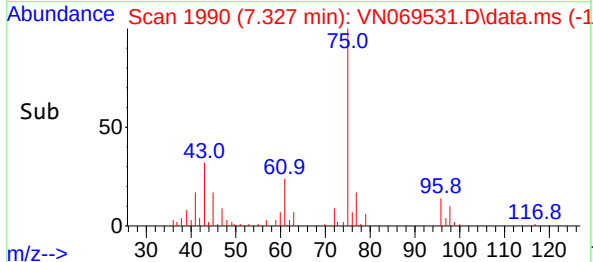
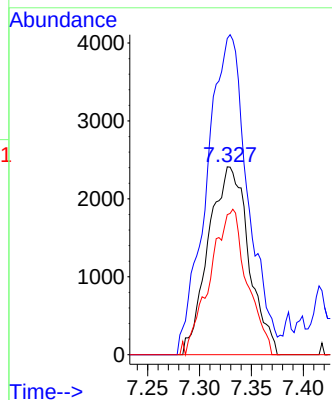
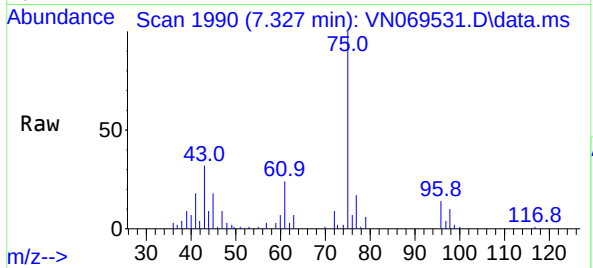
#27
 cis-1,2-Dichloroethene
 Concen: 0.621 ug/l
 RT: 7.327 min Scan# 1989
 Delta R.T. 0.003 min
 Lab File: VN069531.D
 Acq: 17 Nov 2021 15:40

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

Tgt Ion: 96 Resp: 6508
 Ion Ratio Lower Upper
 96 100
 61 174.2 0.0 275.0
 98 71.0 0.0 129.6

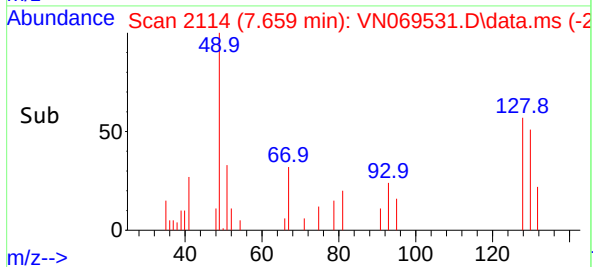
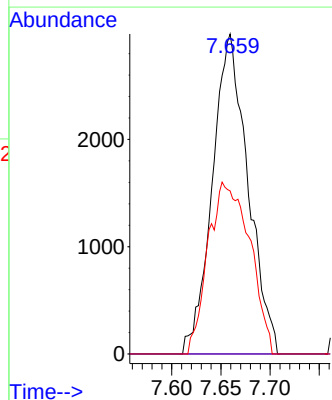
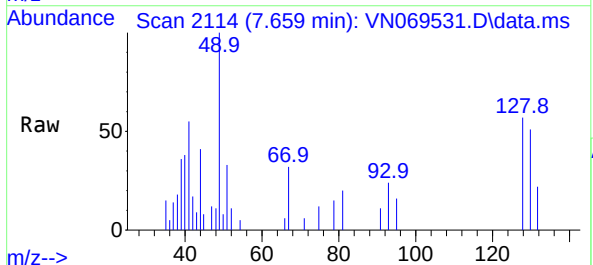
Manual Integrations
 APPROVED

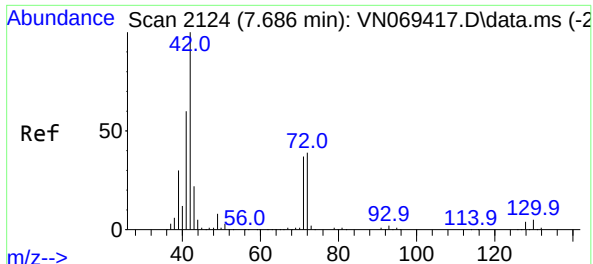
Reviewed By :John Carlone 11/18/2021
 Supervised By :Mahesh Dadoda 11/18/2021



#28
 Bromochloromethane
 Concen: 0.797 ug/l
 RT: 7.659 min Scan# 2114
 Delta R.T. 0.002 min
 Lab File: VN069531.D
 Acq: 17 Nov 2021 15:40

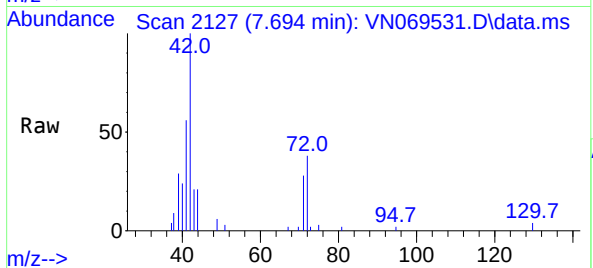
Tgt Ion: 49 Resp: 7492
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 4.0
 130 63.0 67.8 101.8#





#29
Tetrahydrofuran
Concen: 3.247 ug/l
RT: 7.694 min Scan# 2127
Delta R.T. 0.008 min
Lab File: VN069531.D
Acq: 17 Nov 2021 15:40

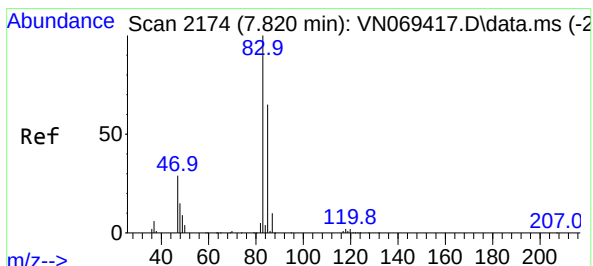
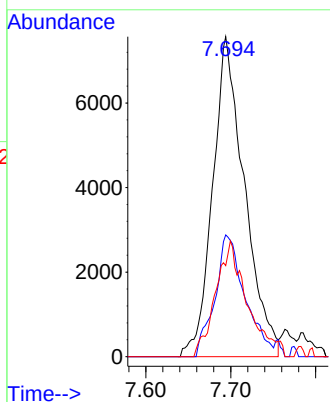
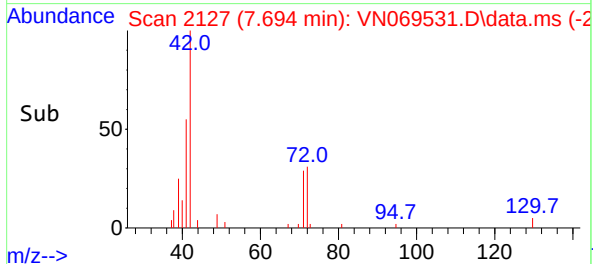
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT4-2021



Tgt Ion: 42 Resp: 1971
Ion Ratio Lower Upper
42 100
72 36.0 36.3 54.5
71 35.8 34.7 52.1

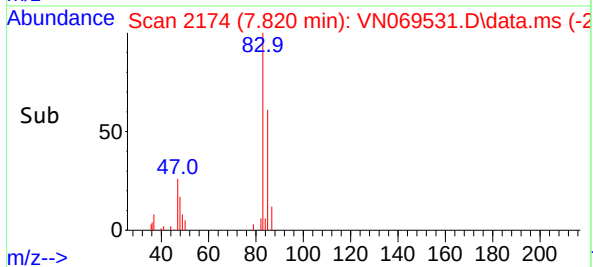
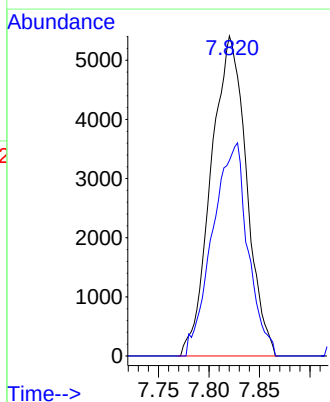
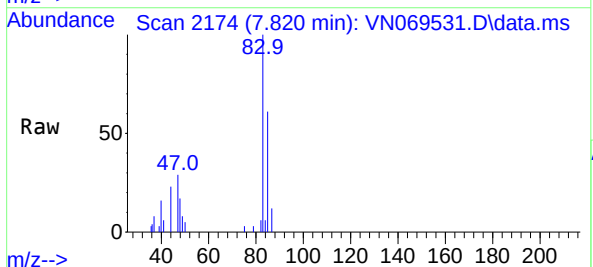
Manual Integrations
APPROVED

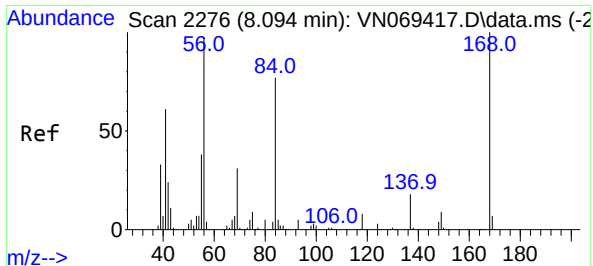
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#30
Chloroform
Concen: 0.699 ug/l
RT: 7.820 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN069531.D
Acq: 17 Nov 2021 15:40

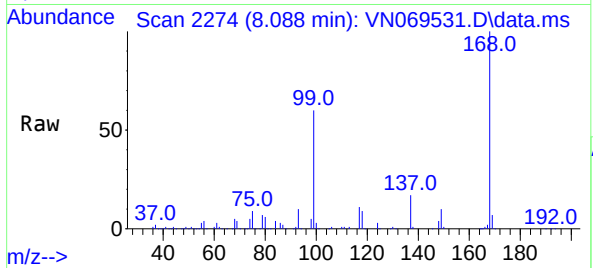
Tgt Ion: 83 Resp: 13167
Ion Ratio Lower Upper
83 100
85 61.1 51.9 77.9





#31
Cyclohexane
Concen: 1.872 ug/l
RT: 8.088 min Scan# 2276
Delta R.T. -0.006 min
Lab File: VN069531.D
Acq: 17 Nov 2021 15:40

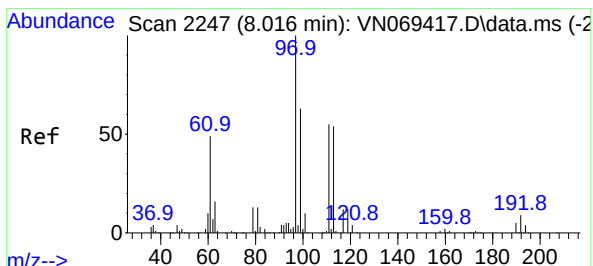
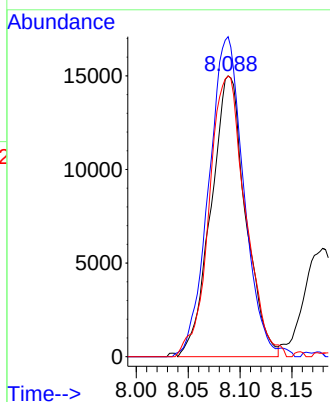
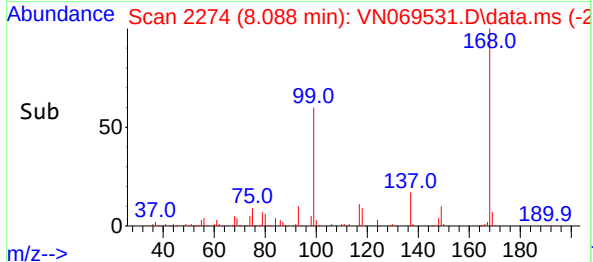
Instrument : MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



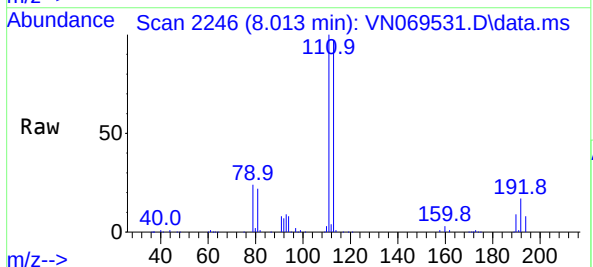
Tgt Ion: 56 Resp: 3463
Ion Ratio Lower Upper
56 100
69 112.5 27.1 40.7
84 98.7 73.4 110.0

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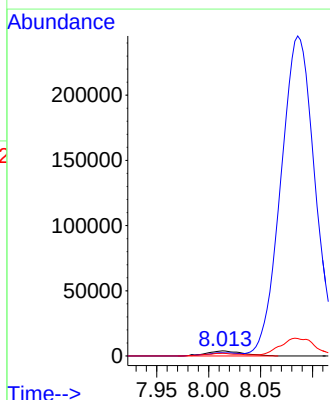
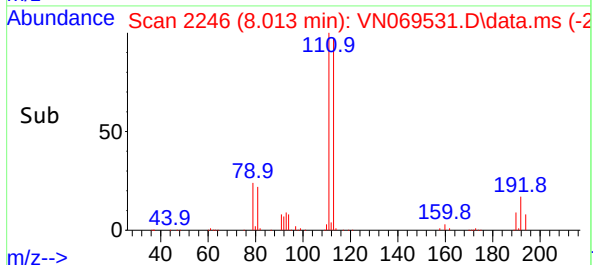
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

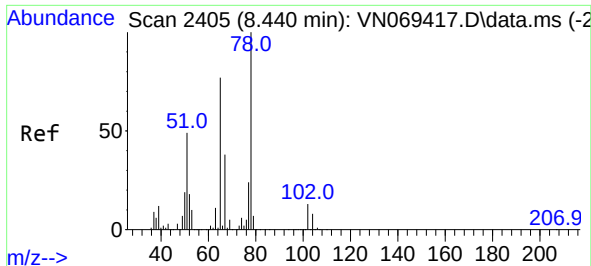


#32
1,1,1-Trichloroethane
Concen: 0.601 ug/l
RT: 8.013 min Scan# 2246
Delta R.T. -0.003 min
Lab File: VN069531.D
Acq: 17 Nov 2021 15:40



Tgt Ion: 97 Resp: 9438
Ion Ratio Lower Upper
97 100
99 0.0 50.1 75.1
61 51.3 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 55.495 ug/l

RT: 8.437 min Scan# 2405

Delta R.T. -0.003 min

Lab File: VN069531.D

Acq: 17 Nov 2021 15:40

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2021

Tgt Ion: 65 Resp: 751492

Ion Ratio Lower Upper

65 100

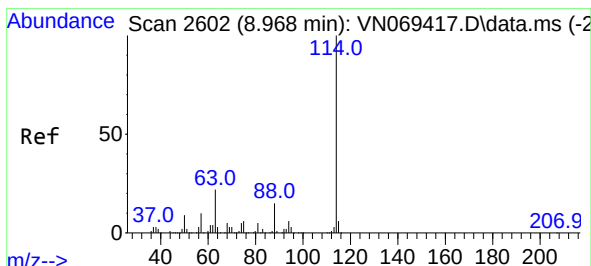
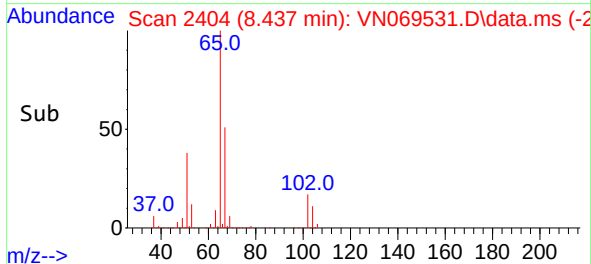
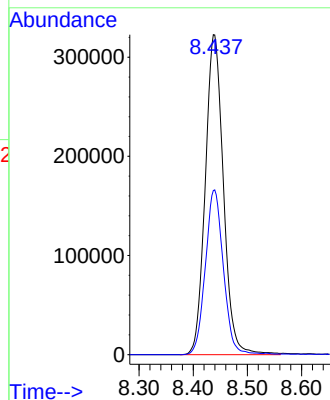
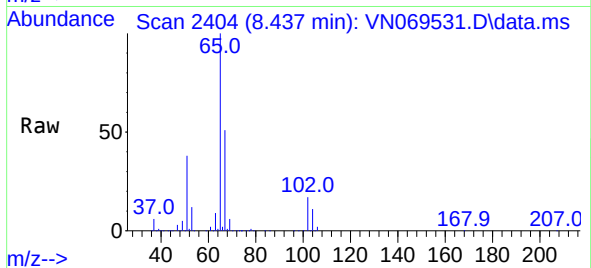
67 51.0 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2021

Supervised By :Mahesh Dadoda 11/18/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. 0.000 min

Lab File: VN069531.D

Acq: 17 Nov 2021 15:40

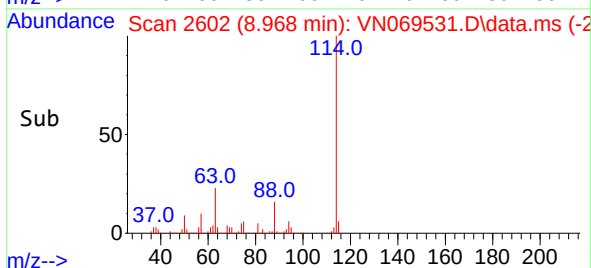
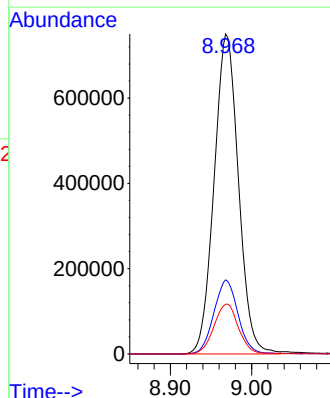
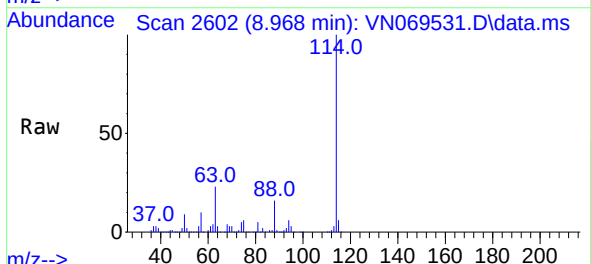
Tgt Ion:114 Resp: 1559910

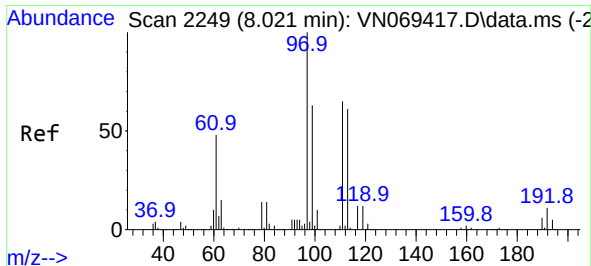
Ion Ratio Lower Upper

114 100

63 23.1 0.0 37.8

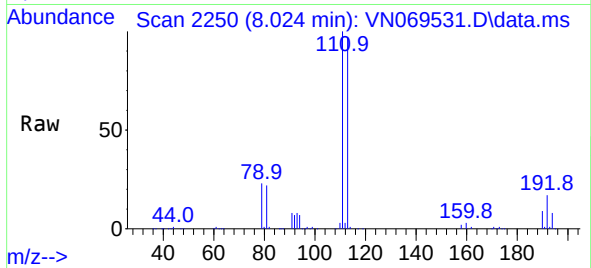
88 15.6 0.0 27.4





#35
Dibromofluoromethane
Concen: 53.785 ug/l
RT: 8.024 min Scan# 2113
Delta R.T. 0.003 min
Lab File: VN069531.D
Acq: 17 Nov 2021 15:40

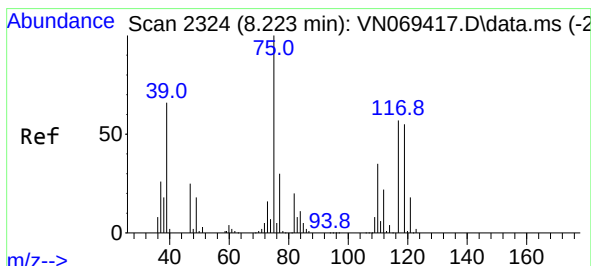
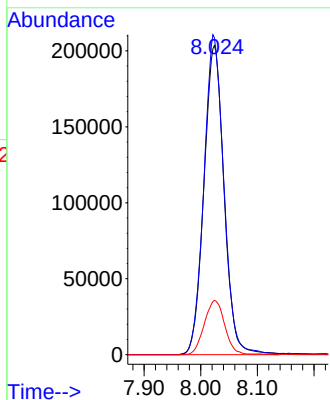
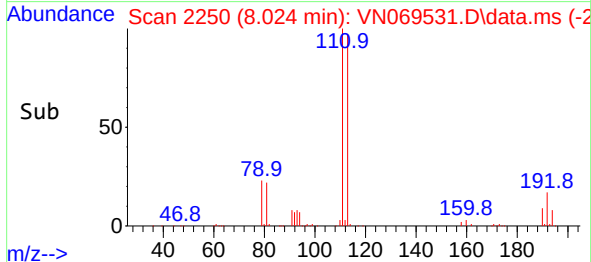
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



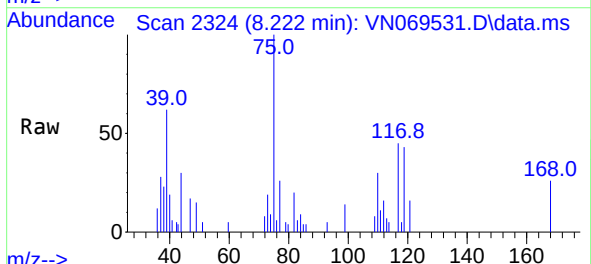
Tgt Ion: 113 Resp: 50319
Ion Ratio Lower Upper
113 100
111 102.4 82.2 123.2
192 17.8 16.9 25.3

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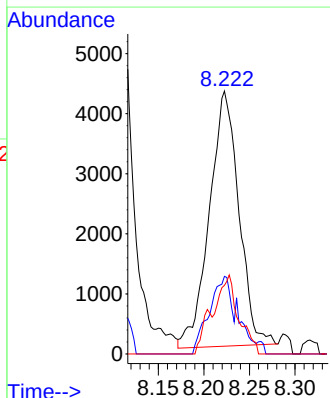
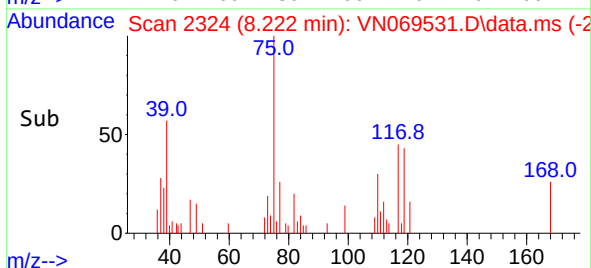
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

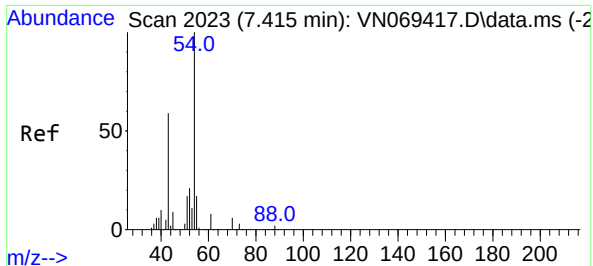


#36
1,1-Dichloropropene
Concen: 0.729 ug/l
RT: 8.222 min Scan# 2324
Delta R.T. -0.001 min
Lab File: VN069531.D
Acq: 17 Nov 2021 15:40



Tgt Ion: 75 Resp: 9566
Ion Ratio Lower Upper
75 100
110 22.4 18.4 55.2
77 21.5 24.4 36.6





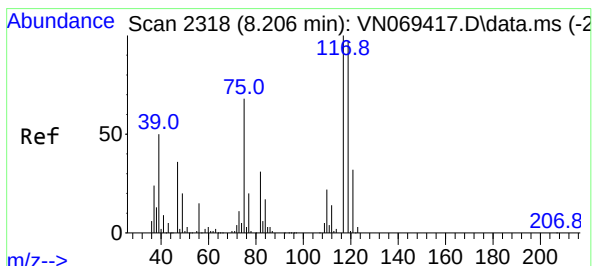
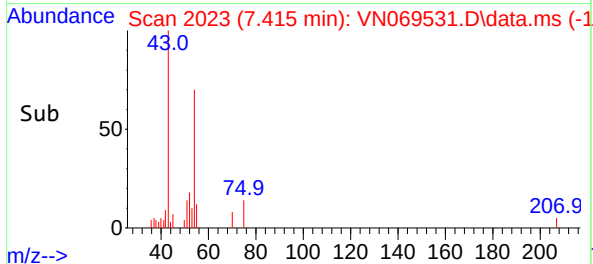
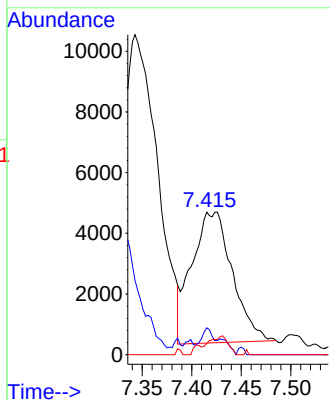
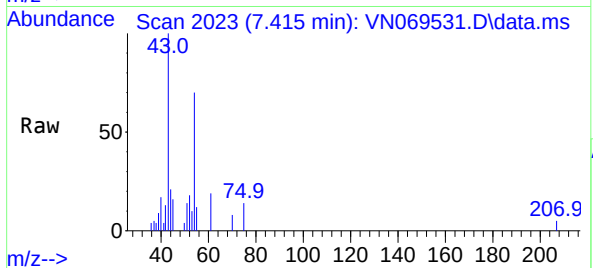
#37
Ethyl Acetate
Concen: 0.696 ug/l m
RT: 7.415 min Scan# 2023
Delta R.T. 0.000 min
Lab File: VN069531.D
Acq: 17 Nov 2021 15:40

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

Tgt Ion: 43 Resp: 1234
Ion Ratio Lower Upper
43 100
61 3.0 11.5 17.3
70 1.4 7.9 11.9

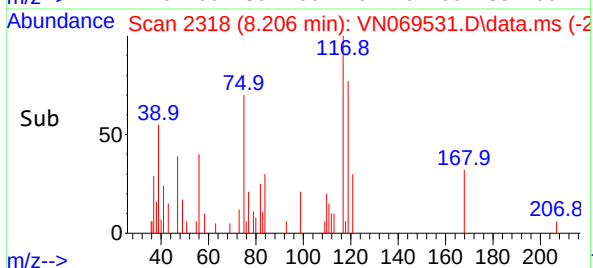
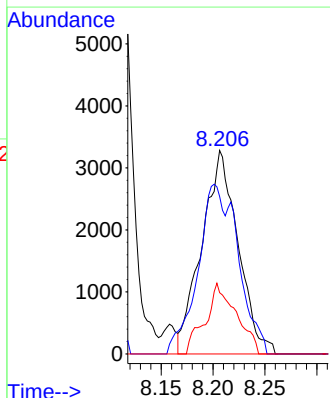
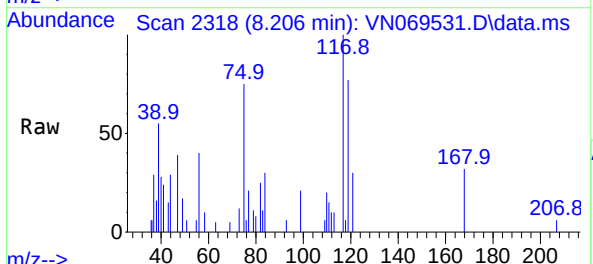
Manual Integrations
APPROVED

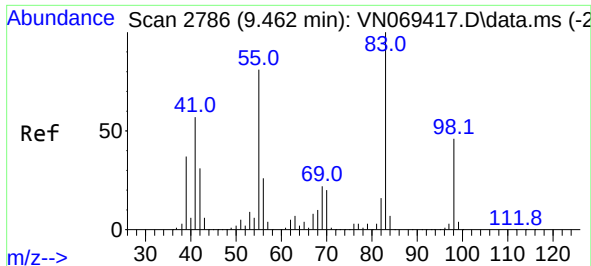
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#38
Carbon Tetrachloride
Concen: 0.630 ug/l
RT: 8.206 min Scan# 2318
Delta R.T. 0.000 min
Lab File: VN069531.D
Acq: 17 Nov 2021 15:40

Tgt Ion: 117 Resp: 7983
Ion Ratio Lower Upper
117 100
119 77.4 76.1 114.1
121 30.1 24.2 36.2





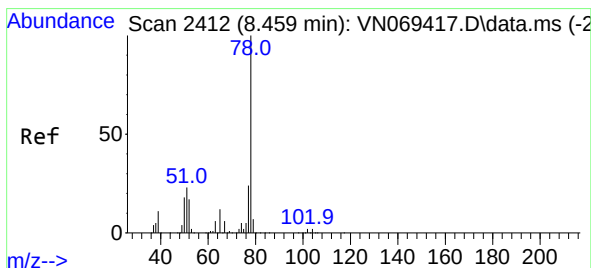
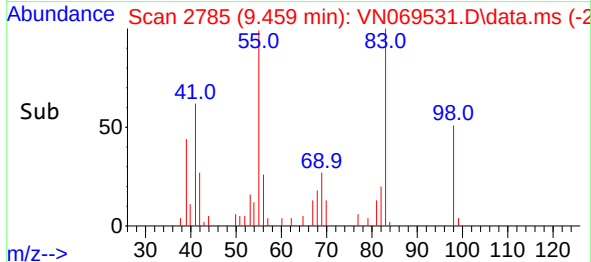
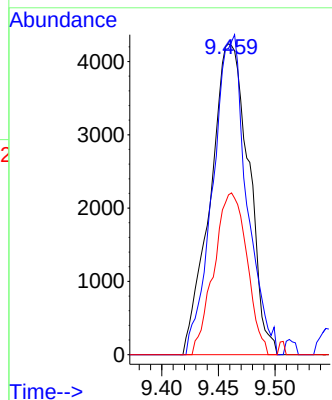
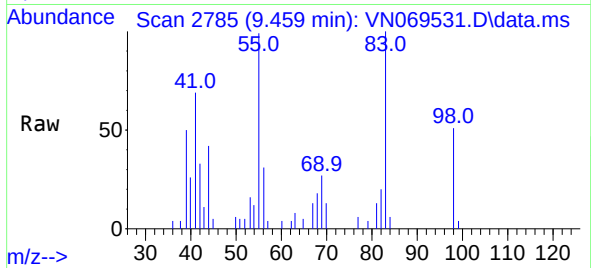
#39
Methylcyclohexane
Concen: 0.611 ug/l
RT: 9.459 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN069531.D
Acq: 17 Nov 2021 15:40

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

Tgt Ion: 83 Resp: 996
Ion Ratio Lower Upper
83 100
55 98.5 58.1 87.1
98 51.4 38.4 57.6

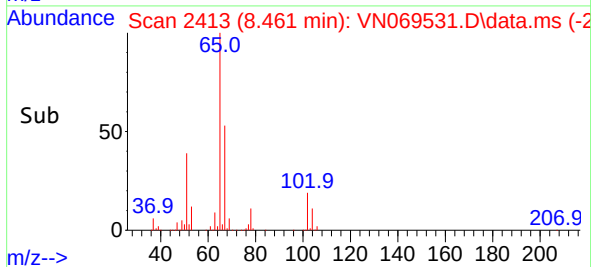
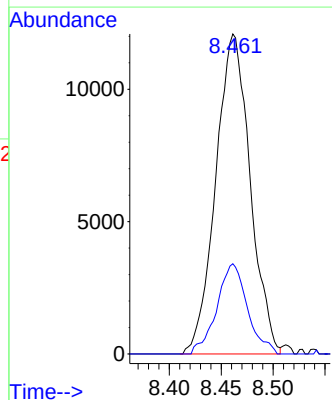
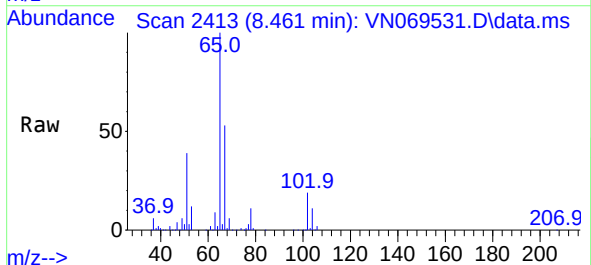
Manual Integrations
APPROVED

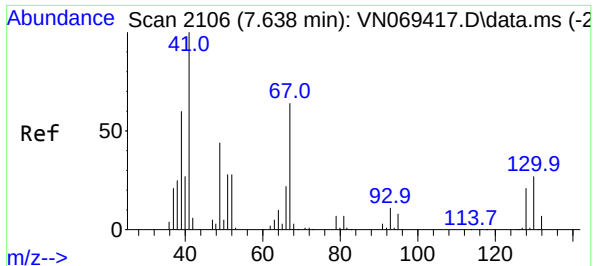
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#40
Benzene
Concen: 0.688 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.002 min
Lab File: VN069531.D
Acq: 17 Nov 2021 15:40

Tgt Ion: 78 Resp: 27875
Ion Ratio Lower Upper
78 100
77 28.2 18.6 27.8





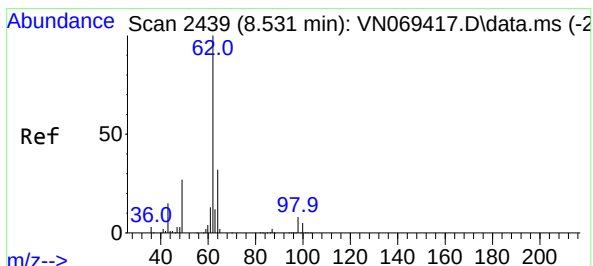
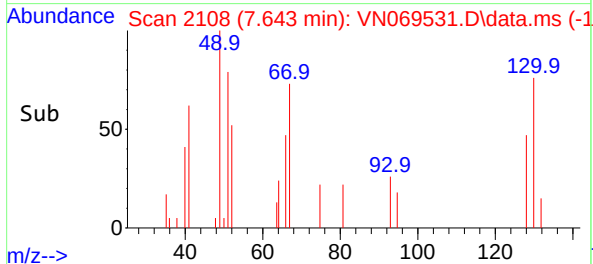
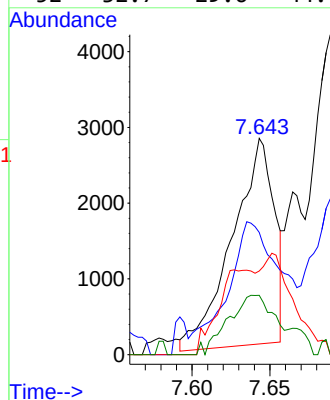
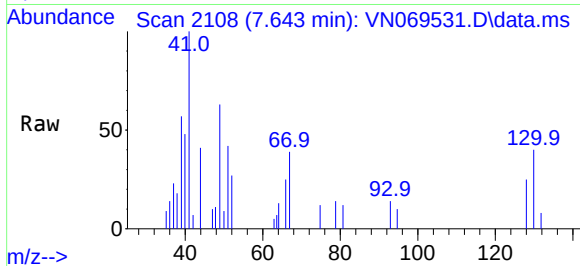
#41
Methacrylonitrile
Concen: 0.555 ug/l
RT: 7.643 min Scan# 2106
Delta R.T. 0.005 min
Lab File: VN069531.D
Acq: 17 Nov 2021 15:40

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

Tgt Ion: 41 Resp: 5089
Ion Ratio Lower Upper
41 100
39 67.9 48.1 72.1
67 21.9 68.3 102.5
52 32.7 29.6 44.4

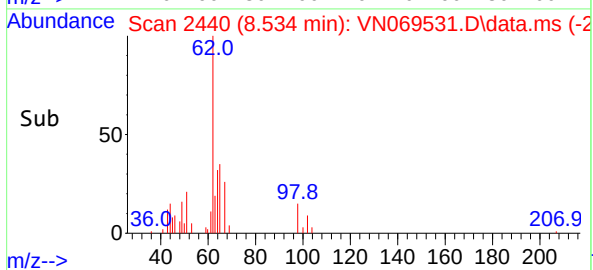
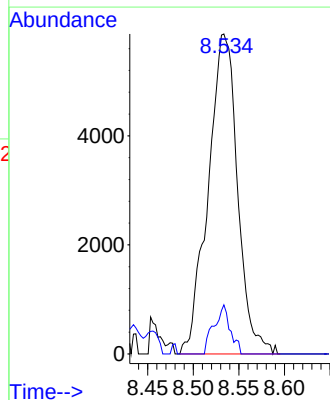
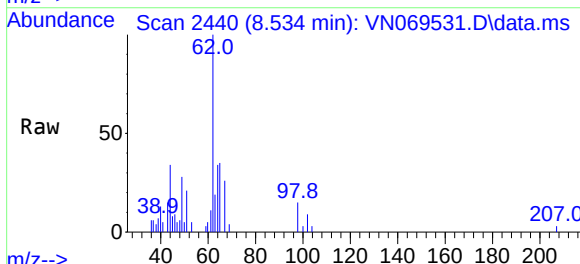
Manual Integrations
APPROVED

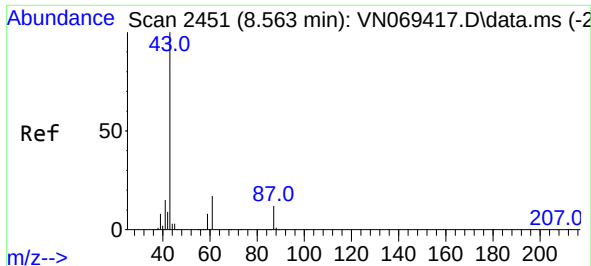
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#42
1,2-Dichloroethane
Concen: 0.832 ug/l
RT: 8.534 min Scan# 2440
Delta R.T. 0.003 min
Lab File: VN069531.D
Acq: 17 Nov 2021 15:40

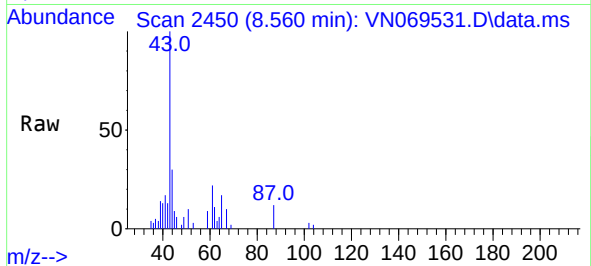
Tgt Ion: 62 Resp: 13196
Ion Ratio Lower Upper
62 100
98 8.4 0.0 17.6





#43
Isopropyl Acetate
Concen: 0.595 ug/l
RT: 8.560 min Scan# 2451
Delta R.T. -0.003 min
Lab File: VN069531.D
Acq: 17 Nov 2021 15:40

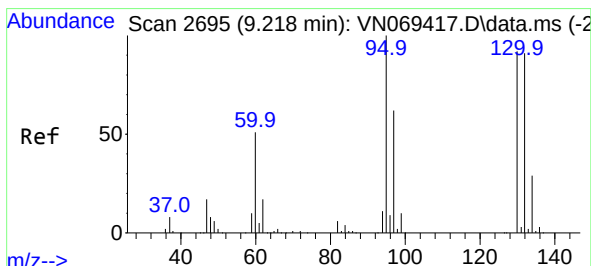
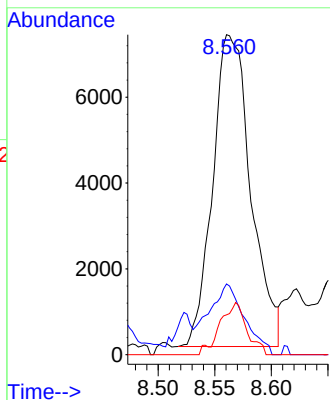
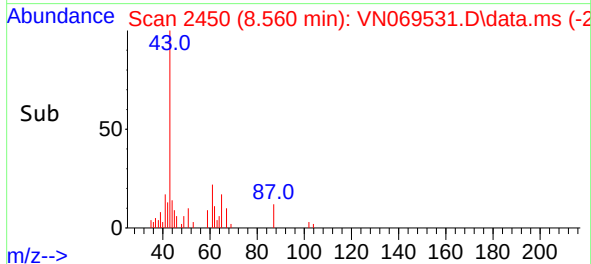
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT4-2021



Tgt Ion: 43 Resp: 1696
Ion Ratio Lower Upper
43 100
61 21.0 20.4 30.6
87 10.9 11.2 16.8

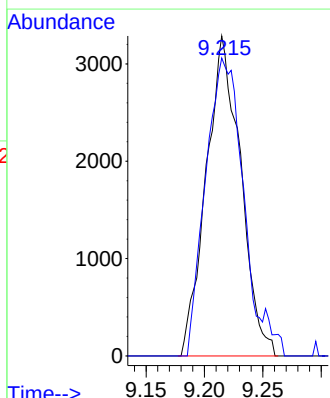
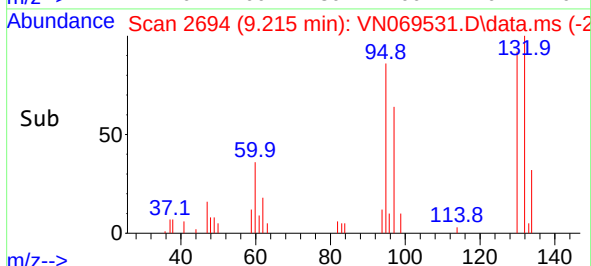
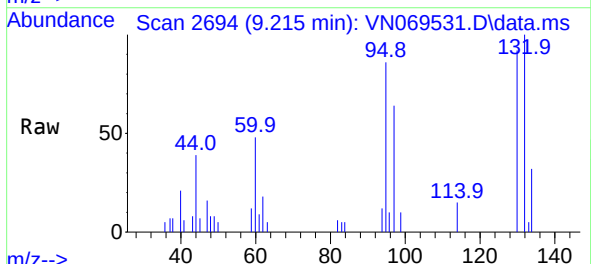
Manual Integrations
APPROVED

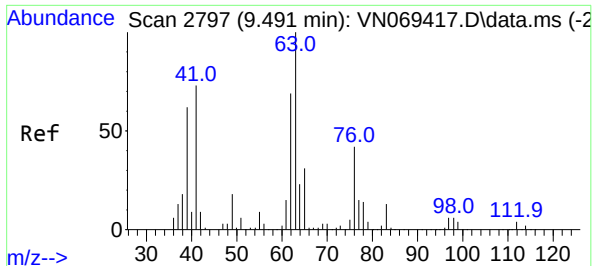
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#44
Trichloroethene
Concen: 0.696 ug/l
RT: 9.215 min Scan# 2694
Delta R.T. -0.003 min
Lab File: VN069531.D
Acq: 17 Nov 2021 15:40

Tgt Ion:130 Resp: 6750
Ion Ratio Lower Upper
130 100
95 93.1 0.0 191.2





#45

1,2-Dichloropropane

Concen: 0.719 ug/l

RT: 9.494 min Scan# 21

Delta R.T. 0.003 min

Lab File: VN069531.D

Acq: 17 Nov 2021 15:40

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2021

Tgt Ion: 63 Resp: 778

Ion Ratio Lower Upper

63 100

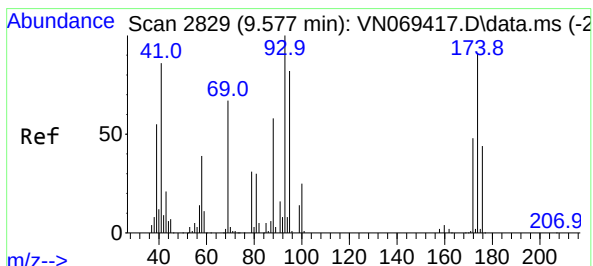
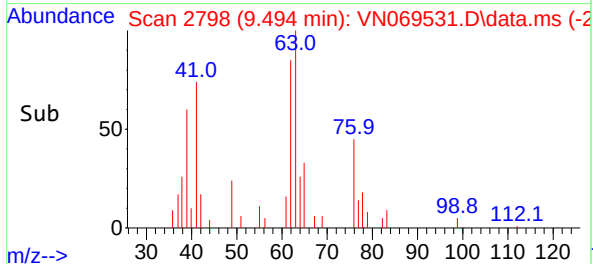
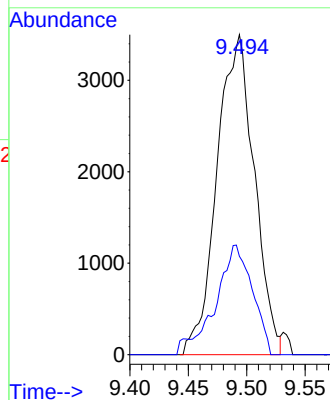
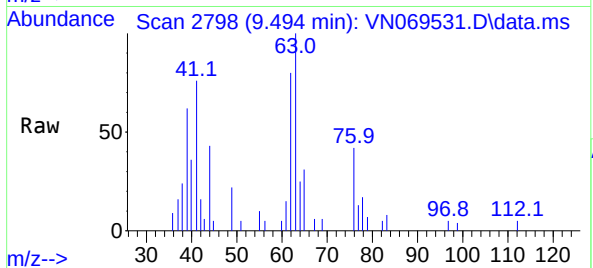
65 30.8 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2021

Supervised By :Mahesh Dadoda 11/18/2021



#46

Dibromomethane

Concen: 0.651 ug/l

RT: 9.577 min Scan# 2829

Delta R.T. -0.000 min

Lab File: VN069531.D

Acq: 17 Nov 2021 15:40

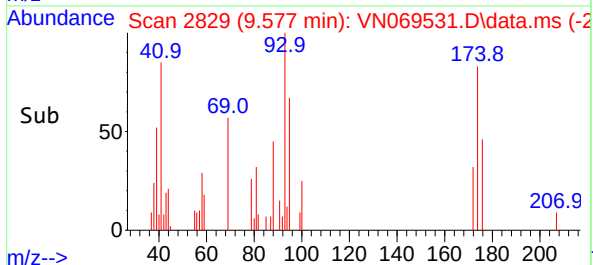
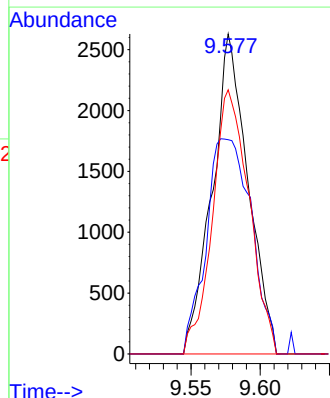
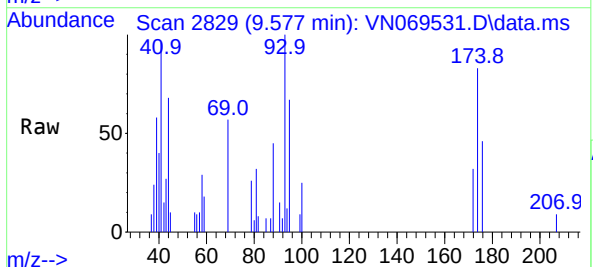
Tgt Ion: 93 Resp: 4717

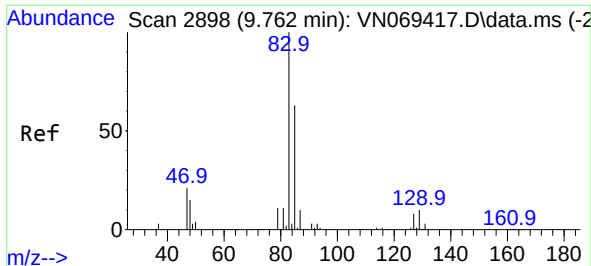
Ion Ratio Lower Upper

93 100

95 84.9 65.9 98.9

174 84.3 84.6 127.0#





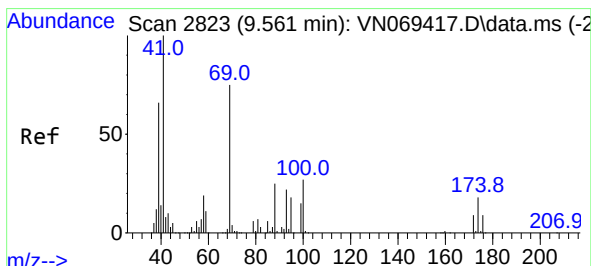
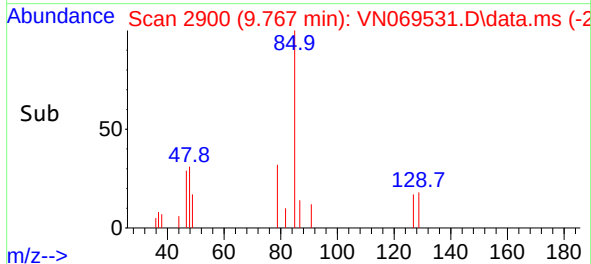
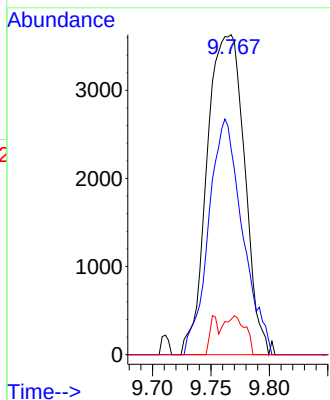
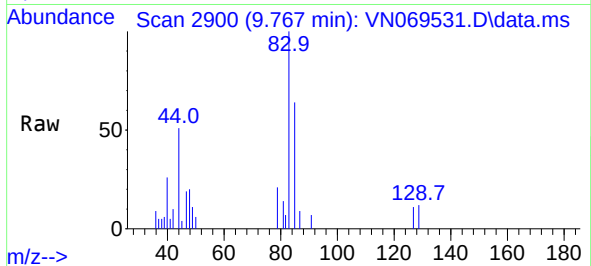
#47
Bromodichloromethane
Concen: 0.599 ug/l
RT: 9.767 min Scan# 2898
Delta R.T. 0.005 min
Lab File: VN069531.D
Acq: 17 Nov 2021 15:40

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

Tgt Ion: 83 Resp: 809
Ion Ratio Lower Upper
83 100
85 64.3 50.9 76.3
127 11.0 7.1 10.7

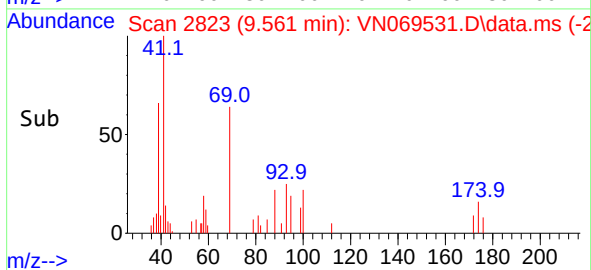
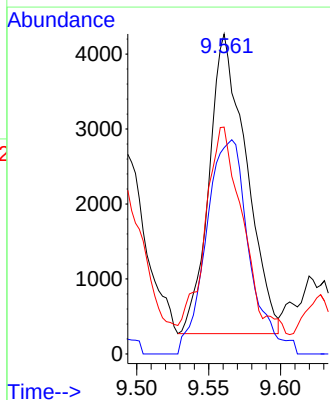
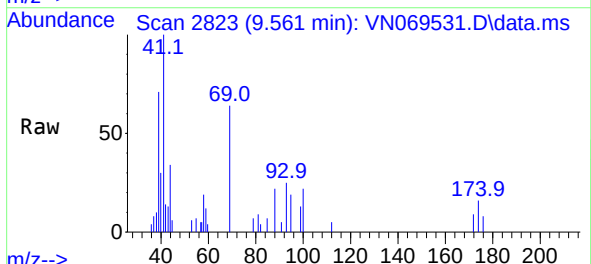
Manual Integrations
APPROVED

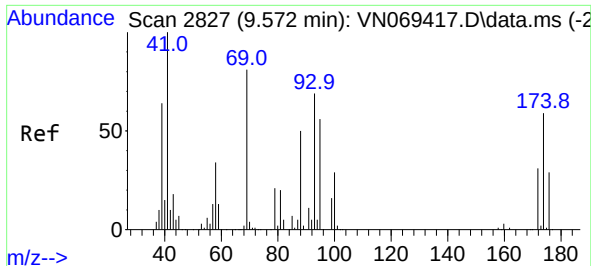
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#48
Methyl methacrylate
Concen: 0.535 ug/l
RT: 9.561 min Scan# 2823
Delta R.T. -0.000 min
Lab File: VN069531.D
Acq: 17 Nov 2021 15:40

Tgt Ion: 41 Resp: 7174
Ion Ratio Lower Upper
41 100
69 82.4 72.4 108.6
39 69.5 58.4 87.6





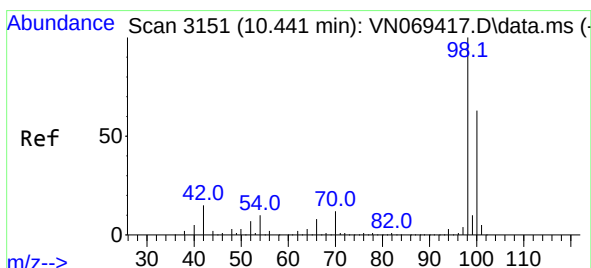
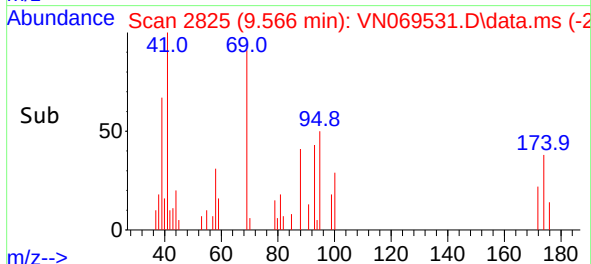
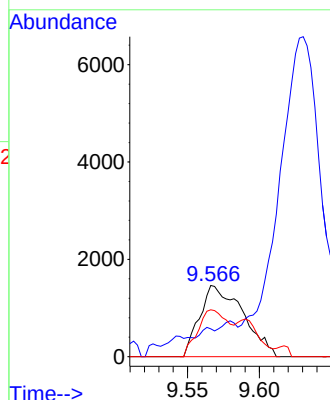
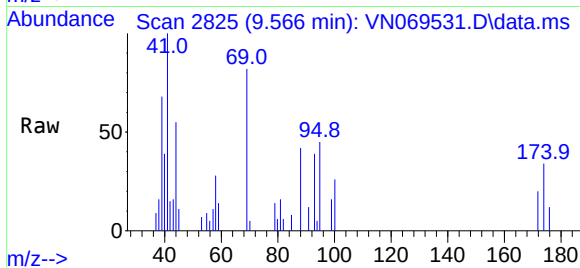
#49
1,4-Dioxane
Concen: 12.804 ug/l
RT: 9.566 min Scan# 2825
Delta R.T. -0.006 min
Lab File: VN069531.D
Acq: 17 Nov 2021 15:40

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

Tgt Ion: 88 Resp: 3062
Ion Ratio Lower Upper
88 100
43 0.0 23.4 35.2
58 47.0 50.6 75.8

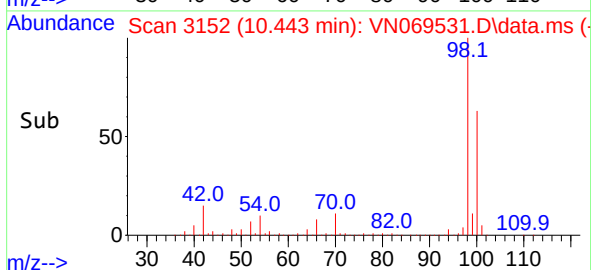
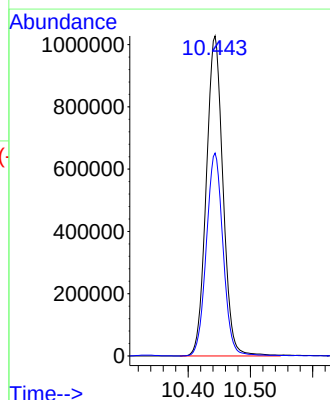
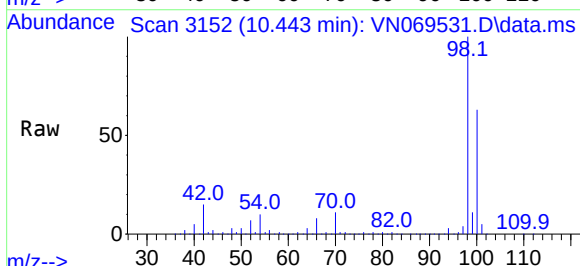
Manual Integrations
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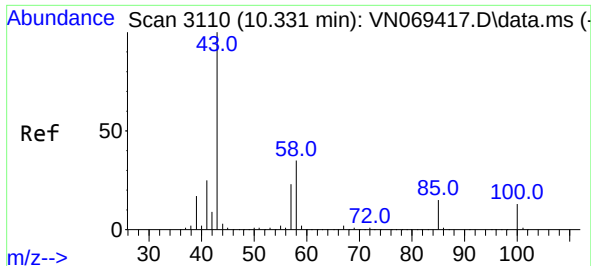
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#50
Toluene-d8
Concen: 52.031 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.002 min
Lab File: VN069531.D
Acq: 17 Nov 2021 15:40

Tgt Ion: 98 Resp: 1914507
Ion Ratio Lower Upper
98 100
100 63.7 50.4 75.6





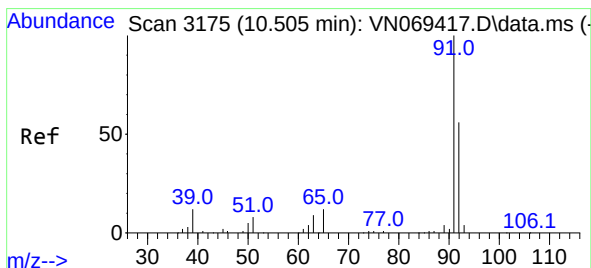
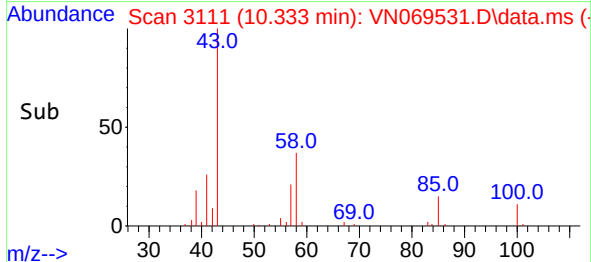
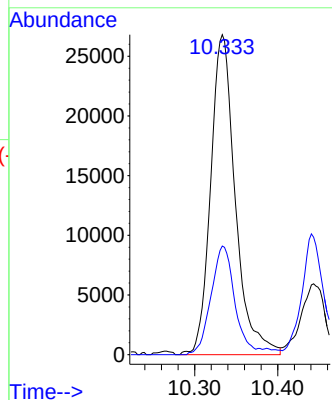
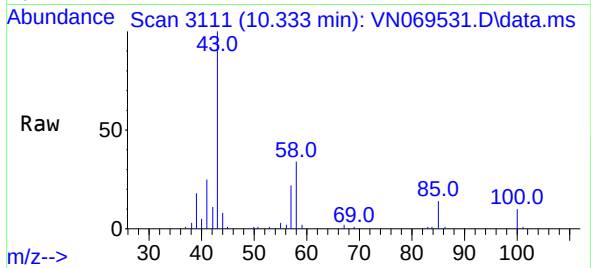
#51
4-Methyl-2-Pentanone
Concen: 3.002 ug/l
RT: 10.333 min Scan# 3111
Delta R.T. 0.002 min
Lab File: VN069531.D
Acq: 17 Nov 2021 15:40

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

Tgt Ion: 43 Resp: 55219
Ion Ratio Lower Upper
43 100
58 32.8 30.4 45.6

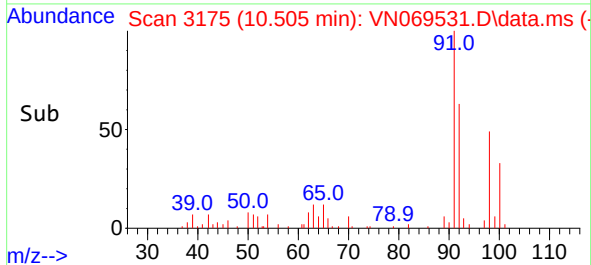
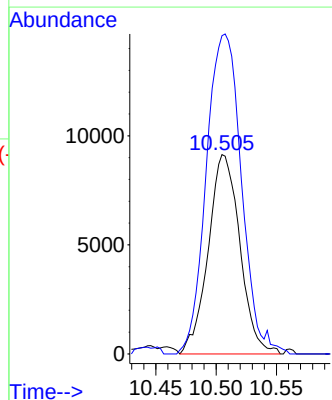
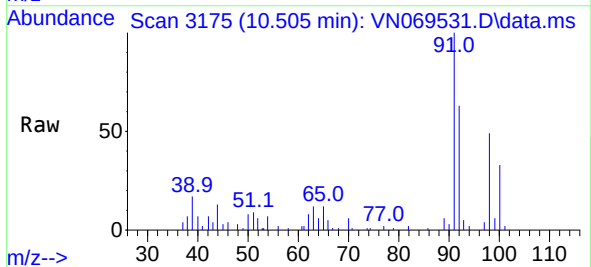
Manual Integrations
APPROVED

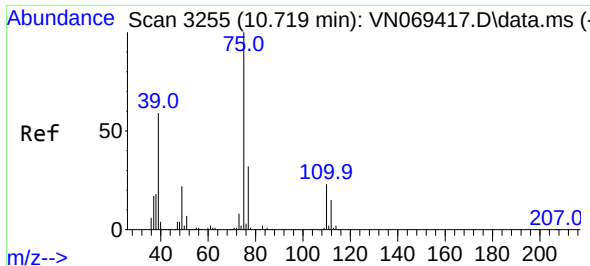
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#52
Toluene
Concen: 0.662 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.000 min
Lab File: VN069531.D
Acq: 17 Nov 2021 15:40

Tgt Ion: 92 Resp: 16708
Ion Ratio Lower Upper
92 100
91 177.9 142.0 213.0





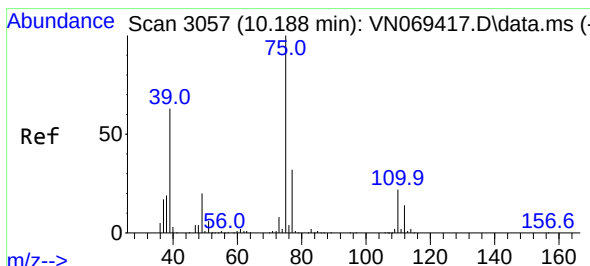
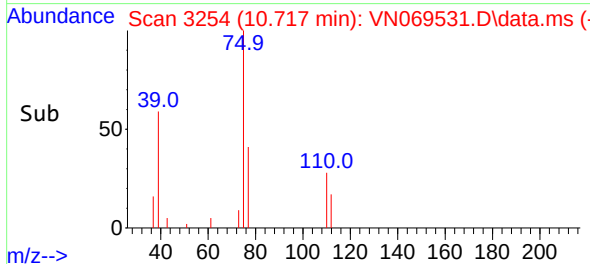
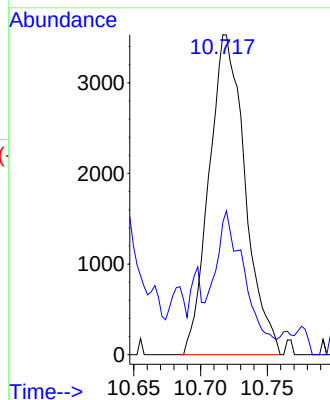
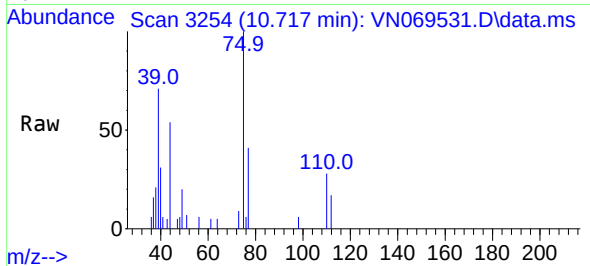
#53
t-1,3-Dichloropropene
Concen: 0.469 ug/l
RT: 10.717 min Scan# 31
Delta R.T. -0.002 min
Lab File: VN069531.D
Acq: 17 Nov 2021 15:40

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

Tgt Ion: 75 Resp: 6629
Ion Ratio Lower Upper
75 100
77 35.9 25.6 38.4

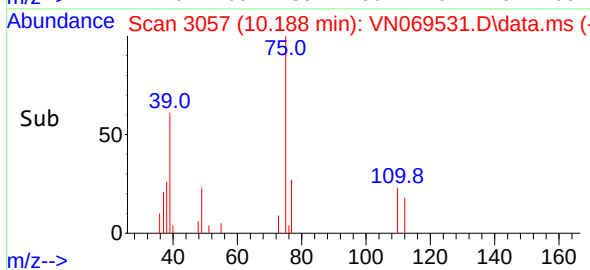
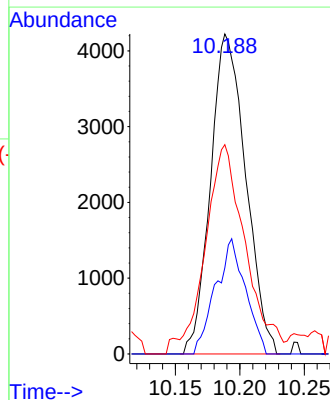
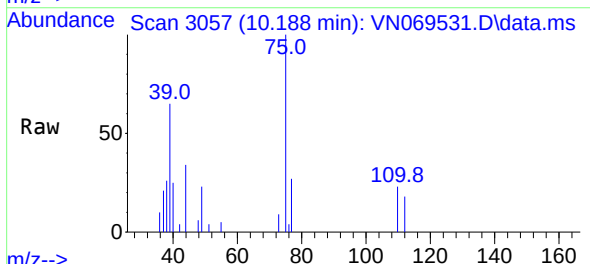
Manual Integrations
APPROVED

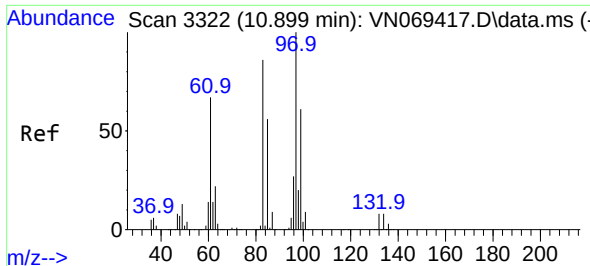
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#54
cis-1,3-Dichloropropene
Concen: 0.519 ug/l
RT: 10.188 min Scan# 3057
Delta R.T. 0.000 min
Lab File: VN069531.D
Acq: 17 Nov 2021 15:40

Tgt Ion: 75 Resp: 8005
Ion Ratio Lower Upper
75 100
77 26.9 26.4 39.6
39 61.0 42.5 63.7





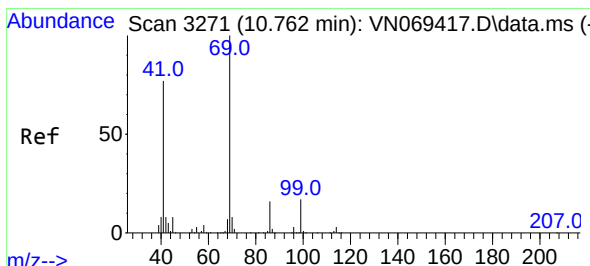
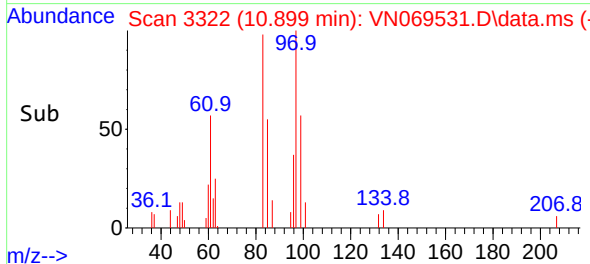
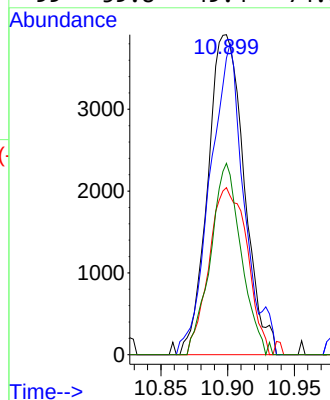
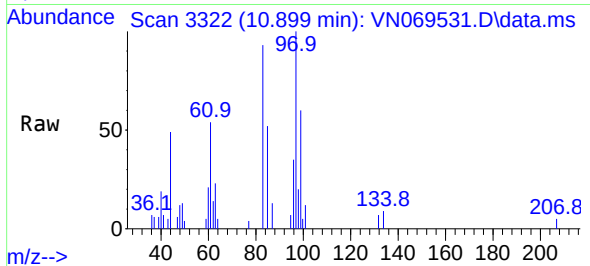
#55
1,1,2-Trichloroethane
Concen: 0.729 ug/l
RT: 10.899 min Scan# 3322
Delta R.T. 0.000 min
Lab File: VN069531.D
Acq: 17 Nov 2021 15:40

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

Tgt Ion: 97	Resp: 7418
Ion Ratio	Lower Upper
97 100	
83 92.7	67.8 101.6
85 52.2	45.4 68.2
99 59.8	49.4 74.0

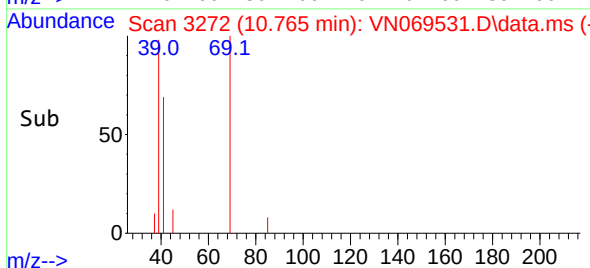
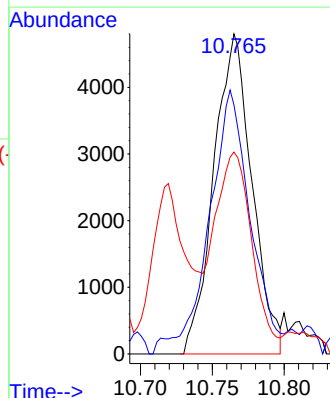
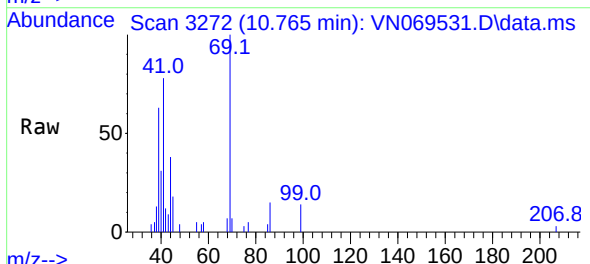
Manual Integrations
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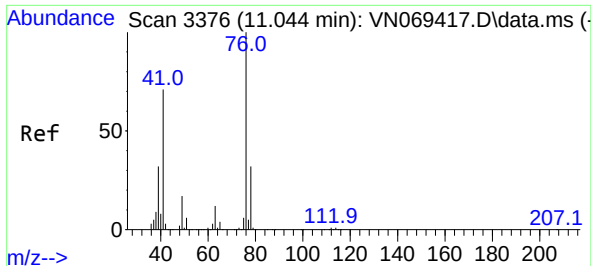
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#56
Ethyl methacrylate
Concen: 0.525 ug/l
RT: 10.765 min Scan# 3272
Delta R.T. 0.003 min
Lab File: VN069531.D
Acq: 17 Nov 2021 15:40

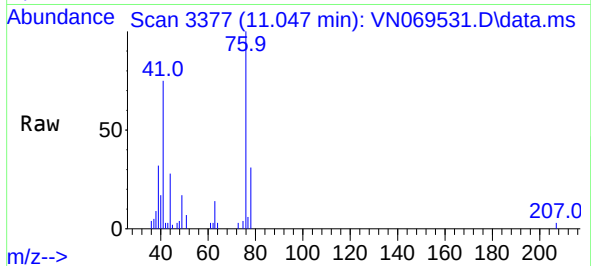
Tgt Ion: 69	Resp: 8847
Ion Ratio	Lower Upper
69 100	
41 89.0	51.4 77.0#
39 53.2	34.6 52.0#





#57
1,3-Dichloropropane
Concen: 0.630 ug/l
RT: 11.047 min Scan# 311
Delta R.T. 0.003 min
Lab File: VN069531.D
Acq: 17 Nov 2021 15:40

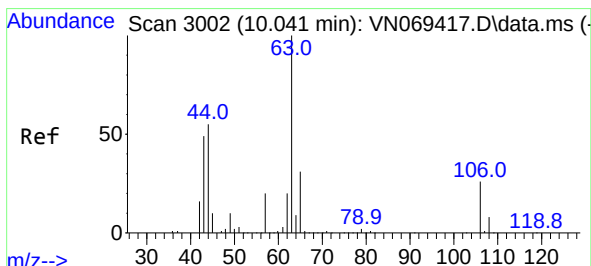
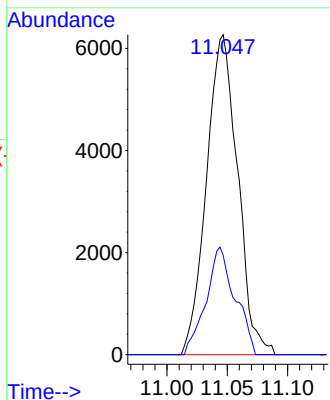
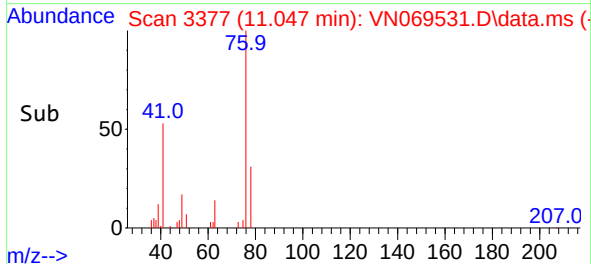
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



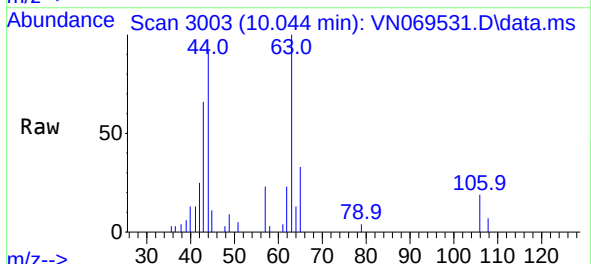
Tgt Ion: 76 Resp: 11269
Ion Ratio Lower Upper
76 100
78 31.3 25.7 38.5

Manual Integrations
APPROVED

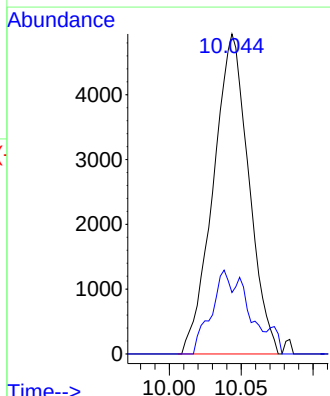
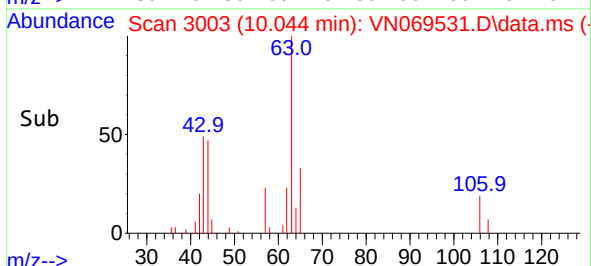
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

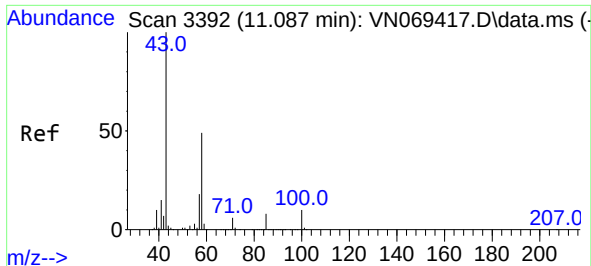


#58
2-Chloroethyl Vinyl ether
Concen: 2.166 ug/l
RT: 10.044 min Scan# 3003
Delta R.T. 0.003 min
Lab File: VN069531.D
Acq: 17 Nov 2021 15:40



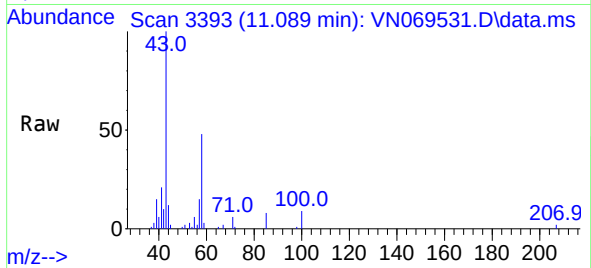
Tgt Ion: 63 Resp: 8456
Ion Ratio Lower Upper
63 100
106 14.8 23.9 35.9#





#59
2-Hexanone
Concen: 2.582 ug/l
RT: 11.089 min Scan# 3392
Delta R.T. 0.002 min
Lab File: VN069531.D
Acq: 17 Nov 2021 15:40

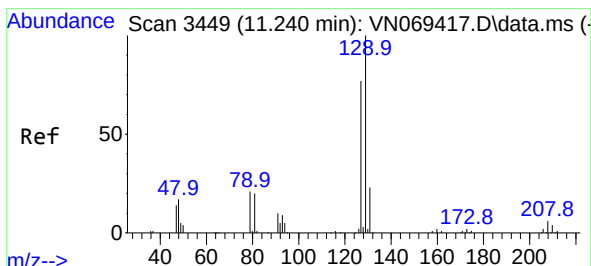
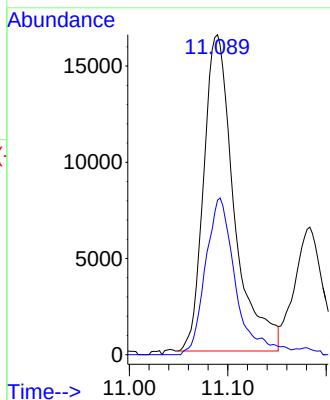
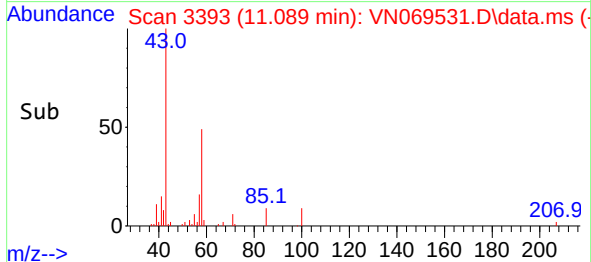
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT4-2021



Tgt Ion: 43 Resp: 3539
Ion Ratio Lower Upper
43 100
58 49.0 26.9 80.7

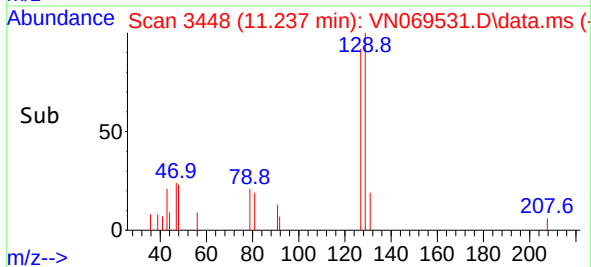
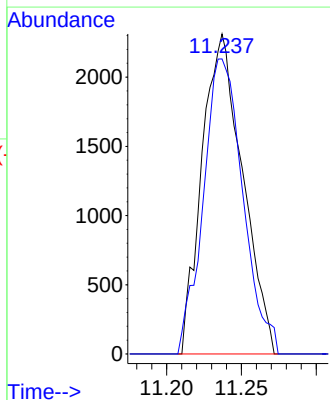
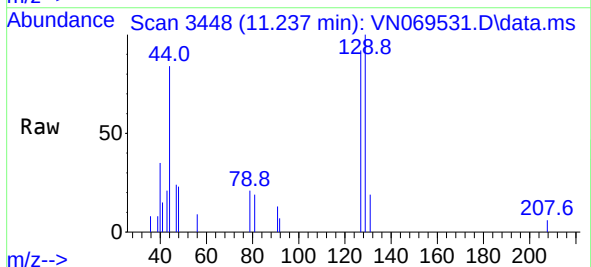
Manual Integrations
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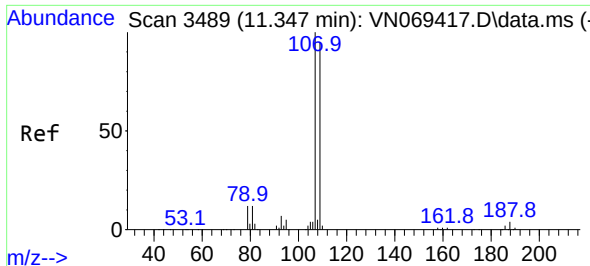
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#60
Dibromochloromethane
Concen: 0.459 ug/l
RT: 11.237 min Scan# 3448
Delta R.T. -0.003 min
Lab File: VN069531.D
Acq: 17 Nov 2021 15:40

Tgt Ion:129 Resp: 4371
Ion Ratio Lower Upper
129 100
127 89.9 38.6 116.0





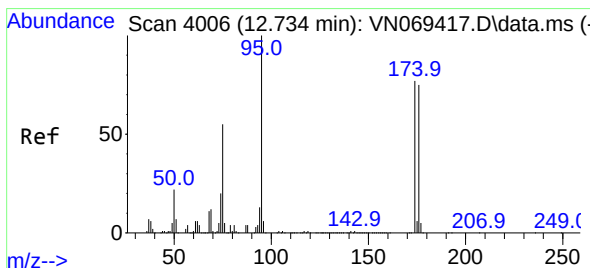
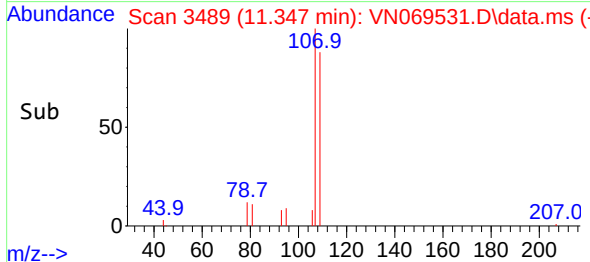
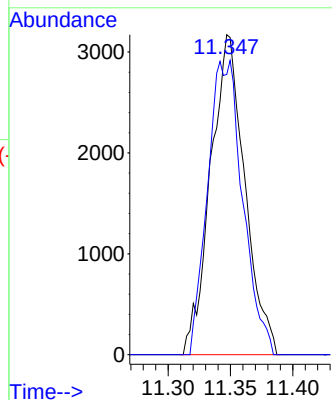
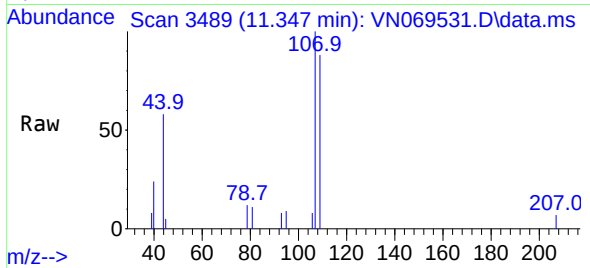
#61
1,2-Dibromoethane
Concen: 0.588 ug/l
RT: 11.347 min Scan# 3489
Delta R.T. -0.000 min
Lab File: VN069531.D
Acq: 17 Nov 2021 15:40

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

Tgt Ion:107 Resp: 6062
Ion Ratio Lower Upper
107 100
109 94.0 75.7 113.5

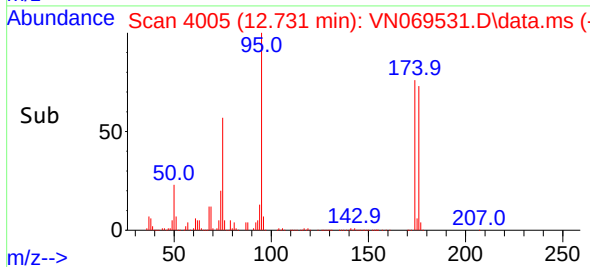
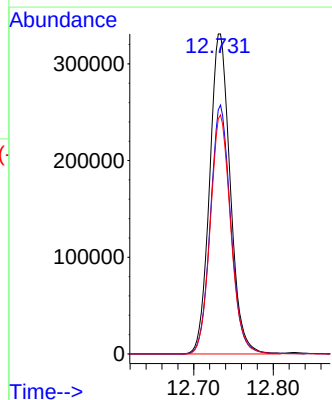
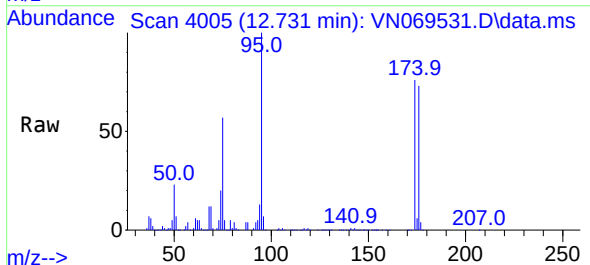
Manual Integrations
APPROVED

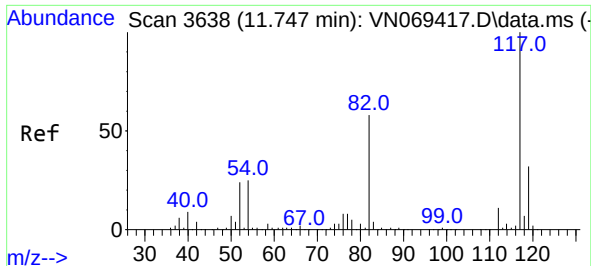
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#62
4-Bromofluorobenzene
Concen: 44.110 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.003 min
Lab File: VN069531.D
Acq: 17 Nov 2021 15:40

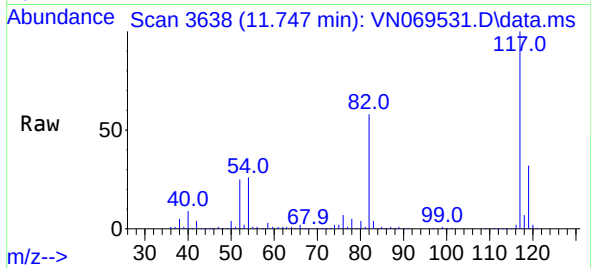
Tgt Ion: 95 Resp: 596256
Ion Ratio Lower Upper
95 100
174 76.9 0.0 187.2
176 74.1 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN069531.D
Acq: 17 Nov 2021 15:40

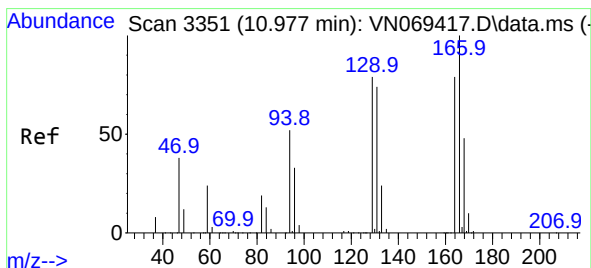
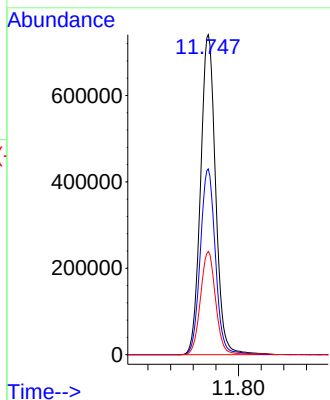
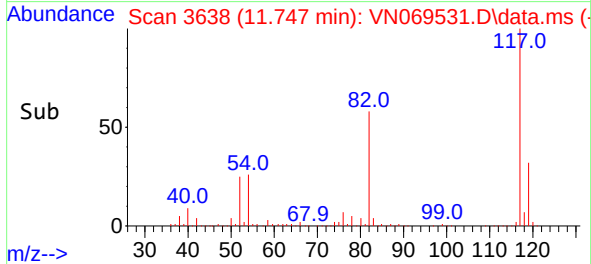
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



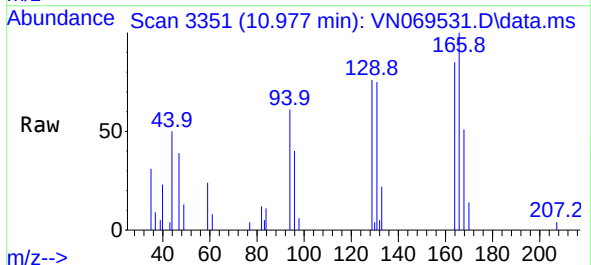
Tgt Ion:117 Resp: 1367480
Ion Ratio Lower Upper
117 100
82 58.0 42.4 63.6
119 32.3 25.4 38.2

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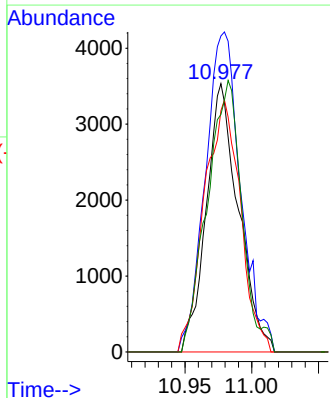
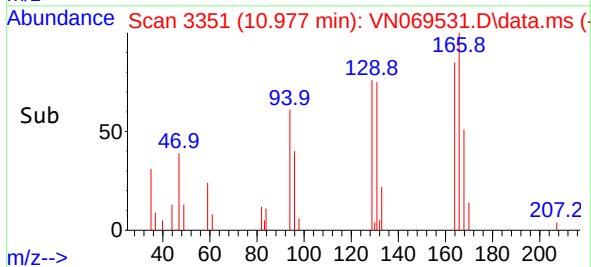
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

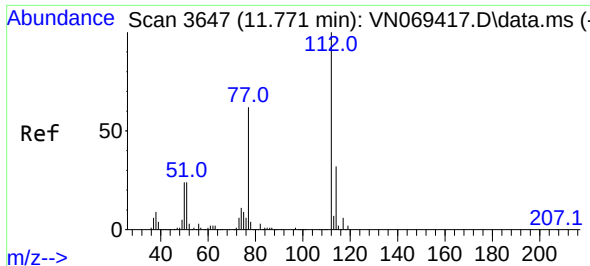


#64
Tetrachloroethene
Concen: 0.720 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.000 min
Lab File: VN069531.D
Acq: 17 Nov 2021 15:40



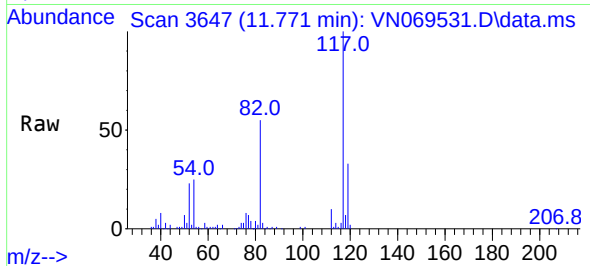
Tgt Ion:164 Resp: 5942
Ion Ratio Lower Upper
164 100
166 117.8 101.9 152.9
129 89.9 72.0 108.0
131 88.5 70.9 106.3





#65
Chlorobenzene
Concen: 0.665 ug/l
RT: 11.771 min Scan# 3647
Delta R.T. -0.000 min
Lab File: VN069531.D
Acq: 17 Nov 2021 15:40

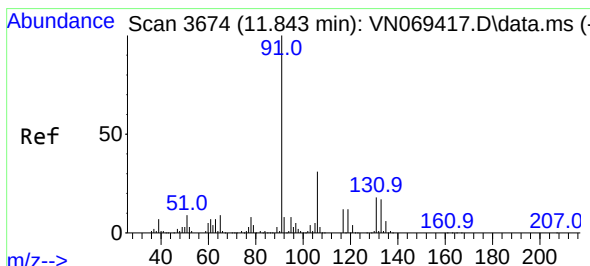
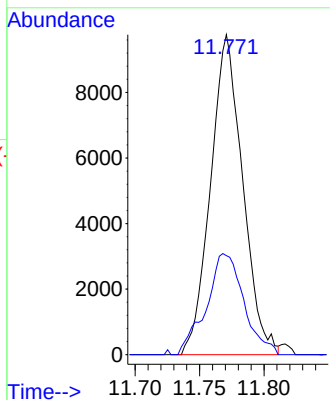
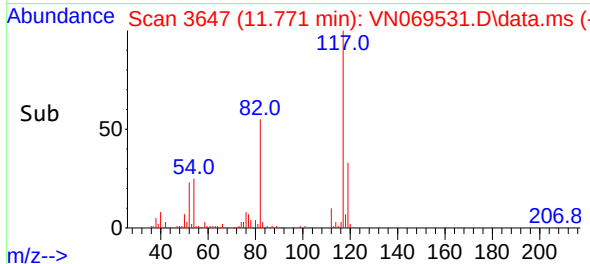
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



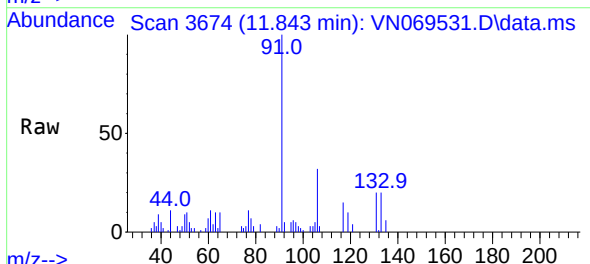
Tgt Ion:112 Resp: 16914
Ion Ratio Lower Upper
112 100
114 31.0 25.4 38.0

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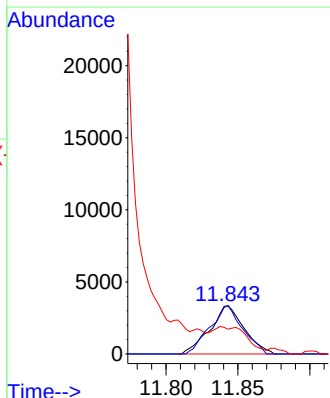
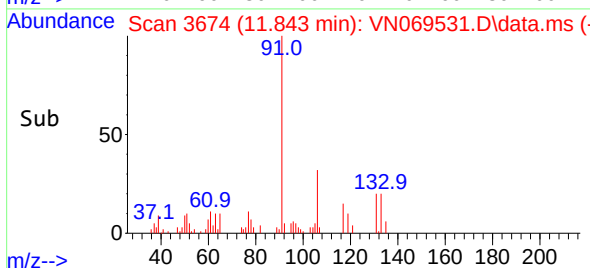
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

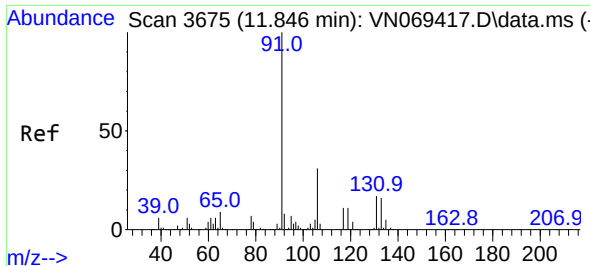


#66
1,1,1,2-Tetrachloroethane
Concen: 0.627 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. 0.000 min
Lab File: VN069531.D
Acq: 17 Nov 2021 15:40



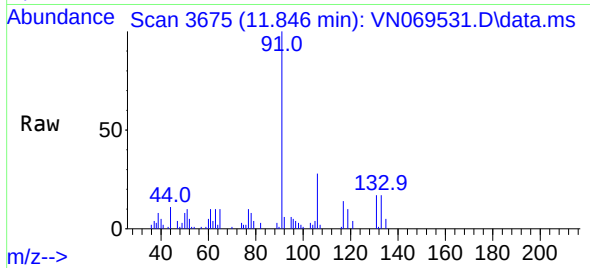
Tgt Ion:131 Resp: 5539
Ion Ratio Lower Upper
131 100
133 94.9 47.9 143.7
119 0.0 32.1 96.5#





#67
Ethyl Benzene
Concen: 0.624 ug/l
RT: 11.846 min Scan# 30
Delta R.T. -0.000 min
Lab File: VN069531.D
Acq: 17 Nov 2021 15:40

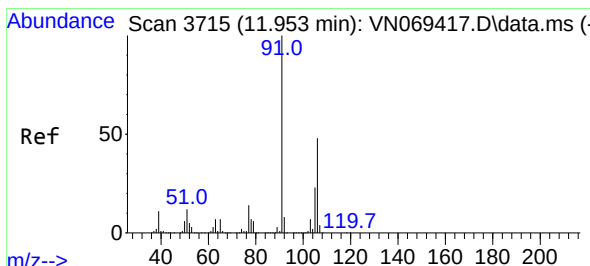
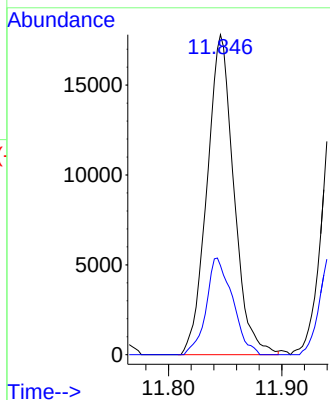
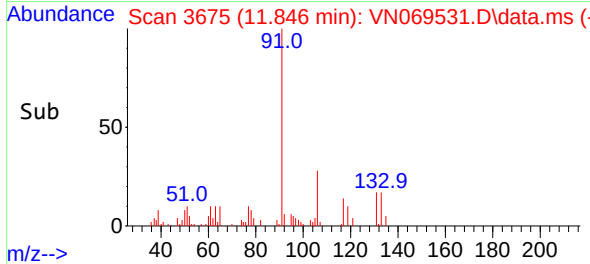
Instrument : MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



Tgt Ion: 91 Resp: 29289
Ion Ratio Lower Upper
91 100
106 27.9 25.7 38.5

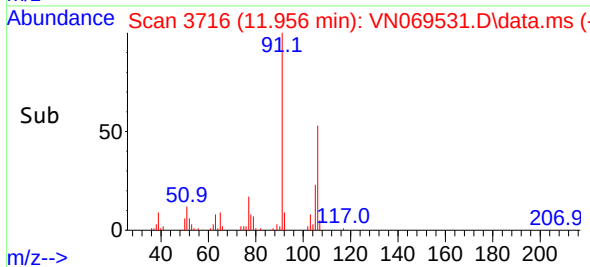
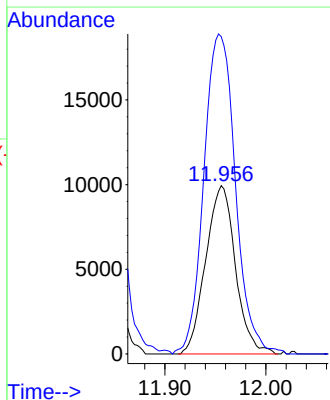
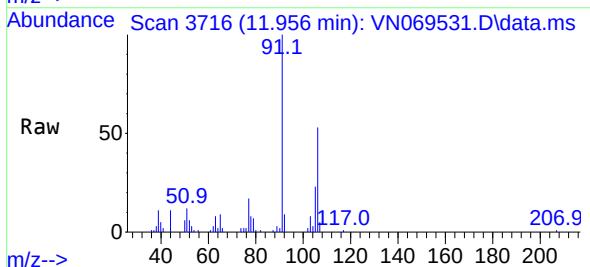
Manual Integrations
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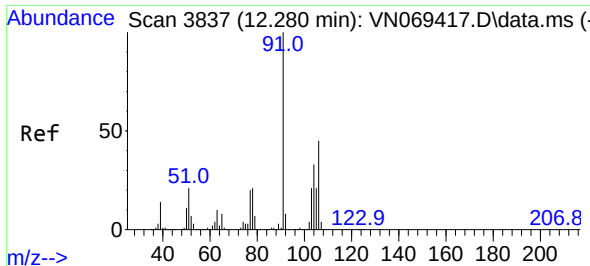
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#68
m/p-Xylenes
Concen: 1.178 ug/l
RT: 11.956 min Scan# 3716
Delta R.T. 0.003 min
Lab File: VN069531.D
Acq: 17 Nov 2021 15:40

Tgt Ion:106 Resp: 20331
Ion Ratio Lower Upper
106 100
91 201.7 160.6 240.8





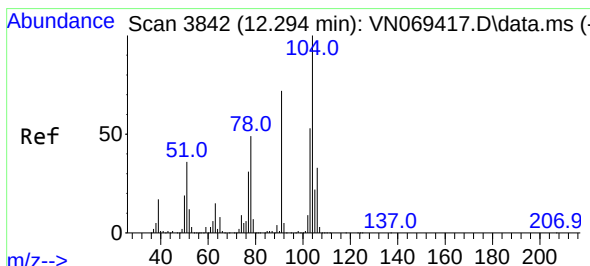
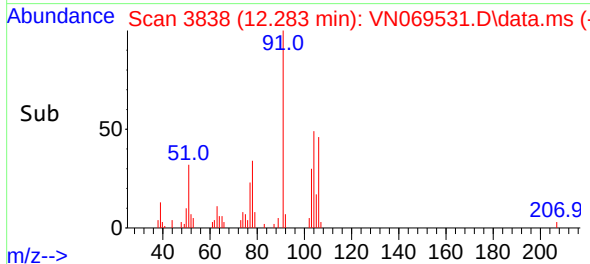
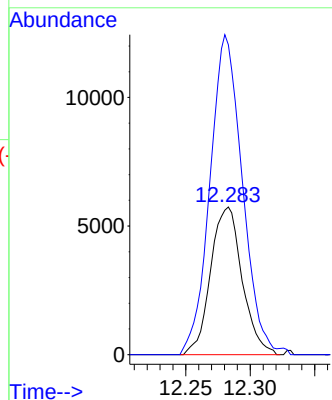
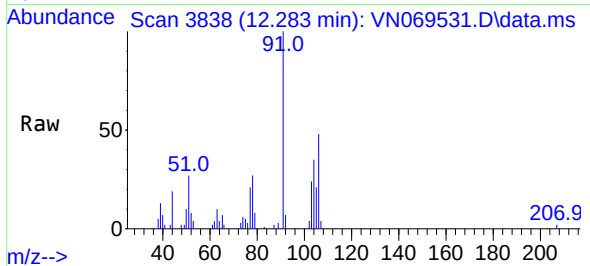
#69
o-Xylene
Concen: 0.567 ug/l
RT: 12.283 min Scan# 3837
Delta R.T. 0.003 min
Lab File: VN069531.D
Acq: 17 Nov 2021 15:40

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

Tgt Ion:106 Resp: 976
Ion Ratio Lower Upper
106 100
91 222.8 105.8 317.3

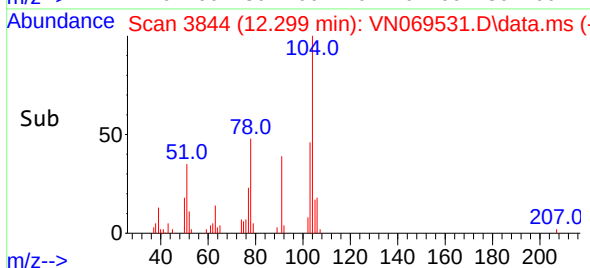
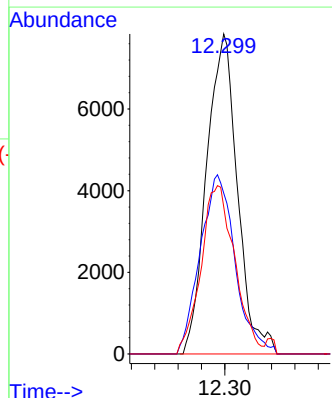
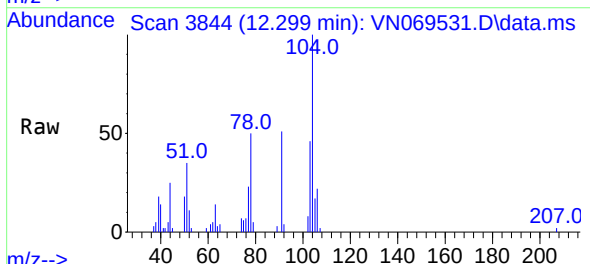
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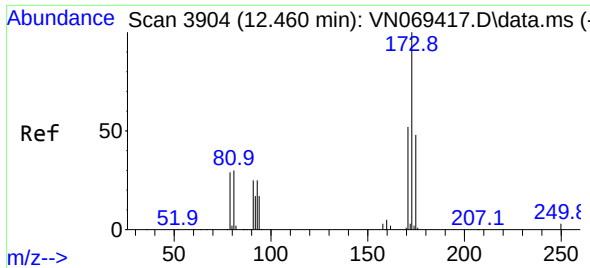
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#70
Styrene
Concen: 0.519 ug/l
RT: 12.299 min Scan# 3844
Delta R.T. 0.005 min
Lab File: VN069531.D
Acq: 17 Nov 2021 15:40

Tgt Ion:104 Resp: 14356
Ion Ratio Lower Upper
104 100
78 63.5 38.7 58.1#
103 57.7 45.0 67.6





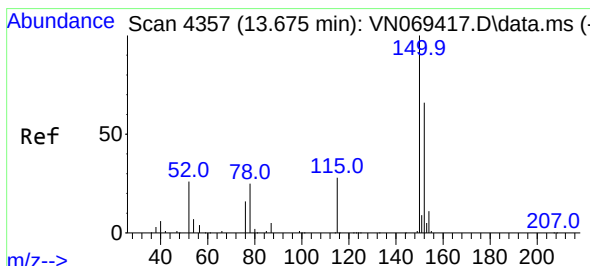
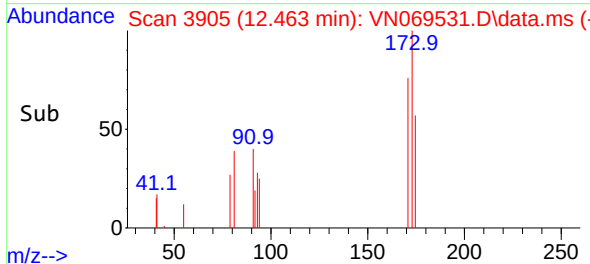
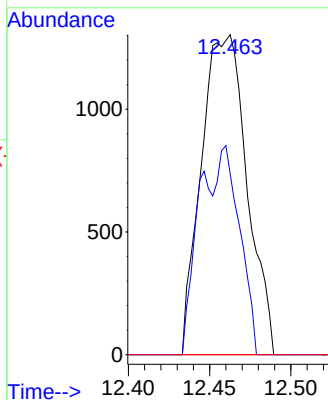
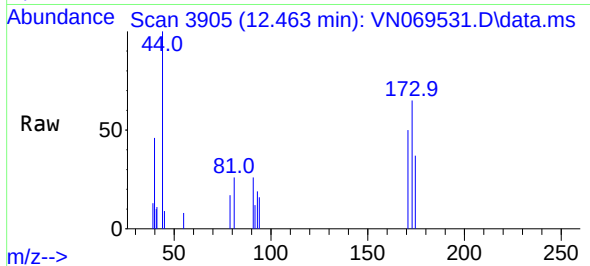
#71
Bromoform
Concen: 0.405 ug/l
RT: 12.463 min Scan# 3904
Delta R.T. 0.003 min
Lab File: VN069531.D
Acq: 17 Nov 2021 15:40

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

Tgt Ion:173 Resp: 255
Ion Ratio Lower Upper
173 100
175 0.0 24.2 72.6
254 0.0 0.0 0.0

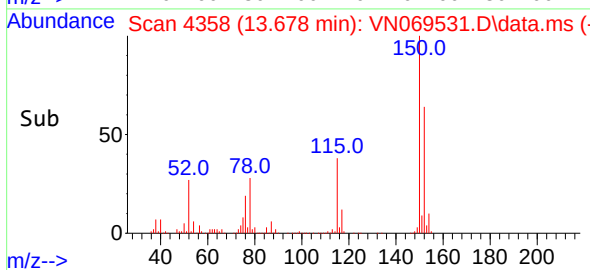
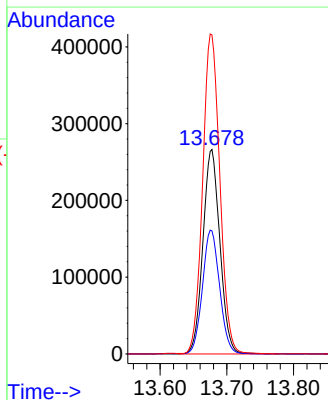
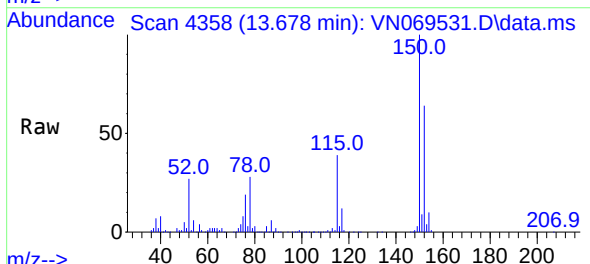
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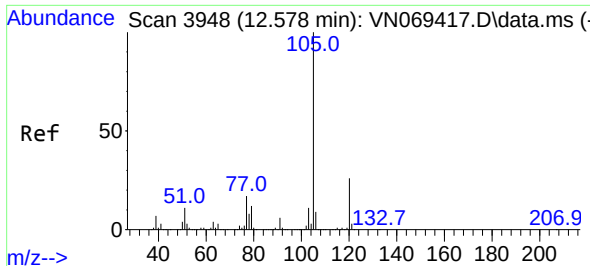
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN069531.D
Acq: 17 Nov 2021 15:40

Tgt Ion:152 Resp: 470792
Ion Ratio Lower Upper
152 100
115 61.1 27.5 82.5
150 157.9 0.0 344.4





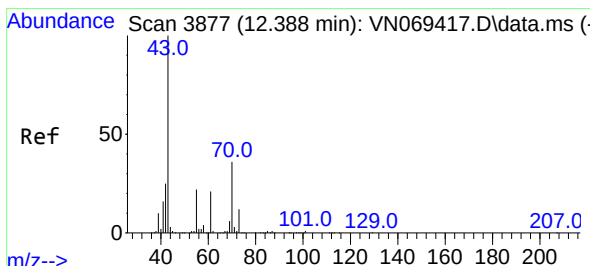
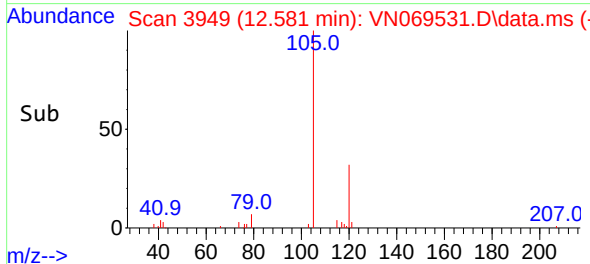
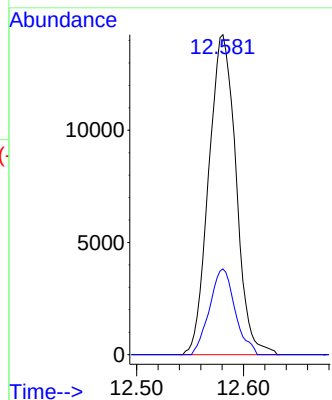
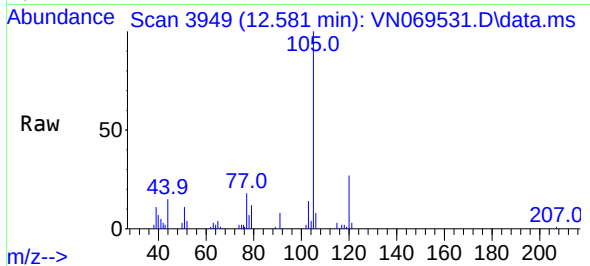
#73
Isopropylbenzene
Concen: 0.675 ug/l
RT: 12.581 min Scan# 3948
Delta R.T. 0.003 min
Lab File: VN069531.D
Acq: 17 Nov 2021 15:40

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

Tgt Ion:105 Resp: 2531
Ion Ratio Lower Upper
105 100
120 25.0 13.4 40.1

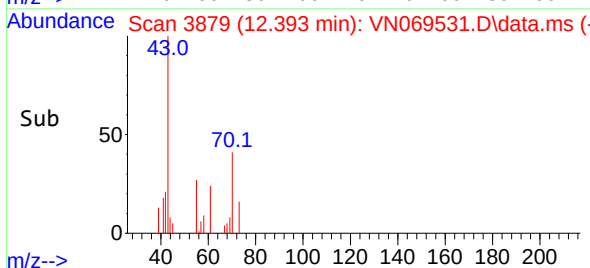
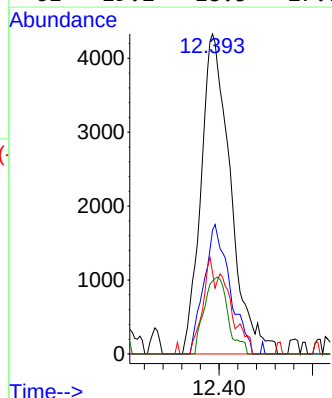
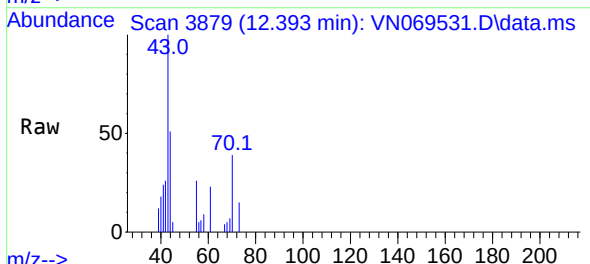
Manual Integrations
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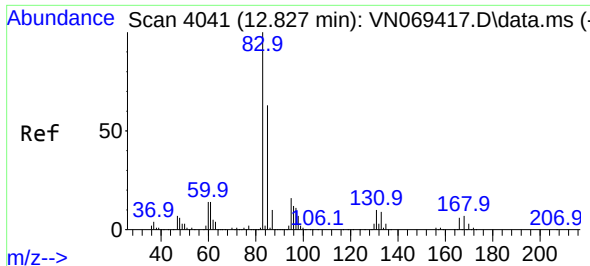
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#74
N-ethyl acetate
Concen: 0.599 ug/l
RT: 12.393 min Scan# 3879
Delta R.T. 0.005 min
Lab File: VN069531.D
Acq: 17 Nov 2021 15:40

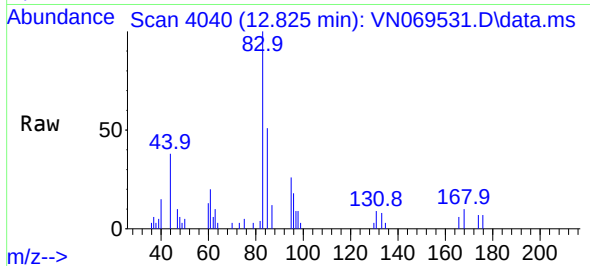
Tgt Ion: 43 Resp: 9516
Ion Ratio Lower Upper
43 100
70 35.2 33.4 50.0
55 12.0 19.3 28.9#
61 19.2 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 0.763 ug/l
RT: 12.825 min Scan# 4041
Delta R.T. -0.002 min
Lab File: VN069531.D
Acq: 17 Nov 2021 15:40

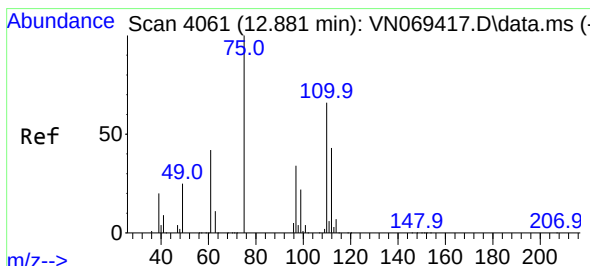
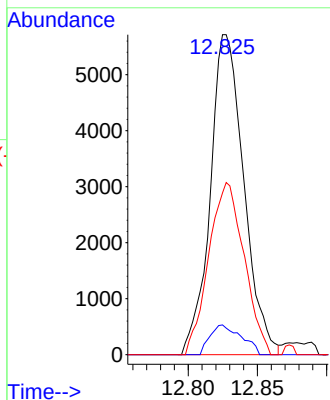
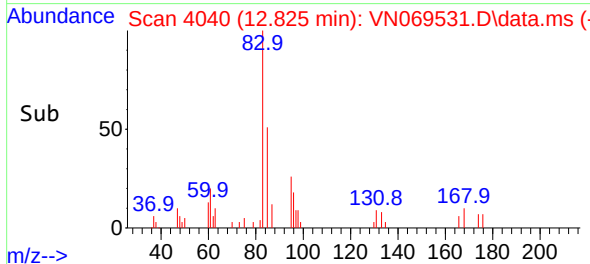
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT4-2021



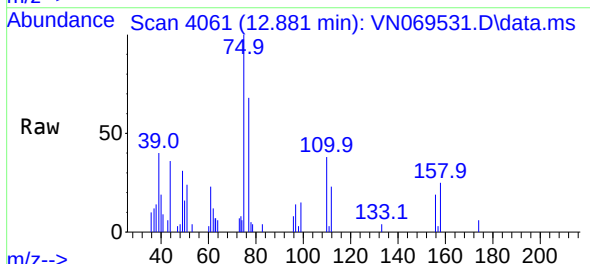
Tgt Ion: 83 Resp: 964
Ion Ratio Lower Upper
83 100
131 8.7 5.5 16.5
85 56.6 32.4 97.2

Manual Integrations
APPROVED

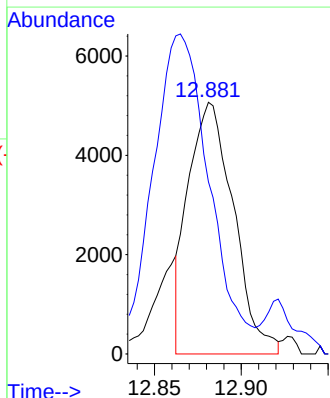
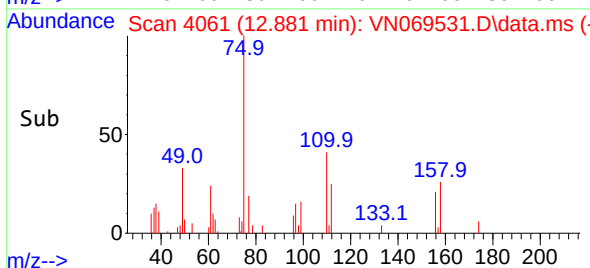
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

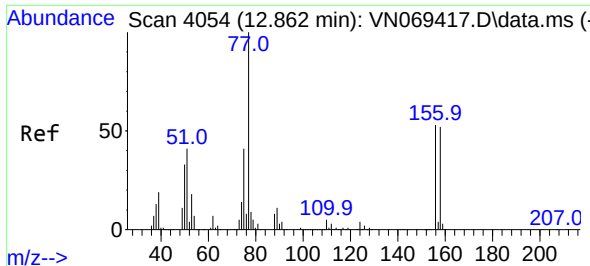


#76
1,2,3-Trichloropropane
Concen: 0.845 ug/l m
RT: 12.881 min Scan# 4061
Delta R.T. 0.000 min
Lab File: VN069531.D
Acq: 17 Nov 2021 15:40



Tgt Ion: 75 Resp: 9185
Ion Ratio Lower Upper
75 100
77 36.6 82.6 247.8#





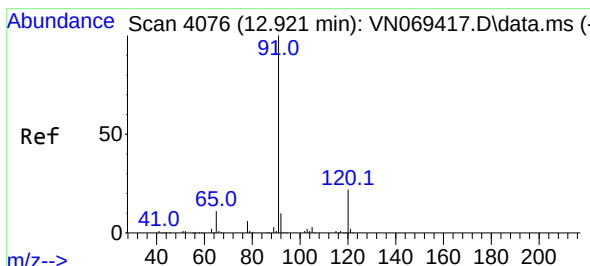
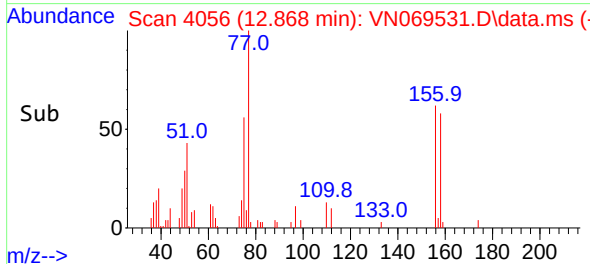
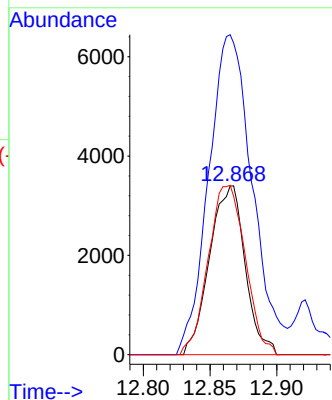
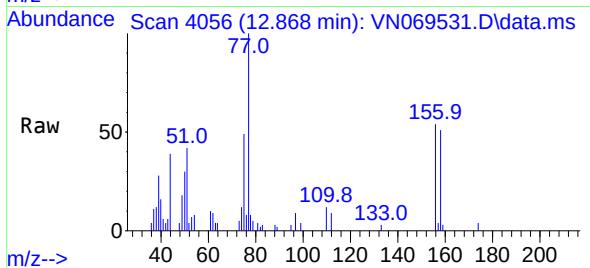
#77
Bromobenzene
Concen: 0.734 ug/l
RT: 12.868 min Scan# 4054
Delta R.T. 0.006 min
Lab File: VN069531.D
Acq: 17 Nov 2021 15:40

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

Tgt Ion:156 Resp: 6290
Ion Ratio Lower Upper
156 100
77 232.5 90.6 271.8
158 104.8 48.9 146.7

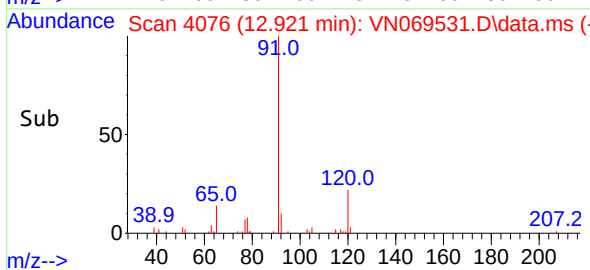
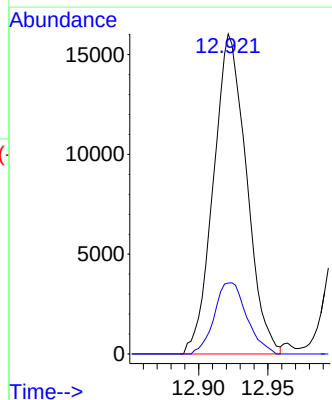
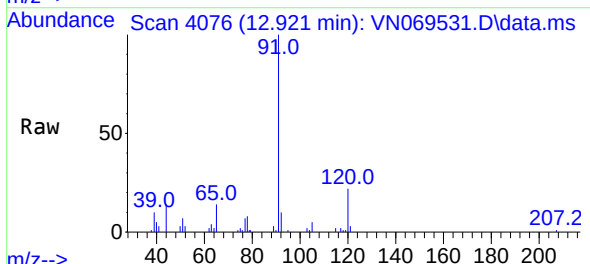
Manual Integrations
APPROVED

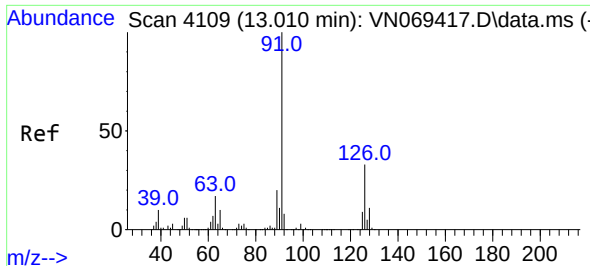
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#78
n-propylbenzene
Concen: 0.629 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN069531.D
Acq: 17 Nov 2021 15:40

Tgt Ion: 91 Resp: 26548
Ion Ratio Lower Upper
91 100
120 21.9 11.9 35.9





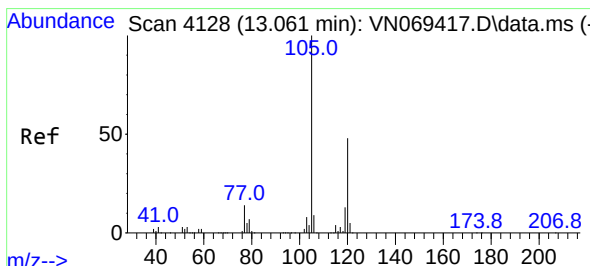
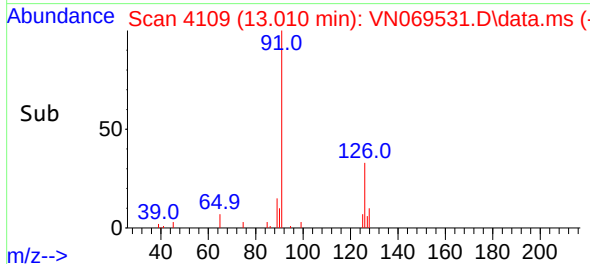
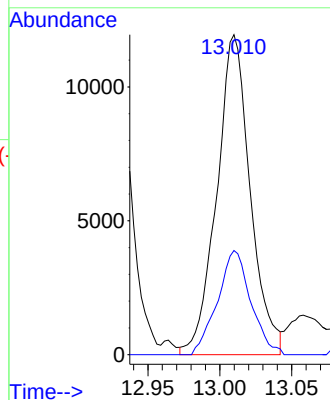
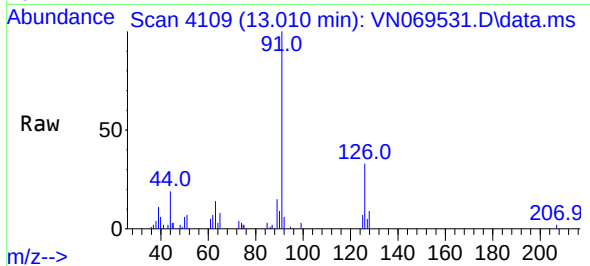
#79
2-Chlorotoluene
Concen: 0.742 ug/l
RT: 13.010 min Scan# 4109
Delta R.T. -0.000 min
Lab File: VN069531.D
Acq: 17 Nov 2021 15:40

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

Tgt Ion: 91 Resp: 19379
Ion Ratio Lower Upper
91 100
126 32.3 18.3 54.8

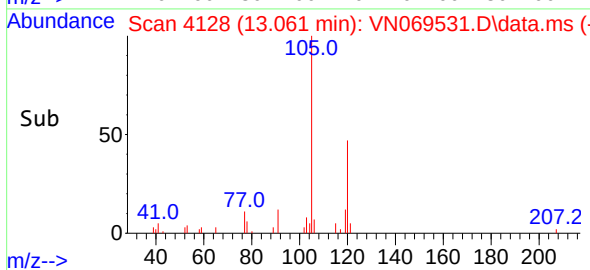
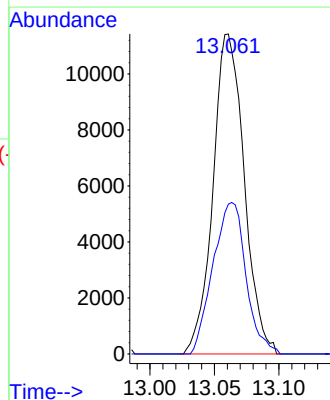
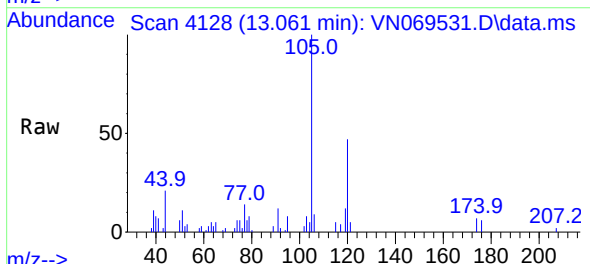
Manual Integrations
APPROVED

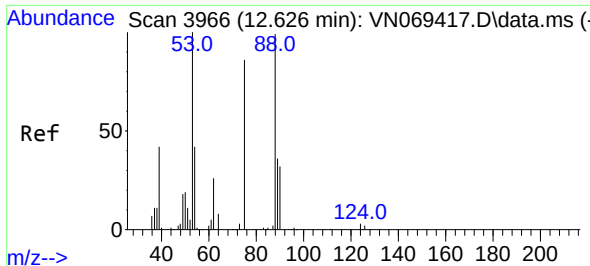
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#80
1,3,5-Trimethylbenzene
Concen: 0.635 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. -0.000 min
Lab File: VN069531.D
Acq: 17 Nov 2021 15:40

Tgt Ion:105 Resp: 19248
Ion Ratio Lower Upper
105 100
120 50.1 24.6 73.6





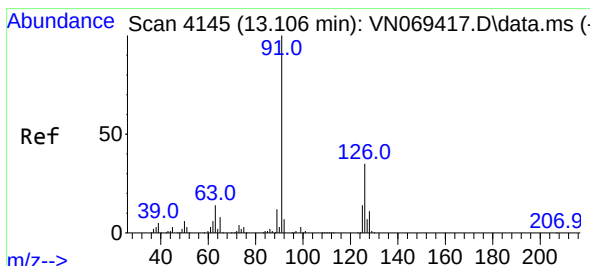
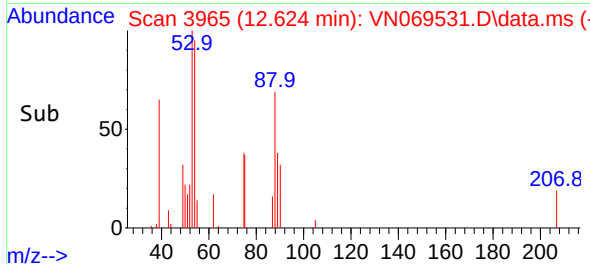
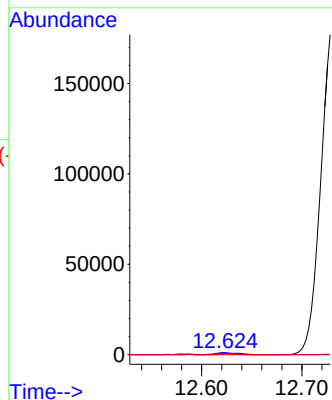
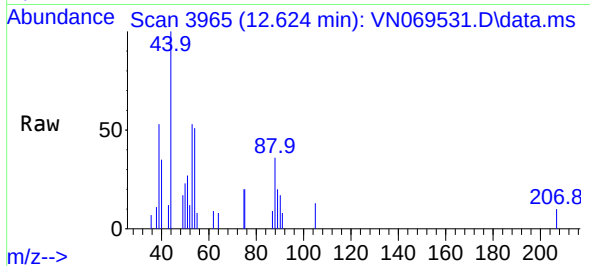
#81
trans-1,4-Dichloro-2-butene
Concen: 0.315 ug/l m
RT: 12.624 min Scan# 3965
Delta R.T. -0.002 min
Lab File: VN069531.D
Acq: 17 Nov 2021 15:40

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

Tgt Ion: 75 Resp: 102
Ion Ratio Lower Upper
75 100
53 31.2 90.5 135.7
89 0.0 38.2 57.4

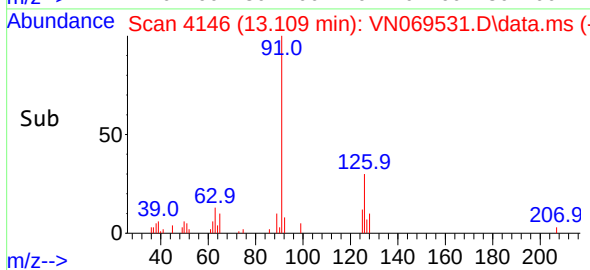
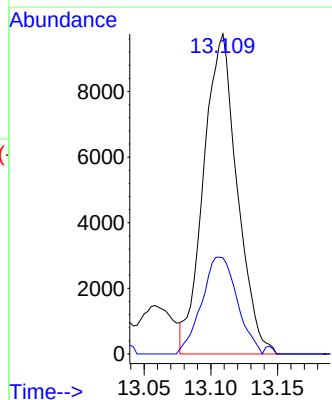
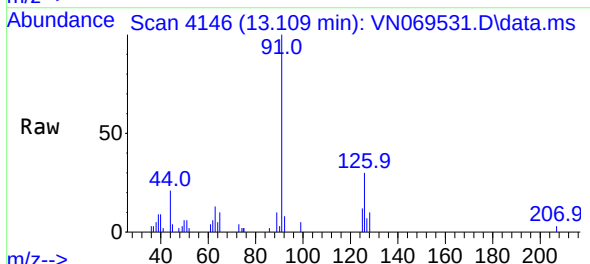
Manual Integrations
APPROVED

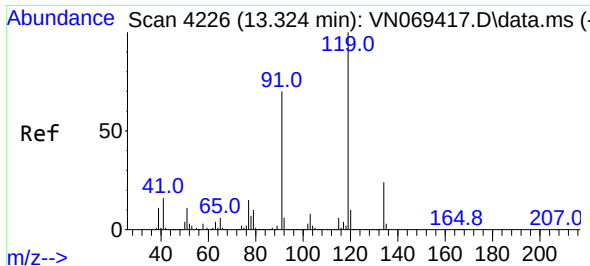
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#82
4-Chlorotoluene
Concen: 0.685 ug/l
RT: 13.109 min Scan# 4146
Delta R.T. 0.003 min
Lab File: VN069531.D
Acq: 17 Nov 2021 15:40

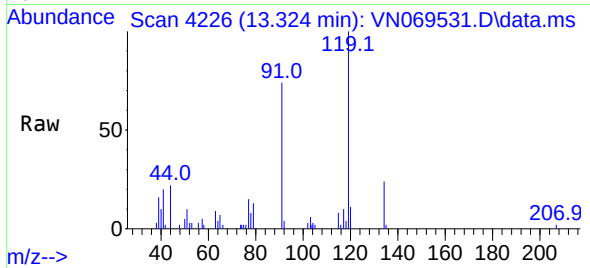
Tgt Ion: 91 Resp: 17056
Ion Ratio Lower Upper
91 100
126 32.0 18.2 54.6





#83
tert-Butylbenzene
Concen: 0.603 ug/l
RT: 13.324 min Scan# 4226
Delta R.T. -0.000 min
Lab File: VN069531.D
Acq: 17 Nov 2021 15:40

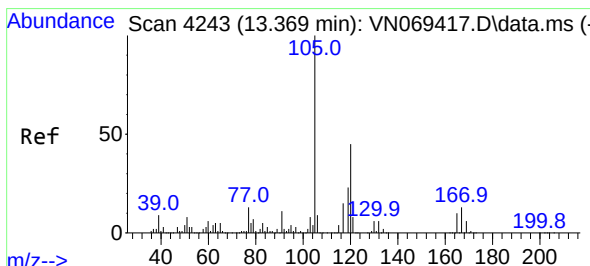
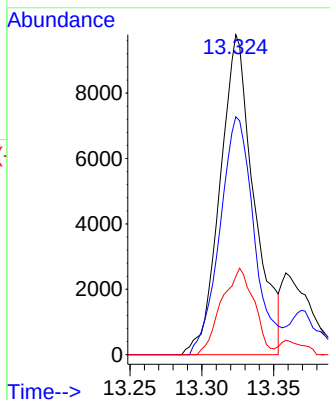
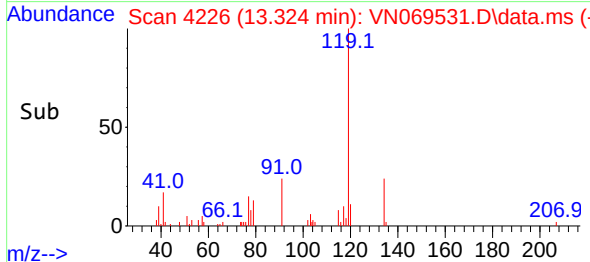
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



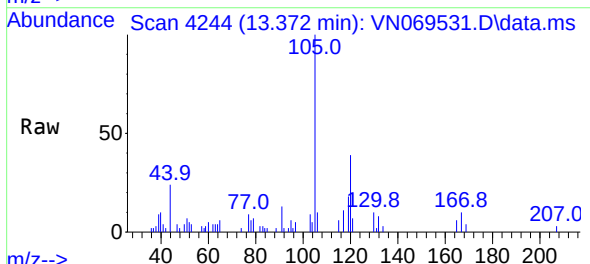
Tgt Ion:119 Resp: 16010
Ion Ratio Lower Upper
119 100
91 75.4 31.5 94.5
134 26.1 12.4 37.4

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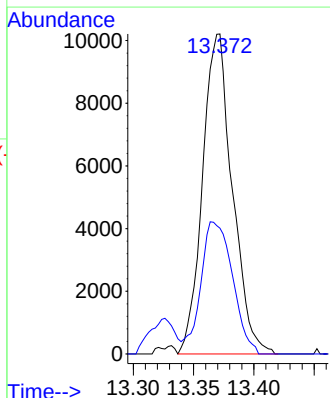
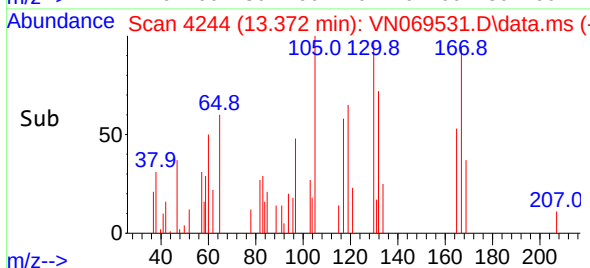
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

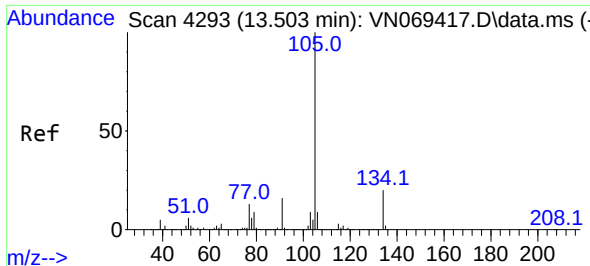


#84
1,2,4-Trimethylbenzene
Concen: 0.601 ug/l
RT: 13.372 min Scan# 4244
Delta R.T. 0.003 min
Lab File: VN069531.D
Acq: 17 Nov 2021 15:40



Tgt Ion:105 Resp: 17574
Ion Ratio Lower Upper
105 100
120 44.0 22.8 68.4





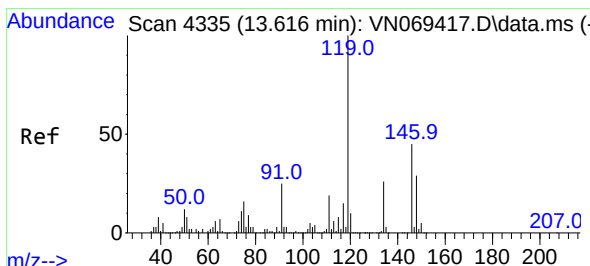
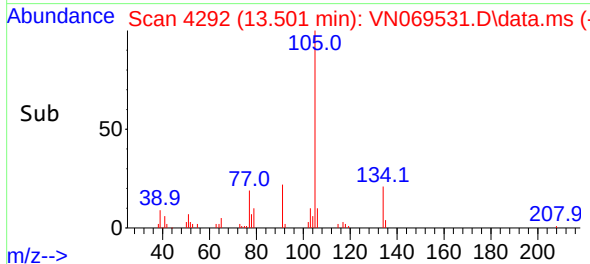
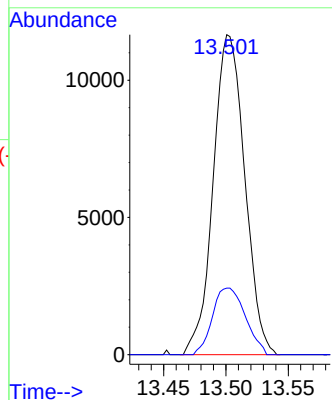
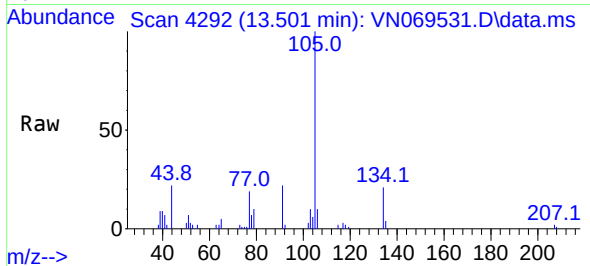
#85
 sec-Butylbenzene
 Concen: 0.553 ug/l
 RT: 13.501 min Scan# 4292
 Delta R.T. -0.002 min
 Lab File: VN069531.D
 Acq: 17 Nov 2021 15:40

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

Tgt Ion:105 Resp: 20520
 Ion Ratio Lower Upper
 105 100
 134 21.7 10.4 31.1

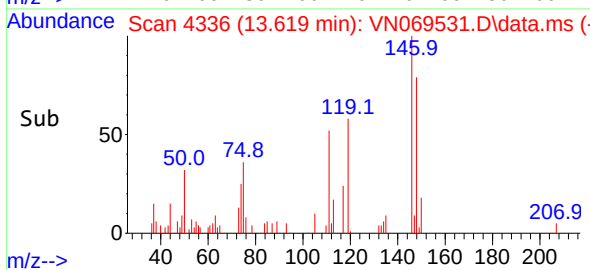
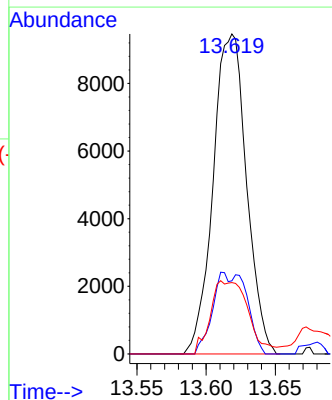
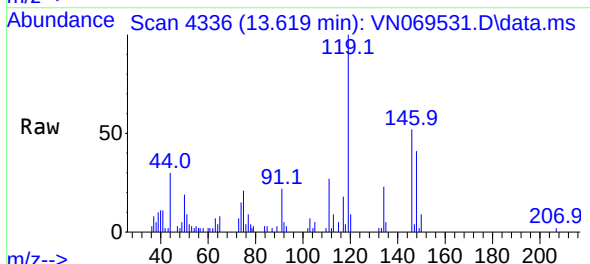
Manual Integrations
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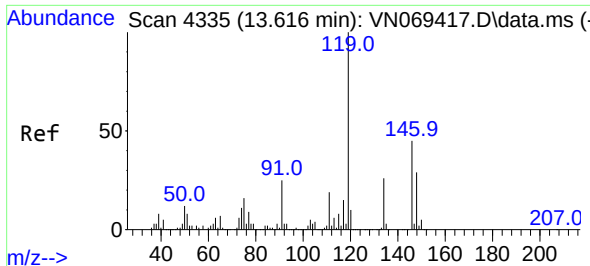
Reviewed By :John Carlone 11/18/2021
 Supervised By :Mahesh Dadoda 11/18/2021



#86
 p-Isopropyltoluene
 Concen: 0.538 ug/l
 RT: 13.619 min Scan# 4336
 Delta R.T. 0.003 min
 Lab File: VN069531.D
 Acq: 17 Nov 2021 15:40

Tgt Ion:119 Resp: 15852
 Ion Ratio Lower Upper
 119 100
 134 12.7 13.6 40.7#
 91 25.7 11.4 34.1





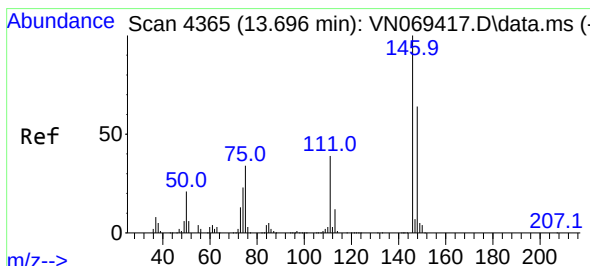
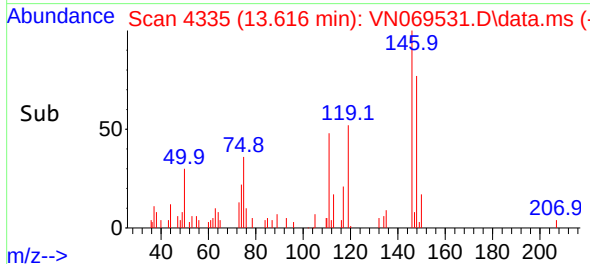
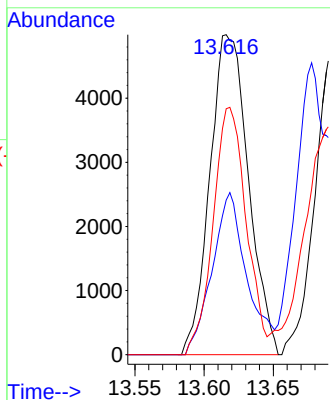
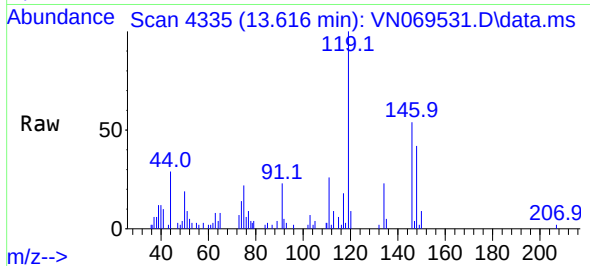
#87
1,3-Dichlorobenzene
Concen: 0.651 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. -0.000 min
Lab File: VN069531.D
Acq: 17 Nov 2021 15:40

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

Tgt Ion:146 Resp: 9678
Ion Ratio Lower Upper
146 100
111 45.9 18.6 55.6
148 66.4 31.6 95.0

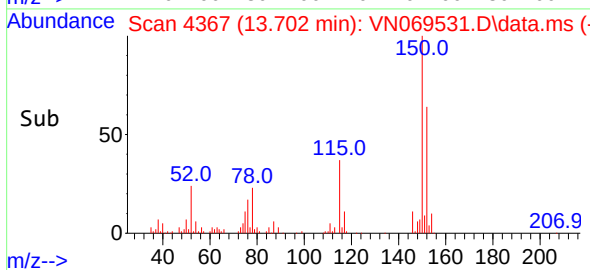
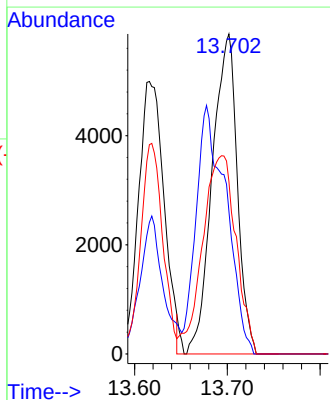
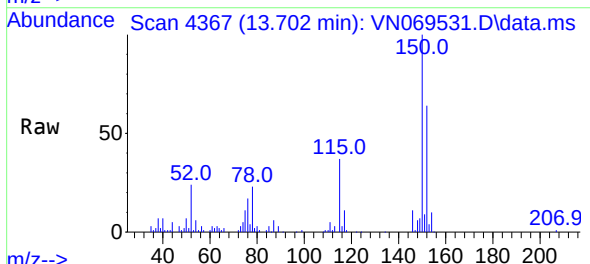
Manual Integrations
APPROVED

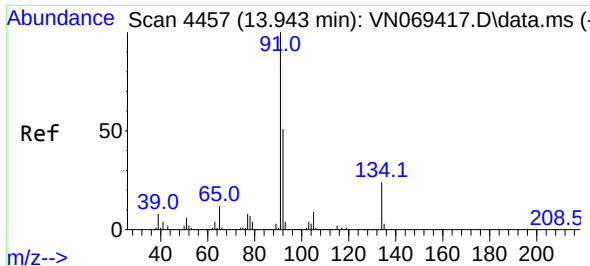
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#88
1,4-Dichlorobenzene
Concen: 0.760 ug/l m
RT: 13.702 min Scan# 4367
Delta R.T. 0.006 min
Lab File: VN069531.D
Acq: 17 Nov 2021 15:40

Tgt Ion:146 Resp: 11085
Ion Ratio Lower Upper
146 100
111 40.1 18.3 54.8
148 58.0 31.8 95.4





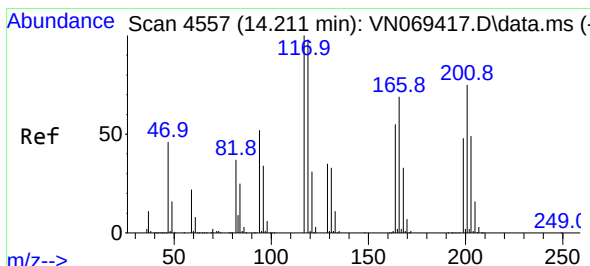
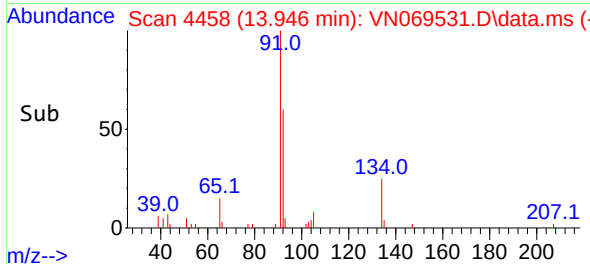
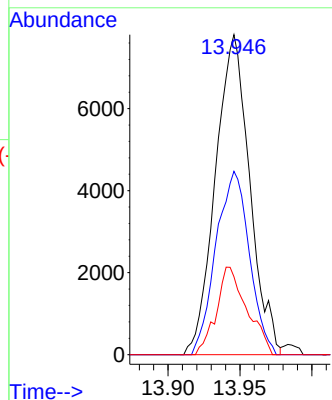
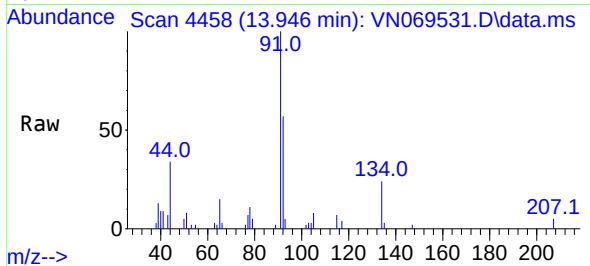
#89
n-Butylbenzene
Concen: 0.527 ug/l
RT: 13.946 min Scan# 4458
Delta R.T. 0.003 min
Lab File: VN069531.D
Acq: 17 Nov 2021 15:40

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

Tgt Ion: 91 Resp: 12950
Ion Ratio Lower Upper
91 100
92 55.8 25.4 76.0
134 24.4 13.6 40.8

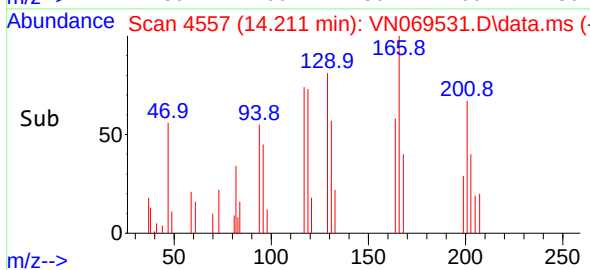
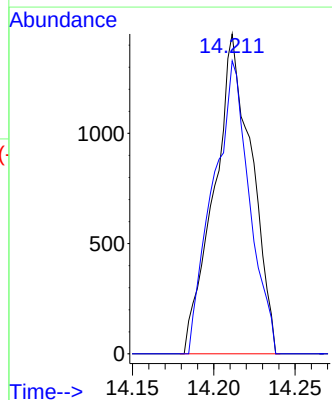
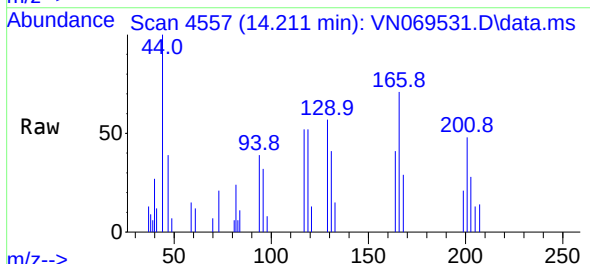
Manual Integrations
APPROVED

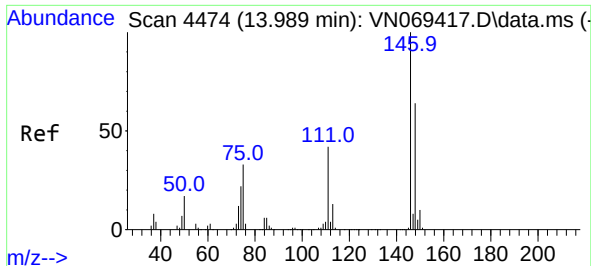
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#90
Hexachloroethane
Concen: 0.483 ug/l
RT: 14.211 min Scan# 4557
Delta R.T. 0.000 min
Lab File: VN069531.D
Acq: 17 Nov 2021 15:40

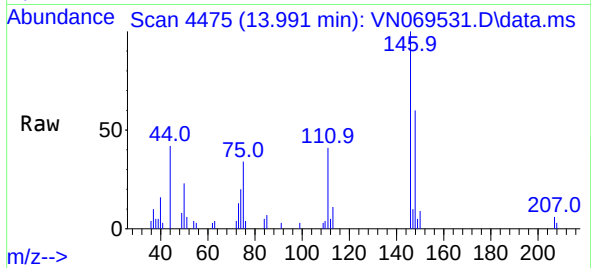
Tgt Ion:117 Resp: 2334
Ion Ratio Lower Upper
117 100
201 88.7 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 0.749 ug/l
RT: 13.991 min Scan# 4475
Delta R.T. 0.002 min
Lab File: VN069531.D
Acq: 17 Nov 2021 15:40

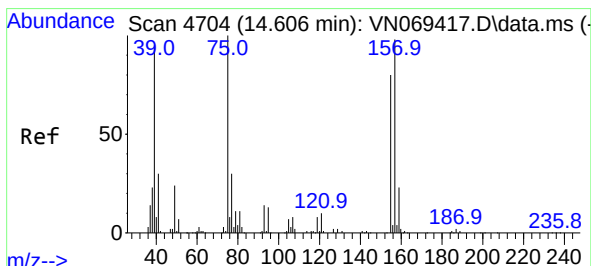
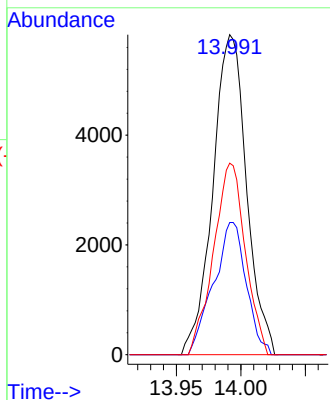
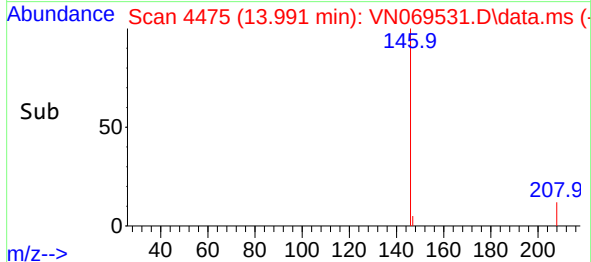
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



Tgt Ion:146 Resp: 1059
Ion Ratio Lower Upper
146 100
111 40.2 19.1 57.3
148 56.5 32.1 96.3

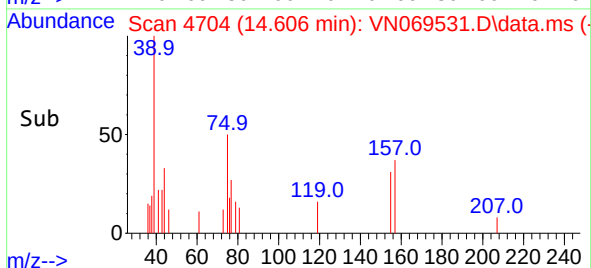
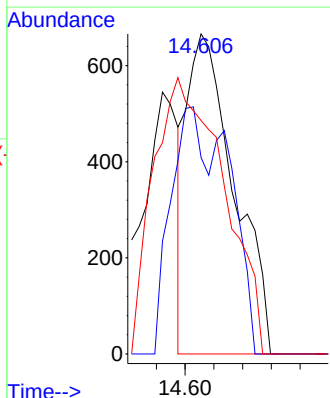
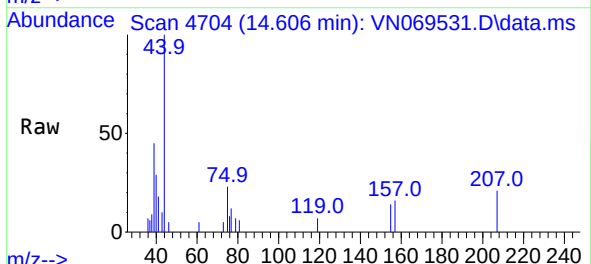
Manual Integrations
APPROVED

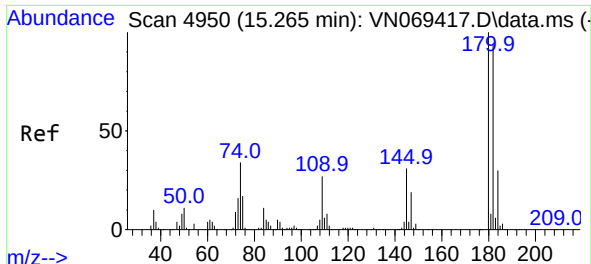
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.374 ug/l
RT: 14.606 min Scan# 4704
Delta R.T. -0.000 min
Lab File: VN069531.D
Acq: 17 Nov 2021 15:40

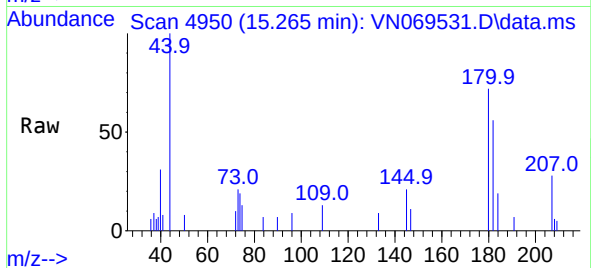
Tgt Ion: 75 Resp: 765
Ion Ratio Lower Upper
75 100
155 58.0 46.9 140.7
157 128.1 60.6 181.7





#93
1,2,4-Trichlorobenzene
Concen: 0.630 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. 0.000 min
Lab File: VN069531.D
Acq: 17 Nov 2021 15:40

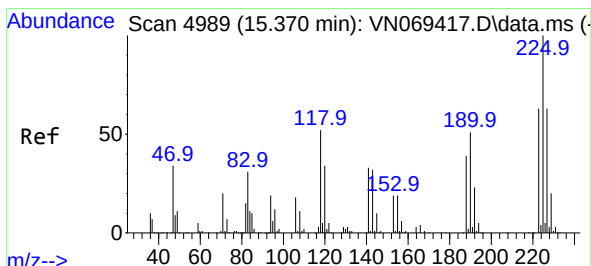
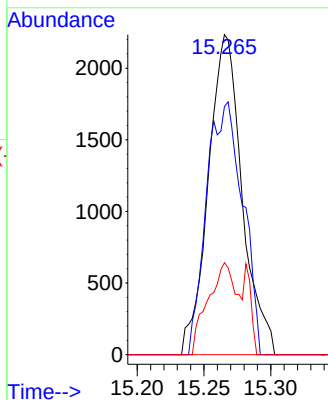
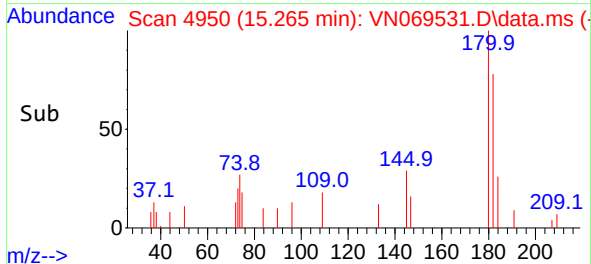
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



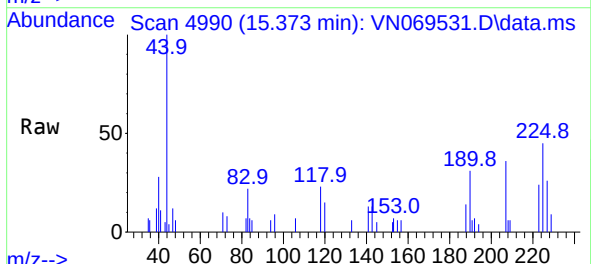
Tgt Ion:180 Resp: 3928
Ion Ratio Lower Upper
180 100
182 84.5 48.3 144.9
145 24.8 14.5 43.5

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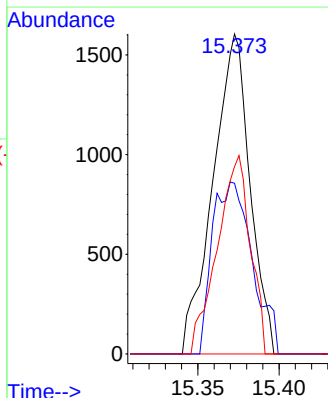
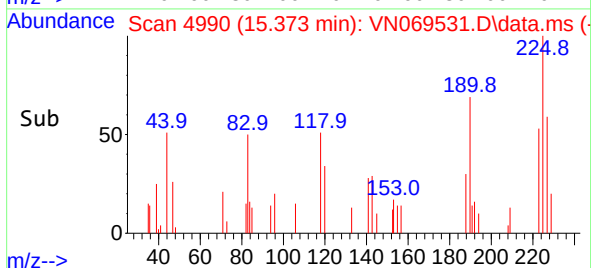
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

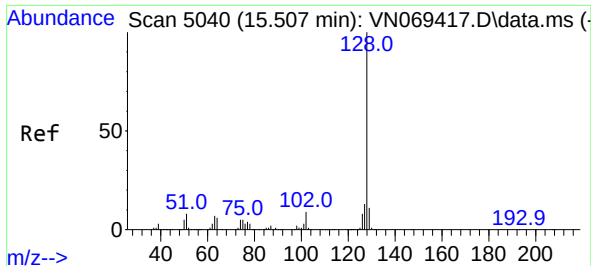


#94
Hexachlorobutadiene
Concen: 0.690 ug/l
RT: 15.373 min Scan# 4990
Delta R.T. 0.003 min
Lab File: VN069531.D
Acq: 17 Nov 2021 15:40



Tgt Ion:225 Resp: 2537
Ion Ratio Lower Upper
225 100
223 58.1 31.9 95.7
227 55.3 32.1 96.3





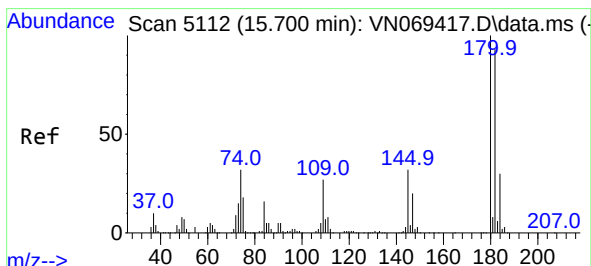
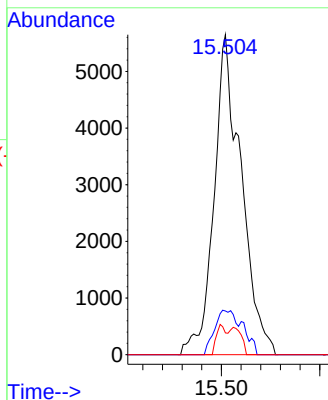
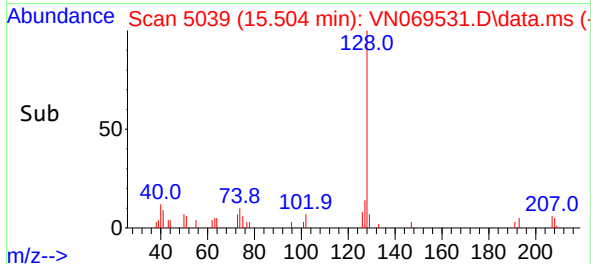
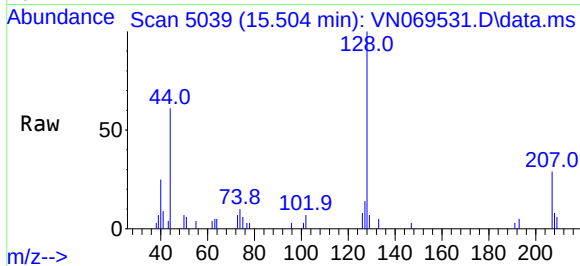
#95
Naphthalene
Concen: 0.649 ug/l
RT: 15.504 min Scan# 5040
Delta R.T. -0.003 min
Lab File: VN069531.D
Acq: 17 Nov 2021 15:40

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

Tgt Ion:128 Resp: 1084
Ion Ratio Lower Upper
128 100
127 14.3 10.5 15.7
129 3.6 8.7 13.1

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 0.545 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. -0.000 min
Lab File: VN069531.D
Acq: 17 Nov 2021 15:40

Tgt Ion:180 Resp: 3254
Ion Ratio Lower Upper
180 100
182 104.0 47.4 142.2
145 14.5 15.0 45.1

