

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111721\
 Data File : VN069530.D
 Acq On : 17 Nov 2021 15:05
 Operator : JC/MD
 Sample : M4068-07 .5PPB
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Nov 18 08:11:53 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	8.086	168	1143117	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1900525	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	1680711	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	572698	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	917516	55.357	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 110.720%			
35) Dibromofluoromethane	8.024	113	613174	53.794	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 107.580%			
50) Toluene-d8	10.443	98	2382591	53.147	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 106.300%			
62) 4-Bromofluorobenzene	12.733	95	751570	45.636	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 91.280%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	4898	0.401	ug/l	93
3) Chloromethane	2.306	50	8690	0.614	ug/l #	85
4) Vinyl Chloride	2.445	62	7129	0.503	ug/l #	85
5) Bromomethane	2.866	94	6517	0.708	ug/l	82
6) Chloroethane	3.022	64	5359	0.560	ug/l	98
7) Trichlorofluoromethane	3.379	101	10244	0.467	ug/l	96
8) Diethyl Ether	3.832	74	3398	0.479	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.213	101	2748	0.266	ug/l #	83
10) Methyl Iodide	4.419	142	6186m	0.489	ug/l	
11) Tert butyl alcohol	5.312	59	15763m	5.278	ug/l	
12) 1,1-Dichloroethene	4.178	96	4509	0.487	ug/l	95
13) Acrolein	4.036	56	2669m	5.688	ug/l	
14) Allyl chloride	4.851	41	11293m	0.551	ug/l	
15) Acrylonitrile	5.564	53	17988m	2.352	ug/l	
16) Acetone	4.301	43	27739	3.102	ug/l #	88
17) Carbon Disulfide	4.527	76	10117	0.462	ug/l #	88
18) Methyl Acetate	4.867	43	17878	0.615	ug/l #	74
19) Methyl tert-butyl Ether	5.621	73	18367	0.468	ug/l	94
20) Methylene Chloride	5.084	84	10033m	0.791	ug/l	
21) trans-1,2-Dichloroethene	5.599	96	5038	0.487	ug/l	96
22) Diisopropyl ether	6.500	45	19933	0.452	ug/l #	94
23) Vinyl Acetate	6.439	43	57143	1.674	ug/l #	93
24) 1,1-Dichloroethane	6.393	63	10584	0.471	ug/l #	95
25) 2-Butanone	7.348	43	27739	2.291	ug/l	90
26) 2,2-Dichloropropane	7.327	77	8990m	0.511	ug/l	
27) cis-1,2-Dichloroethene	7.329	96	5399	0.421	ug/l	67
28) Bromochloromethane	7.659	49	5717	0.497	ug/l #	80
29) Tetrahydrofuran	7.699	42	16352	2.200	ug/l	89
30) Chloroform	7.817	83	11384	0.494	ug/l	90
31) Cyclohexane	8.086	56	39315	1.736	ug/l #	47
32) 1,1,1-Trichloroethane	8.021	97	8342m	0.434	ug/l	
36) 1,1-Dichloropropene	8.220	75	8699	0.544	ug/l #	89
37) Ethyl Acetate	7.420	43	8491	0.393	ug/l #	87
38) Carbon Tetrachloride	8.212	117	7428	0.481	ug/l	85
39) Methylcyclohexane	9.456	83	9546	0.480	ug/l	92
40) Benzene	8.464	78	25109	0.509	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	4189	0.375	ug/l #	55
42) 1,2-Dichloroethane	8.533	62	11206	0.580	ug/l	93
43) Isopropyl Acetate	8.566	43	14336	0.413	ug/l #	64
44) Trichloroethene	9.215	130	6216	0.526	ug/l	92
45) 1,2-Dichloropropane	9.491	63	6782	0.514	ug/l #	88
46) Dibromomethane	9.577	93	3840	0.435	ug/l	92
47) Bromodichloromethane	9.762	83	7096	0.430	ug/l	91
48) Methyl methacrylate	9.563	41	6441	0.394	ug/l	91
49) 1,4-Dioxane	9.585	88	2324m	7.976	ug/l	
51) 4-Methyl-2-Pentanone	10.336	43	48102	2.146	ug/l	93
52) Toluene	10.505	92	15135	0.492	ug/l	97
53) t-1,3-Dichloropropene	10.722	75	6346	0.368	ug/l #	85
54) cis-1,3-Dichloropropene	10.191	75	6508	0.346	ug/l #	78
55) 1,1,2-Trichloroethane	10.904	97	5947	0.480	ug/l	93
56) Ethyl methacrylate	10.765	69	8481	0.413	ug/l #	76
57) 1,3-Dichloropropane	11.046	76	10044	0.461	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.043	63	10488	2.205	ug/l	97
59) 2-Hexanone	11.089	43	36107	2.162	ug/l	86
60) Dibromochloromethane	11.237	129	3900	0.336	ug/l	94
61) 1,2-Dibromoethane	11.347	107	5428	0.432	ug/l	97
64) Tetrachloroethene	10.974	164	5544	0.546	ug/l	89
65) Chlorobenzene	11.771	112	15751	0.503	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.840	131	4672	0.431	ug/l #	62
67) Ethyl Benzene	11.846	91	27498	0.477	ug/l	96
68) m/p-Xylenes	11.958	106	18338	0.864	ug/l	94
69) o-Xylene	12.283	106	9613	0.454	ug/l	95
70) Styrene	12.294	104	12846	0.378	ug/l	93
71) Bromoform	12.454	173	2577	0.333	ug/l #	29
73) Isopropylbenzene	12.578	105	21868	0.480	ug/l	96
74) N-amyl acetate	12.393	43	8616	0.446	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.825	83	8594	0.559	ug/l	96
76) 1,2,3-Trichloropropane	12.881	75	7706m	0.583	ug/l	
77) Bromobenzene	12.859	156	6617	0.635	ug/l	88
78) n-propylbenzene	12.921	91	25468	0.496	ug/l	98
79) 2-Chlorotoluene	13.010	91	17492	0.551	ug/l	92
80) 1,3,5-Trimethylbenzene	13.061	105	19208	0.521	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.629	75	1274m	0.323	ug/l	
82) 4-Chlorotoluene	13.106	91	14586	0.482	ug/l	98
83) tert-Butylbenzene	13.321	119	15264	0.473	ug/l	94
84) 1,2,4-Trimethylbenzene	13.369	105	17702	0.497	ug/l	90
85) sec-Butylbenzene	13.503	105	20559	0.456	ug/l	97
86) p-Isopropyltoluene	13.618	119	15518	0.433	ug/l	95
87) 1,3-Dichlorobenzene	13.616	146	9255	0.512	ug/l	95
88) 1,4-Dichlorobenzene	13.696	146	10219m	0.576	ug/l	
89) n-Butylbenzene	13.943	91	13406	0.449	ug/l	98
90) Hexachloroethane	14.214	117	2094	0.356	ug/l #	39
91) 1,2-Dichlorobenzene	13.994	146	8910	0.518	ug/l	76
92) 1,2-Dibromo-3-Chloropr...	14.603	75	1020	0.410	ug/l #	57
93) 1,2,4-Trichlorobenzene	15.271	180	3674	0.485	ug/l	97
94) Hexachlorobutadiene	15.370	225	2165	0.484	ug/l #	52
95) Naphthalene	15.507	128	10685	0.526	ug/l #	93
96) 1,2,3-Trichlorobenzene	15.702	180	3333	0.459	ug/l	87

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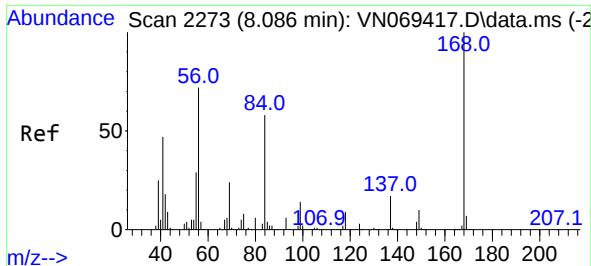
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations APPROVED

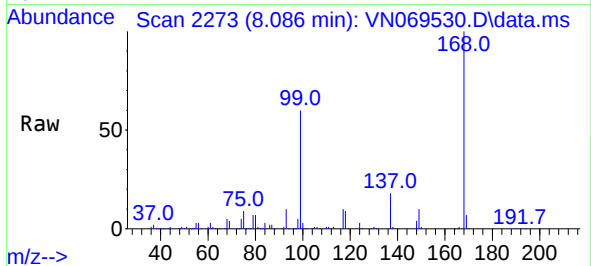
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN069530.D
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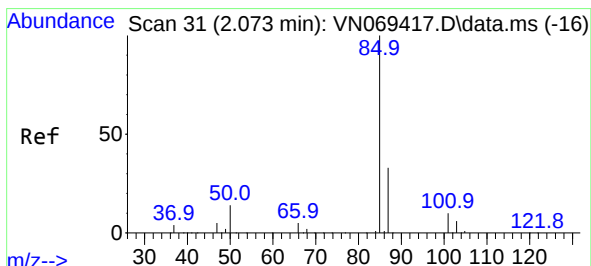
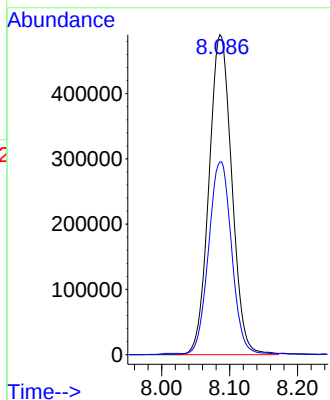
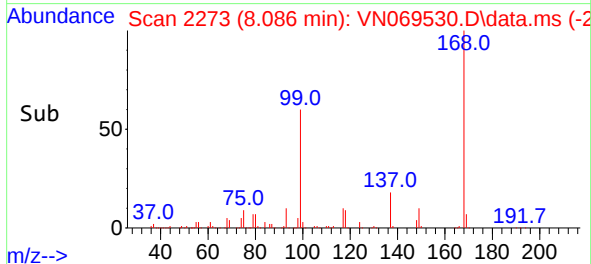
Instrument :
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Tgt Ion:168 Resp: 114311
Ion Ratio Lower Upper
168 100
99 59.9 41.3 61.9

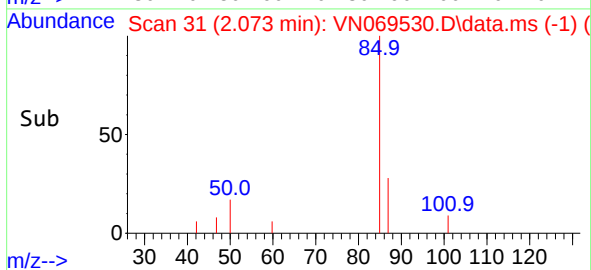
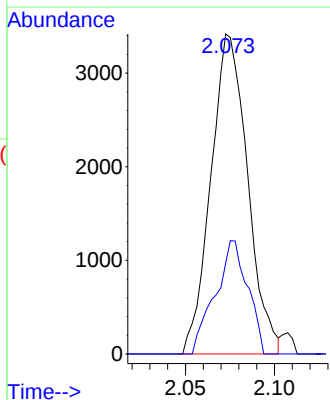
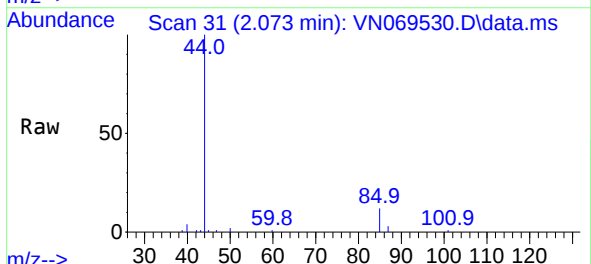
Manual Integrations
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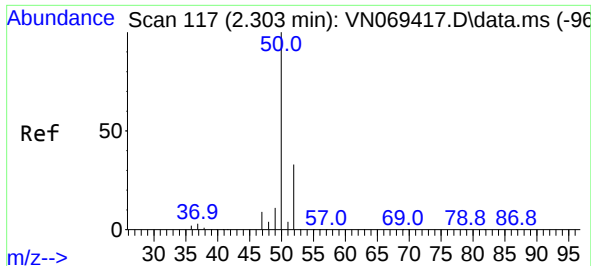
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#2
Dichlorodifluoromethane
Concen: 0.401 ug/l
RT: 2.073 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN069530.D
Acq: 17 Nov 2021 15:05

Tgt Ion: 85 Resp: 4898
Ion Ratio Lower Upper
85 100
87 28.4 16.3 48.9





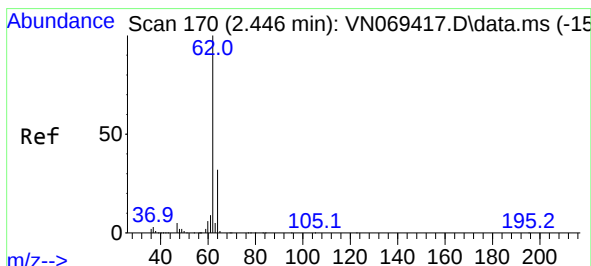
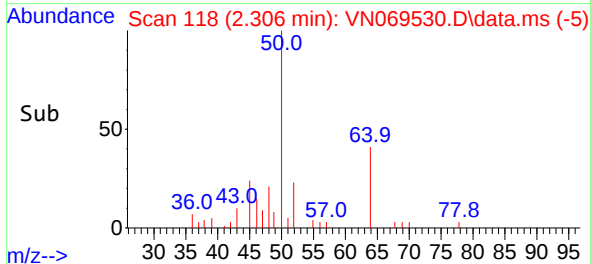
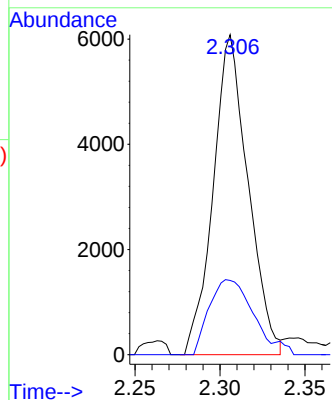
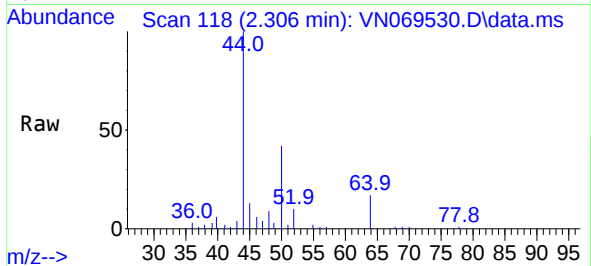
#3
Chloromethane
Concen: 0.614 ug/l
RT: 2.306 min Scan# 117
Delta R.T. 0.003 min
Lab File: VN069530.D
Acq: 17 Nov 2021 15:05

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Tgt Ion: 50 Resp: 8690
Ion Ratio Lower Upper
50 100
52 23.2 25.4 38.0

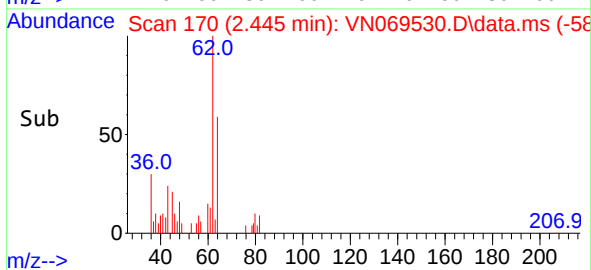
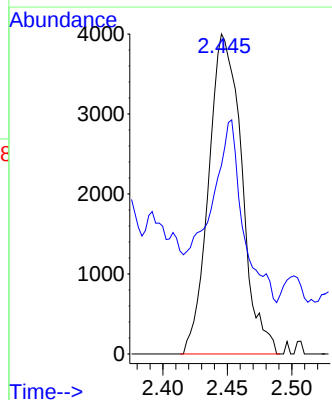
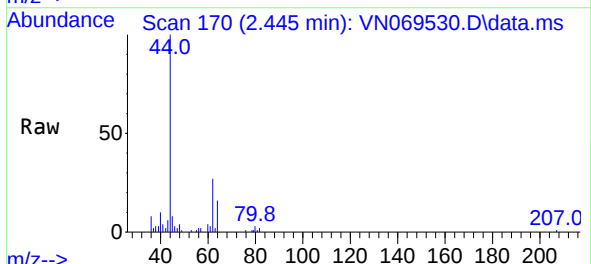
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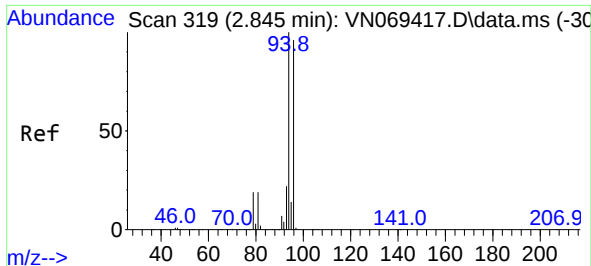
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#4
Vinyl Chloride
Concen: 0.503 ug/l
RT: 2.445 min Scan# 170
Delta R.T. -0.001 min
Lab File: VN069530.D
Acq: 17 Nov 2021 15:05

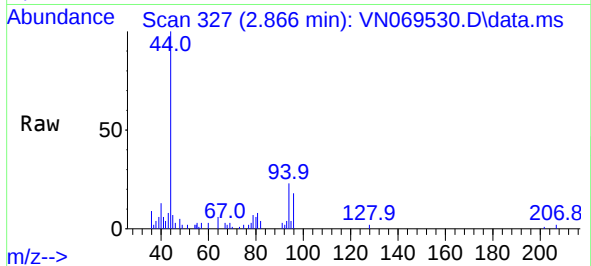
Tgt Ion: 62 Resp: 7129
Ion Ratio Lower Upper
62 100
64 40.4 25.8 38.6





#5
Bromomethane
Concen: 0.708 ug/l
RT: 2.866 min Scan# 319
Delta R.T. 0.021 min
Lab File: VN069530.D
Acq: 17 Nov 2021 15:05

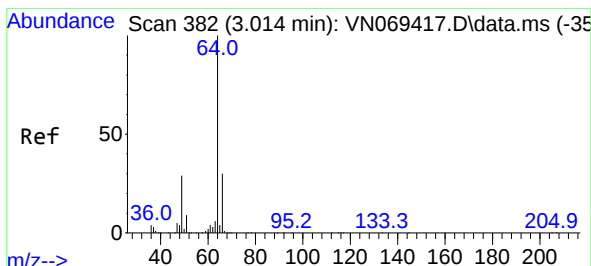
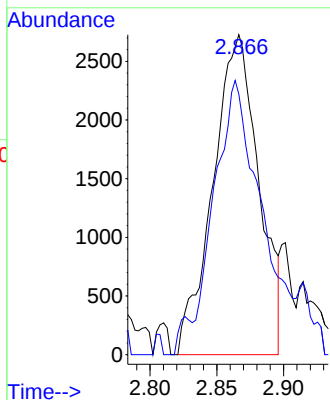
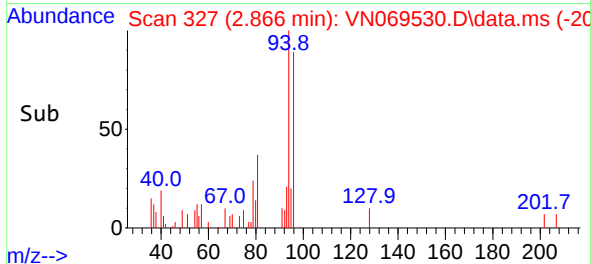
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Tgt Ion: 94 Resp: 651
Ion Ratio Lower Upper
94 100
96 74.7 73.8 110.8

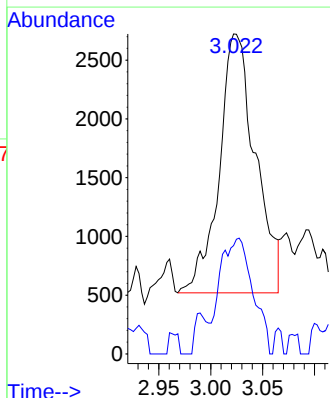
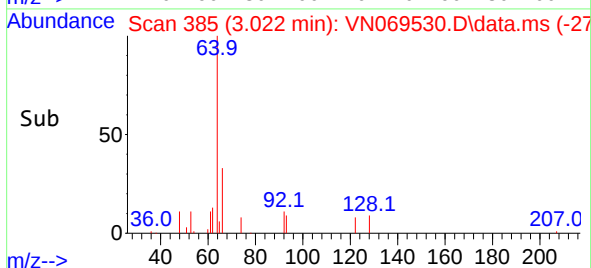
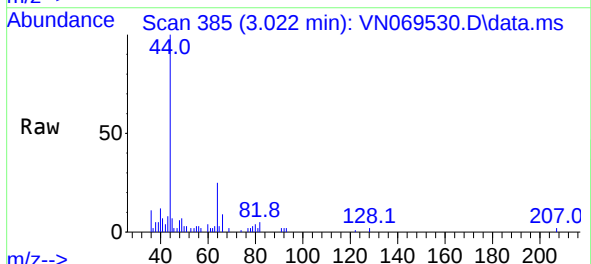
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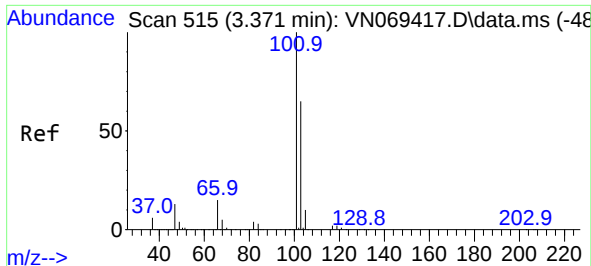
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#6
Chloroethane
Concen: 0.560 ug/l
RT: 3.022 min Scan# 385
Delta R.T. 0.008 min
Lab File: VN069530.D
Acq: 17 Nov 2021 15:05

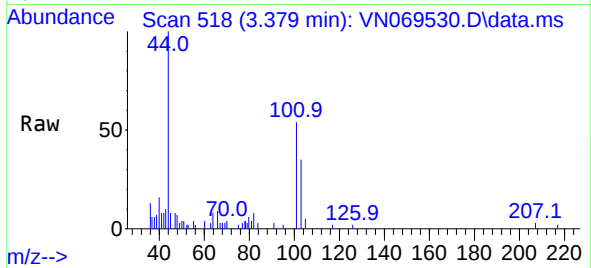
Tgt Ion: 64 Resp: 5359
Ion Ratio Lower Upper
64 100
66 34.1 26.3 39.5





#7
Trichlorofluoromethane
Concen: 0.467 ug/l
RT: 3.379 min Scan# 515
Delta R.T. 0.008 min
Lab File: VN069530.D
Acq: 17 Nov 2021 15:05

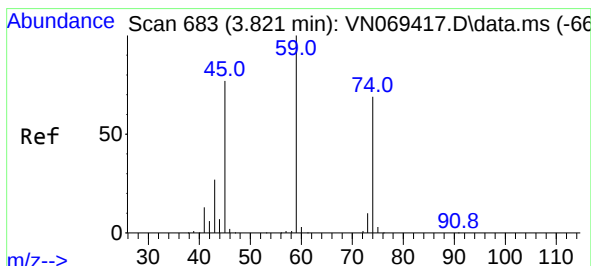
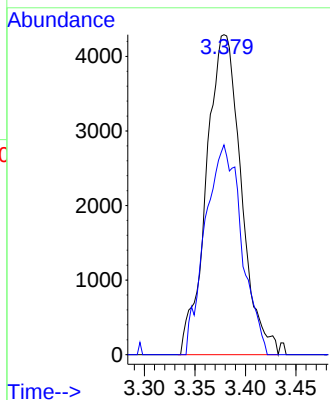
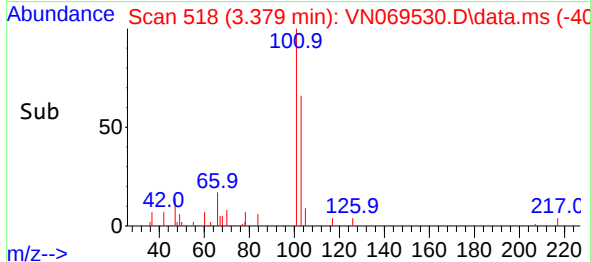
Instrument :
MSVOA_N
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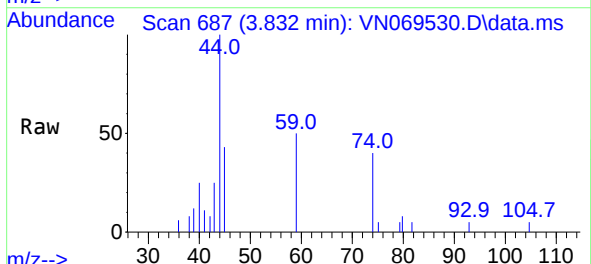
Tgt Ion:101 Resp: 10244
Ion Ratio Lower Upper
101 100
103 65.5 50.1 75.1

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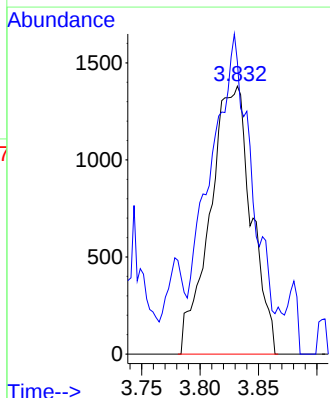
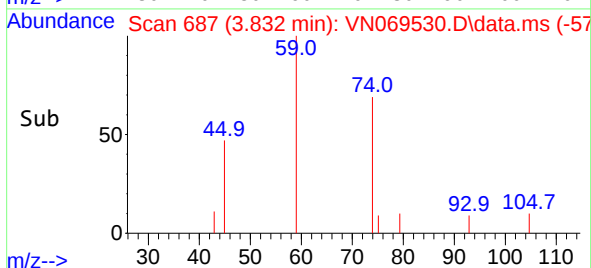
Reviewed By :John Carlone 11/18/2021
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#8
Diethyl Ether
Concen: 0.479 ug/l
RT: 3.832 min Scan# 687
Delta R.T. 0.011 min
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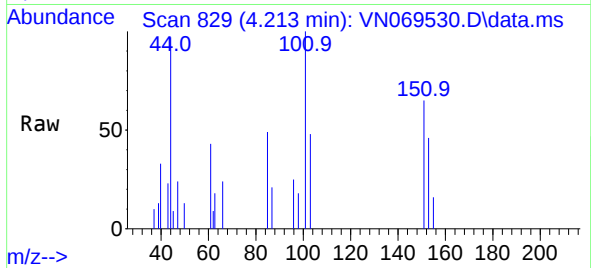
Tgt Ion: 74 Resp: 3398
Ion Ratio Lower Upper
74 100
45 107.6 47.0 141.2





#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.266 ug/l
RT: 4.213 min Scan# 81
Delta R.T. 0.011 min
Lab File: VN069530.D
Acq: 17 Nov 2021 15:05

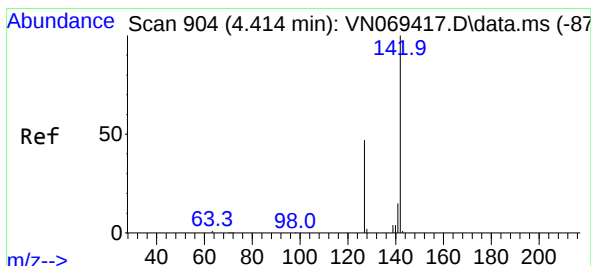
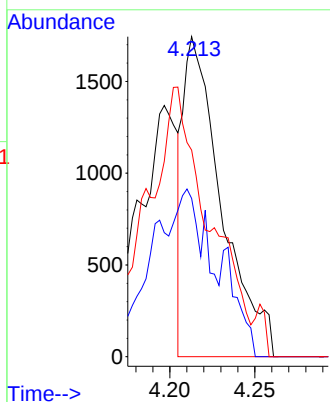
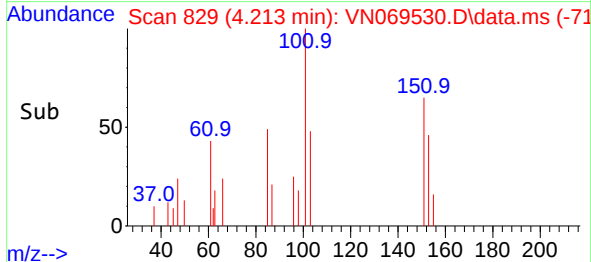
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



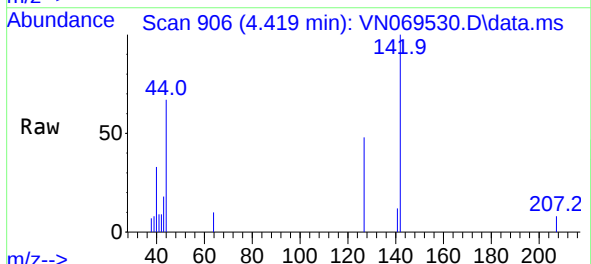
Tgt Ion:101 Resp: 274
Ion Ratio Lower Upper
101 100
85 39.9 37.2 55.8
151 101.5 65.9 98.9

Manual Integrations
APPROVED

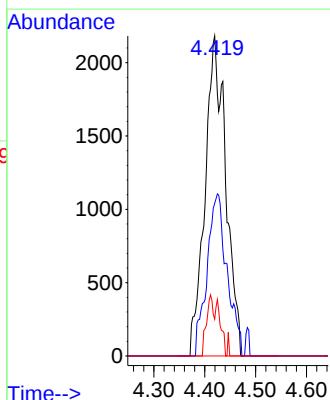
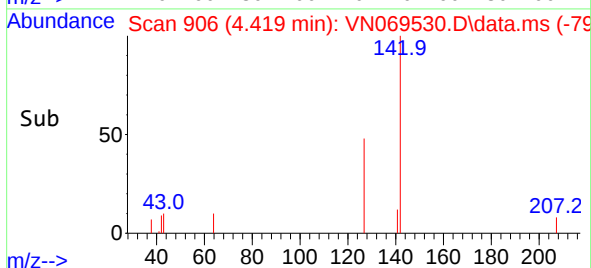
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

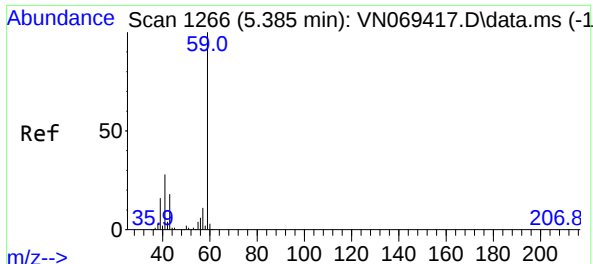


#10
Methyl Iodide
Concen: 0.489 ug/l m
RT: 4.419 min Scan# 906
Delta R.T. 0.005 min
Lab File: VN069530.D
Acq: 17 Nov 2021 15:05



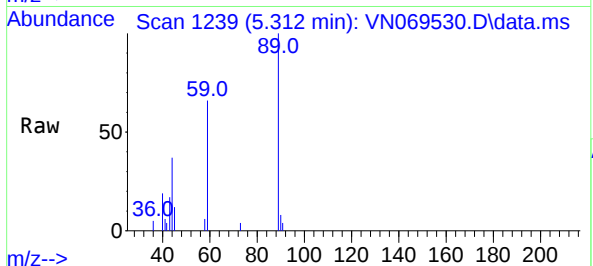
Tgt Ion:142 Resp: 6186
Ion Ratio Lower Upper
142 100
127 48.8 35.4 53.0
141 4.5 11.6 17.4





#11
Tert butyl alcohol
Concen: 5.278 ug/l m
RT: 5.312 min Scan# 11
Delta R.T. -0.073 min
Lab File: VN069530.D
Acq: 17 Nov 2021 15:05

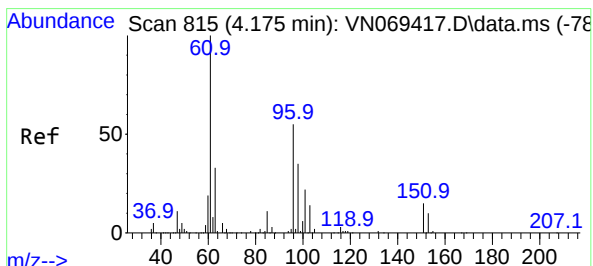
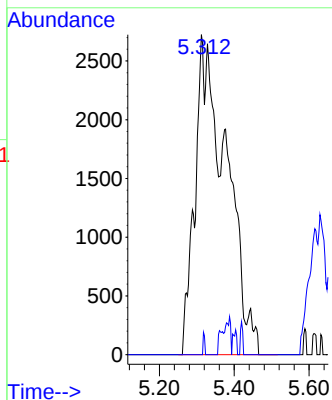
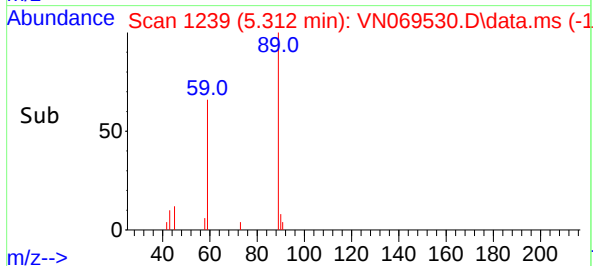
Instrument : MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



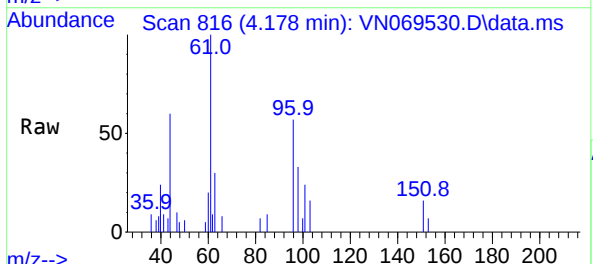
Tgt Ion: 59 Resp: 1576
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1

Manual Integrations
APPROVED

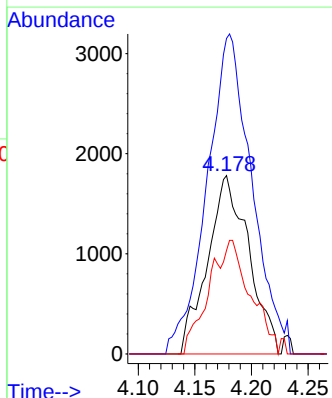
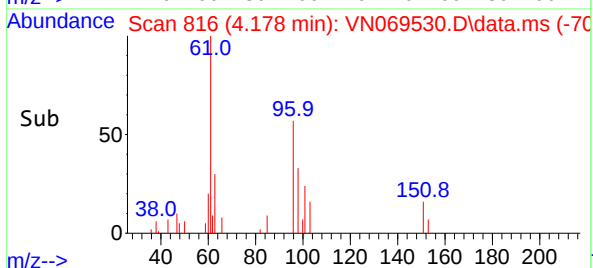
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#12
1,1-Dichloroethene
Concen: 0.487 ug/l
RT: 4.178 min Scan# 816
Delta R.T. 0.003 min
Lab File: VN069530.D
Acq: 17 Nov 2021 15:05



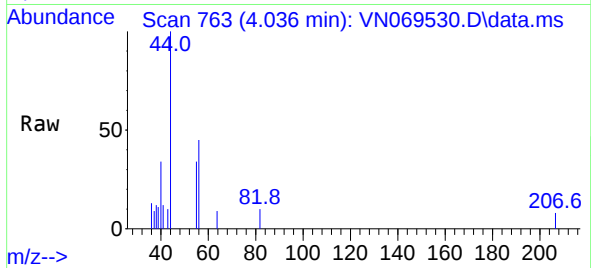
Tgt Ion: 96 Resp: 4509
Ion Ratio Lower Upper
96 100
61 160.1 131.0 196.6
98 58.0 52.4 78.6





#13
Acrolein
Concen: 5.688 ug/l m
RT: 4.036 min Scan# 763
Delta R.T. -0.005 min
Lab File: VN069530.D
Acq: 17 Nov 2021 15:05

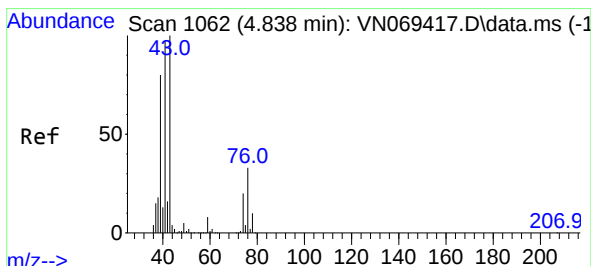
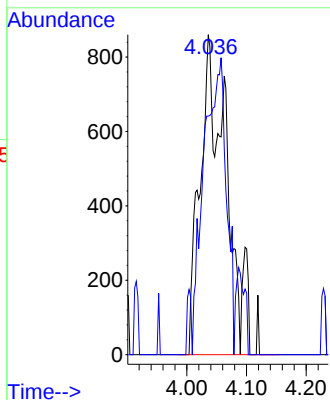
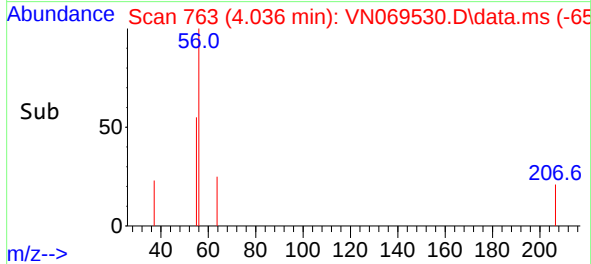
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT4-2021



Tgt Ion: 56 Resp: 2669
Ion Ratio Lower Upper
56 100
55 0.0 56.6 85.0#

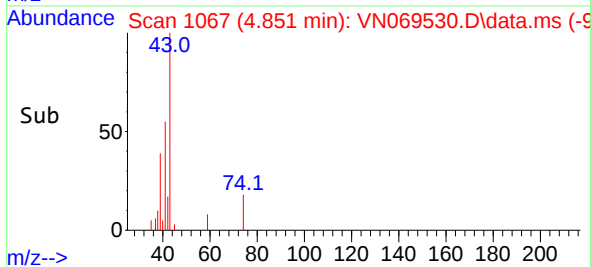
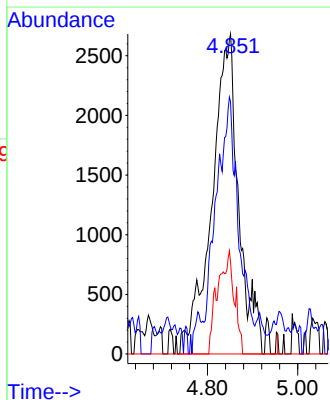
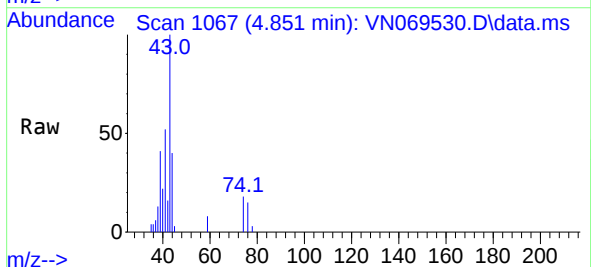
Manual Integrations
APPROVED

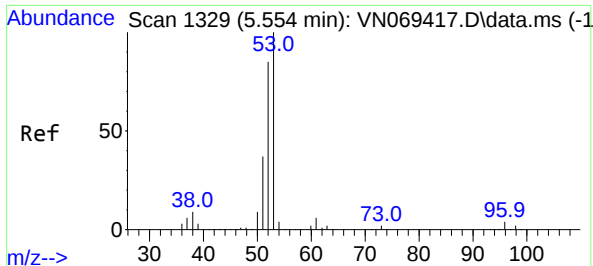
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#14
Allyl chloride
Concen: 0.551 ug/l m
RT: 4.851 min Scan# 1067
Delta R.T. 0.013 min
Lab File: VN069530.D
Acq: 17 Nov 2021 15:05

Tgt Ion: 41 Resp: 11293
Ion Ratio Lower Upper
41 100
39 0.0 61.2 91.8#
76 15.8 26.0 39.0#





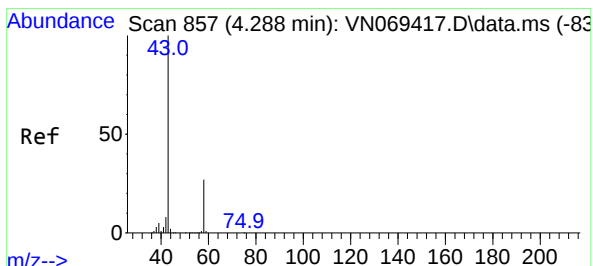
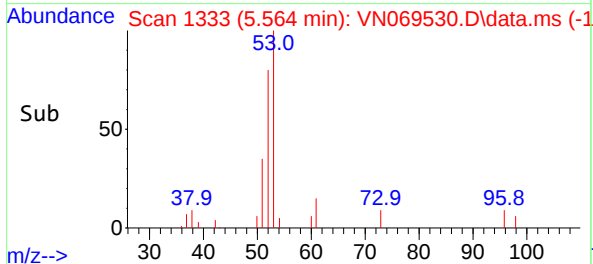
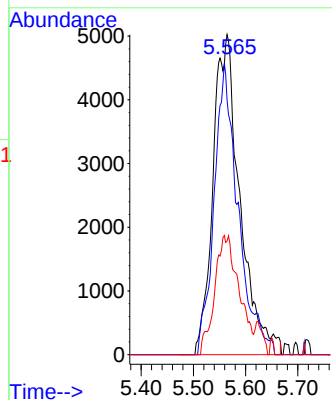
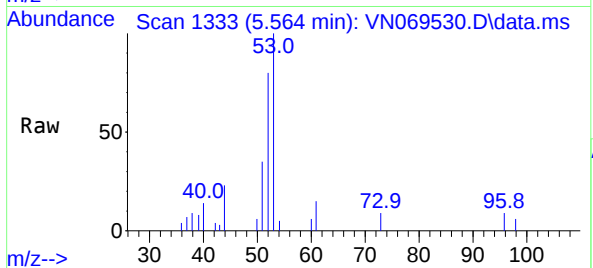
#15
Acrylonitrile
Concen: 2.352 ug/l m
RT: 5.564 min Scan# 11
Delta R.T. 0.010 min
Lab File: VN069530.D
Acq: 17 Nov 2021 15:05

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

Tgt Ion: 53 Resp: 1798
Ion Ratio Lower Upper
53 100
52 81.2 66.2 99.2
51 33.8 29.6 44.4

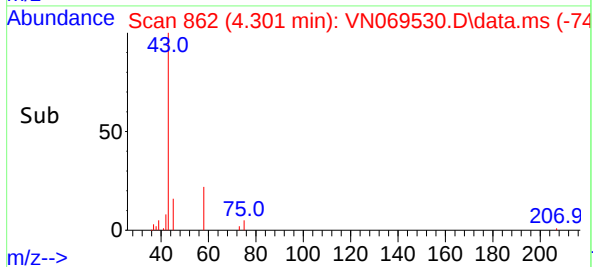
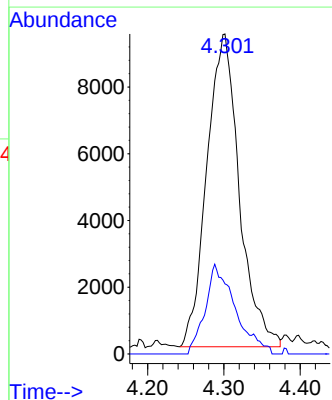
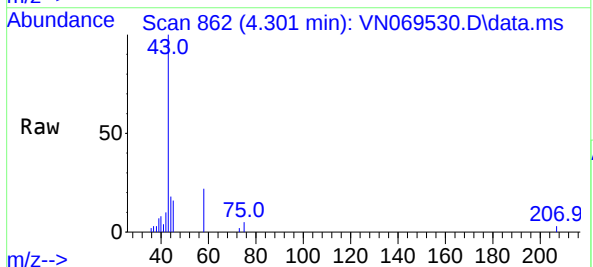
Manual Integrations
APPROVED

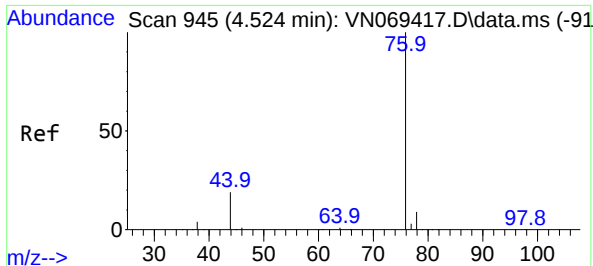
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#16
Acetone
Concen: 3.102 ug/l
RT: 4.301 min Scan# 862
Delta R.T. 0.013 min
Lab File: VN069530.D
Acq: 17 Nov 2021 15:05

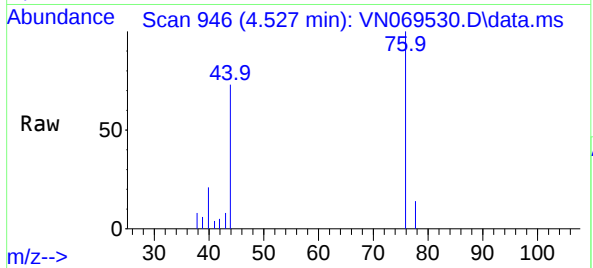
Tgt Ion: 43 Resp: 27739
Ion Ratio Lower Upper
43 100
58 22.4 23.1 34.7#





#17
Carbon Disulfide
Concen: 0.462 ug/l
RT: 4.527 min Scan# 945
Delta R.T. 0.003 min
Lab File: VN069530.D
Acq: 17 Nov 2021 15:05

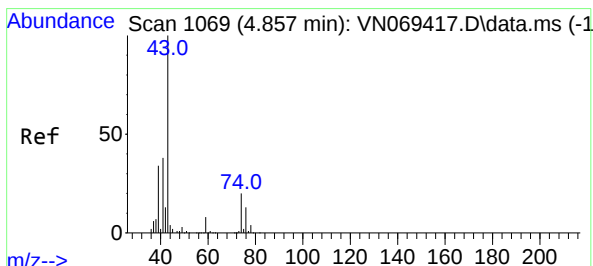
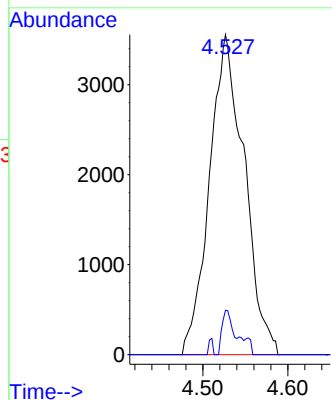
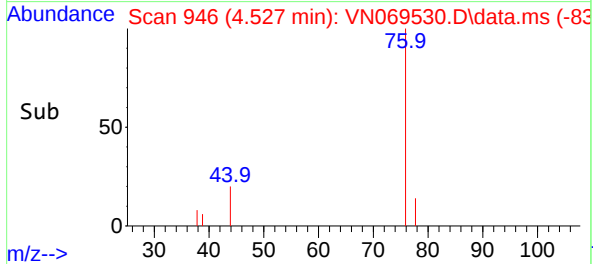
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



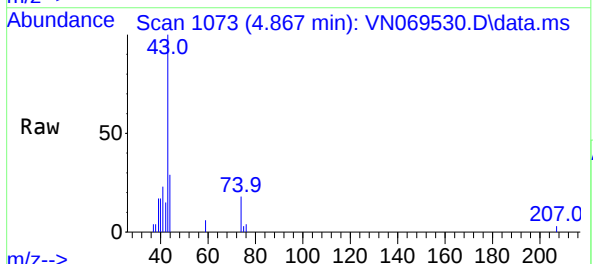
Tgt Ion: 76 Resp: 10117
Ion Ratio Lower Upper
76 100
78 13.9 7.5 11.3

Manual Integrations
APPROVED

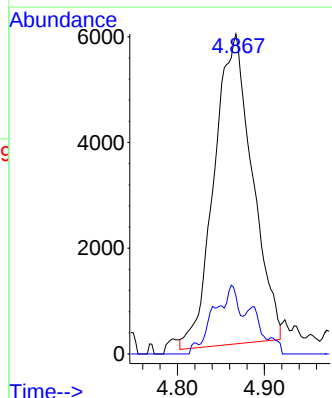
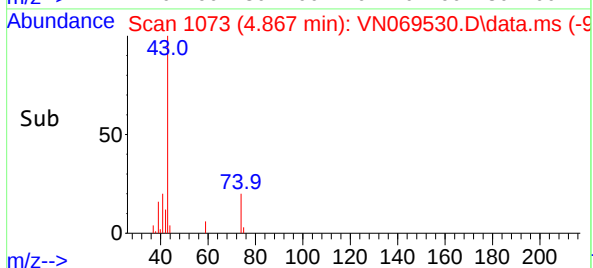
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

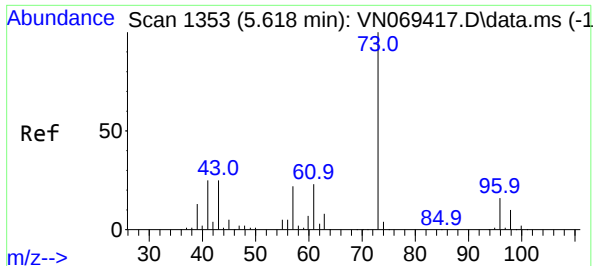


#18
Methyl Acetate
Concen: 0.615 ug/l
RT: 4.867 min Scan# 1073
Delta R.T. 0.010 min
Lab File: VN069530.D
Acq: 17 Nov 2021 15:05



Tgt Ion: 43 Resp: 17878
Ion Ratio Lower Upper
43 100
74 11.4 19.4 29.2





#19

Methyl tert-butyl Ether

Concen: 0.468 ug/l

RT: 5.621 min Scan# 1154

Delta R.T. 0.003 min

Lab File: VN069530.D

Acq: 17 Nov 2021 15:05

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2021

Tgt Ion: 73 Resp: 1836

Ion Ratio Lower Upper

73 100

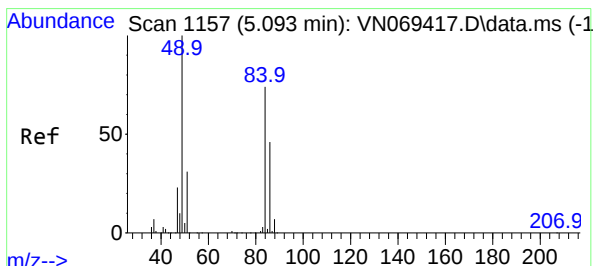
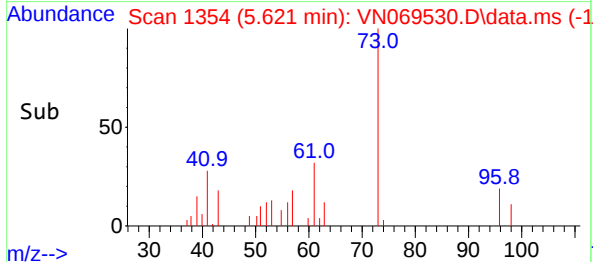
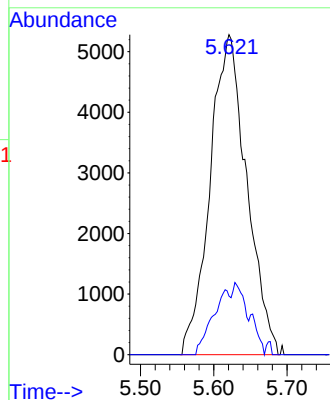
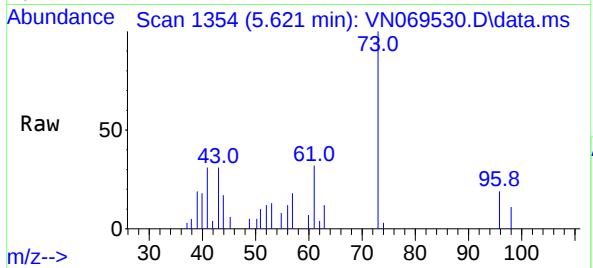
57 18.3 16.8 25.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2021

Supervised By :Mahesh Dadoda 11/18/2021



#20

Methylene Chloride

Concen: 0.791 ug/l m

RT: 5.084 min Scan# 1154

Delta R.T. -0.009 min

Lab File: VN069530.D

Acq: 17 Nov 2021 15:05

Tgt Ion: 84 Resp: 10033

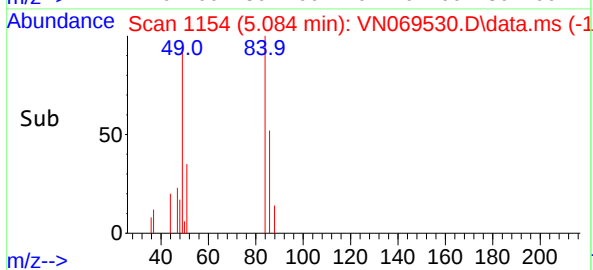
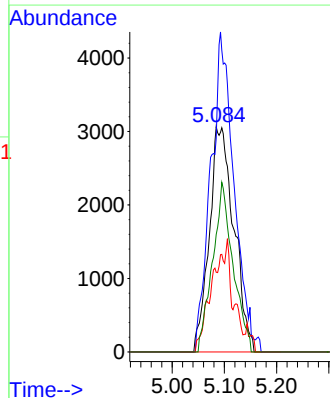
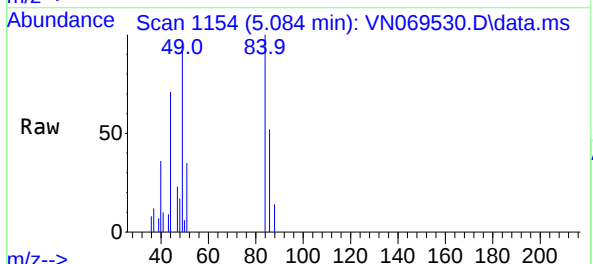
Ion Ratio Lower Upper

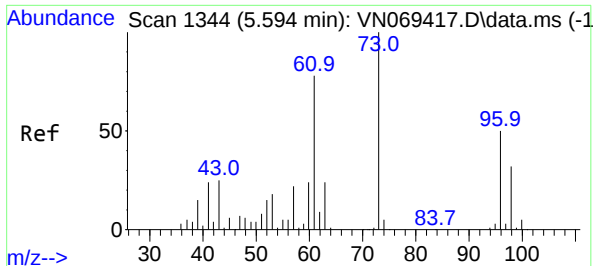
84 100

49 94.9 93.5 140.3

51 35.4 29.4 44.2

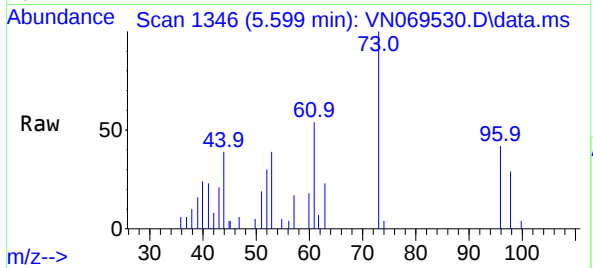
86 52.1 53.0 79.4#





#21
trans-1,2-Dichloroethene
Concen: 0.487 ug/l
RT: 5.599 min Scan# 1344
Delta R.T. 0.005 min
Lab File: VN069530.D
Acq: 17 Nov 2021 15:05

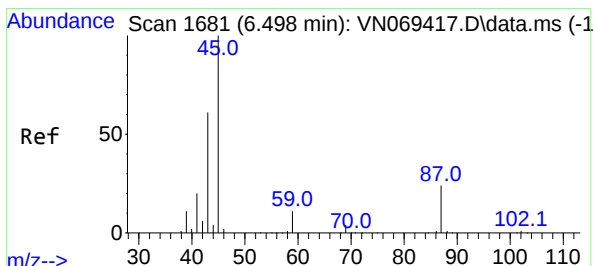
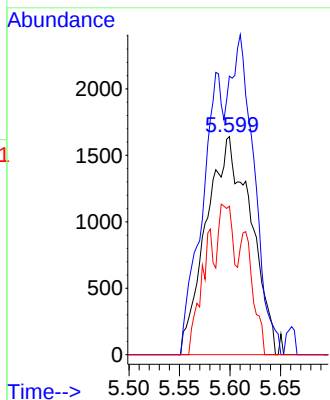
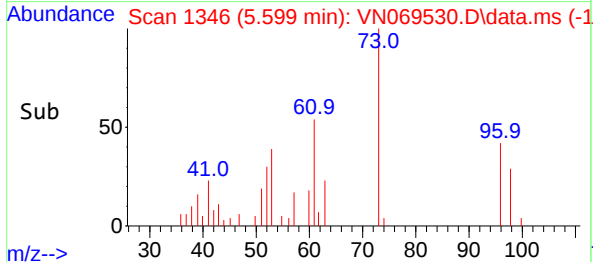
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



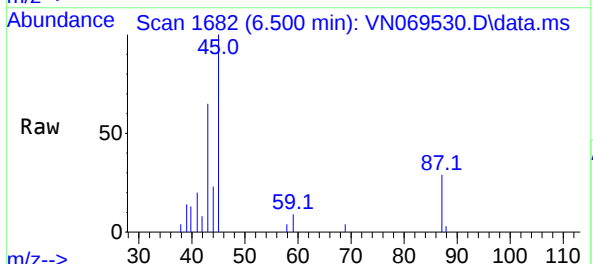
Tgt Ion: 96 Resp: 5038
Ion Ratio Lower Upper
96 100
61 127.7 105.8 158.6
98 68.1 52.0 78.0

Manual Integrations
APPROVED

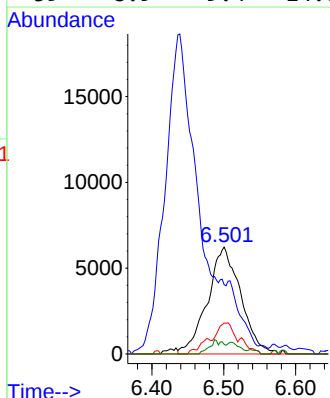
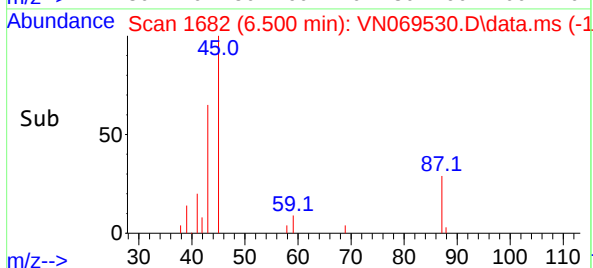
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

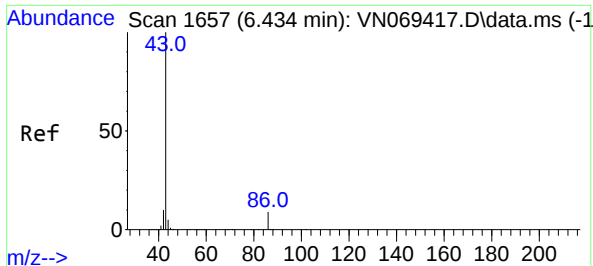


#22
Diisopropyl ether
Concen: 0.452 ug/l
RT: 6.500 min Scan# 1682
Delta R.T. 0.002 min
Lab File: VN069530.D
Acq: 17 Nov 2021 15:05



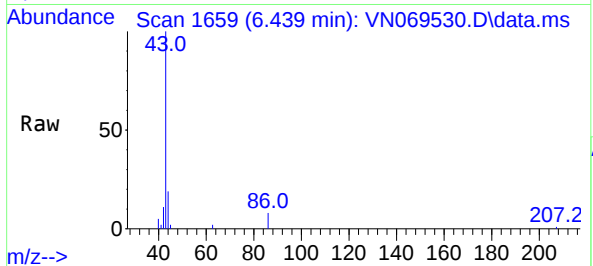
Tgt Ion: 45 Resp: 19933
Ion Ratio Lower Upper
45 100
43 58.3 51.7 77.5
87 28.8 23.2 34.8
59 8.9 9.4 14.0#





#23
 Vinyl Acetate
 Concen: 1.674 ug/l
 RT: 6.439 min Scan# 1659
 Delta R.T. 0.005 min
 Lab File: VN069530.D
 Acq: 17 Nov 2021 15:05

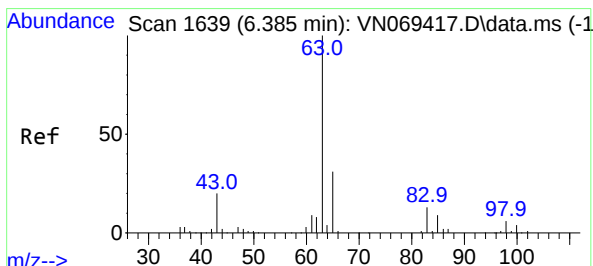
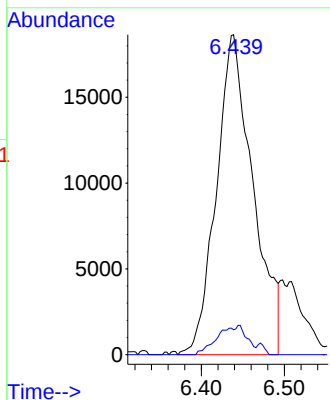
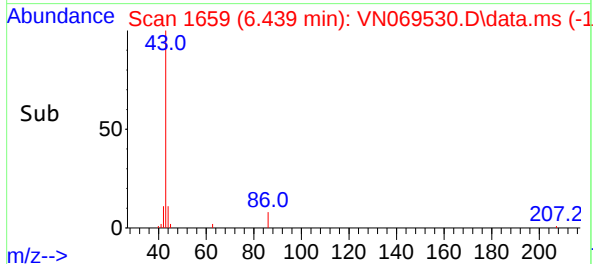
Instrument : MSVOA_N
 ClientSampleId : LOD-MDL-WATER-01-QT4-2021



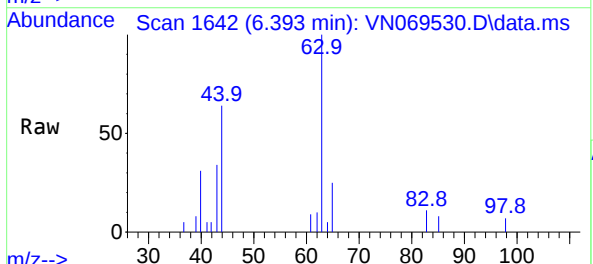
Tgt Ion: 43 Resp: 5714
 Ion Ratio Lower Upper
 43 100
 86 7.8 8.5 12.7

Manual Integrations
 APPROVED

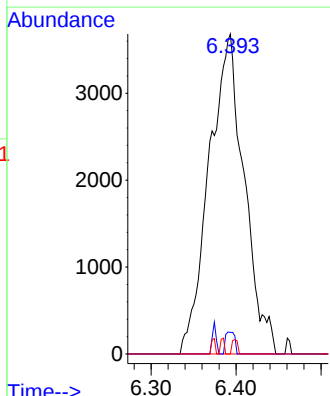
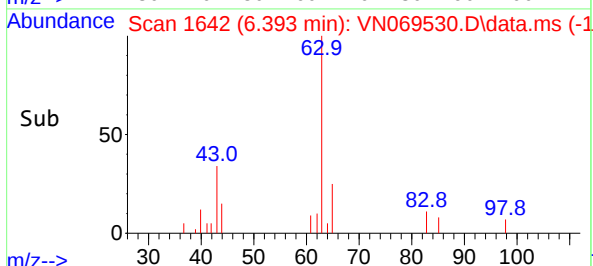
Reviewed By :John Carlone 11/18/2021
 Supervised By :Mahesh Dadoda 11/18/2021

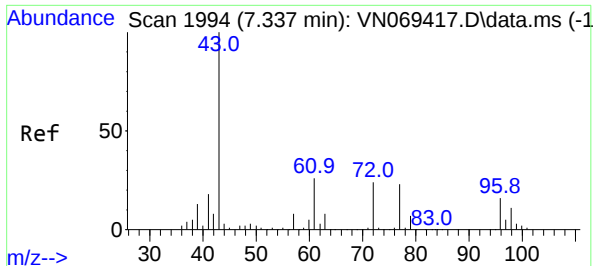


#24
 1,1-Dichloroethane
 Concen: 0.471 ug/l
 RT: 6.393 min Scan# 1642
 Delta R.T. 0.008 min
 Lab File: VN069530.D
 Acq: 17 Nov 2021 15:05



Tgt Ion: 63 Resp: 10584
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.3 9.9
 100 0.0 2.1 6.5





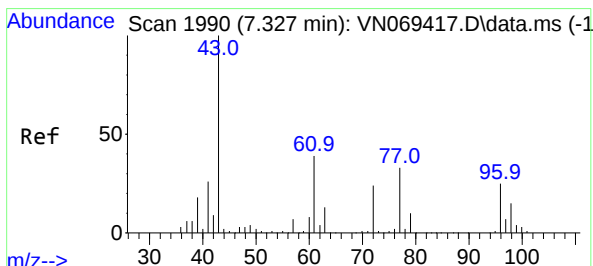
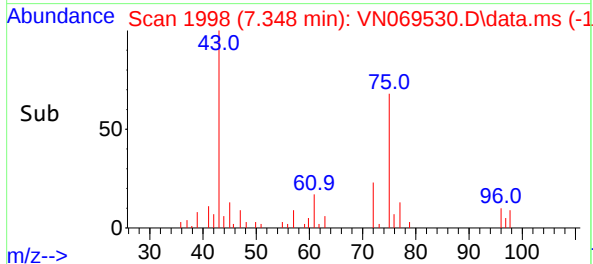
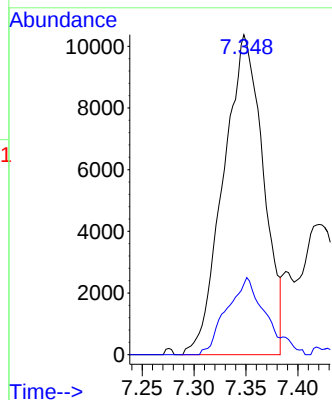
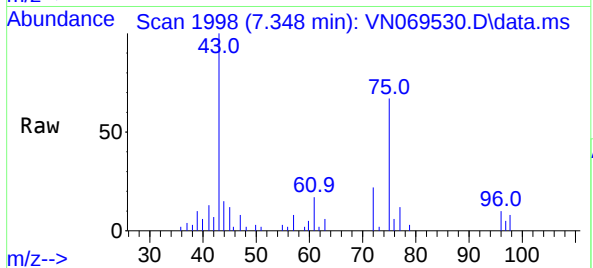
#25
2-Butanone
Concen: 2.291 ug/l
RT: 7.348 min Scan# 1998
Delta R.T. 0.011 min
Lab File: VN069530.D
Acq: 17 Nov 2021 15:05

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

Tgt Ion: 43 Resp: 27739
Ion Ratio Lower Upper
43 100
72 22.1 21.7 32.5

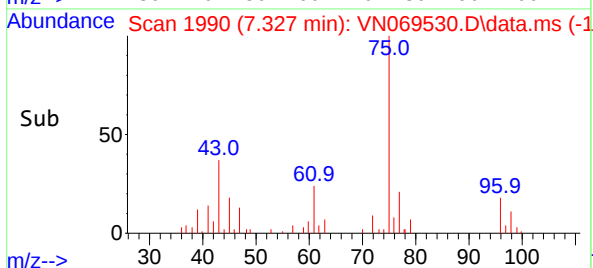
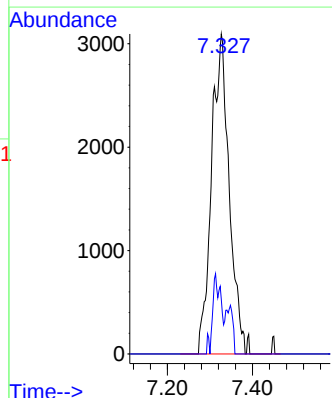
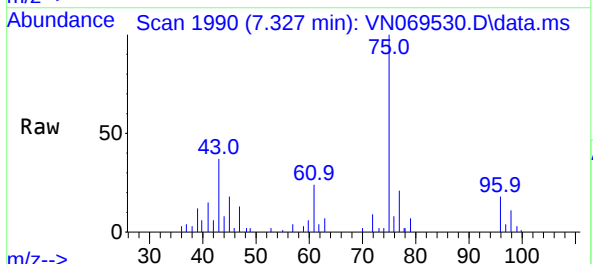
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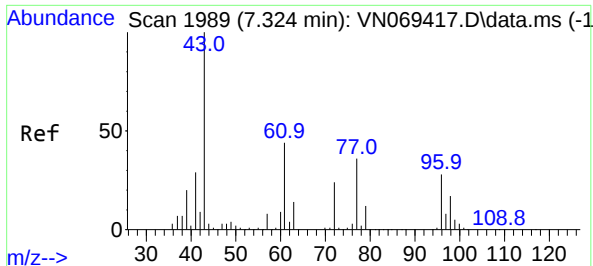
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#26
2,2-Dichloropropane
Concen: 0.511 ug/l m
RT: 7.327 min Scan# 1990
Delta R.T. -0.000 min
Lab File: VN069530.D
Acq: 17 Nov 2021 15:05

Tgt Ion: 77 Resp: 8990
Ion Ratio Lower Upper
77 100
97 6.7 11.6 34.8#





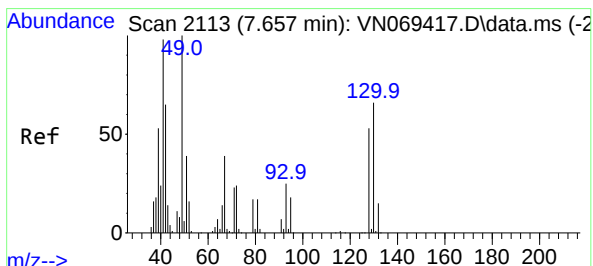
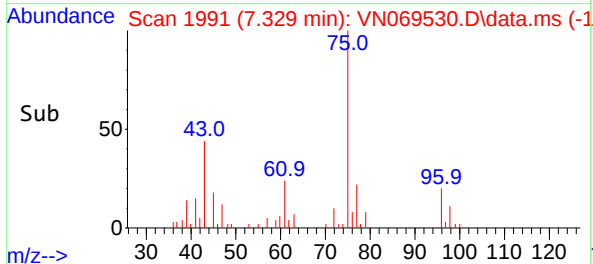
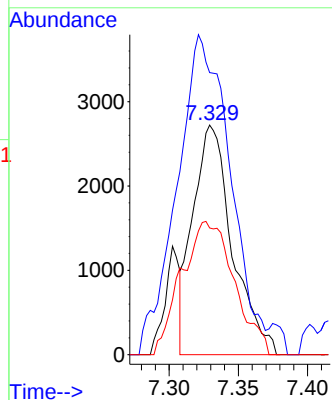
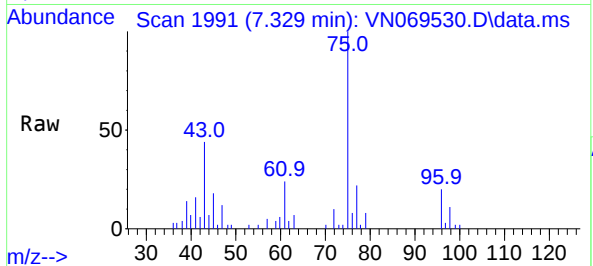
#27
 cis-1,2-Dichloroethene
 Concen: 0.421 ug/l
 RT: 7.329 min Scan# 1989
 Delta R.T. 0.005 min
 Lab File: VN069530.D
 Acq: 17 Nov 2021 15:05

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

Tgt Ion: 96 Resp: 5399
 Ion Ratio Lower Upper
 96 100
 61 187.1 0.0 275.0
 98 77.4 0.0 129.6

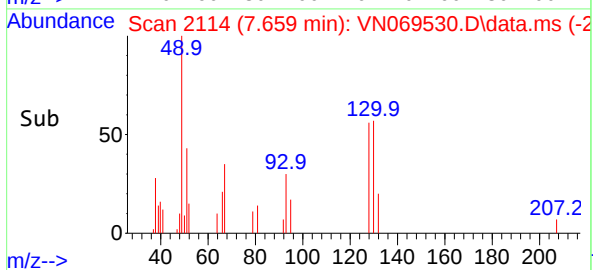
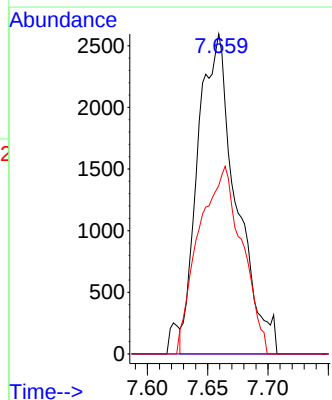
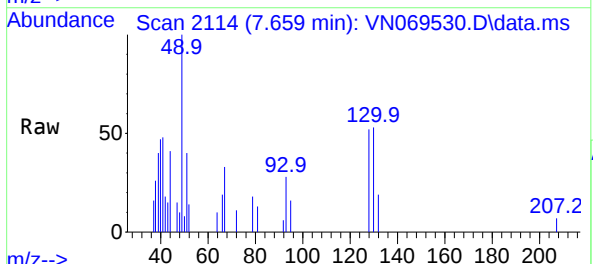
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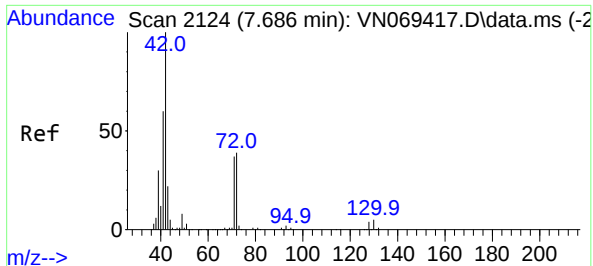
Reviewed By :John Carlone 11/18/2021
 Supervised By :Mahesh Dadoda 11/18/2021



#28
 Bromochloromethane
 Concen: 0.497 ug/l
 RT: 7.659 min Scan# 2114
 Delta R.T. 0.002 min
 Lab File: VN069530.D
 Acq: 17 Nov 2021 15:05

Tgt Ion: 49 Resp: 5717
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 4.0
 130 66.4 67.8 101.8#





#29

Tetrahydrofuran

Concen: 2.200 ug/l

RT: 7.699 min Scan# 2124

Delta R.T. 0.013 min

Lab File: VN069530.D

Acq: 17 Nov 2021 15:05

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2021

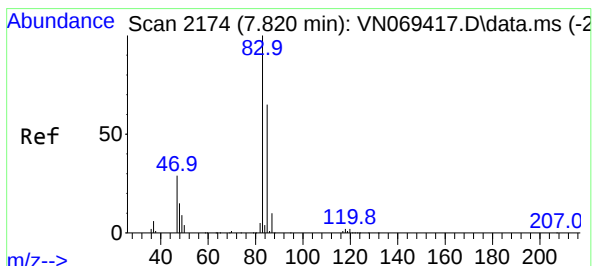
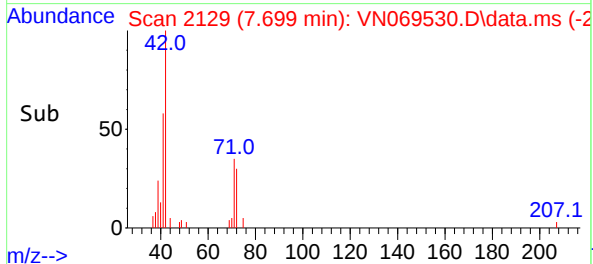
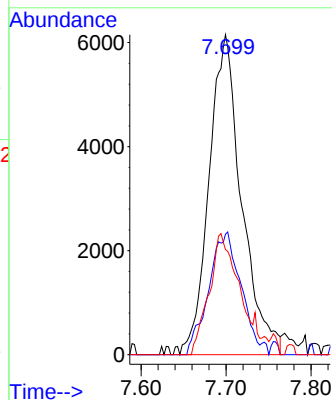
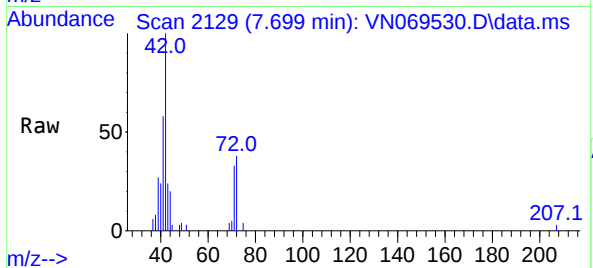
Tgt Ion: 42	Resp: 1635
Ion Ratio	Lower Upper
42	100
72	37.6 36.3 54.5
71	36.4 34.7 52.1

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Reviewed By :John Carlone 11/18/2021

Supervised By :Mahesh Dadoda 11/18/2021



#30

Chloroform

Concen: 0.494 ug/l

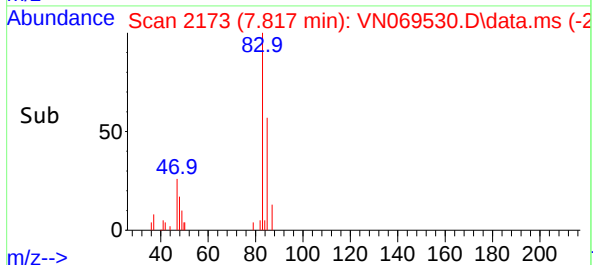
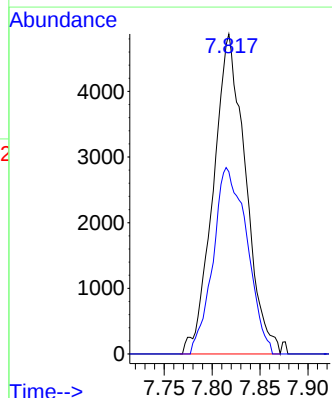
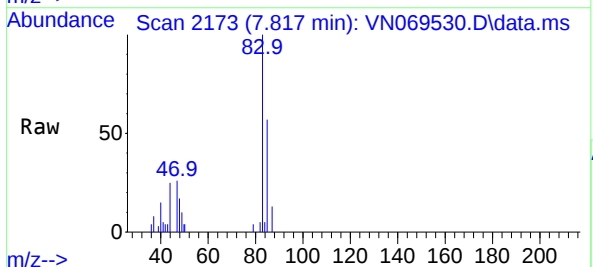
RT: 7.817 min Scan# 2173

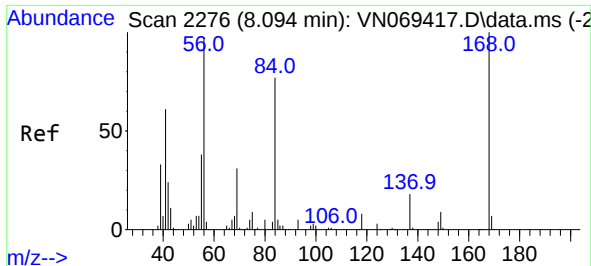
Delta R.T. -0.003 min

Lab File: VN069530.D

Acq: 17 Nov 2021 15:05

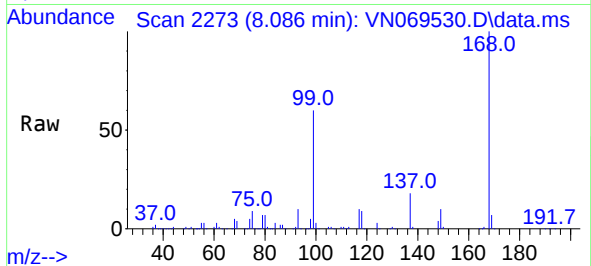
Tgt Ion: 83	Resp: 11384
Ion Ratio	Lower Upper
83	100
85	57.0 51.9 77.9





#31
Cyclohexane
Concen: 1.736 ug/l
RT: 8.086 min Scan# 2276
Delta R.T. -0.008 min
Lab File: VN069530.D
Acq: 17 Nov 2021 15:05

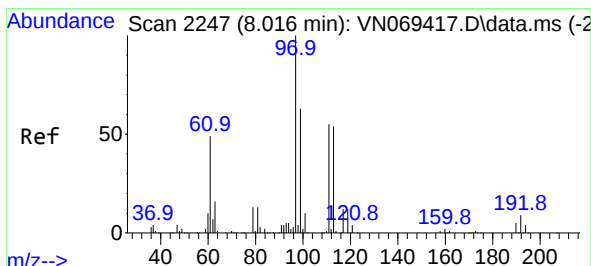
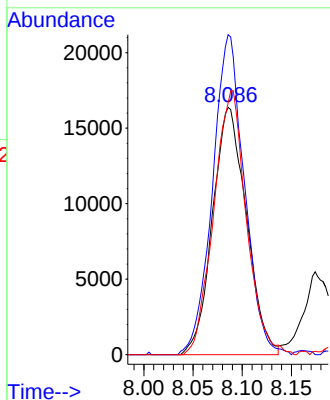
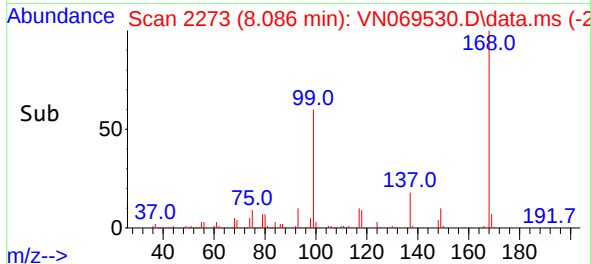
Instrument : MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



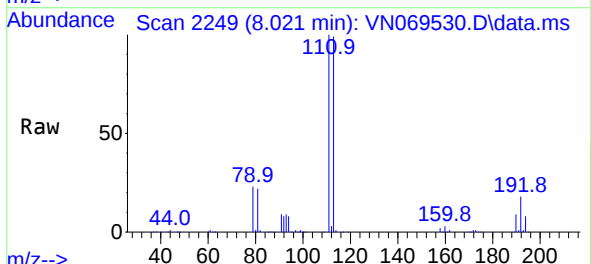
Tgt Ion: 56 Resp: 39315
Ion Ratio Lower Upper
56 100
69 129.4 27.1 40.7
84 101.7 73.4 110.0

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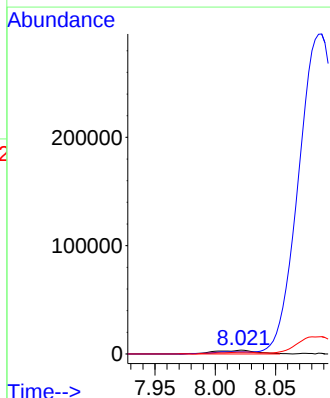
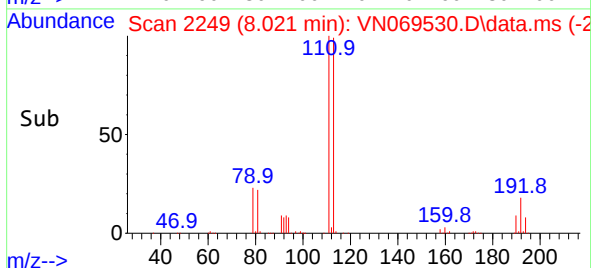
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#32
1,1,1-Trichloroethane
Concen: 0.434 ug/l m
RT: 8.021 min Scan# 2249
Delta R.T. 0.005 min
Lab File: VN069530.D
Acq: 17 Nov 2021 15:05



Tgt Ion: 97 Resp: 8342
Ion Ratio Lower Upper
97 100
99 0.0 50.1 75.1#
61 49.3 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 55.357 ug/l

RT: 8.440 min Scan# 2405

Delta R.T. -0.000 min

Lab File: VN069530.D

Acq: 17 Nov 2021 15:05

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2021

Tgt Ion: 65 Resp: 917510

Ion Ratio Lower Upper

65 100

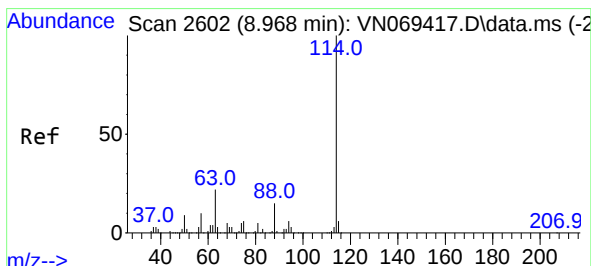
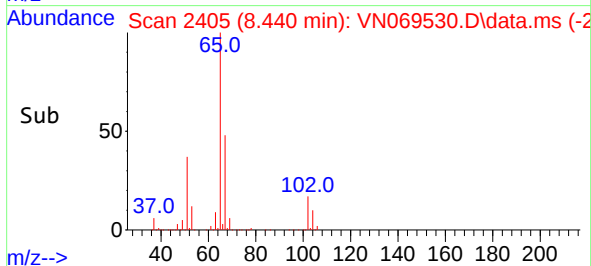
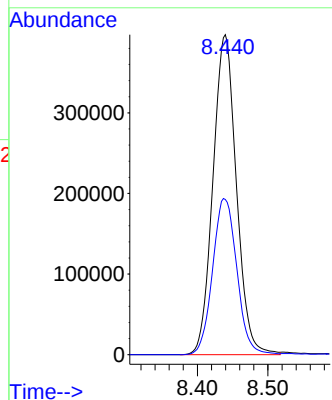
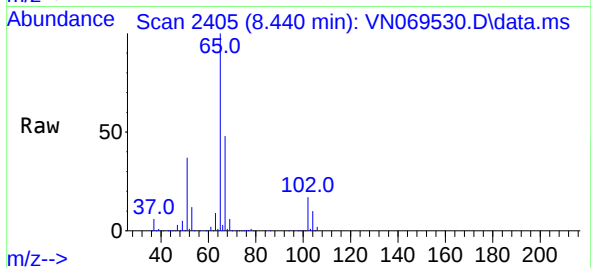
67 50.4 0.0 103.0

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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: VN069530.D

Acq: 17 Nov 2021 15:05

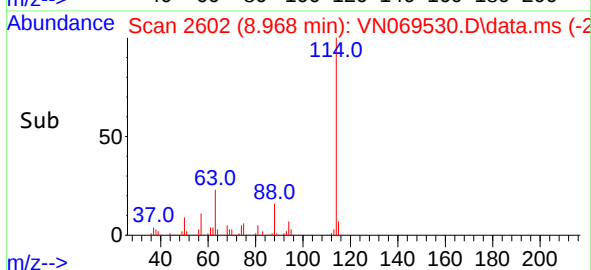
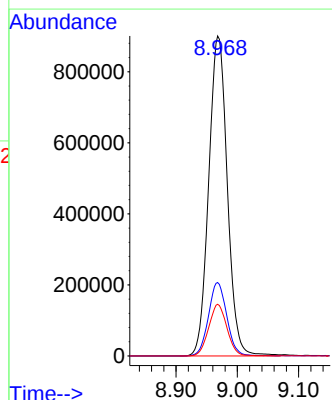
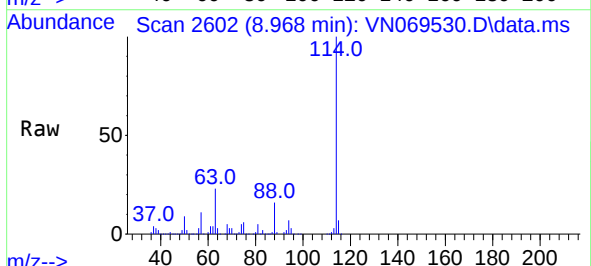
Tgt Ion:114 Resp: 1900525

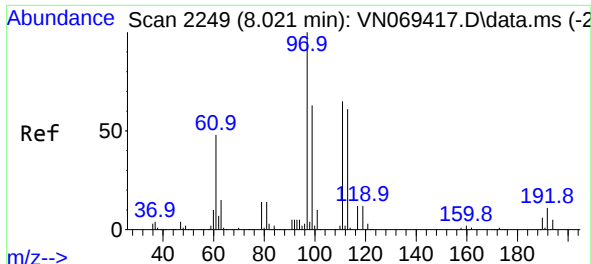
Ion Ratio Lower Upper

114 100

63 23.0 0.0 37.8

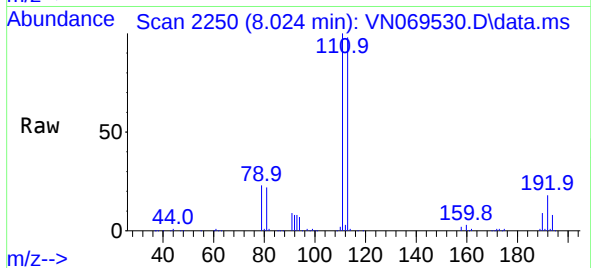
88 16.2 0.0 27.4





#35
Dibromofluoromethane
Concen: 53.794 ug/l
RT: 8.024 min Scan# 211
Delta R.T. 0.003 min
Lab File: VN069530.D
Acq: 17 Nov 2021 15:05

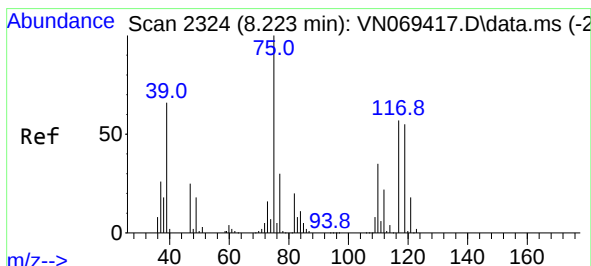
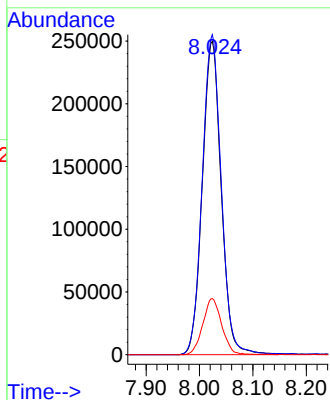
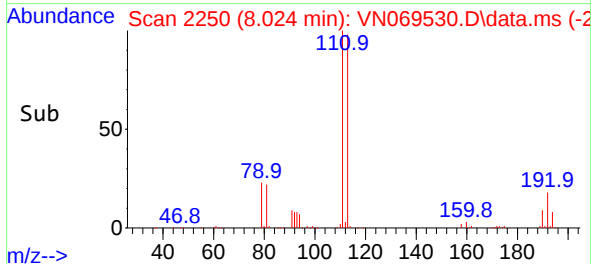
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



Tgt Ion:113 Resp: 613174
Ion Ratio Lower Upper
113 100
111 102.4 82.2 123.2
192 17.9 16.9 25.3

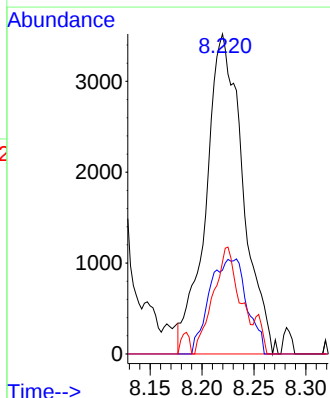
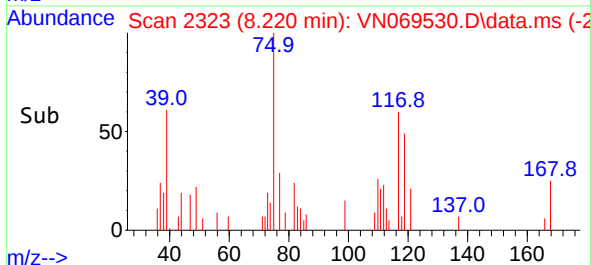
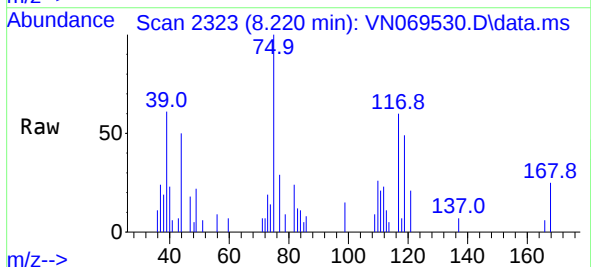
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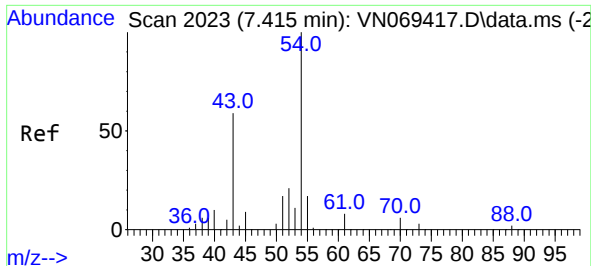
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#36
1,1-Dichloropropene
Concen: 0.544 ug/l
RT: 8.220 min Scan# 2323
Delta R.T. -0.003 min
Lab File: VN069530.D
Acq: 17 Nov 2021 15:05

Tgt Ion: 75 Resp: 8699
Ion Ratio Lower Upper
75 100
110 30.1 18.4 55.2
77 24.3 24.4 36.6#





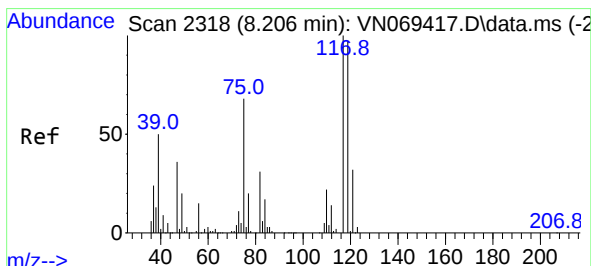
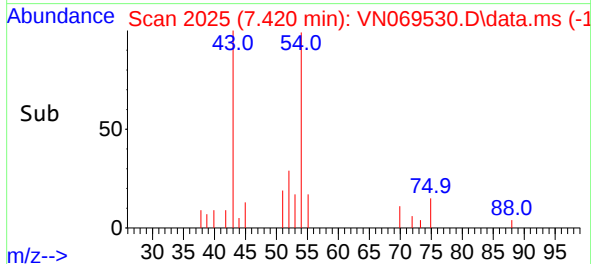
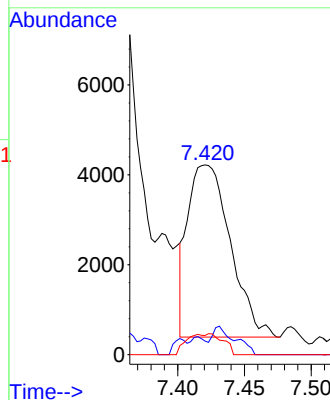
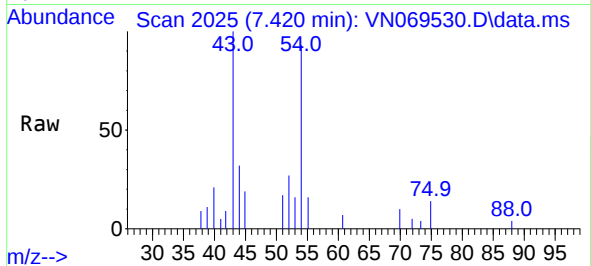
#37
Ethyl Acetate
Concen: 0.393 ug/l
RT: 7.420 min Scan# 2023
Delta R.T. 0.005 min
Lab File: VN069530.D
Acq: 17 Nov 2021 15:05

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

Tgt Ion: 43	Resp: 849
Ion Ratio	Lower Upper
43	100
61	8.7 11.5 17.3
70	5.6 7.9 11.9

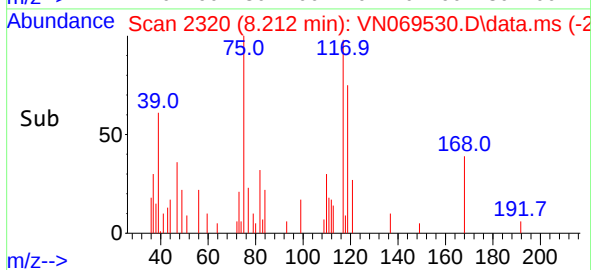
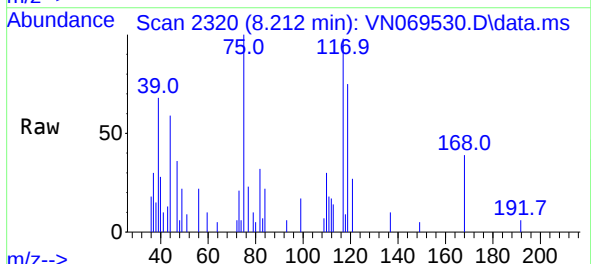
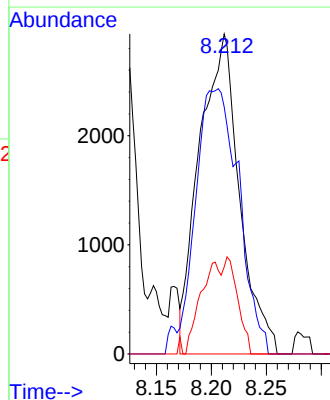
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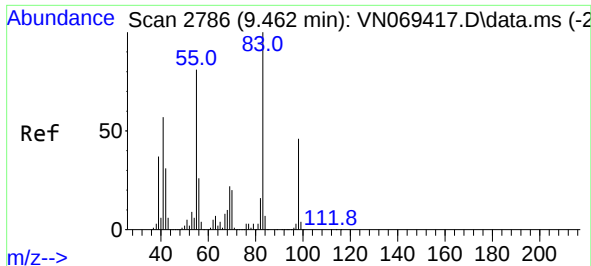
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#38
Carbon Tetrachloride
Concen: 0.481 ug/l
RT: 8.212 min Scan# 2320
Delta R.T. 0.006 min
Lab File: VN069530.D
Acq: 17 Nov 2021 15:05

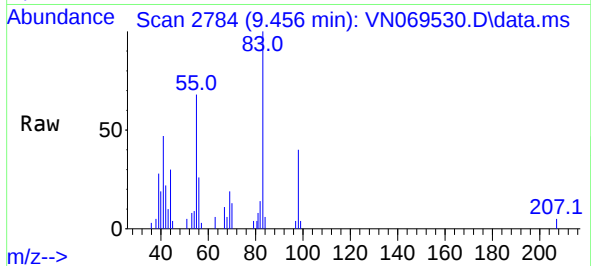
Tgt Ion: 117	Resp: 7428
Ion Ratio	Lower Upper
117	100
119	77.2 76.1 114.1
121	27.2 24.2 36.2





#39
Methylcyclohexane
Concen: 0.480 ug/l
RT: 9.456 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN069530.D
Acq: 17 Nov 2021 15:05

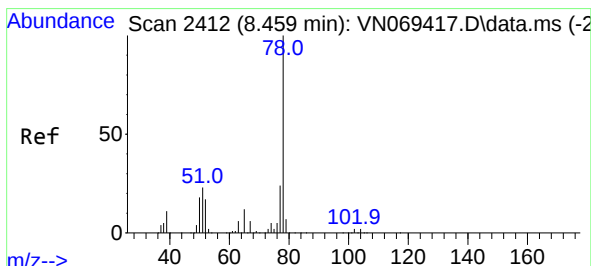
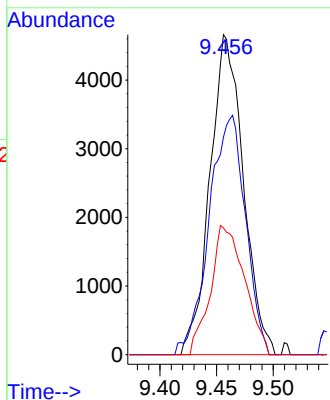
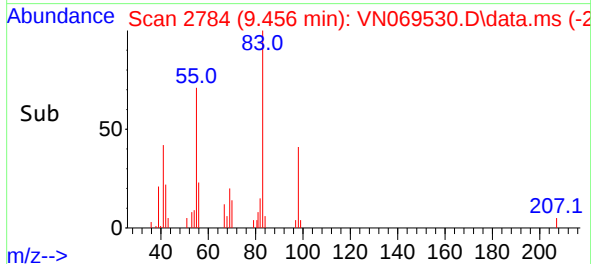
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



Tgt Ion: 83 Resp: 9540
Ion Ratio Lower Upper
83 100
55 68.0 58.1 87.1
98 39.6 38.4 57.6

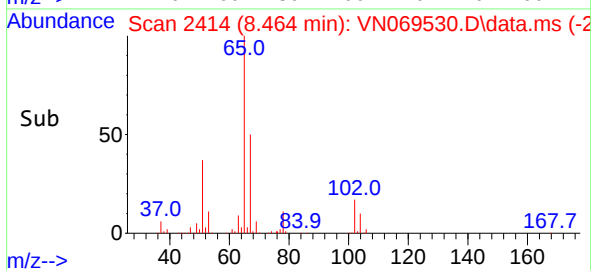
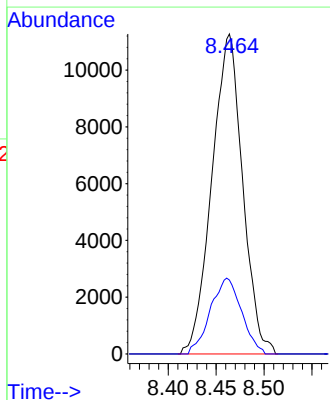
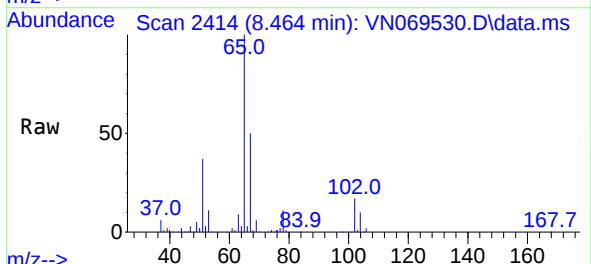
Manual Integrations
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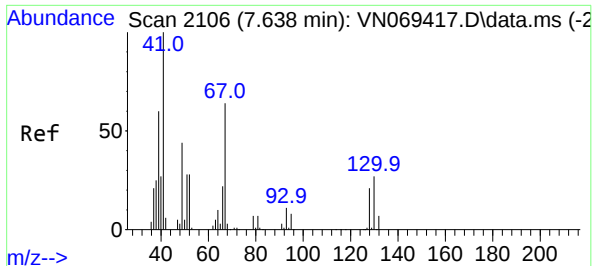
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#40
Benzene
Concen: 0.509 ug/l
RT: 8.464 min Scan# 2414
Delta R.T. 0.005 min
Lab File: VN069530.D
Acq: 17 Nov 2021 15:05

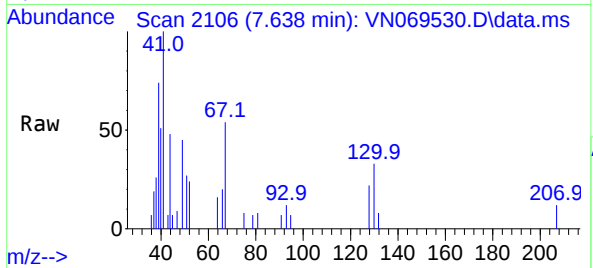
Tgt Ion: 78 Resp: 25109
Ion Ratio Lower Upper
78 100
77 23.1 18.6 27.8





#41
Methacrylonitrile
Concen: 0.375 ug/l
RT: 7.638 min Scan# 2106
Delta R.T. -0.000 min
Lab File: VN069530.D
Acq: 17 Nov 2021 15:05

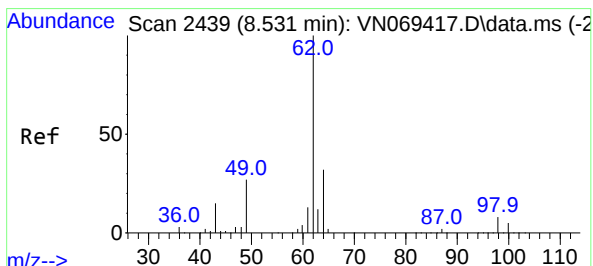
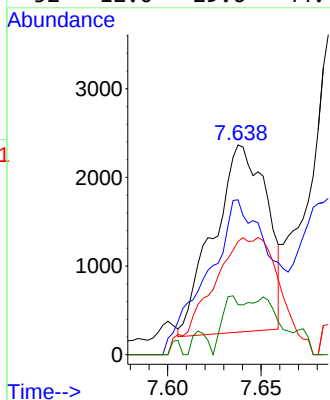
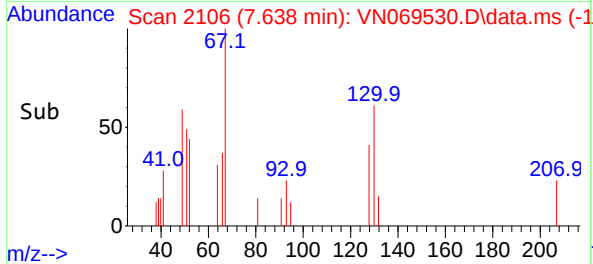
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT4-2021



Tgt Ion: 41 Resp: 4189
Ion Ratio Lower Upper
41 100
39 98.5 48.1 72.1
67 45.9 68.3 102.5
52 12.0 29.6 44.4

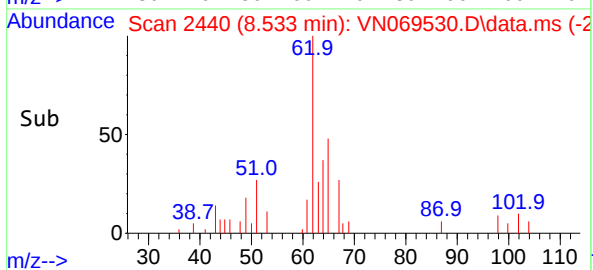
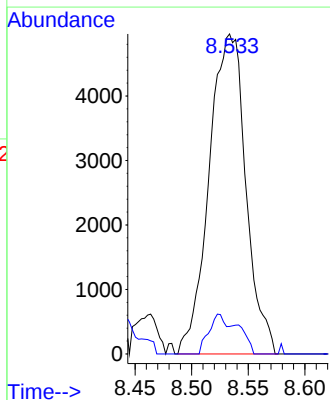
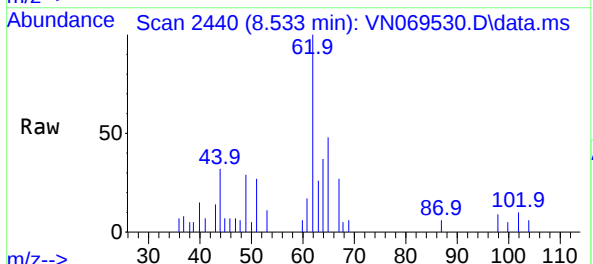
Manual Integrations
APPROVED

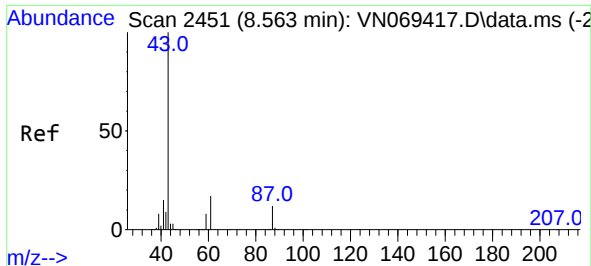
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#42
1,2-Dichloroethane
Concen: 0.580 ug/l
RT: 8.533 min Scan# 2440
Delta R.T. 0.002 min
Lab File: VN069530.D
Acq: 17 Nov 2021 15:05

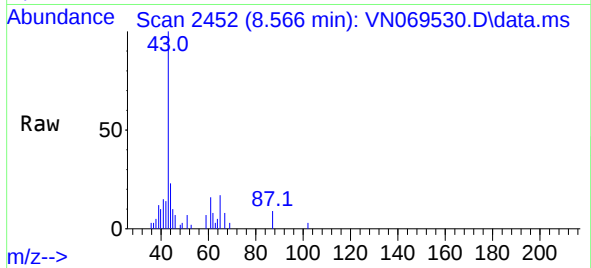
Tgt Ion: 62 Resp: 11206
Ion Ratio Lower Upper
62 100
98 6.2 0.0 17.6





#43
Isopropyl Acetate
Concen: 0.413 ug/l
RT: 8.566 min Scan# 2451
Delta R.T. 0.003 min
Lab File: VN069530.D
Acq: 17 Nov 2021 15:05

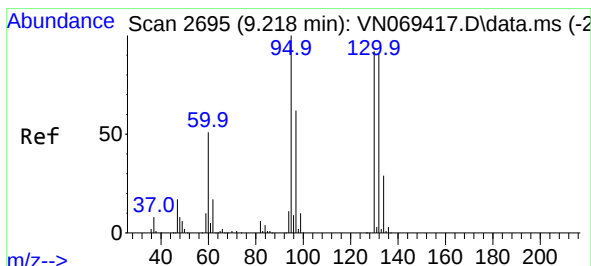
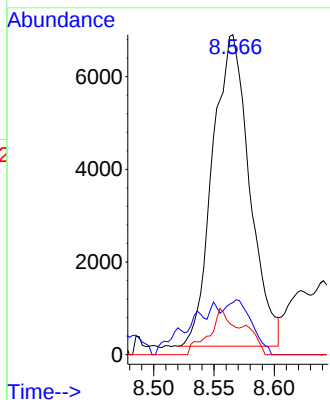
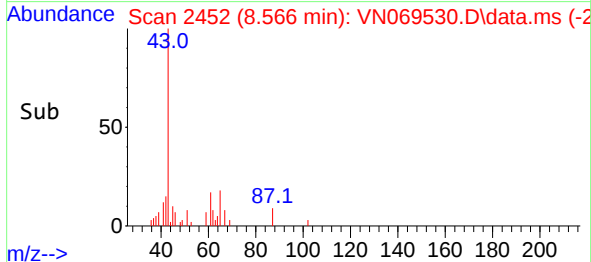
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT4-2021



Tgt Ion: 43 Resp: 14330
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6
87 9.7 11.2 16.8

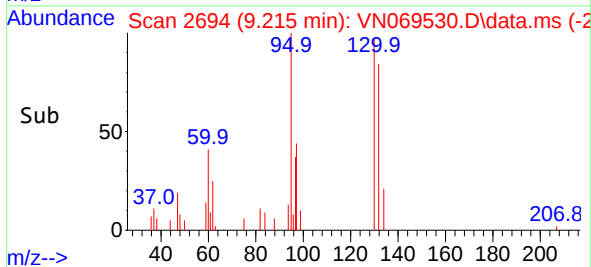
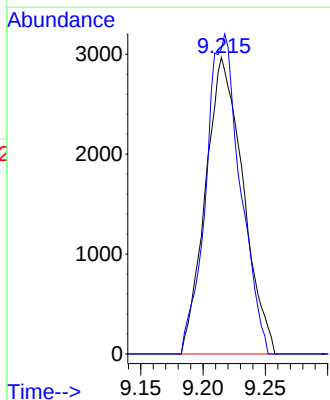
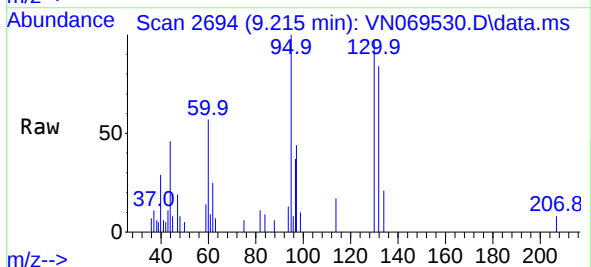
Manual Integrations
APPROVED

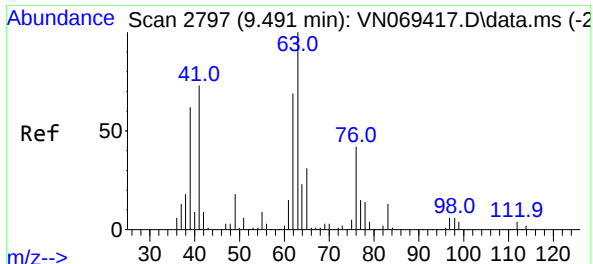
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#44
Trichloroethene
Concen: 0.526 ug/l
RT: 9.215 min Scan# 2694
Delta R.T. -0.003 min
Lab File: VN069530.D
Acq: 17 Nov 2021 15:05

Tgt Ion:130 Resp: 6216
Ion Ratio Lower Upper
130 100
95 103.0 0.0 191.2





#45

1,2-Dichloropropane

Concen: 0.514 ug/l

RT: 9.491 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN069530.D

Acq: 17 Nov 2021 15:05

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2021

Tgt Ion: 63 Resp: 678

Ion Ratio Lower Upper

63 100

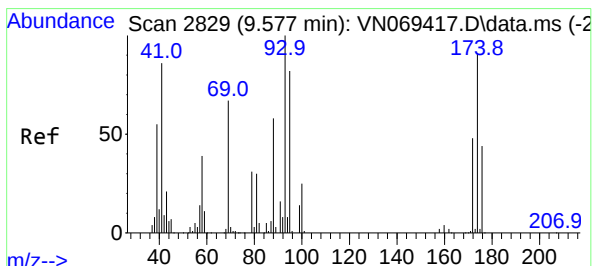
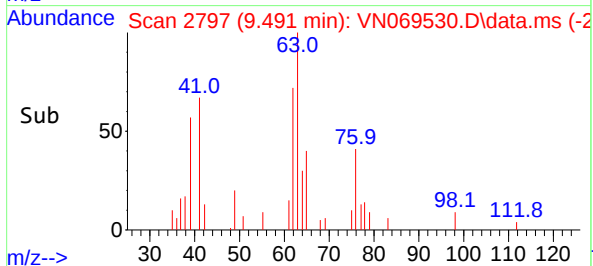
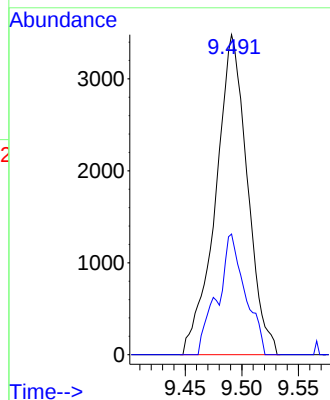
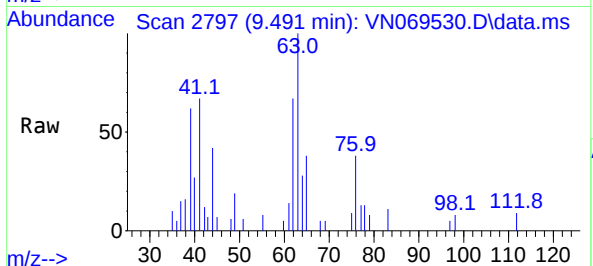
65 37.7 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2021

Supervised By :Mahesh Dadoda 11/18/2021



#46

Dibromomethane

Concen: 0.435 ug/l

RT: 9.577 min Scan# 2829

Delta R.T. -0.000 min

Lab File: VN069530.D

Acq: 17 Nov 2021 15:05

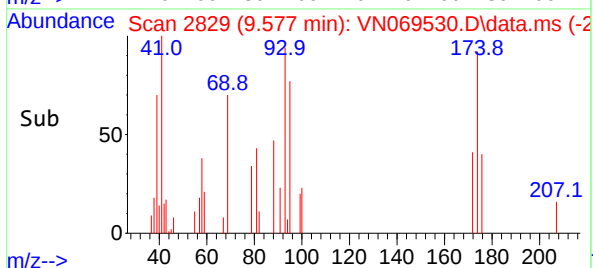
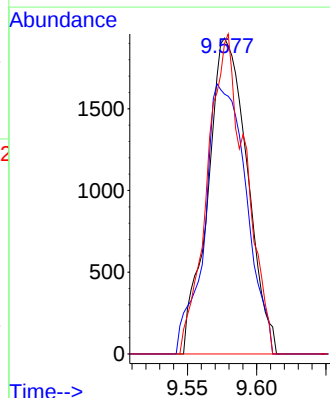
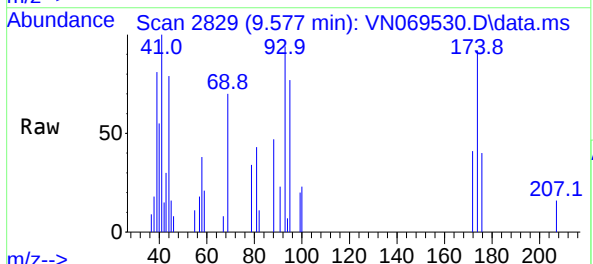
Tgt Ion: 93 Resp: 3840

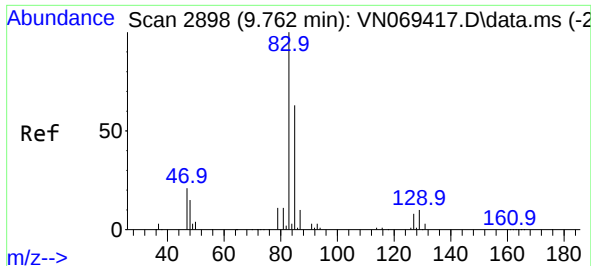
Ion Ratio Lower Upper

93 100

95 90.1 65.9 98.9

174 98.3 84.6 127.0





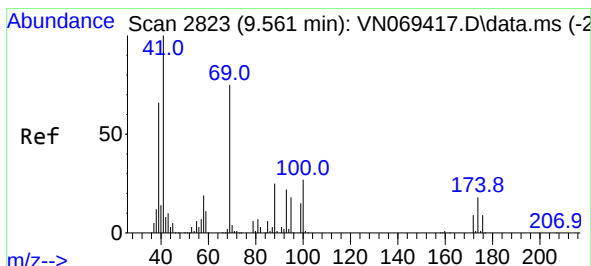
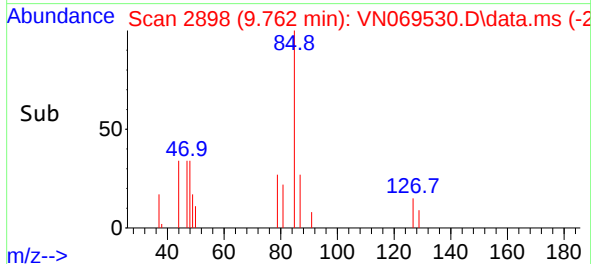
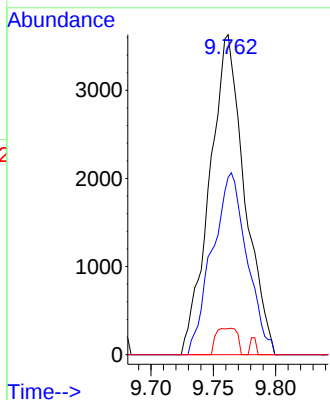
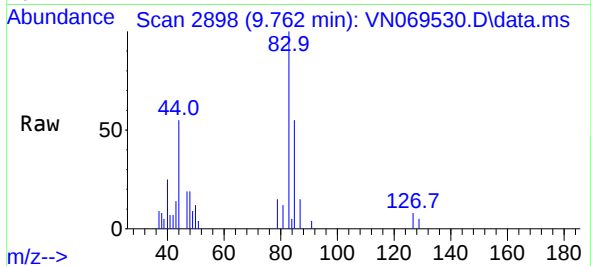
#47
Bromodichloromethane
Concen: 0.430 ug/l
RT: 9.762 min Scan# 2898
Delta R.T. -0.000 min
Lab File: VN069530.D
Acq: 17 Nov 2021 15:05

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

Tgt Ion: 83 Resp: 7090
Ion Ratio Lower Upper
83 100
85 55.4 50.9 76.3
127 8.1 7.1 10.7

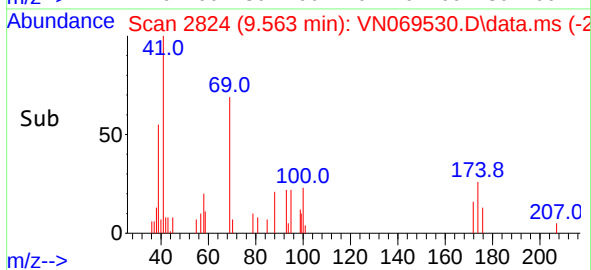
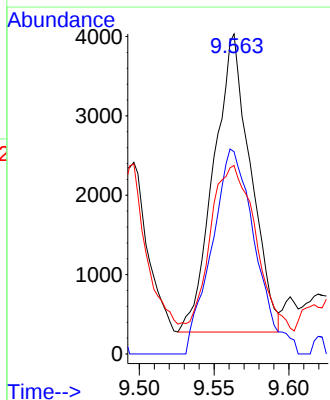
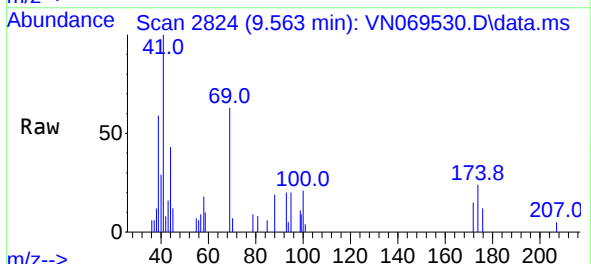
Manual Integrations
APPROVED

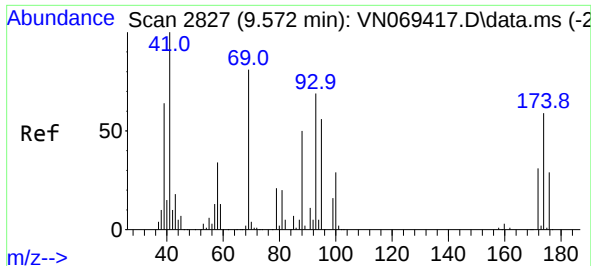
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#48
Methyl methacrylate
Concen: 0.394 ug/l
RT: 9.563 min Scan# 2824
Delta R.T. 0.002 min
Lab File: VN069530.D
Acq: 17 Nov 2021 15:05

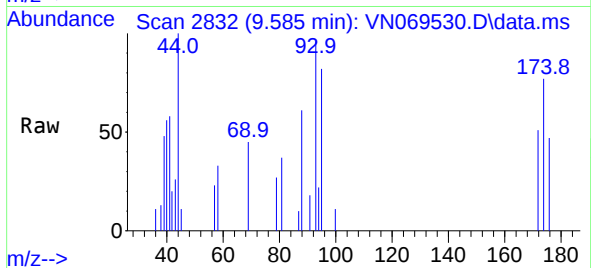
Tgt Ion: 41 Resp: 6441
Ion Ratio Lower Upper
41 100
69 80.6 72.4 108.6
39 67.2 58.4 87.6





#49
1,4-Dioxane
Concen: 7.976 ug/l m
RT: 9.585 min Scan# 2827
Delta R.T. 0.013 min
Lab File: VN069530.D
Acq: 17 Nov 2021 15:05

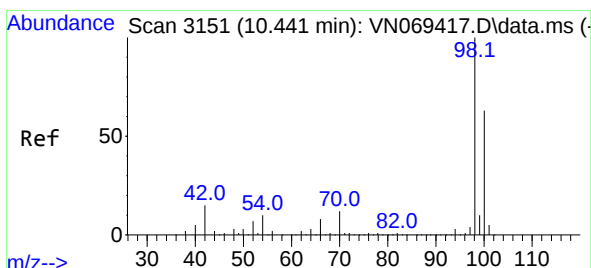
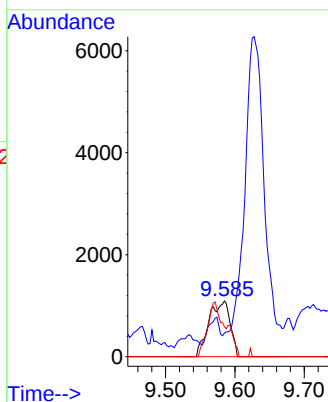
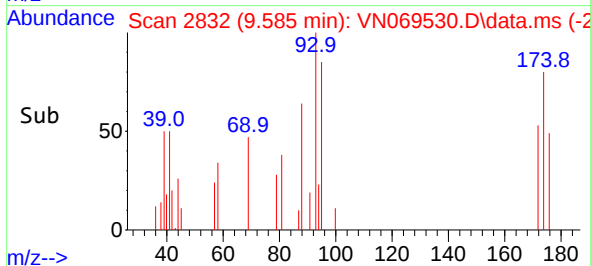
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



Tgt Ion: 88 Resp: 2324
Ion Ratio Lower Upper
88 100
43 26.5 23.4 35.2
58 67.0 50.6 75.8

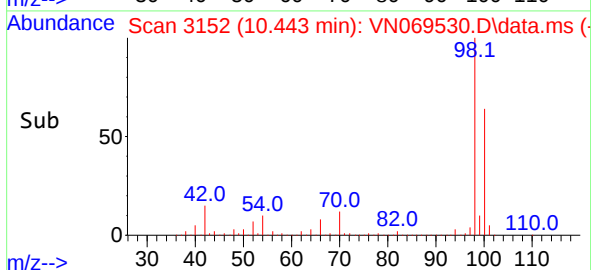
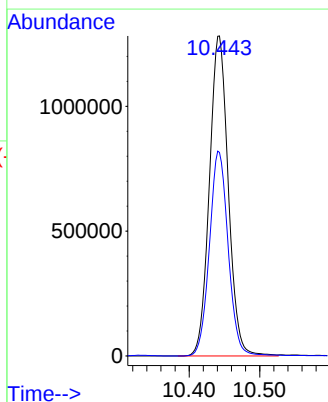
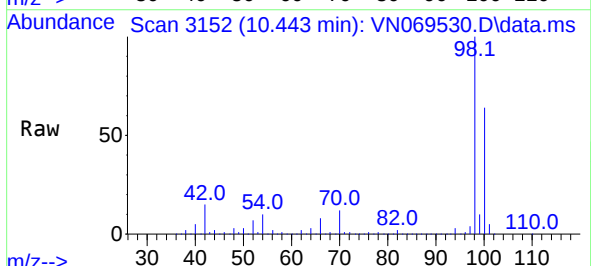
Manual Integrations
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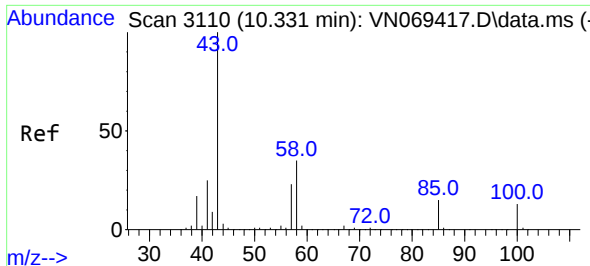
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#50
Toluene-d8
Concen: 53.147 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.002 min
Lab File: VN069530.D
Acq: 17 Nov 2021 15:05

Tgt Ion: 98 Resp: 2382591
Ion Ratio Lower Upper
98 100
100 63.7 50.4 75.6





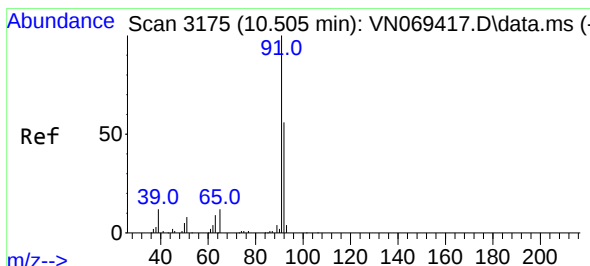
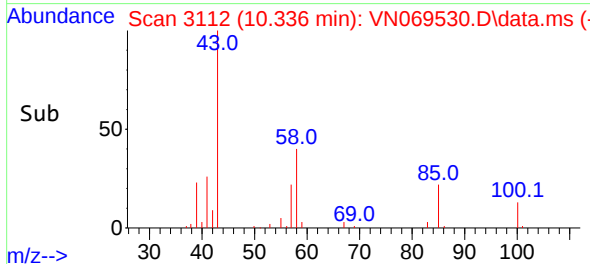
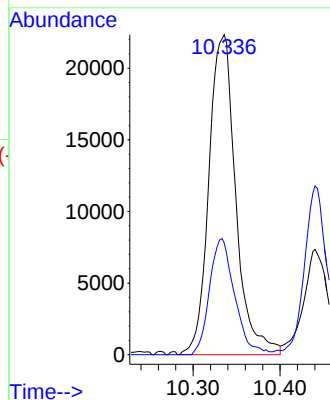
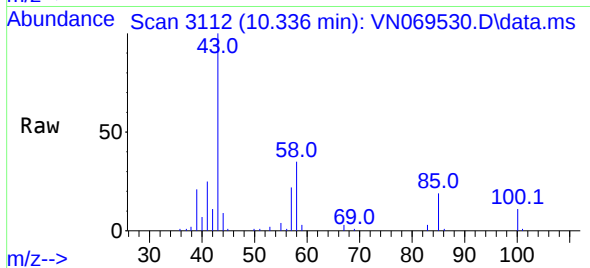
#51
4-Methyl-2-Pentanone
Concen: 2.146 ug/l
RT: 10.336 min Scan# 3110
Delta R.T. 0.005 min
Lab File: VN069530.D
Acq: 17 Nov 2021 15:05

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

Tgt Ion: 43 Resp: 4810
Ion Ratio Lower Upper
43 100
58 33.8 30.4 45.6

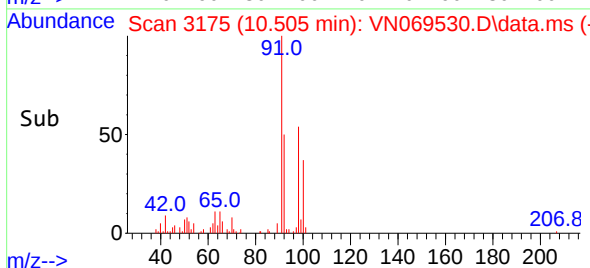
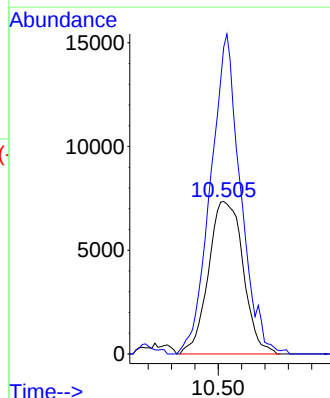
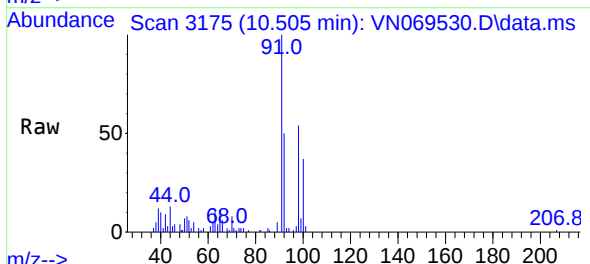
Manual Integrations
APPROVED

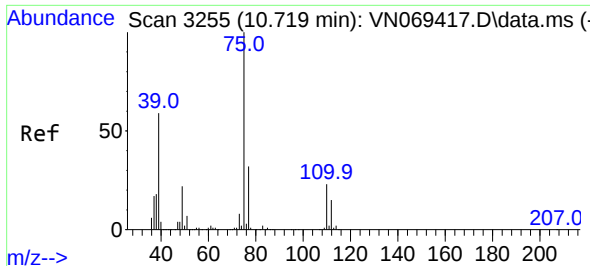
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#52
Toluene
Concen: 0.492 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.000 min
Lab File: VN069530.D
Acq: 17 Nov 2021 15:05

Tgt Ion: 92 Resp: 15135
Ion Ratio Lower Upper
92 100
91 181.9 142.0 213.0





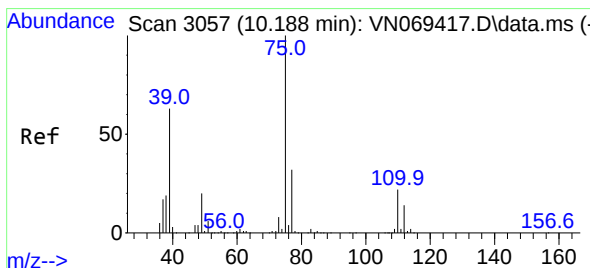
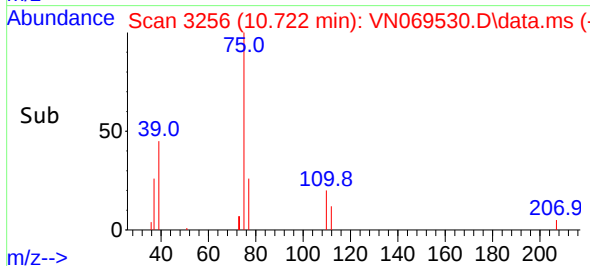
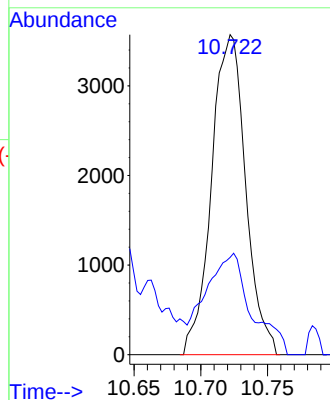
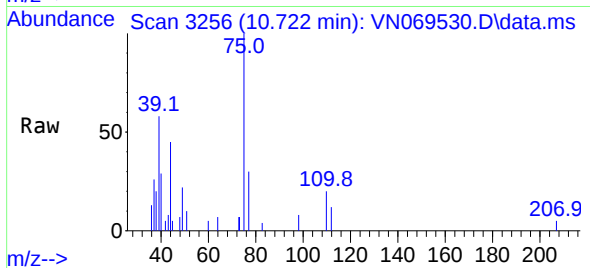
#53
t-1,3-Dichloropropene
Concen: 0.368 ug/l
RT: 10.722 min Scan# 31
Delta R.T. 0.003 min
Lab File: VN069530.D
Acq: 17 Nov 2021 15:05

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

Tgt Ion: 75 Resp: 6340
Ion Ratio Lower Upper
75 100
77 23.6 25.6 38.4

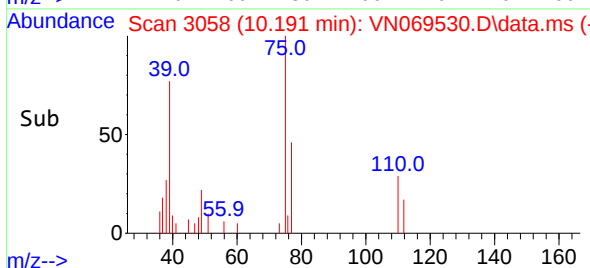
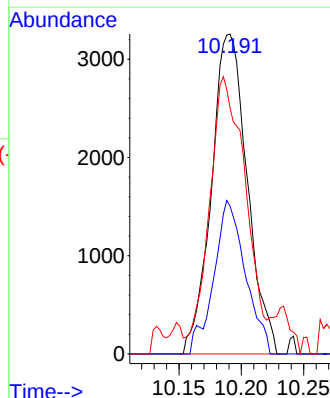
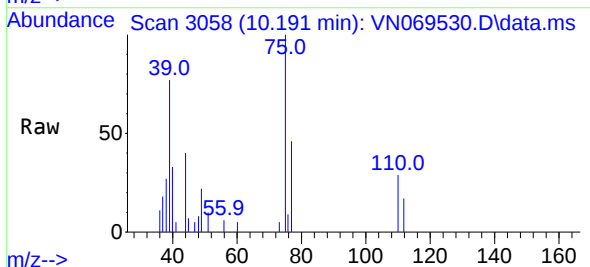
Manual Integrations
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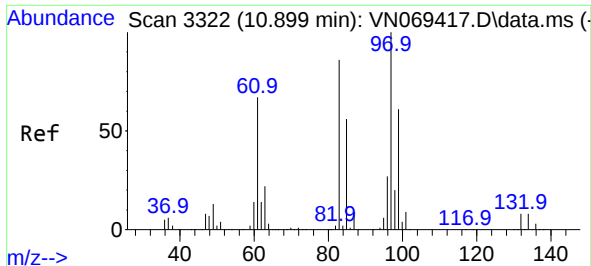
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#54
cis-1,3-Dichloropropene
Concen: 0.346 ug/l
RT: 10.191 min Scan# 3058
Delta R.T. 0.003 min
Lab File: VN069530.D
Acq: 17 Nov 2021 15:05

Tgt Ion: 75 Resp: 6508
Ion Ratio Lower Upper
75 100
77 46.3 26.4 39.6#
39 68.4 42.5 63.7#





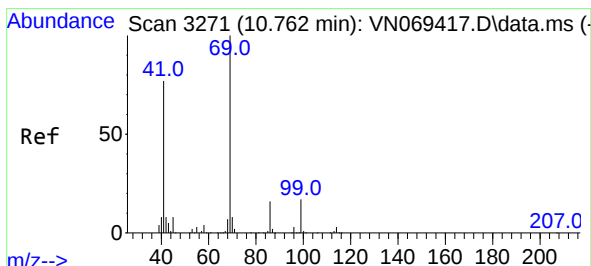
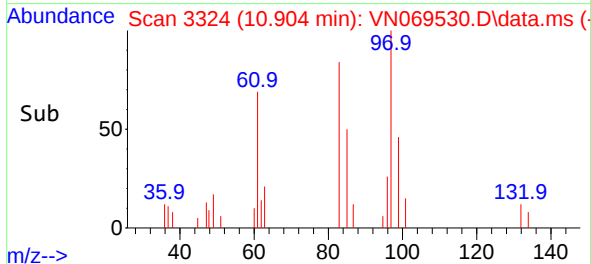
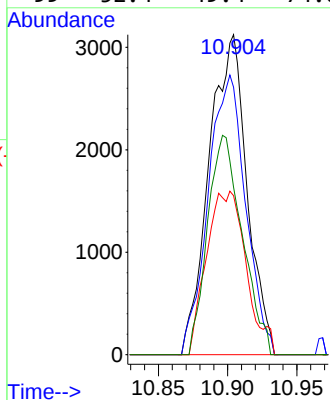
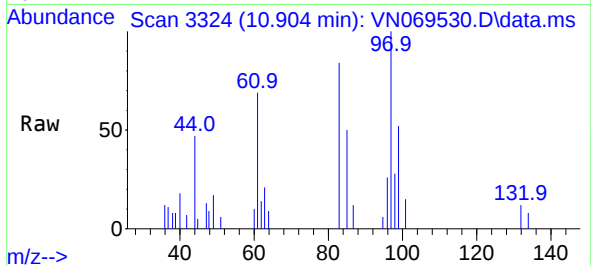
#55
1,1,2-Trichloroethane
Concen: 0.480 ug/l
RT: 10.904 min Scan# 31
Delta R.T. 0.005 min
Lab File: VN069530.D
Acq: 17 Nov 2021 15:05

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

Tgt Ion: 97	Resp: 594
Ion Ratio	Lower Upper
97 100	
83 83.6	67.8 101.6
85 49.7	45.4 68.2
99 52.4	49.4 74.0

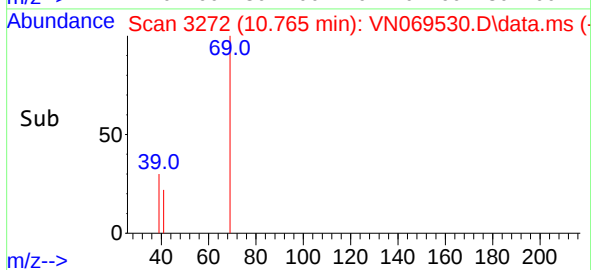
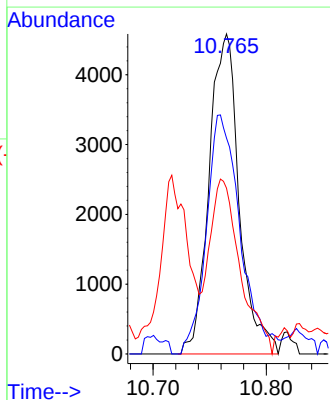
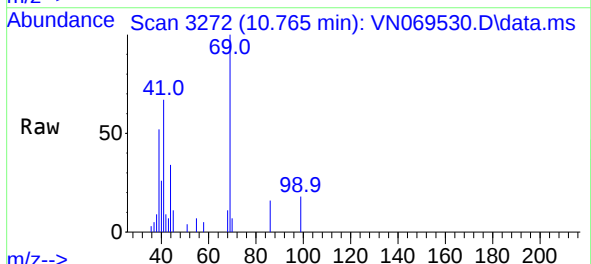
Manual Integrations
APPROVED

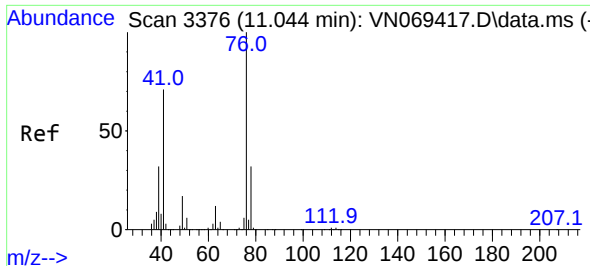
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#56
Ethyl methacrylate
Concen: 0.413 ug/l
RT: 10.765 min Scan# 3272
Delta R.T. 0.003 min
Lab File: VN069530.D
Acq: 17 Nov 2021 15:05

Tgt Ion: 69	Resp: 8481
Ion Ratio	Lower Upper
69 100	
41 84.2	51.4 77.0#
39 56.6	34.6 52.0#





#57

1,3-Dichloropropane

Concen: 0.461 ug/l

RT: 11.046 min Scan# 31

Delta R.T. 0.002 min

Lab File: VN069530.D

Acq: 17 Nov 2021 15:05

Instrument :

MSVOA_N

ClientSampleId :

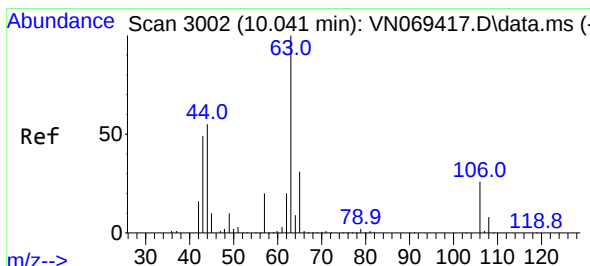
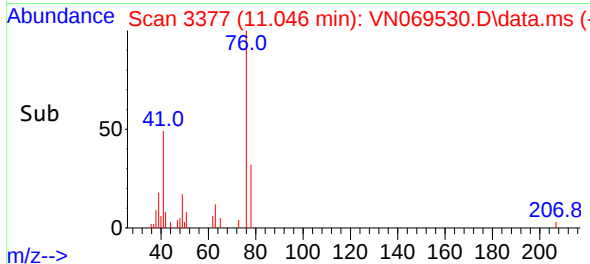
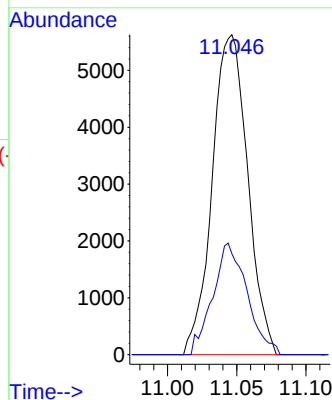
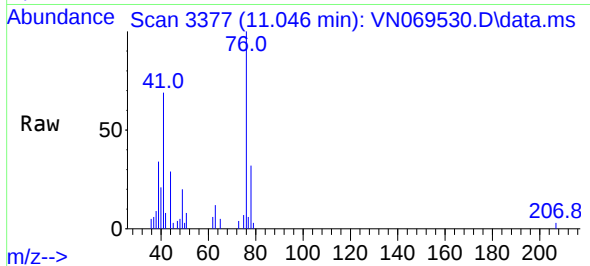
LOD-MDL-WATER-01-QT4-2021

Tgt Ion: 76 Resp: 10044
 Ion Ratio Lower Upper
 76 100
 78 33.7 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: 2.205 ug/l

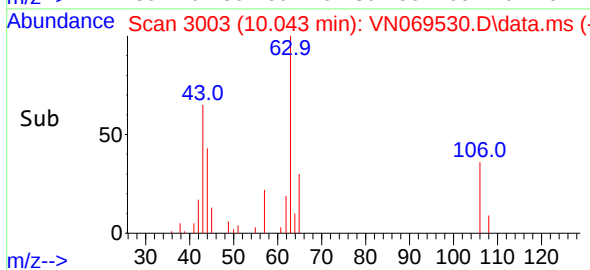
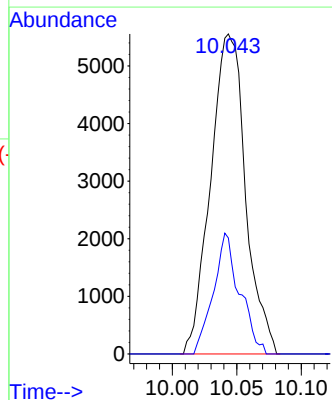
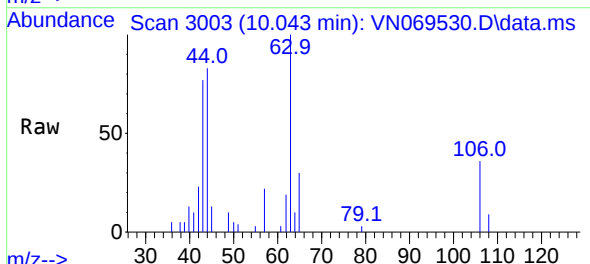
RT: 10.043 min Scan# 3003

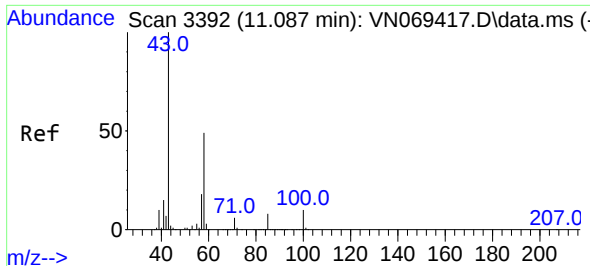
Delta R.T. 0.002 min

Lab File: VN069530.D

Acq: 17 Nov 2021 15:05

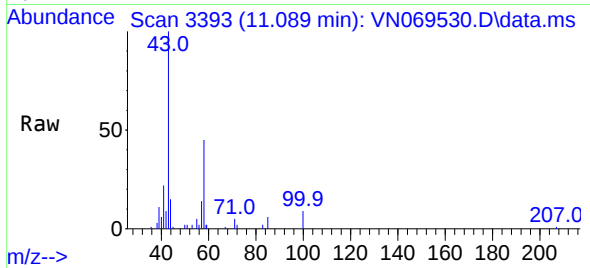
Tgt Ion: 63 Resp: 10488
 Ion Ratio Lower Upper
 63 100
 106 28.5 23.9 35.9





#59
2-Hexanone
Concen: 2.162 ug/l
RT: 11.089 min Scan# 31
Delta R.T. 0.002 min
Lab File: VN069530.D
Acq: 17 Nov 2021 15:05

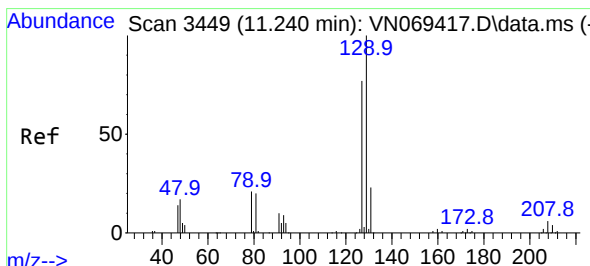
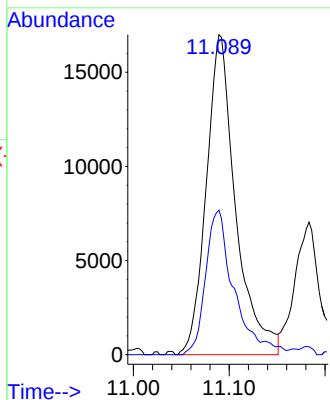
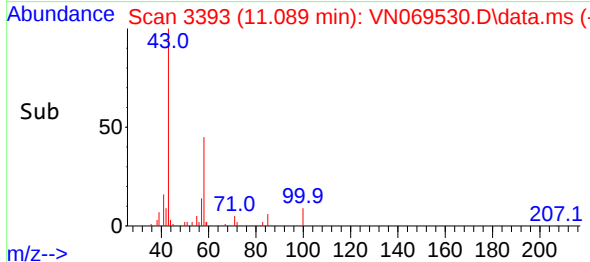
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



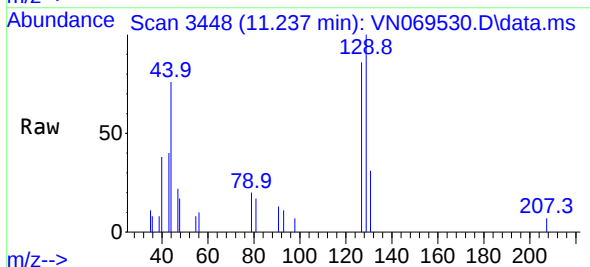
Tgt Ion: 43 Resp: 3610
Ion Ratio Lower Upper
43 100
58 43.8 26.9 80.7

Manual Integrations
APPROVED

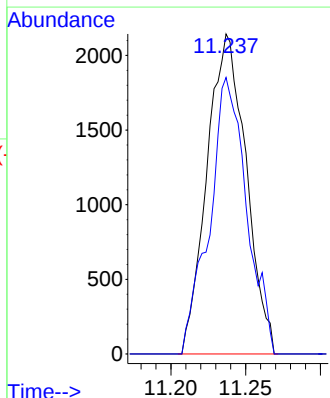
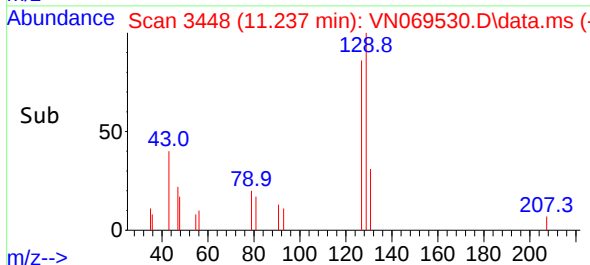
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

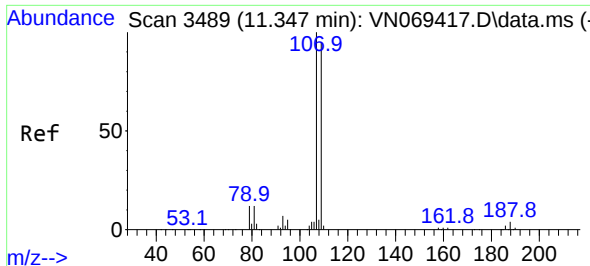


#60
Dibromochloromethane
Concen: 0.336 ug/l
RT: 11.237 min Scan# 3448
Delta R.T. -0.003 min
Lab File: VN069530.D
Acq: 17 Nov 2021 15:05



Tgt Ion:129 Resp: 3900
Ion Ratio Lower Upper
129 100
127 82.2 38.6 116.0





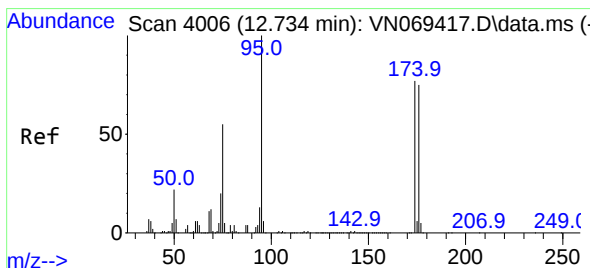
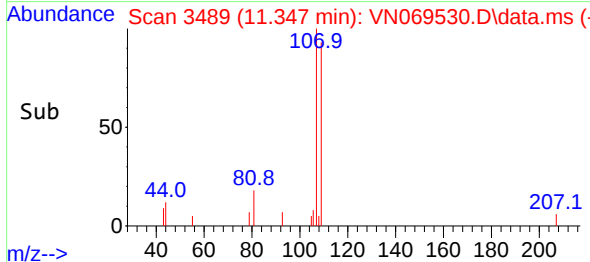
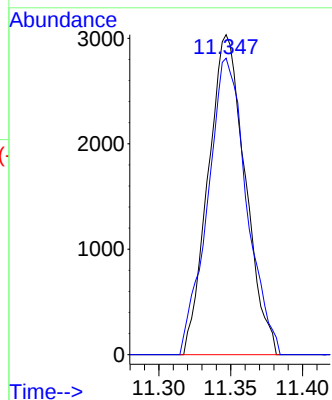
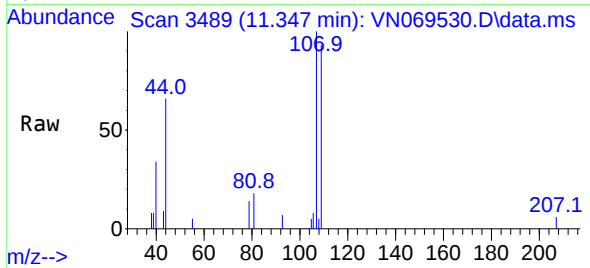
#61
1,2-Dibromoethane
Concen: 0.432 ug/l
RT: 11.347 min Scan# 3489
Delta R.T. -0.000 min
Lab File: VN069530.D
Acq: 17 Nov 2021 15:05

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

Tgt Ion:107 Resp: 5428
Ion Ratio Lower Upper
107 100
109 97.4 75.7 113.5

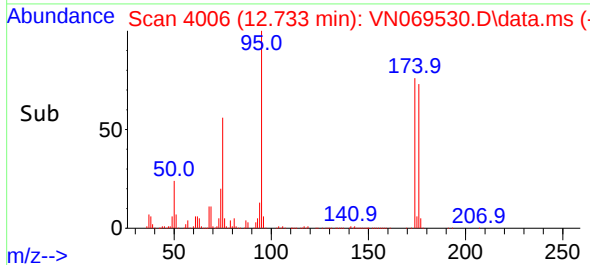
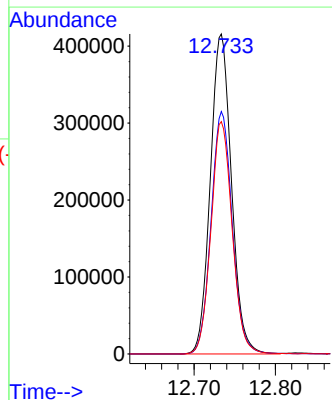
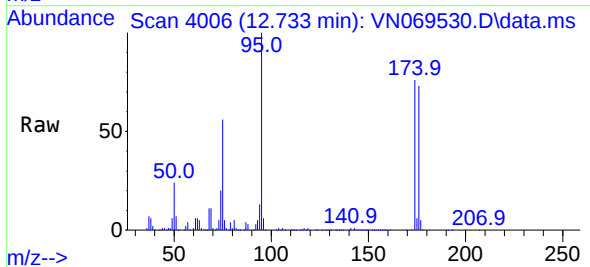
Manual Integrations
APPROVED

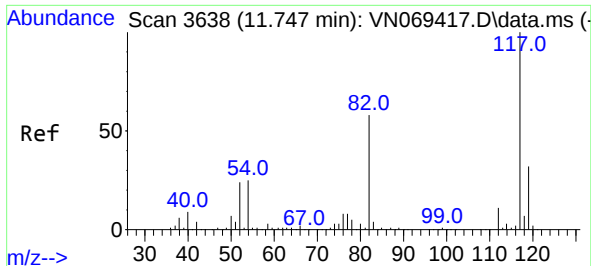
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#62
4-Bromofluorobenzene
Concen: 45.636 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.001 min
Lab File: VN069530.D
Acq: 17 Nov 2021 15:05

Tgt Ion: 95 Resp: 751570
Ion Ratio Lower Upper
95 100
174 76.1 0.0 187.2
176 72.9 0.0 181.4





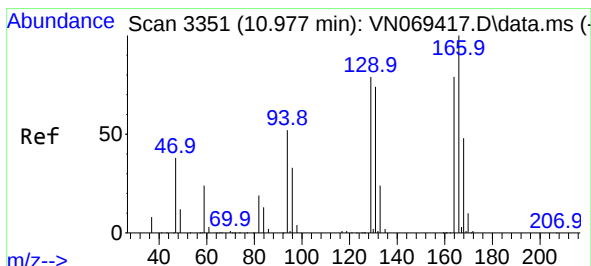
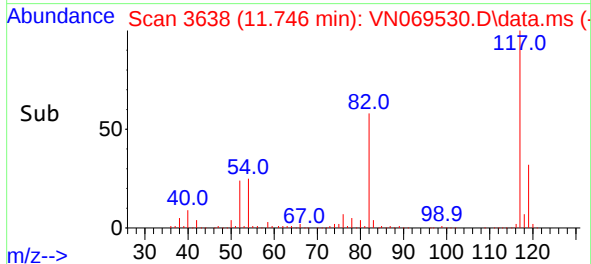
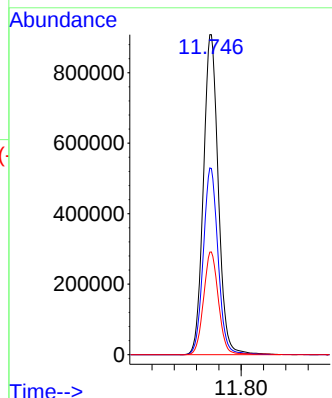
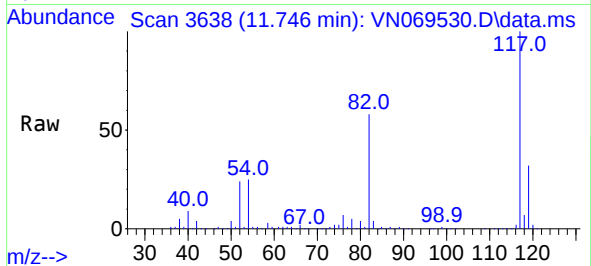
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.001 min
Lab File: VN069530.D
Acq: 17 Nov 2021 15:05

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

Tgt Ion:117 Resp: 168071
Ion Ratio Lower Upper
117 100
82 58.2 42.4 63.6
119 32.1 25.4 38.2

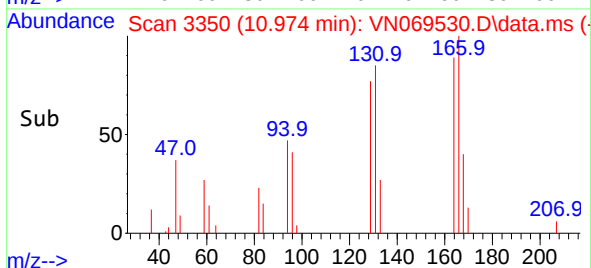
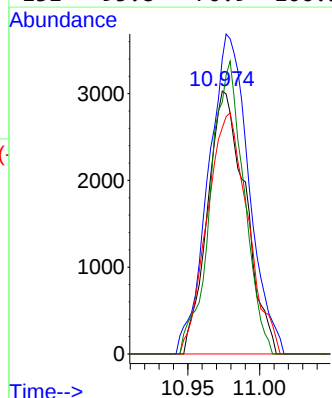
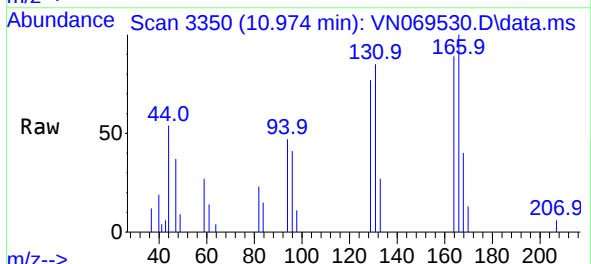
Manual Integrations
APPROVED

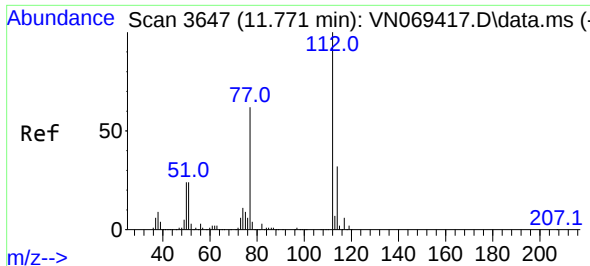
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#64
Tetrachloroethene
Concen: 0.546 ug/l
RT: 10.974 min Scan# 3350
Delta R.T. -0.003 min
Lab File: VN069530.D
Acq: 17 Nov 2021 15:05

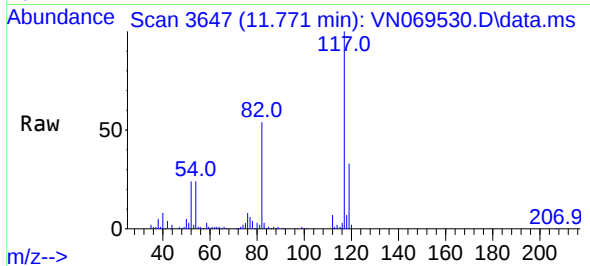
Tgt Ion:164 Resp: 5544
Ion Ratio Lower Upper
164 100
166 106.5 101.9 152.9
129 86.0 72.0 108.0
131 95.8 70.9 106.3





#65
Chlorobenzene
Concen: 0.503 ug/l
RT: 11.771 min Scan# 3647
Delta R.T. -0.000 min
Lab File: VN069530.D
Acq: 17 Nov 2021 15:05

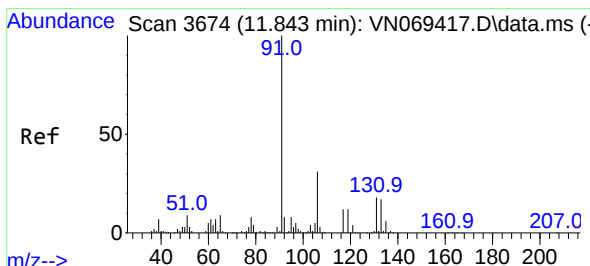
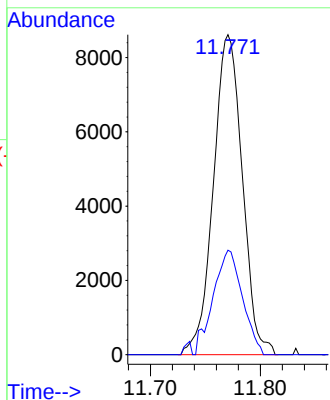
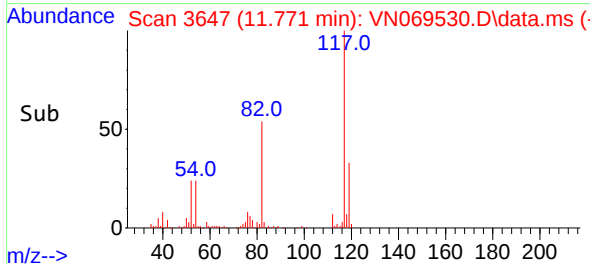
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



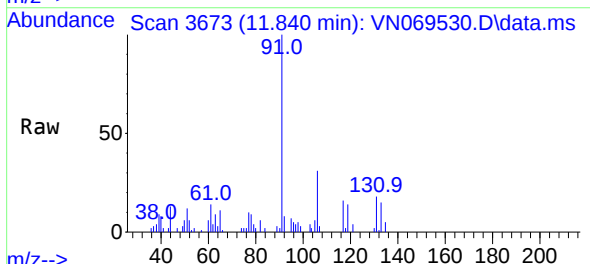
Tgt Ion:112 Resp: 1575
Ion Ratio Lower Upper
112 100
114 32.7 25.4 38.0

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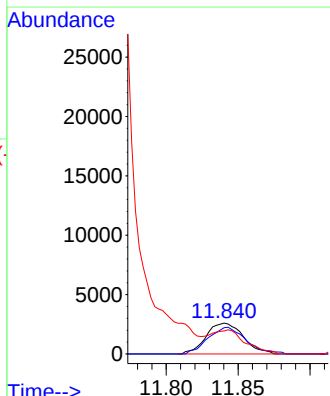
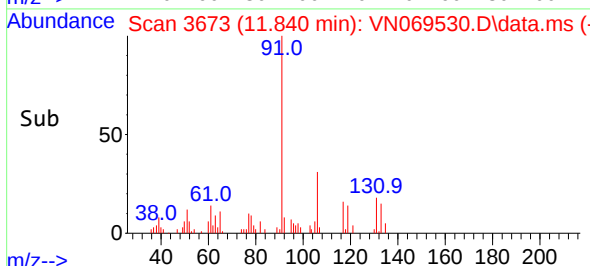
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

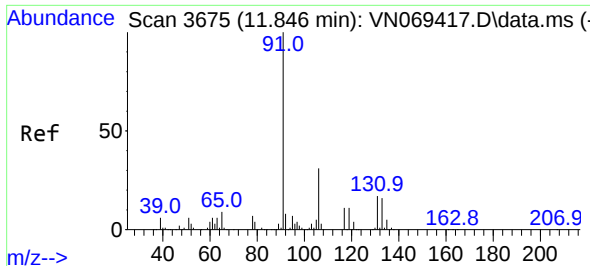


#66
1,1,1,2-Tetrachloroethane
Concen: 0.431 ug/l
RT: 11.840 min Scan# 3673
Delta R.T. -0.003 min
Lab File: VN069530.D
Acq: 17 Nov 2021 15:05



Tgt Ion:131 Resp: 4672
Ion Ratio Lower Upper
131 100
133 87.5 47.9 143.7
119 0.0 32.1 96.5#





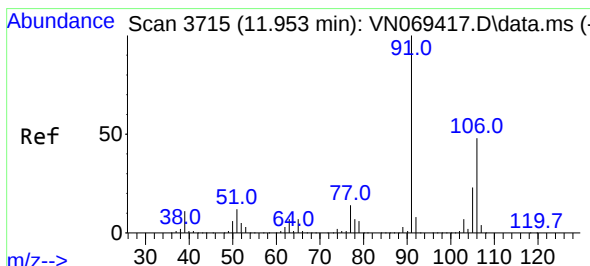
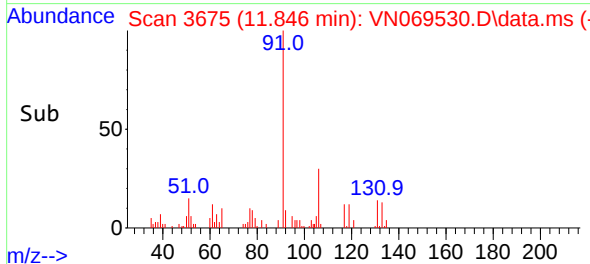
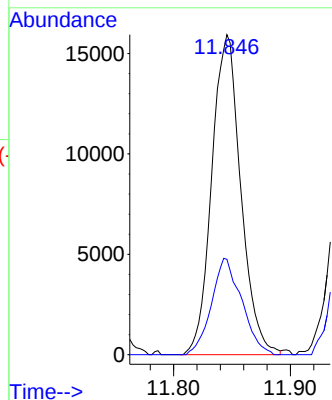
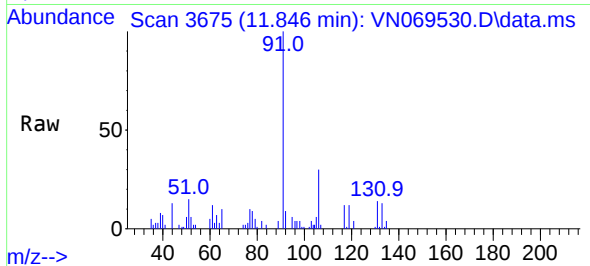
#67
Ethyl Benzene
Concen: 0.477 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. -0.000 min
Lab File: VN069530.D
Acq: 17 Nov 2021 15:05

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

Tgt Ion: 91 Resp: 27498
Ion Ratio Lower Upper
91 100
106 29.8 25.7 38.5

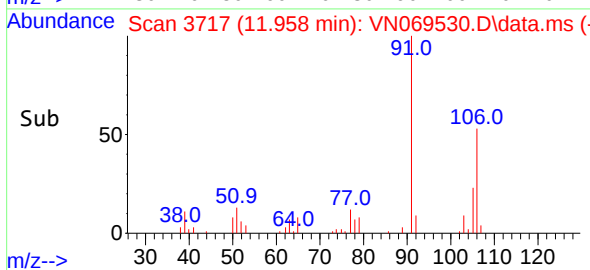
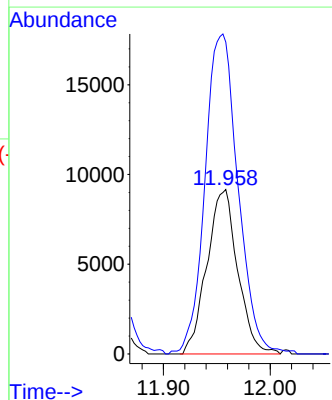
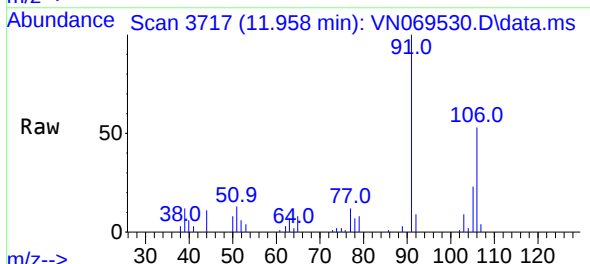
Manual Integrations
APPROVED

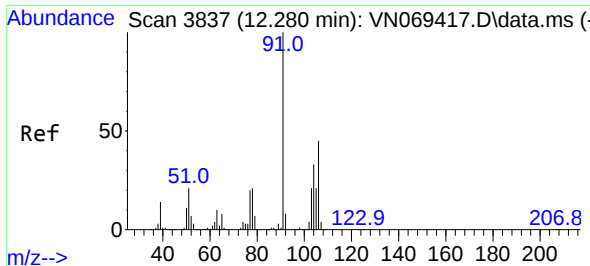
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#68
m/p-Xylenes
Concen: 0.864 ug/l
RT: 11.958 min Scan# 3717
Delta R.T. 0.005 min
Lab File: VN069530.D
Acq: 17 Nov 2021 15:05

Tgt Ion:106 Resp: 18338
Ion Ratio Lower Upper
106 100
91 209.1 160.6 240.8





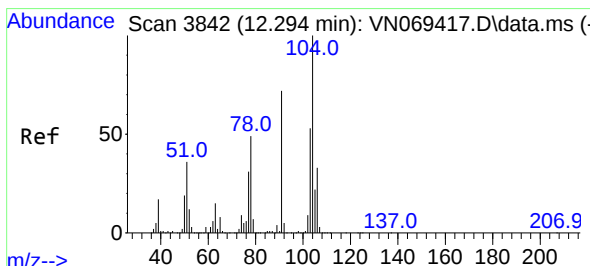
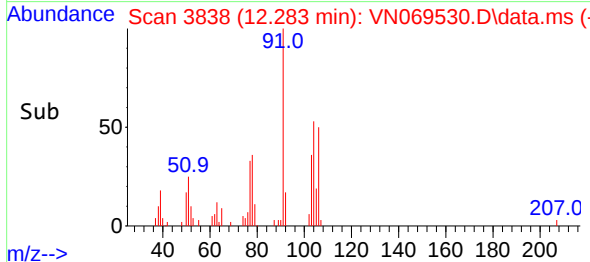
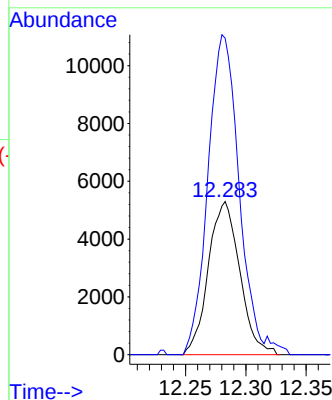
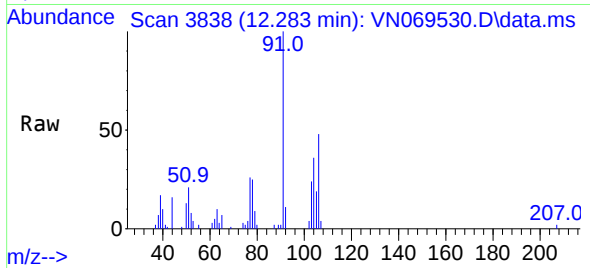
#69
o-Xylene
Concen: 0.454 ug/l
RT: 12.283 min Scan# 3837
Delta R.T. 0.003 min
Lab File: VN069530.D
Acq: 17 Nov 2021 15:05

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

Tgt Ion:106 Resp: 961
Ion Ratio Lower Upper
106 100
91 204.1 105.8 317.3

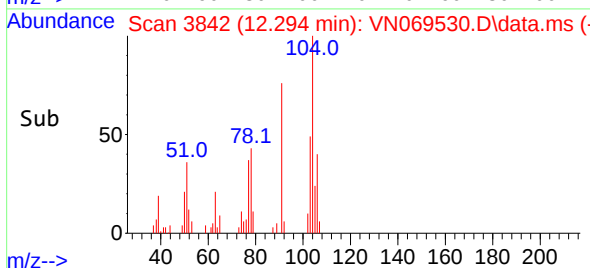
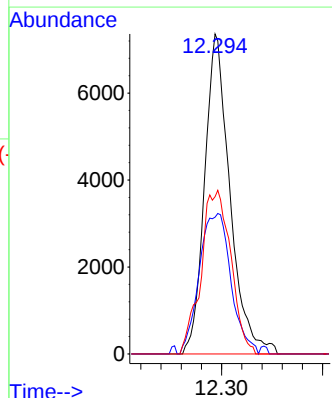
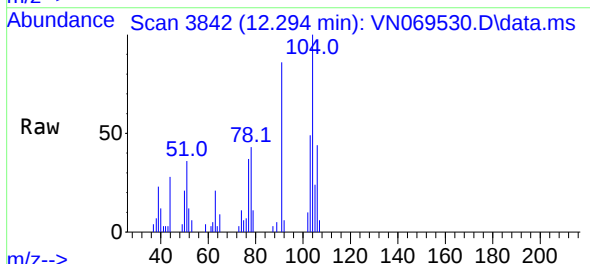
Manual Integrations
APPROVED

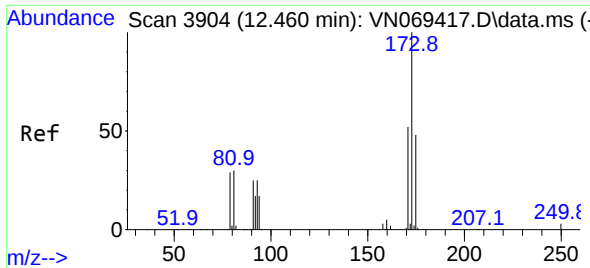
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#70
Styrene
Concen: 0.378 ug/l
RT: 12.294 min Scan# 3842
Delta R.T. -0.000 min
Lab File: VN069530.D
Acq: 17 Nov 2021 15:05

Tgt Ion:104 Resp: 12846
Ion Ratio Lower Upper
104 100
78 54.9 38.7 58.1
103 60.1 45.0 67.6





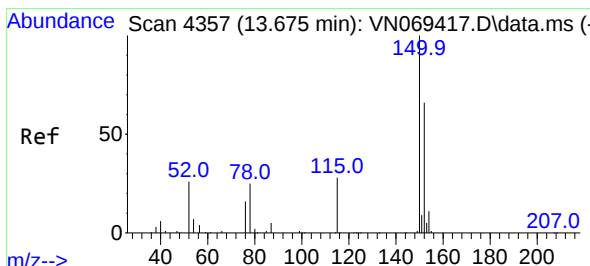
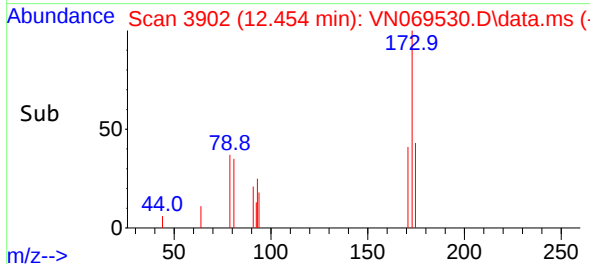
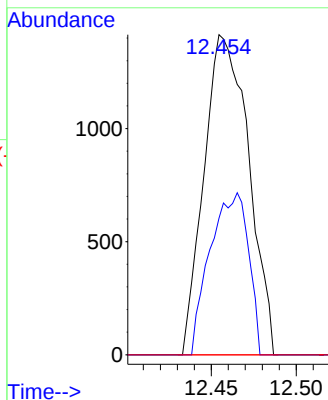
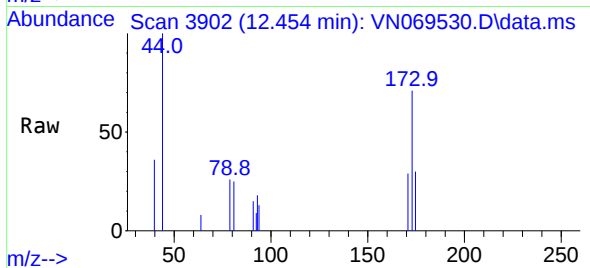
#71
Bromoform
Concen: 0.333 ug/l
RT: 12.454 min Scan# 3904
Delta R.T. -0.006 min
Lab File: VN069530.D
Acq: 17 Nov 2021 15:05

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

Tgt Ion:173 Resp: 257
Ion Ratio Lower Upper
173 100
175 0.0 24.2 72.6
254 0.0 0.0 0.0

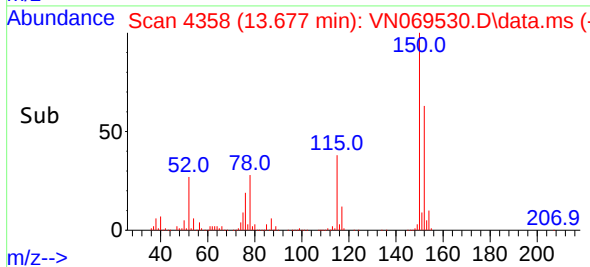
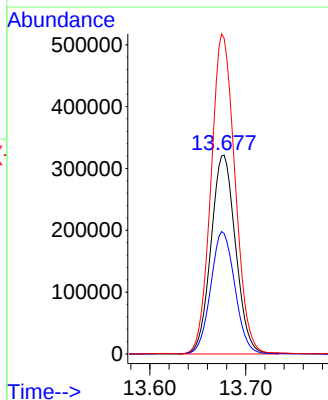
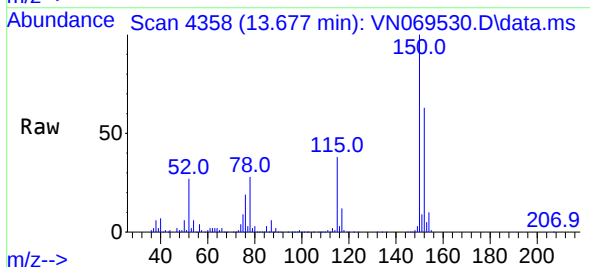
Manual Integrations
APPROVED

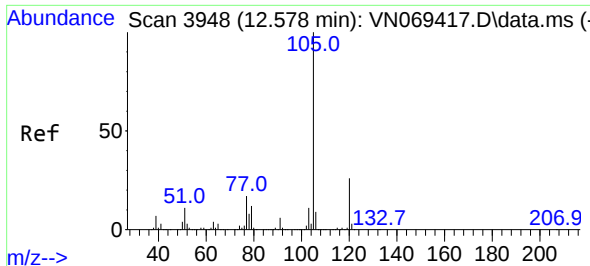
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.677 min Scan# 4358
Delta R.T. 0.002 min
Lab File: VN069530.D
Acq: 17 Nov 2021 15:05

Tgt Ion:152 Resp: 572698
Ion Ratio Lower Upper
152 100
115 60.2 27.5 82.5
150 157.2 0.0 344.4





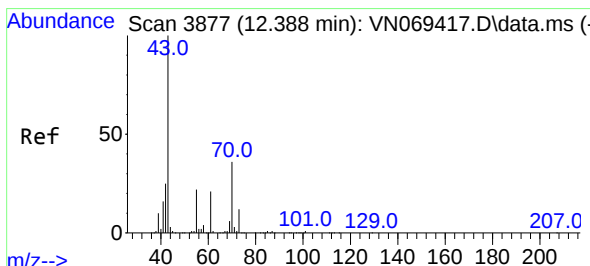
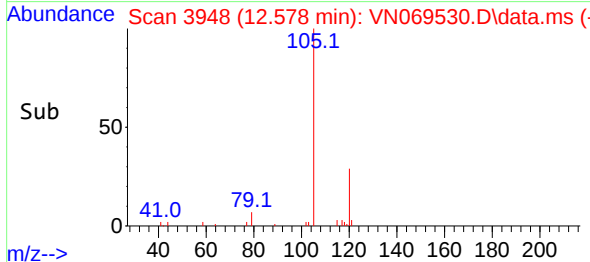
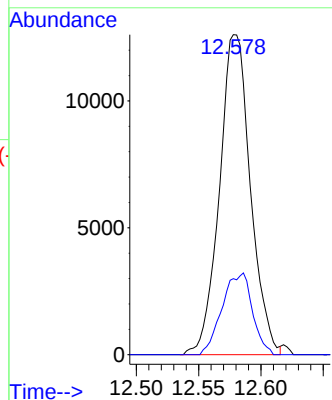
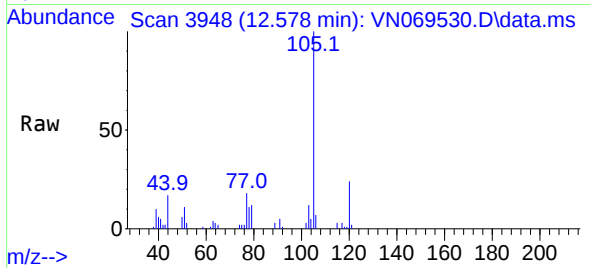
#73
Isopropylbenzene
Concen: 0.480 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. -0.000 min
Lab File: VN069530.D
Acq: 17 Nov 2021 15:05

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

Tgt Ion:105 Resp: 2186
Ion Ratio Lower Upper
105 100
120 24.8 13.4 40.1

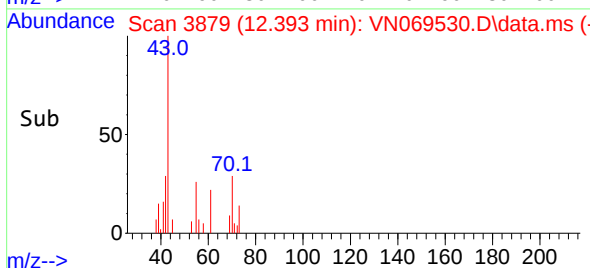
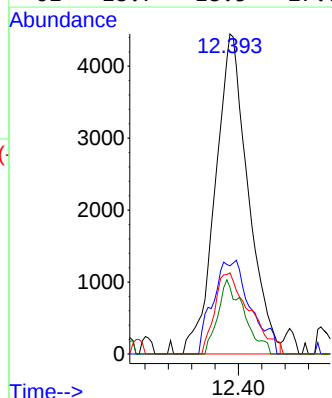
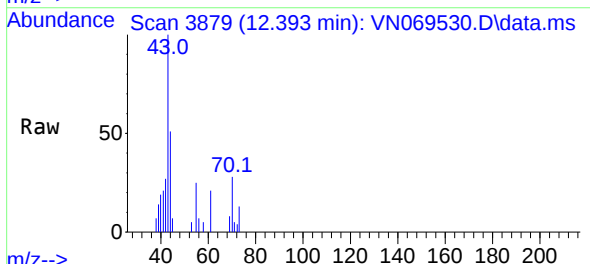
Manual Integrations
APPROVED

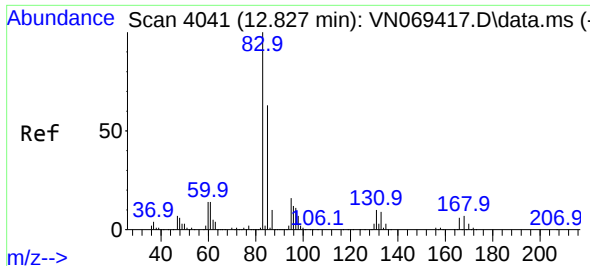
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#74
N-ethyl acetate
Concen: 0.446 ug/l
RT: 12.393 min Scan# 3879
Delta R.T. 0.005 min
Lab File: VN069530.D
Acq: 17 Nov 2021 15:05

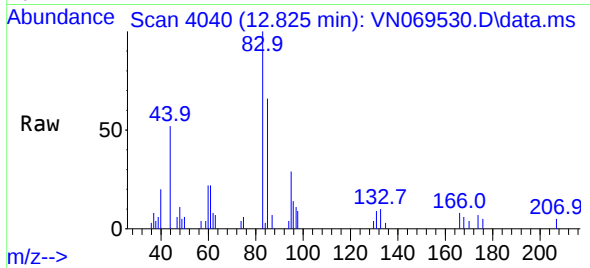
Tgt Ion: 43 Resp: 8616
Ion Ratio Lower Upper
43 100
70 33.8 33.4 50.0
55 27.3 19.3 28.9
61 18.7 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 0.559 ug/l
RT: 12.825 min Scan# 4041
Delta R.T. -0.002 min
Lab File: VN069530.D
Acq: 17 Nov 2021 15:05

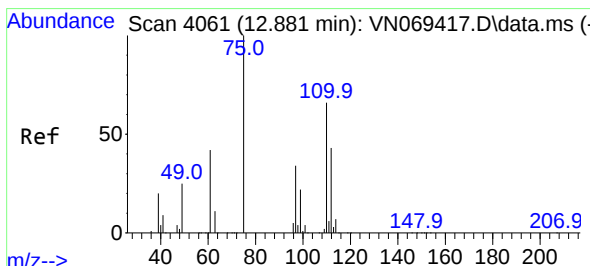
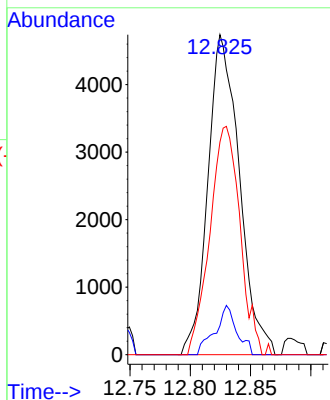
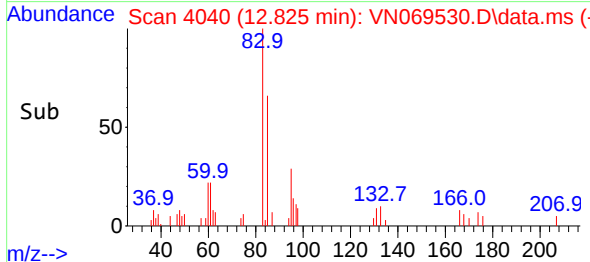
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT4-2021



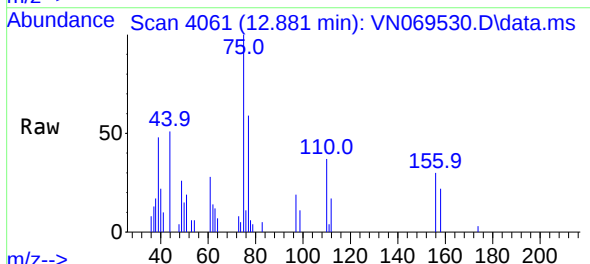
Tgt Ion: 83 Resp: 8594
Ion Ratio Lower Upper
83 100
131 10.6 5.5 16.5
85 68.1 32.4 97.2

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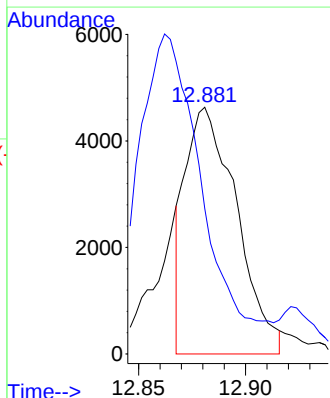
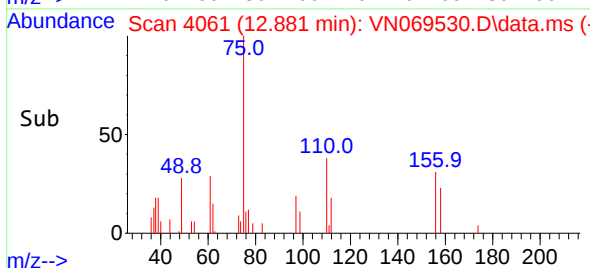
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

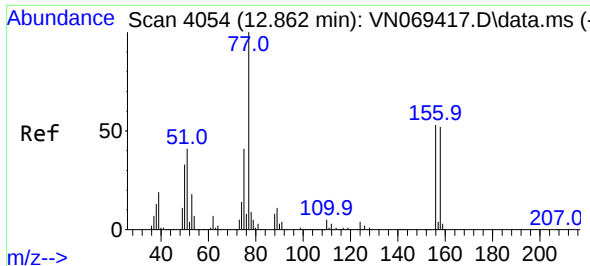


#76
1,2,3-Trichloropropane
Concen: 0.583 ug/l m
RT: 12.881 min Scan# 4061
Delta R.T. -0.000 min
Lab File: VN069530.D
Acq: 17 Nov 2021 15:05



Tgt Ion: 75 Resp: 7706
Ion Ratio Lower Upper
75 100
77 60.7 82.6 247.8#





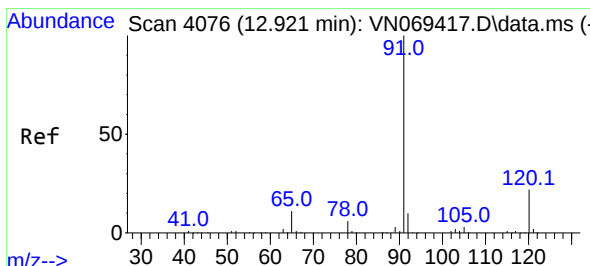
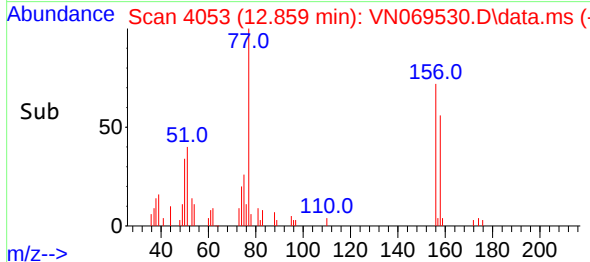
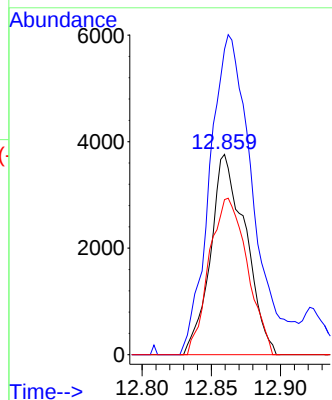
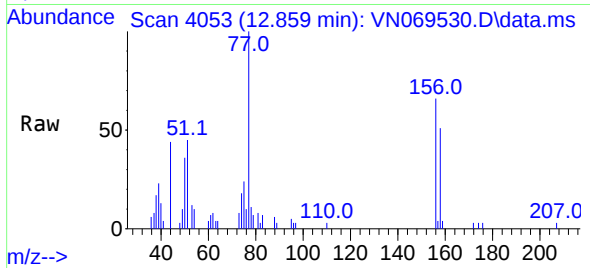
#77
Bromobenzene
Concen: 0.635 ug/l
RT: 12.859 min Scan# 4053
Delta R.T. -0.003 min
Lab File: VN069530.D
Acq: 17 Nov 2021 15:05

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

Tgt Ion:156 Resp: 661
Ion Ratio Lower Upper
156 100
77 197.0 90.6 271.8
158 84.7 48.9 146.7

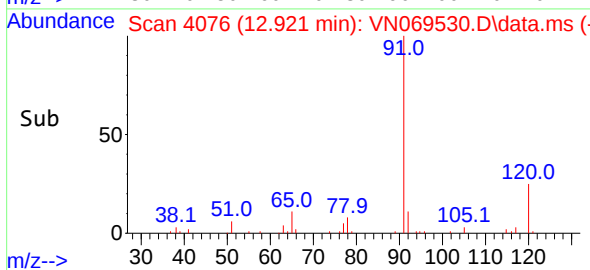
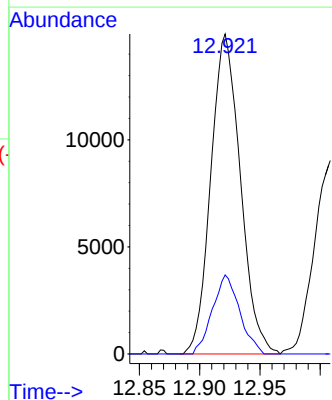
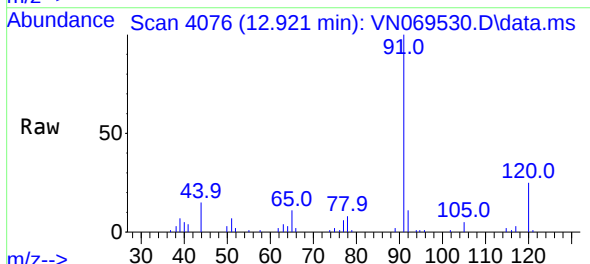
Manual Integrations
APPROVED

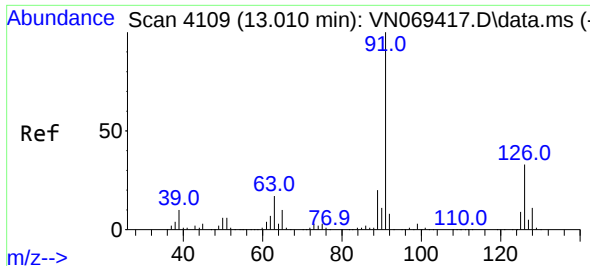
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#78
n-propylbenzene
Concen: 0.496 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN069530.D
Acq: 17 Nov 2021 15:05

Tgt Ion: 91 Resp: 25468
Ion Ratio Lower Upper
91 100
120 22.7 11.9 35.9





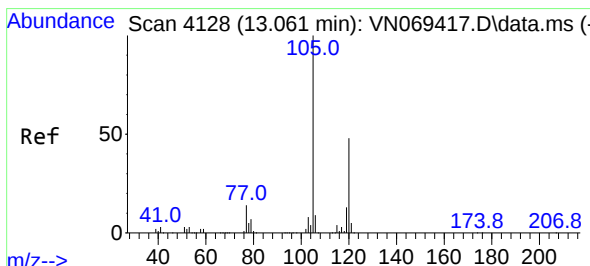
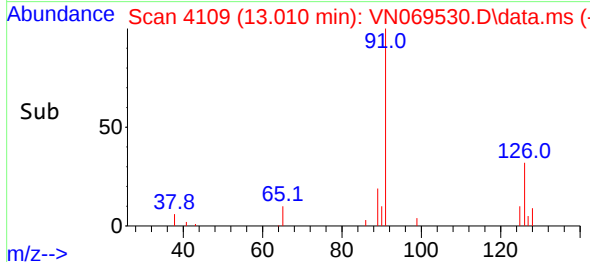
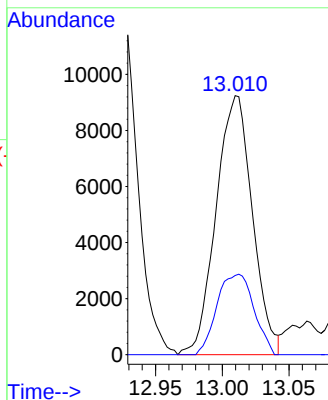
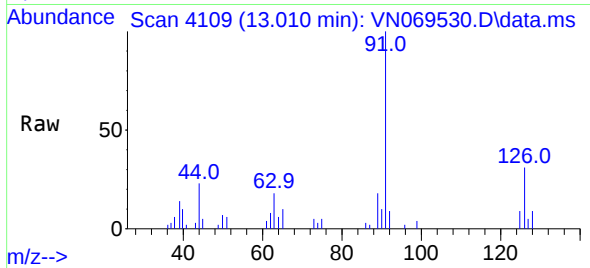
#79
2-Chlorotoluene
Concen: 0.551 ug/l
RT: 13.010 min Scan# 4109
Delta R.T. -0.000 min
Lab File: VN069530.D
Acq: 17 Nov 2021 15:05

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

Tgt Ion: 91 Resp: 17492
Ion Ratio Lower Upper
91 100
126 31.6 18.3 54.8

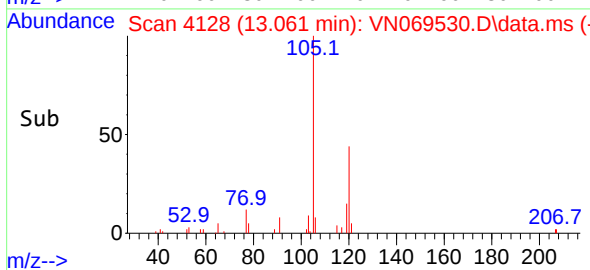
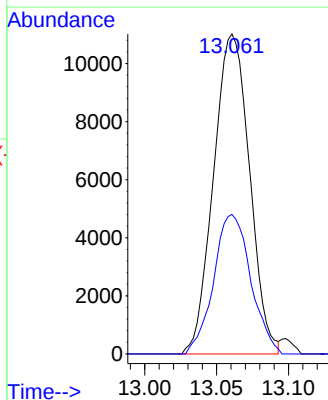
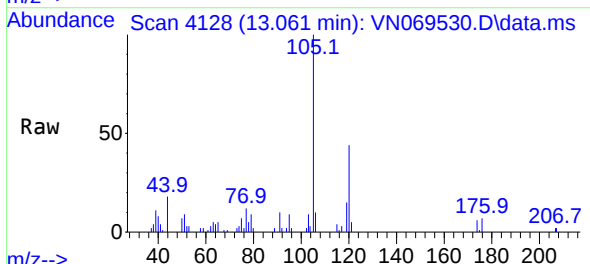
Manual Integrations
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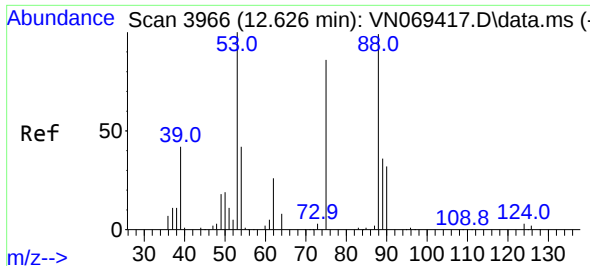
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#80
1,3,5-Trimethylbenzene
Concen: 0.521 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. -0.000 min
Lab File: VN069530.D
Acq: 17 Nov 2021 15:05

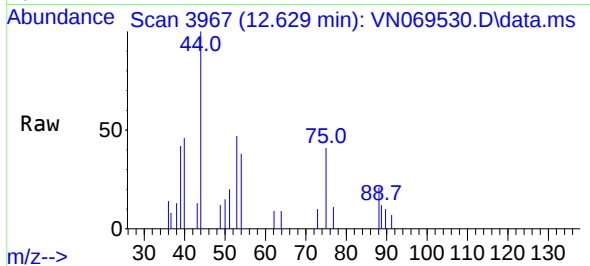
Tgt Ion:105 Resp: 19208
Ion Ratio Lower Upper
105 100
120 44.9 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 0.323 ug/l m
RT: 12.629 min Scan# 3966
Delta R.T. 0.003 min
Lab File: VN069530.D
Acq: 17 Nov 2021 15:05

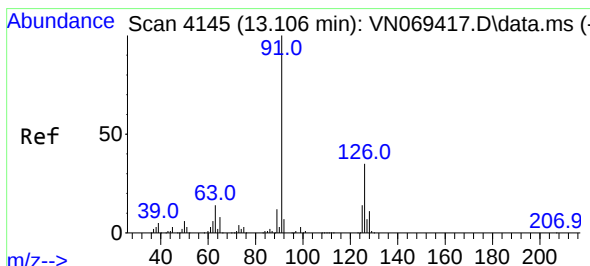
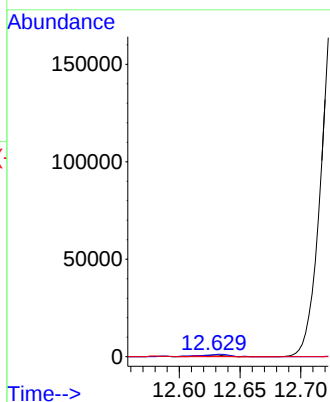
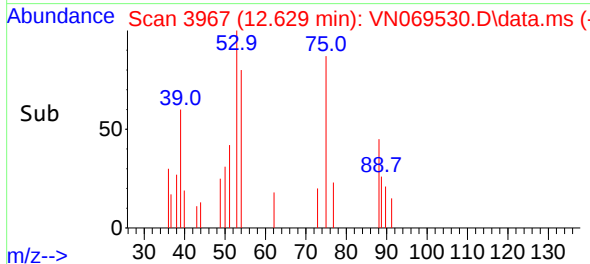
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



Tgt Ion: 75 Resp: 1274
Ion Ratio Lower Upper
75 100
53 10.9 90.5 135.7
89 0.0 38.2 57.4

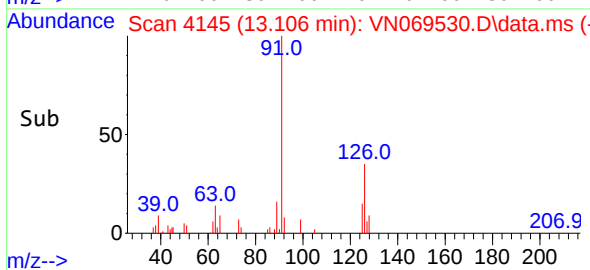
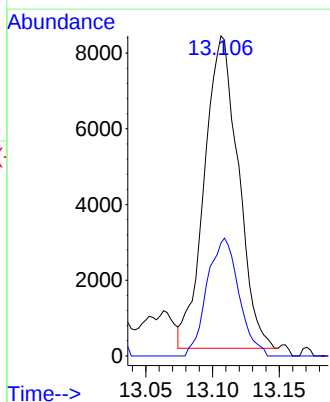
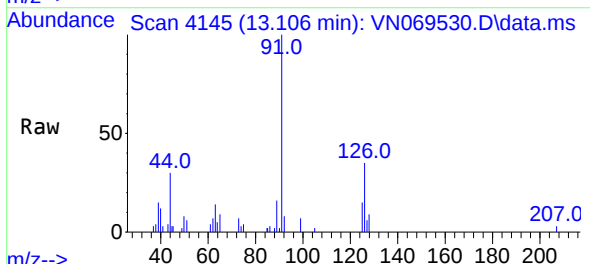
Manual Integrations
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Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#82
4-Chlorotoluene
Concen: 0.482 ug/l
RT: 13.106 min Scan# 4145
Delta R.T. 0.000 min
Lab File: VN069530.D
Acq: 17 Nov 2021 15:05

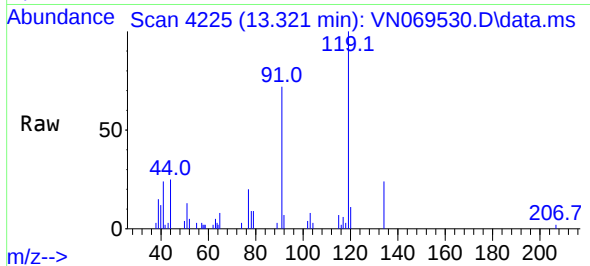
Tgt Ion: 91 Resp: 14586
Ion Ratio Lower Upper
91 100
126 35.2 18.2 54.6





#83
tert-Butylbenzene
Concen: 0.473 ug/l
RT: 13.321 min Scan# 411
Delta R.T. -0.003 min
Lab File: VN069530.D
Acq: 17 Nov 2021 15:05

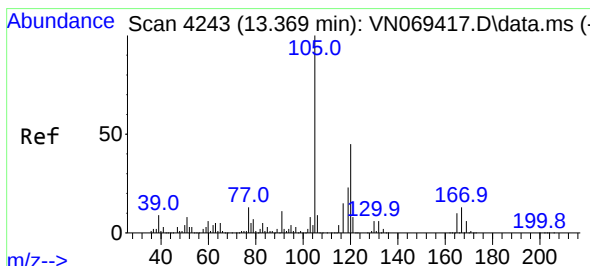
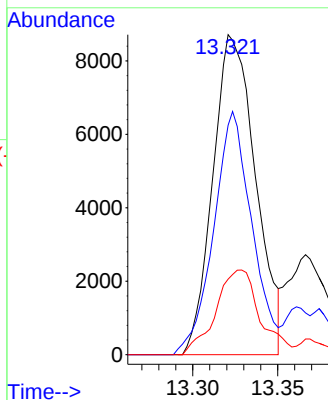
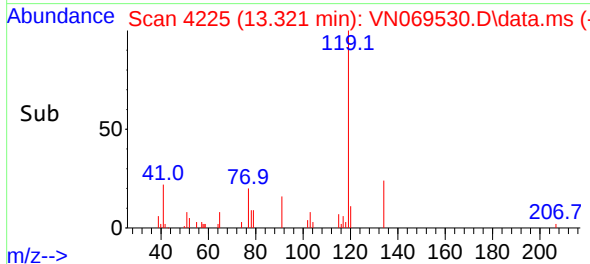
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



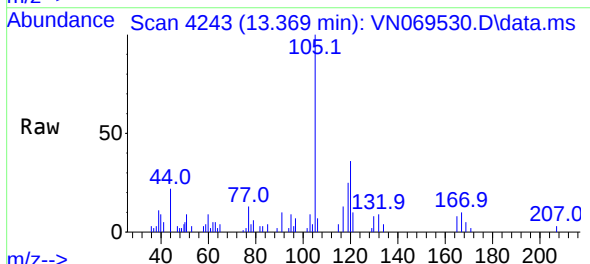
Tgt Ion:119 Resp: 15264
Ion Ratio Lower Upper
119 100
91 67.9 31.5 94.5
134 27.3 12.4 37.4

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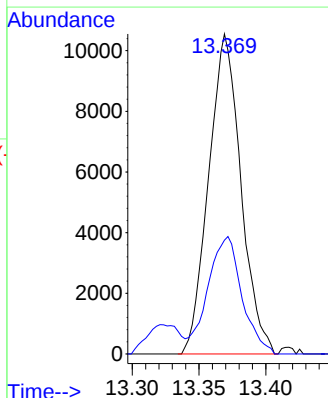
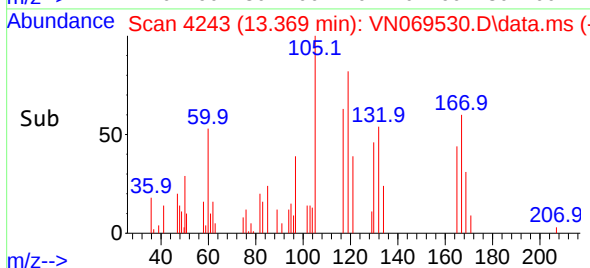
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#84
1,2,4-Trimethylbenzene
Concen: 0.497 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.000 min
Lab File: VN069530.D
Acq: 17 Nov 2021 15:05



Tgt Ion:105 Resp: 17702
Ion Ratio Lower Upper
105 100
120 38.9 22.8 68.4





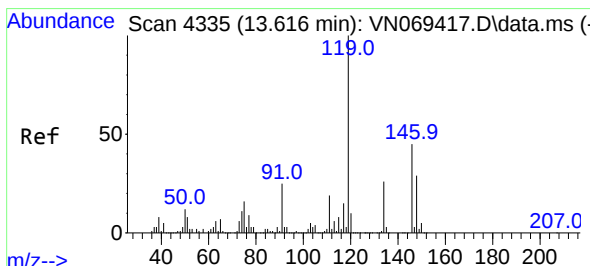
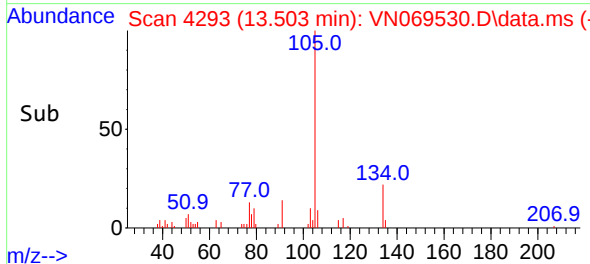
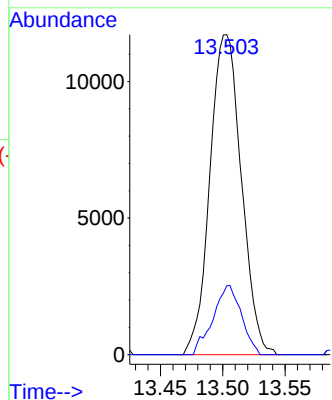
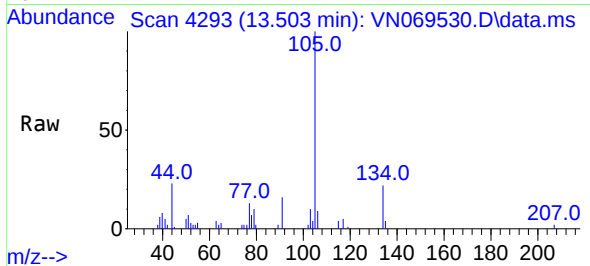
#85
 sec-Butylbenzene
 Concen: 0.456 ug/l
 RT: 13.503 min Scan# 4293
 Delta R.T. 0.000 min
 Lab File: VN069530.D
 Acq: 17 Nov 2021 15:05

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

Tgt Ion:105 Resp: 20559
 Ion Ratio Lower Upper
 105 100
 134 19.5 10.4 31.1

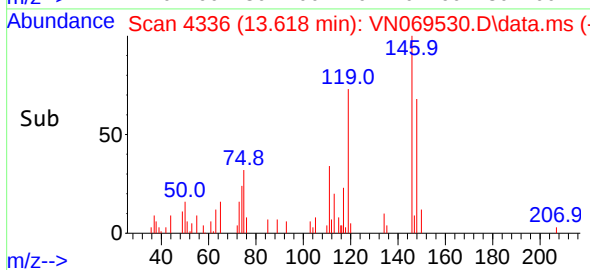
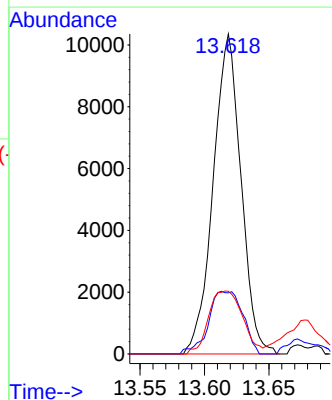
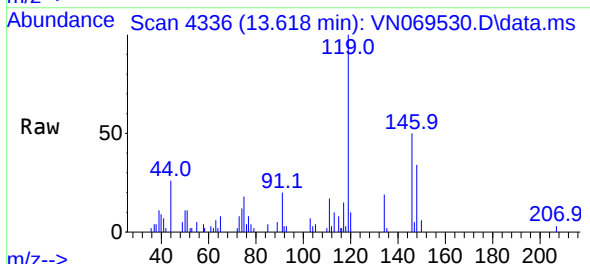
Manual Integrations
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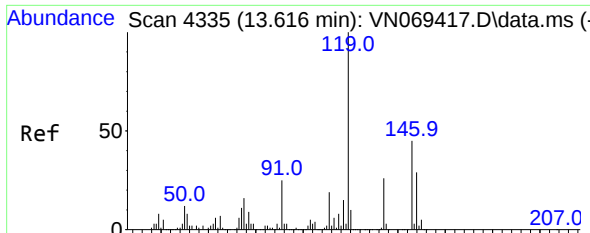
Reviewed By :John Carlone 11/18/2021
 Supervised By :Mahesh Dadoda 11/18/2021



#86
 p-Isopropyltoluene
 Concen: 0.433 ug/l
 RT: 13.618 min Scan# 4336
 Delta R.T. 0.002 min
 Lab File: VN069530.D
 Acq: 17 Nov 2021 15:05

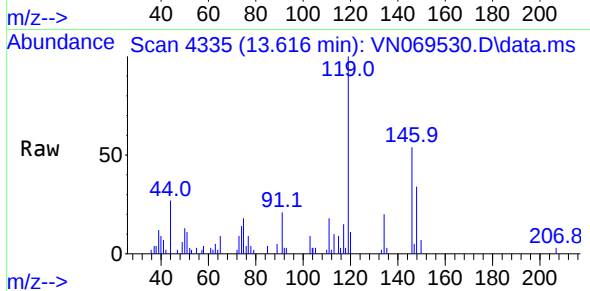
Tgt Ion:119 Resp: 15518
 Ion Ratio Lower Upper
 119 100
 134 24.1 13.6 40.7
 91 24.2 11.4 34.1





#87
1,3-Dichlorobenzene
Concen: 0.512 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. -0.000 min
Lab File: VN069530.D
Acq: 17 Nov 2021 15:05

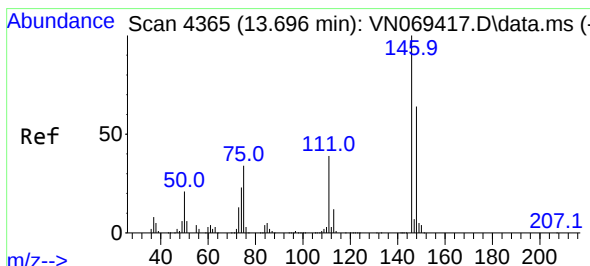
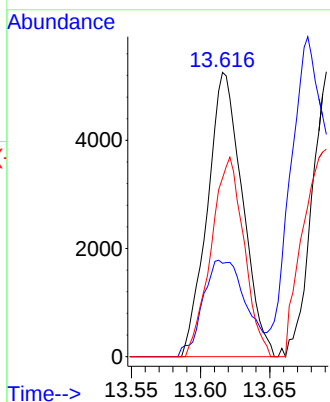
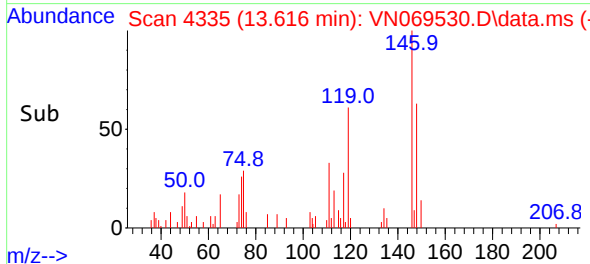
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



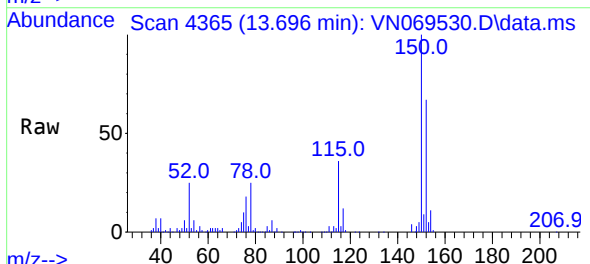
Tgt Ion:146 Resp: 925
Ion Ratio Lower Upper
146 100
111 41.1 18.6 55.6
148 66.0 31.6 95.0

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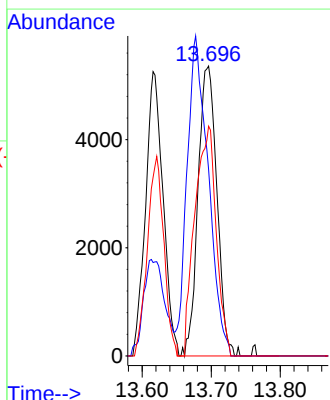
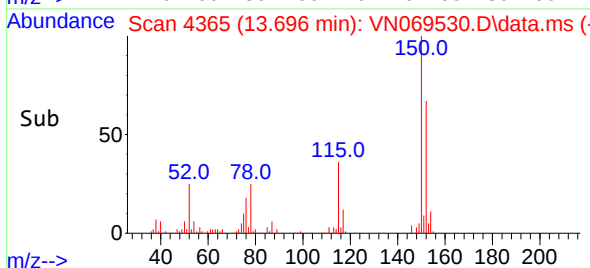
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

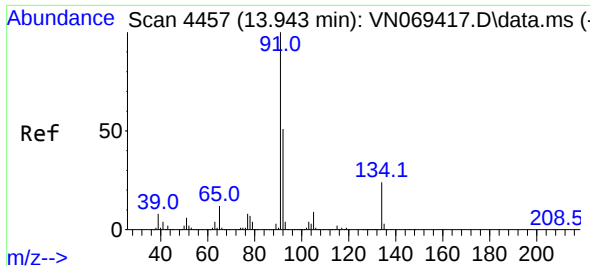


#88
1,4-Dichlorobenzene
Concen: 0.576 ug/l m
RT: 13.696 min Scan# 4365
Delta R.T. 0.000 min
Lab File: VN069530.D
Acq: 17 Nov 2021 15:05



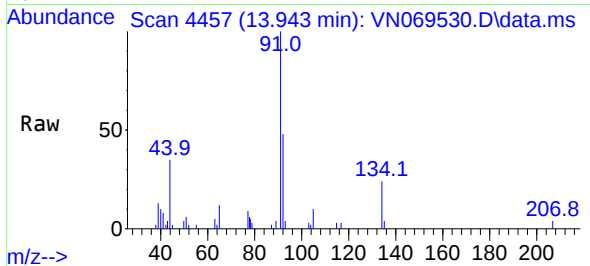
Tgt Ion:146 Resp: 10219
Ion Ratio Lower Upper
146 100
111 37.2 18.3 54.8
148 59.8 31.8 95.4





#89
n-Butylbenzene
Concen: 0.449 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. -0.000 min
Lab File: VN069530.D
Acq: 17 Nov 2021 15:05

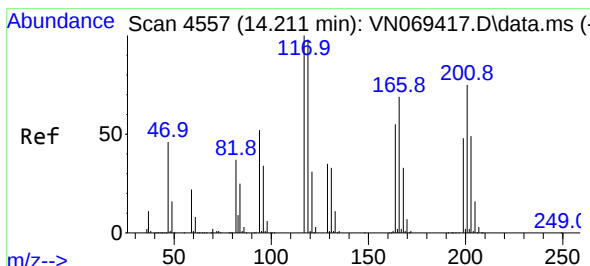
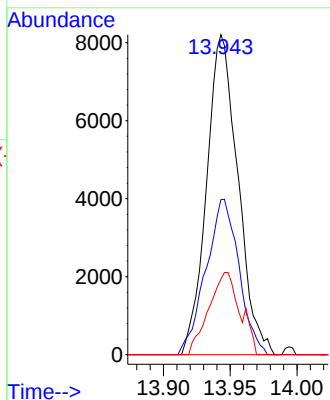
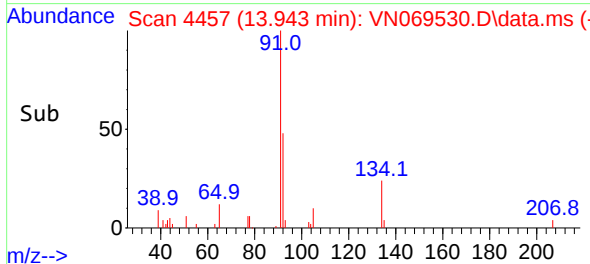
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT4-2021



Tgt Ion: 91 Resp: 13400
Ion Ratio Lower Upper
91 100
92 51.3 25.4 76.0
134 25.7 13.6 40.8

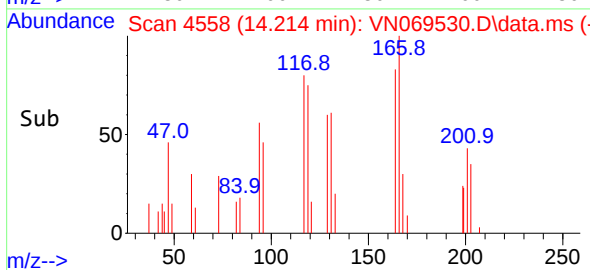
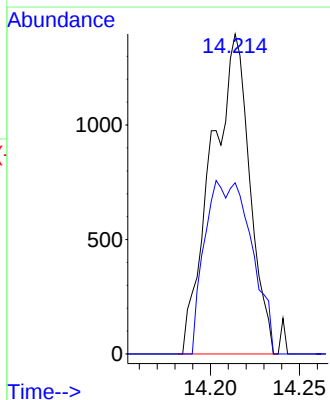
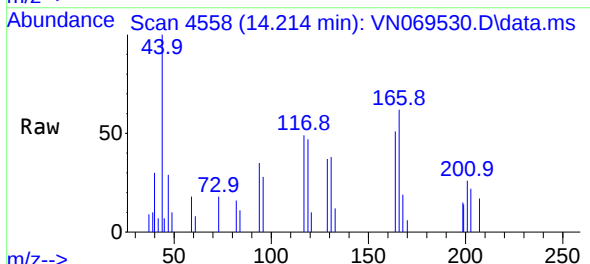
Manual Integrations
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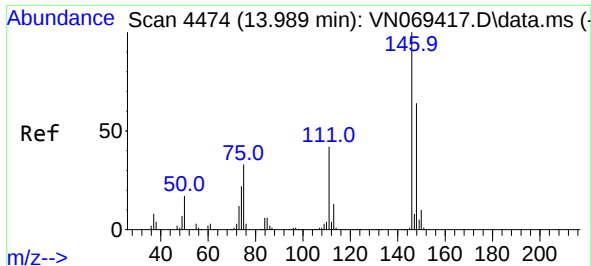
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#90
Hexachloroethane
Concen: 0.356 ug/l
RT: 14.214 min Scan# 4558
Delta R.T. 0.003 min
Lab File: VN069530.D
Acq: 17 Nov 2021 15:05

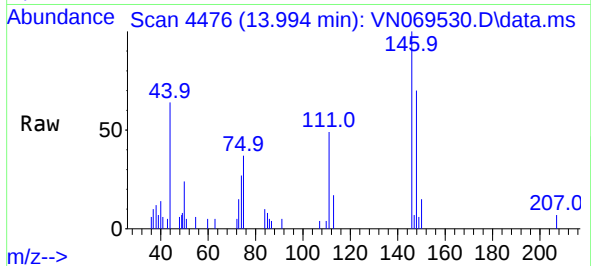
Tgt Ion:117 Resp: 2094
Ion Ratio Lower Upper
117 100
201 31.4 43.9 131.6#





#91
1,2-Dichlorobenzene
Concen: 0.518 ug/l
RT: 13.994 min Scan# 4476
Delta R.T. 0.005 min
Lab File: VN069530.D
Acq: 17 Nov 2021 15:05

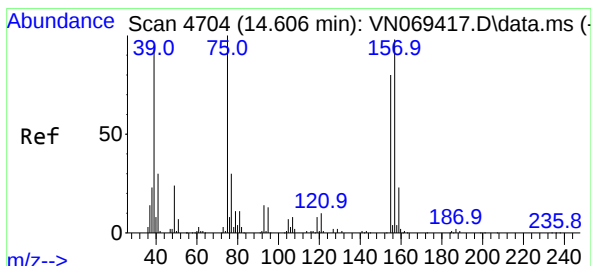
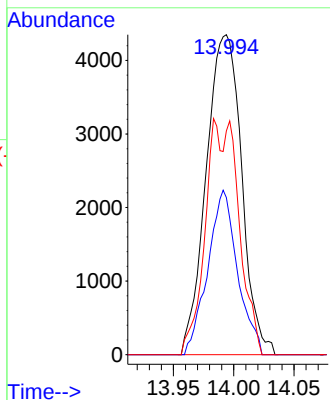
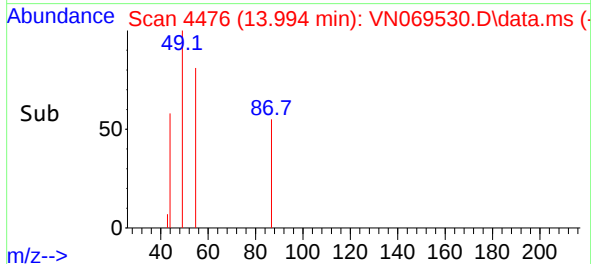
Instrument :
MSVOA_N
ClientSampleId :
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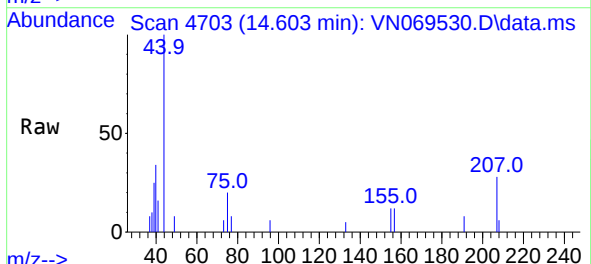
Tgt Ion:146 Resp: 8910
Ion Ratio Lower Upper
146 100
111 43.1 19.1 57.3
148 38.1 32.1 96.3

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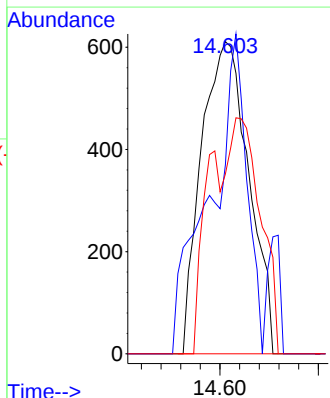
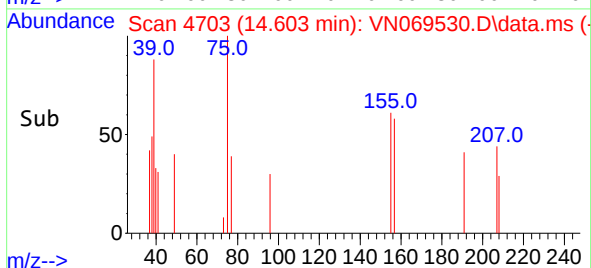
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.410 ug/l
RT: 14.603 min Scan# 4703
Delta R.T. -0.003 min
Lab File: VN069530.D
Acq: 17 Nov 2021 15:05



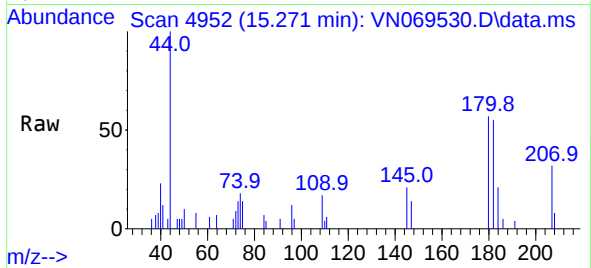
Tgt Ion: 75 Resp: 1020
Ion Ratio Lower Upper
75 100
155 79.9 46.9 140.7
157 49.1 60.6 181.7#





#93
1,2,4-Trichlorobenzene
Concen: 0.485 ug/l
RT: 15.271 min Scan# 4952
Delta R.T. 0.006 min
Lab File: VN069530.D
Acq: 17 Nov 2021 15:05

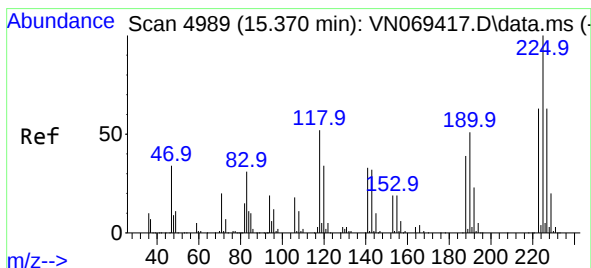
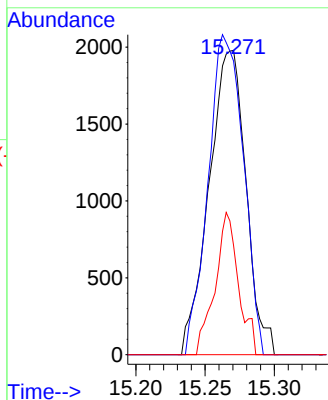
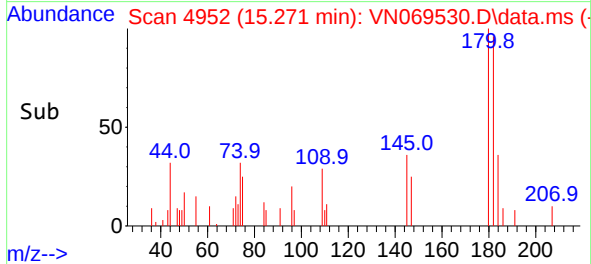
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



Tgt Ion:180 Resp: 3674
Ion Ratio Lower Upper
180 100
182 100.0 48.3 144.9
145 29.5 14.5 43.5

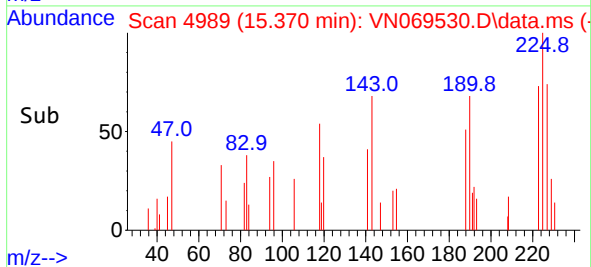
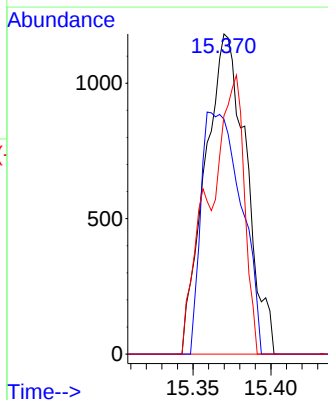
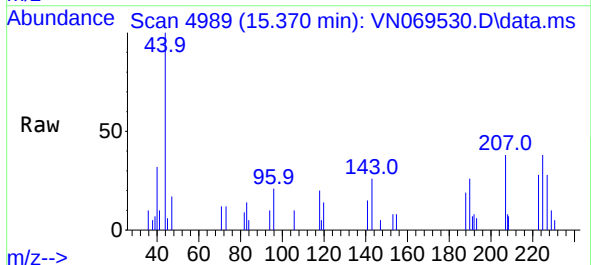
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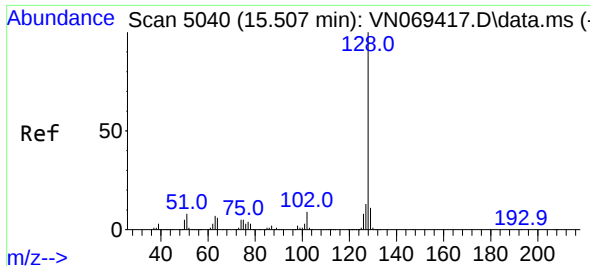
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#94
Hexachlorobutadiene
Concen: 0.484 ug/l
RT: 15.370 min Scan# 4989
Delta R.T. -0.000 min
Lab File: VN069530.D
Acq: 17 Nov 2021 15:05

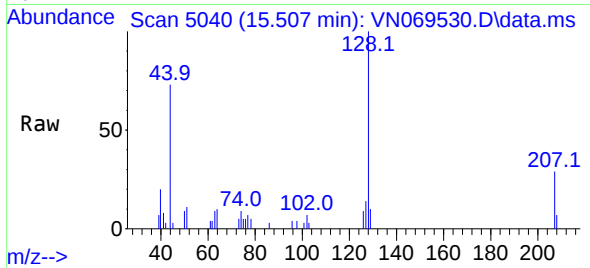
Tgt Ion:225 Resp: 2165
Ion Ratio Lower Upper
225 100
223 0.0 31.9 95.7#
227 52.4 32.1 96.3





#95
Naphthalene
Concen: 0.526 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN069530.D
Acq: 17 Nov 2021 15:05

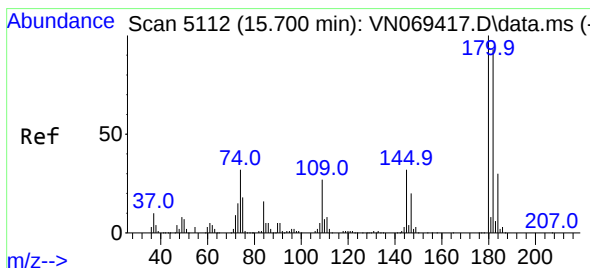
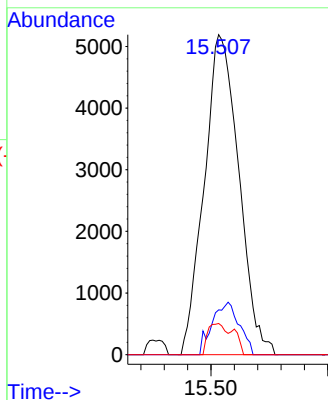
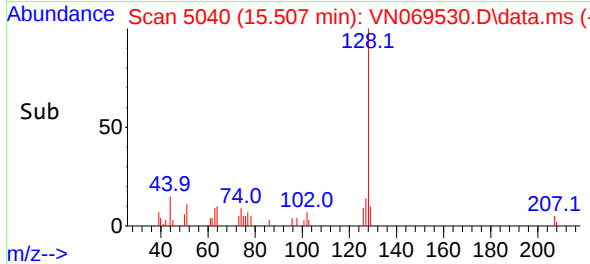
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



Tgt Ion:128 Resp: 1068
Ion Ratio Lower Upper
128 100
127 12.8 10.5 15.7
129 5.2 8.7 13.1

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



#96
1,2,3-Trichlorobenzene
Concen: 0.459 ug/l
RT: 15.702 min Scan# 5113
Delta R.T. 0.002 min
Lab File: VN069530.D
Acq: 17 Nov 2021 15:05

Tgt Ion:180 Resp: 3333
Ion Ratio Lower Upper
180 100
182 108.8 47.4 142.2
145 35.0 15.0 45.1

