

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111521\
 Data File : VN069492.D
 Acq On : 15 Nov 2021 15:41
 Operator : JC/MD
 Sample : M4068-07
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Nov 16 02:45:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 16 02:35:15 2021
 Response via : Initial Calibration

Manual Integrations
 APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	8.085	168	1031189	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1777996	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1600787	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	542196	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	779128	52.110	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 104.220%			
35) Dibromofluoromethane	8.021	113	514875	48.283	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 96.560%			
50) Toluene-d8	10.440	98	2062065	49.167	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 98.340%			
62) 4-Bromofluorobenzene	12.733	95	650258	42.205	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 84.400%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	21987	1.996	ug/l	95
3) Chloromethane	2.303	50	30154	2.360	ug/l	98
4) Vinyl Chloride	2.445	62	28167	2.202	ug/l	99
5) Bromomethane	2.845	94	18331	2.206	ug/l	94
6) Chloroethane	3.017	64	18969	2.197	ug/l	95
7) Trichlorofluoromethane	3.368	101	42894	2.169	ug/l	99
8) Diethyl Ether	3.821	74	14084	2.202	ug/l	78
9) 1,1,2-Trichlorotrifluo...	4.210	101	20813m	2.235	ug/l	
10) Methyl Iodide	4.414	142	22525	1.972	ug/l #	44
11) Tert butyl alcohol	5.379	59	37638m	13.970	ug/l	
12) 1,1-Dichloroethene	4.175	96	18348	2.195	ug/l	93
13) Acrolein	4.049	56	7173m	16.946	ug/l	
14) Allyl chloride	4.843	41	38696	2.094	ug/l	89
15) Acrylonitrile	5.567	53	74240	10.760	ug/l	96
16) Acetone	4.296	43	84550	10.481	ug/l	97
17) Carbon Disulfide	4.518	76	38218	1.934	ug/l	99
18) Methyl Acetate	4.864	43	64735	2.469	ug/l #	74
19) Methyl tert-butyl Ether	5.615	73	74658	2.111	ug/l	97
20) Methylene Chloride	5.095	84	27562	2.409	ug/l #	89
21) trans-1,2-Dichloroethene	5.594	96	19662	2.106	ug/l	88
22) Diisopropyl ether	6.495	45	86898	2.183	ug/l #	95
23) Vinyl Acetate	6.436	43	257365	8.360	ug/l #	93
24) 1,1-Dichloroethane	6.382	63	45066	2.223	ug/l	95
25) 2-Butanone	7.343	43	114535	10.485	ug/l	92
26) 2,2-Dichloropropane	7.327	77	31250	1.970	ug/l #	72
27) cis-1,2-Dichloroethene	7.321	96	26564m	2.296	ug/l	
28) Bromochloromethane	7.656	49	27507	2.649	ug/l #	83
29) Tetrahydrofuran	7.689	42	70415	10.504	ug/l	90
30) Chloroform	7.815	83	45724	2.200	ug/l	95
31) Cyclohexane	8.091	56	68819	3.369	ug/l #	79
32) 1,1,1-Trichloroethane	8.013	97	35409	2.041	ug/l	92
36) 1,1-Dichloropropene	8.222	75	31477	2.104	ug/l	97
37) Ethyl Acetate	7.420	43	41152	2.035	ug/l	98
38) Carbon Tetrachloride	8.206	117	28510	1.974	ug/l	95
39) Methylcyclohexane	9.459	83	37833	2.033	ug/l	94
40) Benzene	8.461	78	99684	2.159	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.640	41	22024	2.108	ug/l #	89
42) 1,2-Dichloroethane	8.531	62	40651	2.248	ug/l	90
43) Isopropyl Acetate	8.560	43	66702	2.053	ug/l	93
44) Trichloroethene	9.220	130	23935	2.166	ug/l	98
45) 1,2-Dichloropropane	9.488	63	27588	2.236	ug/l	98
46) Dibromomethane	9.574	93	17556	2.124	ug/l	91
47) Bromodichloromethane	9.762	83	27647	1.793	ug/l	90
48) Methyl methacrylate	9.558	41	29279	1.916	ug/l	91
49) 1,4-Dioxane	9.577	88	10701	39.259	ug/l #	84
51) 4-Methyl-2-Pentanone	10.333	43	219954	10.490	ug/l	94
52) Toluene	10.505	92	61691	2.144	ug/l	98
53) t-1,3-Dichloropropene	10.719	75	27606	1.713	ug/l #	88
54) cis-1,3-Dichloropropene	10.191	75	30508	1.735	ug/l #	81
55) 1,1,2-Trichloroethane	10.899	97	24838	2.142	ug/l	97
56) Ethyl methacrylate	10.762	69	35724	1.861	ug/l #	83
57) 1,3-Dichloropropane	11.044	76	43179	2.119	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.041	63	36731	8.256	ug/l	94
59) 2-Hexanone	11.087	43	147588	9.445	ug/l	93
60) Dibromochloromethane	11.240	129	17045	1.570	ug/l	95
61) 1,2-Dibromoethane	11.344	107	23963	2.041	ug/l	97
64) Tetrachloroethene	10.977	164	22118	2.288	ug/l	96
65) Chlorobenzene	11.771	112	63159	2.120	ug/l	91
66) 1,1,1,2-Tetrachloroethane	11.838	131	19408	1.878	ug/l #	65
67) Ethyl Benzene	11.846	91	112012	2.038	ug/l	96
68) m/p-Xylenes	11.953	106	78817	3.900	ug/l	95
69) o-Xylene	12.280	106	41057	2.038	ug/l	97
70) Styrene	12.296	104	56751	1.753	ug/l	93
71) Bromoform	12.460	173	11700	1.587	ug/l #	98
73) Isopropylbenzene	12.578	105	99398	2.302	ug/l	96
74) N-amyl acetate	12.390	43	34846	1.905	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.827	83	35618	2.446	ug/l	97
76) 1,2,3-Trichloropropane	12.881	75	32820m	2.623	ug/l	
77) Bromobenzene	12.859	156	24481	2.480	ug/l	81
78) n-propylbenzene	12.918	91	106791	2.198	ug/l	96
79) 2-Chlorotoluene	13.007	91	70819	2.355	ug/l	96
80) 1,3,5-Trimethylbenzene	13.061	105	78004	2.235	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.618	75	5713m	1.532	ug/l	
82) 4-Chlorotoluene	13.106	91	62137	2.167	ug/l	93
83) tert-Butylbenzene	13.323	119	70664	2.311	ug/l	93
84) 1,2,4-Trimethylbenzene	13.369	105	75051	2.228	ug/l	95
85) sec-Butylbenzene	13.503	105	90481	2.118	ug/l	98
86) p-Isopropyltoluene	13.616	119	67514	1.991	ug/l	95
87) 1,3-Dichlorobenzene	13.616	146	35838	2.094	ug/l	95
88) 1,4-Dichlorobenzene	13.694	146	37282m	2.220	ug/l	
89) n-Butylbenzene	13.943	91	50945	1.801	ug/l	97
90) Hexachloroethane	14.211	117	10722	1.928	ug/l	78
91) 1,2-Dichlorobenzene	13.989	146	36118	2.217	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.605	75	4758	2.022	ug/l	76
93) 1,2,4-Trichlorobenzene	15.260	180	11135	1.551	ug/l	97
94) Hexachlorobutadiene	15.367	225	9205	2.175	ug/l	97
95) Naphthalene	15.507	128	28420	1.477	ug/l	98
96) 1,2,3-Trichlorobenzene	15.702	180	11448	1.666	ug/l	93

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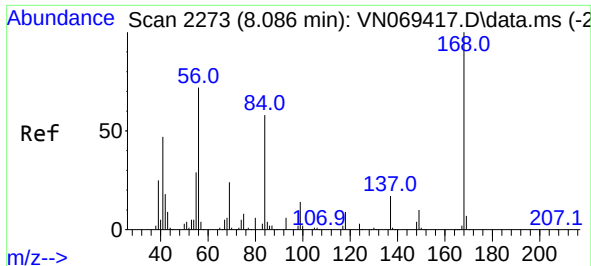
Manual Integrations
APPROVED

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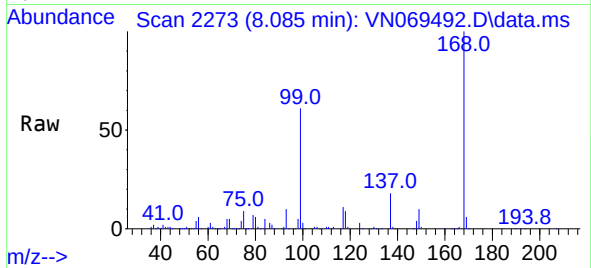
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.085 min Scan# 21
Delta R.T. -0.001 min
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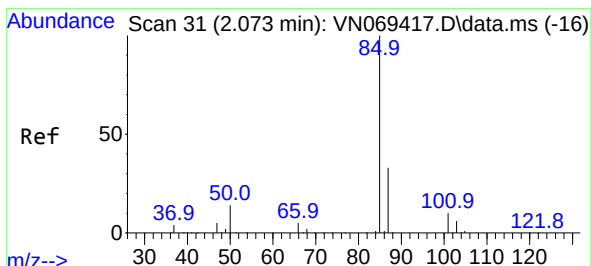
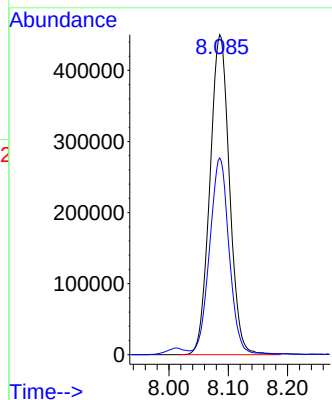
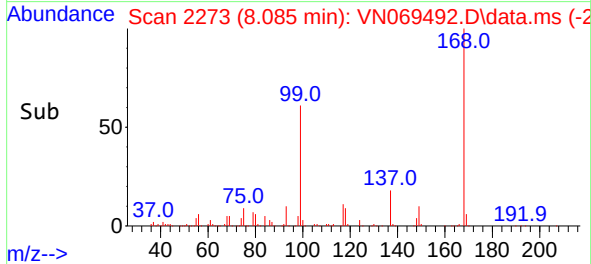
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



Tgt Ion:168 Resp: 1031189
Ion Ratio Lower Upper
168 100
99 61.2 41.3 61.9

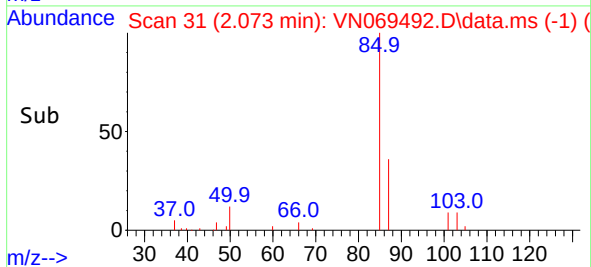
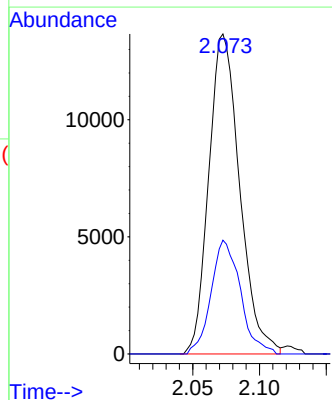
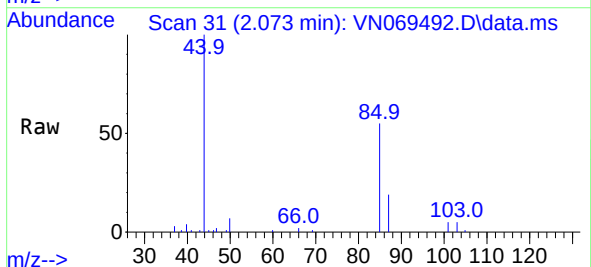
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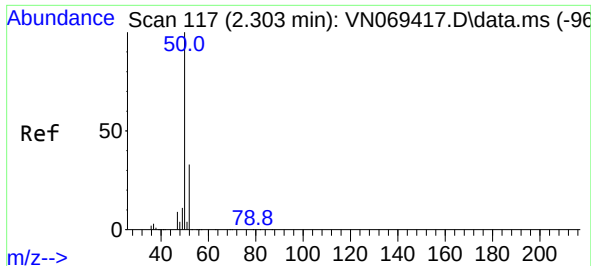
Reviewed By :John Carlone 11/16/2021
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#2
Dichlorodifluoromethane
Concen: 1.996 ug/l
RT: 2.073 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN069492.D
Acq: 15 Nov 2021 15:41

Tgt Ion: 85 Resp: 21987
Ion Ratio Lower Upper
85 100
87 35.5 16.3 48.9





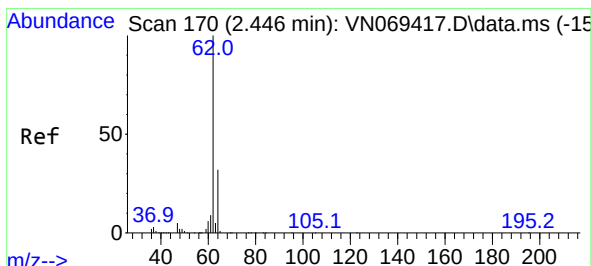
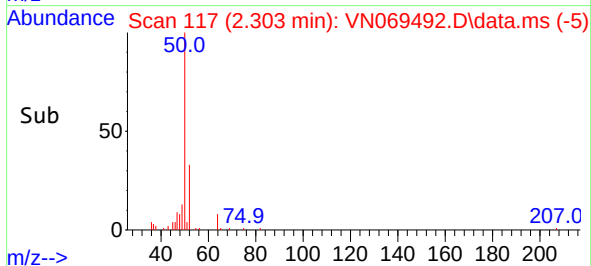
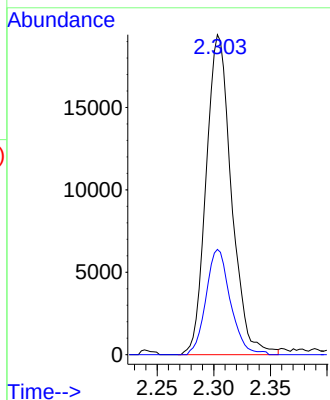
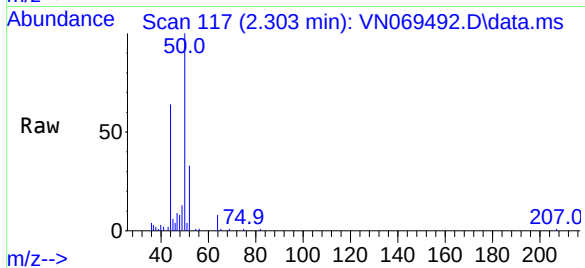
#3
Chloromethane
Concen: 2.360 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN069492.D
Acq: 15 Nov 2021 15:41

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Tgt Ion: 50 Resp: 30154
Ion Ratio Lower Upper
50 100
52 32.9 25.4 38.0

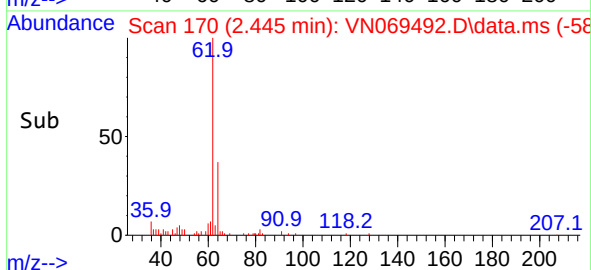
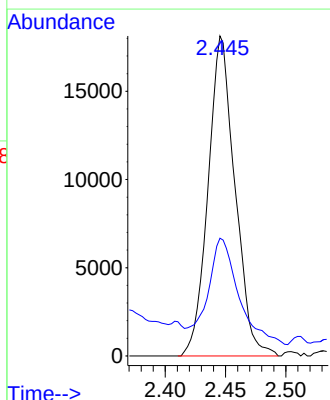
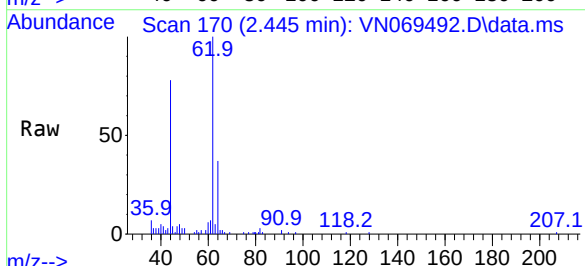
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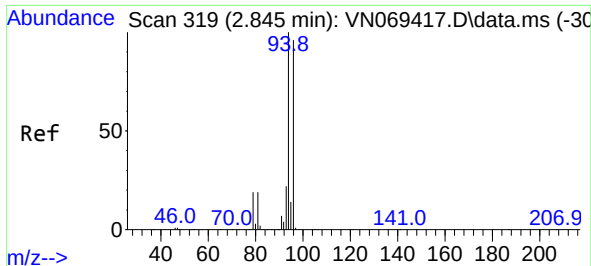
Reviewed By :John Carlone 11/16/2021
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#4
Vinyl Chloride
Concen: 2.202 ug/l
RT: 2.445 min Scan# 170
Delta R.T. -0.001 min
Lab File: VN069492.D
Acq: 15 Nov 2021 15:41

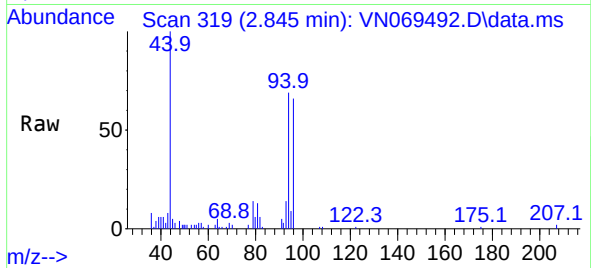
Tgt Ion: 62 Resp: 28167
Ion Ratio Lower Upper
62 100
64 31.7 25.8 38.6





#5
Bromomethane
Concen: 2.206 ug/l
RT: 2.845 min Scan# 319
Delta R.T. -0.000 min
Lab File: VN069492.D
Acq: 15 Nov 2021 15:41

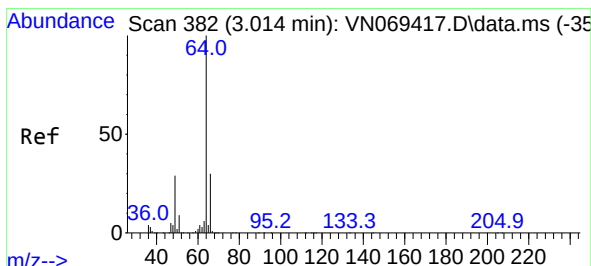
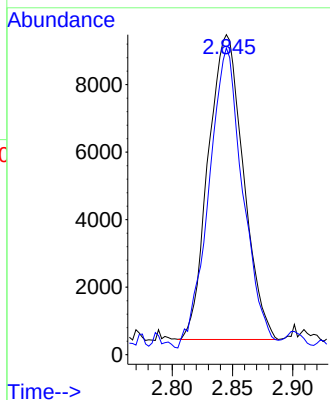
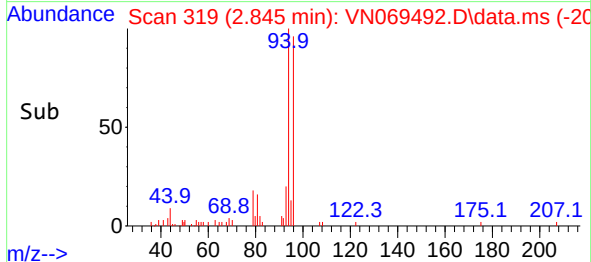
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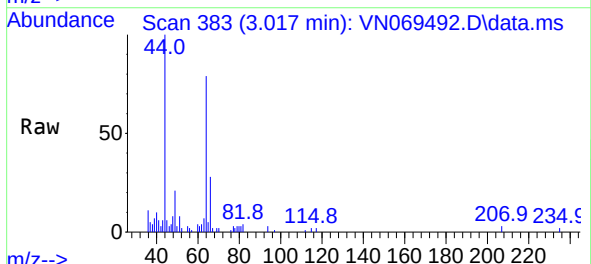
Tgt Ion: 94 Resp: 1833
Ion Ratio Lower Upper
94 100
96 98.4 73.8 110.8

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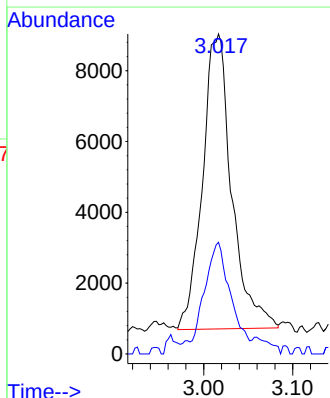
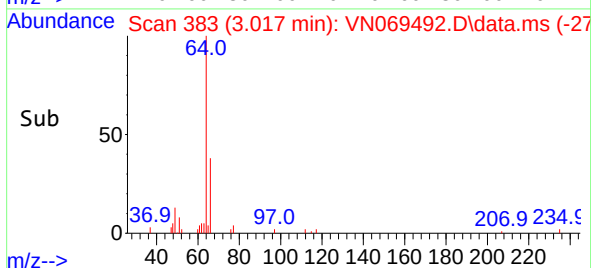
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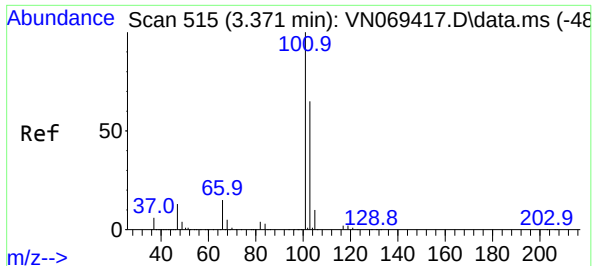


#6
Chloroethane
Concen: 2.197 ug/l
RT: 3.017 min Scan# 383
Delta R.T. 0.003 min
Lab File: VN069492.D
Acq: 15 Nov 2021 15:41



Tgt Ion: 64 Resp: 18969
Ion Ratio Lower Upper
64 100
66 35.5 26.3 39.5





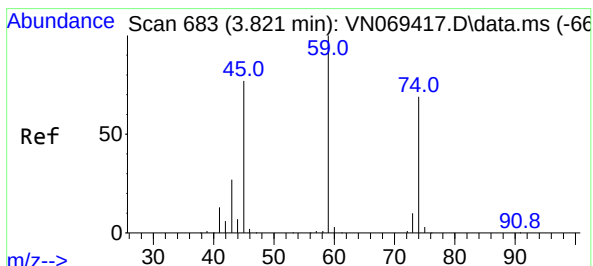
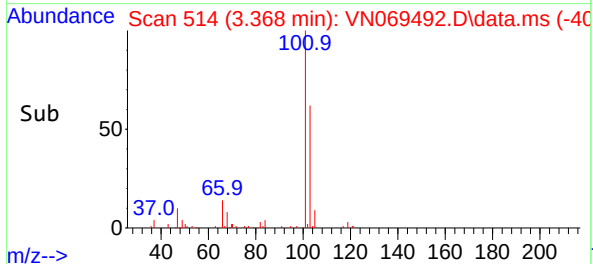
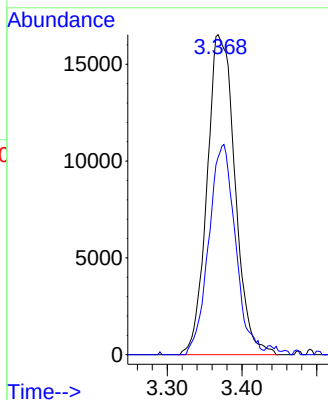
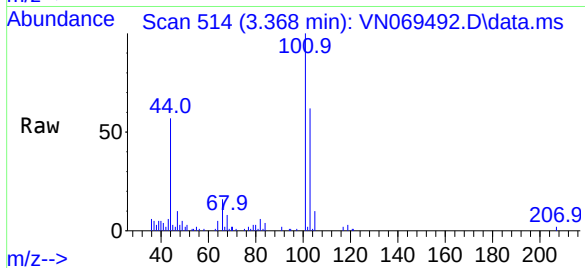
#7
Trichlorofluoromethane
Concen: 2.169 ug/l
RT: 3.368 min Scan# 515
Delta R.T. -0.003 min
Lab File: VN069492.D
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ClientSampleId : LOD-MDL-WATER-01-QT4-2021

Tgt Ion:101 Resp: 42894
Ion Ratio Lower Upper
101 100
103 61.7 50.1 75.1

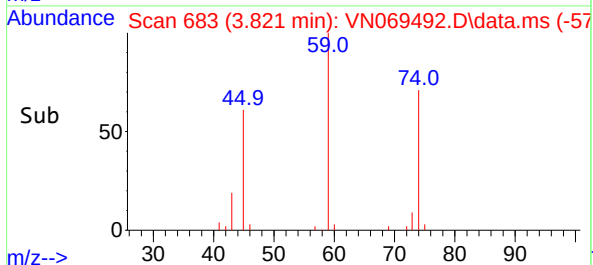
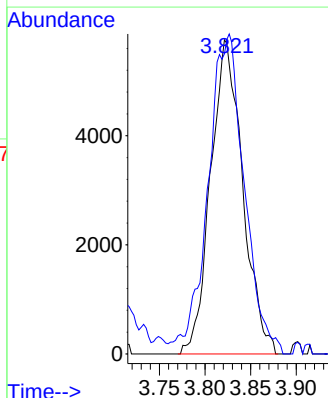
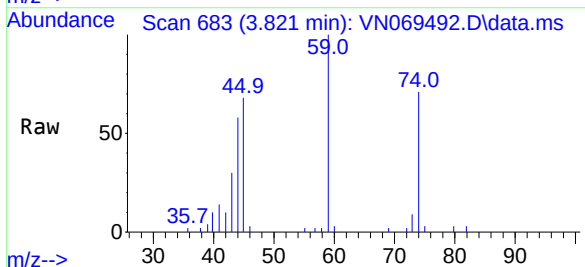
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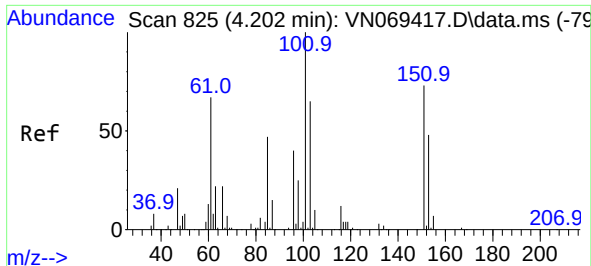
Reviewed By :John Carlone 11/16/2021
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#8
Diethyl Ether
Concen: 2.202 ug/l
RT: 3.821 min Scan# 683
Delta R.T. 0.000 min
Lab File: VN069492.D
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Tgt Ion: 74 Resp: 14084
Ion Ratio Lower Upper
74 100
45 114.9 47.0 141.2





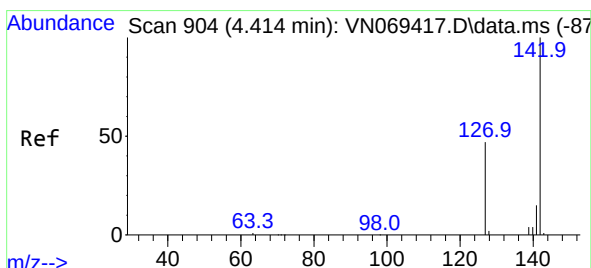
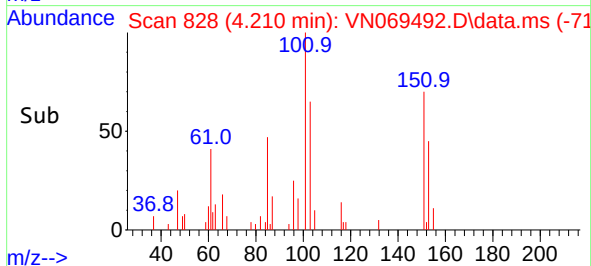
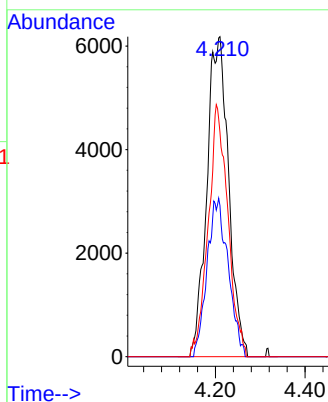
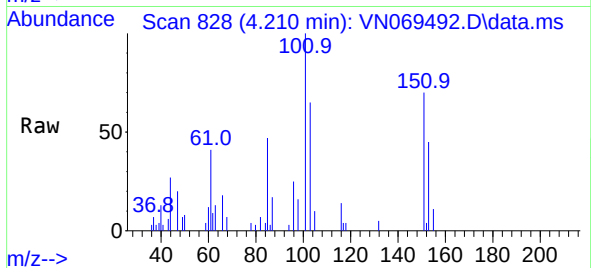
#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.235 ug/l m
RT: 4.210 min Scan# 825
Delta R.T. 0.008 min
Lab File: VN069492.D
Acq: 15 Nov 2021 15:41

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

Tgt Ion:101 Resp: 2081
Ion Ratio Lower Upper
101 100
85 22.2 37.2 55.8
151 71.0 65.9 98.9

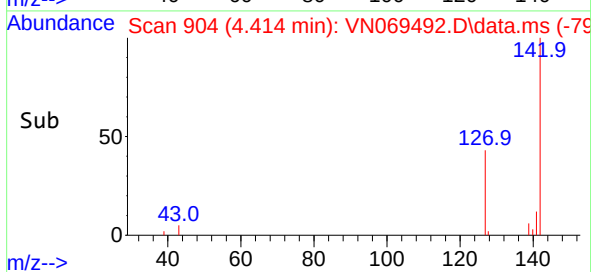
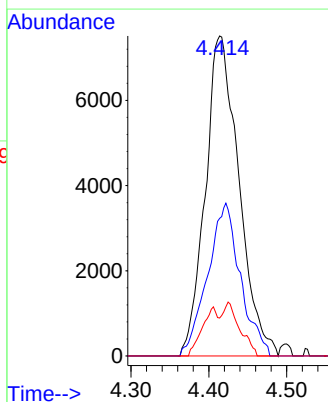
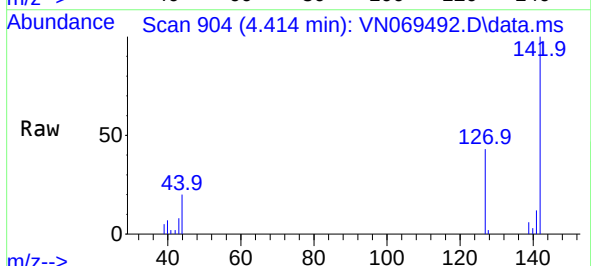
Manual Integrations
APPROVED

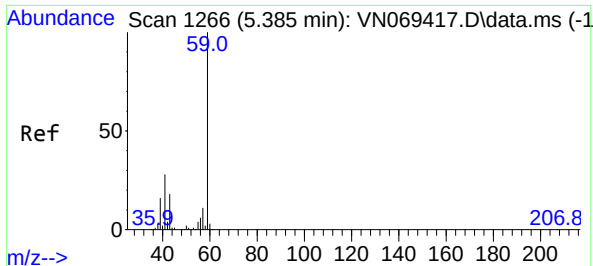
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021



#10
Methyl Iodide
Concen: 1.972 ug/l
RT: 4.414 min Scan# 904
Delta R.T. -0.000 min
Lab File: VN069492.D
Acq: 15 Nov 2021 15:41

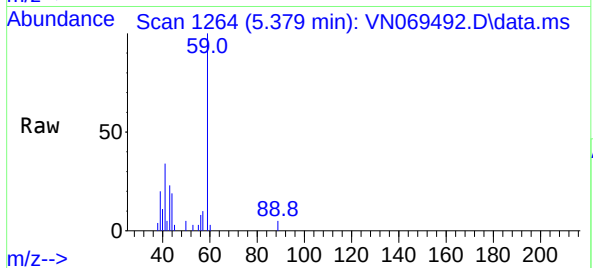
Tgt Ion:142 Resp: 22525
Ion Ratio Lower Upper
142 100
127 0.0 35.4 53.0#
141 7.5 11.6 17.4#





#11
Tert butyl alcohol
Concen: 13.970 ug/l m
RT: 5.379 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN069492.D
Acq: 15 Nov 2021 15:41

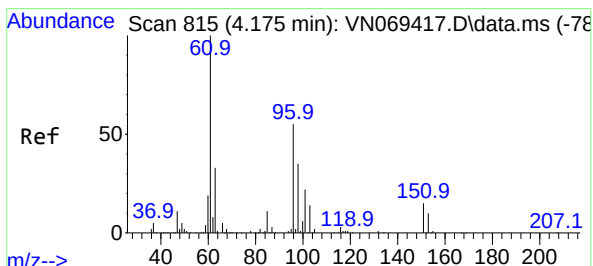
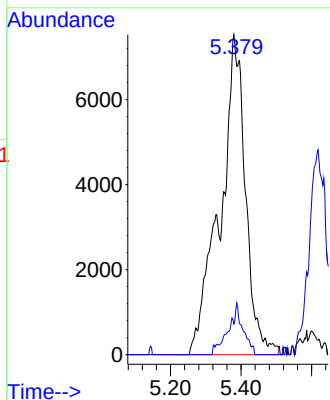
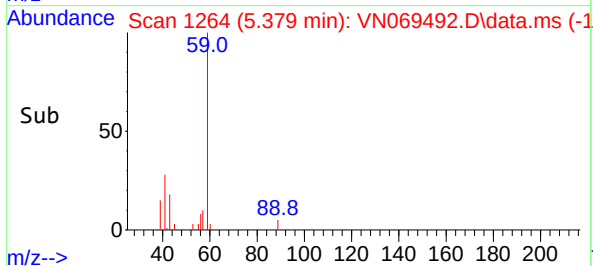
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



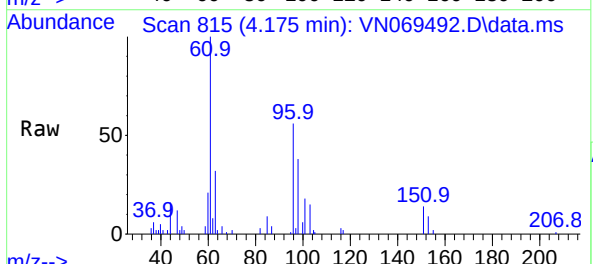
Tgt Ion: 59 Resp: 37638
Ion Ratio Lower Upper
59 100
57 2.2 8.7 13.1

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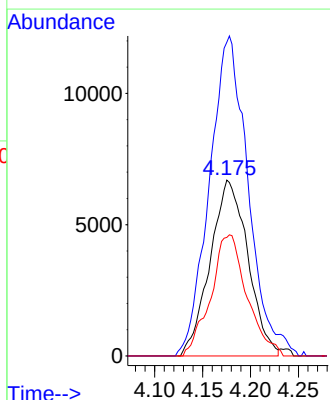
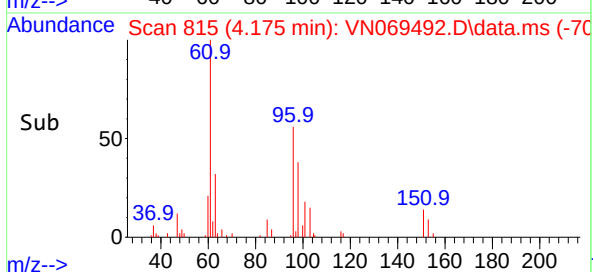
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021

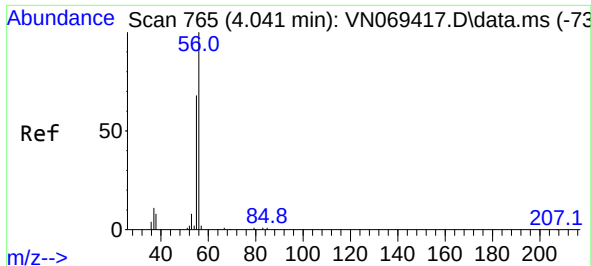


#12
1,1-Dichloroethene
Concen: 2.195 ug/l
RT: 4.175 min Scan# 815
Delta R.T. 0.000 min
Lab File: VN069492.D
Acq: 15 Nov 2021 15:41



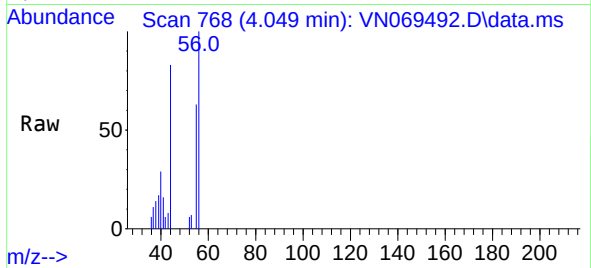
Tgt Ion: 96 Resp: 18348
Ion Ratio Lower Upper
96 100
61 175.9 131.0 196.6
98 67.4 52.4 78.6





#13
Acrolein
Concen: 16.946 ug/l m
RT: 4.049 min Scan# 717
Delta R.T. 0.008 min
Lab File: VN069492.D
Acq: 15 Nov 2021 15:41

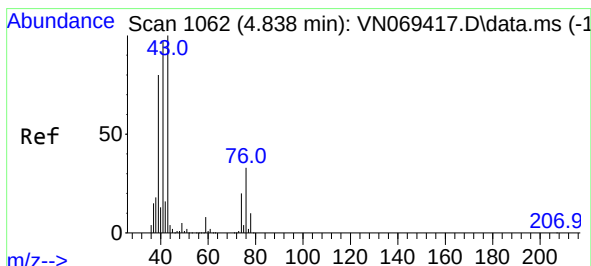
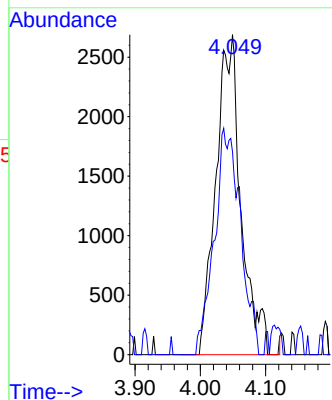
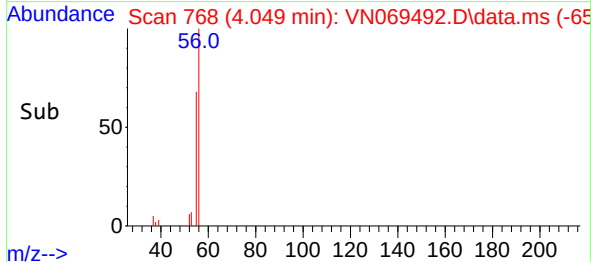
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



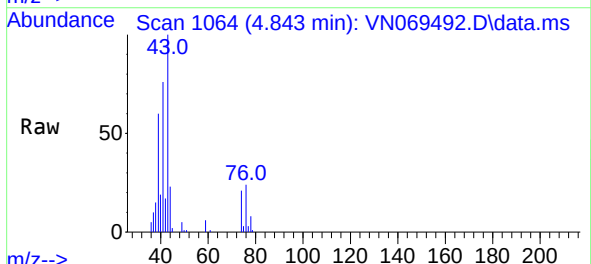
Tgt Ion: 56 Resp: 717
Ion Ratio Lower Upper
56 100
55 37.5 56.6 85.0

Manual Integrations
APPROVED

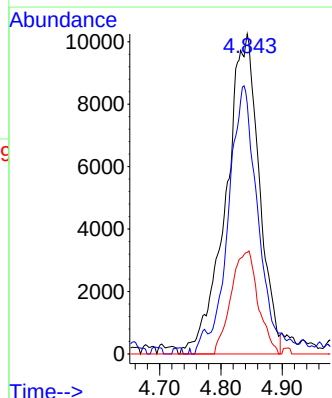
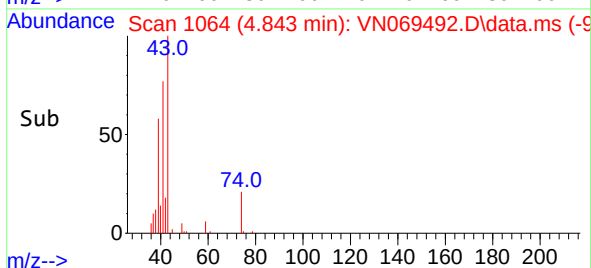
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021

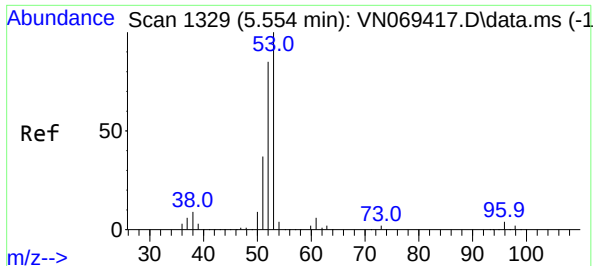


#14
Allyl chloride
Concen: 2.094 ug/l
RT: 4.843 min Scan# 1064
Delta R.T. 0.005 min
Lab File: VN069492.D
Acq: 15 Nov 2021 15:41



Tgt Ion: 41 Resp: 38696
Ion Ratio Lower Upper
41 100
39 67.3 61.2 91.8
76 26.1 26.0 39.0





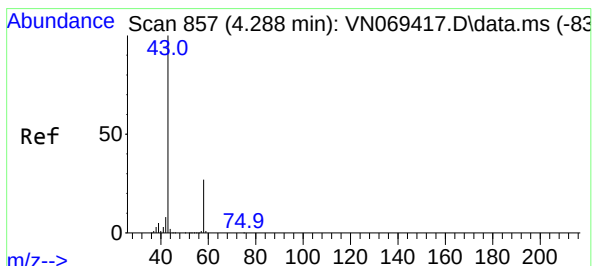
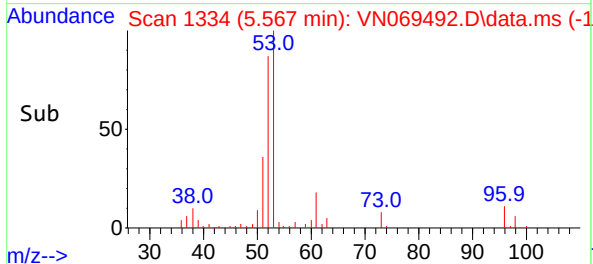
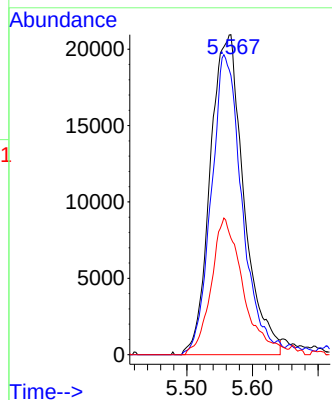
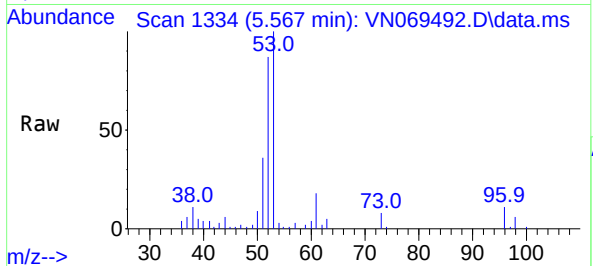
#15
Acrylonitrile
Concen: 10.760 ug/l
RT: 5.567 min Scan# 11
Delta R.T. 0.013 min
Lab File: VN069492.D
Acq: 15 Nov 2021 15:41

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

Tgt Ion: 53 Resp: 74240
Ion Ratio Lower Upper
53 100
52 85.4 66.2 99.2
51 40.8 29.6 44.4

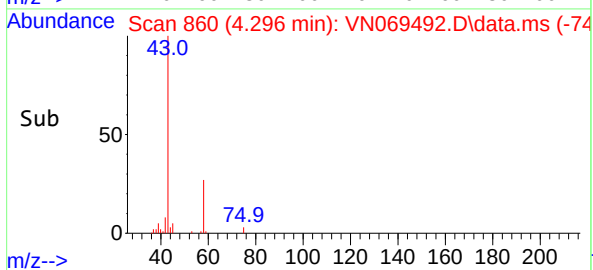
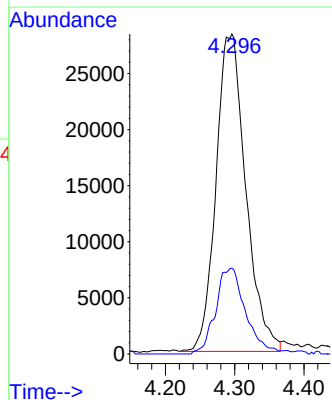
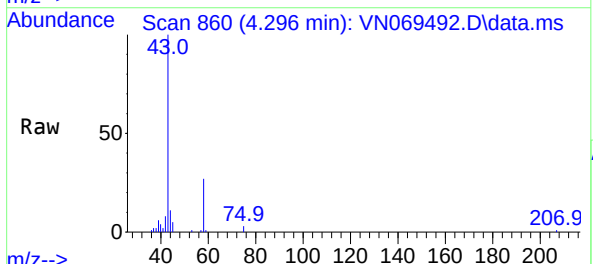
Manual Integrations
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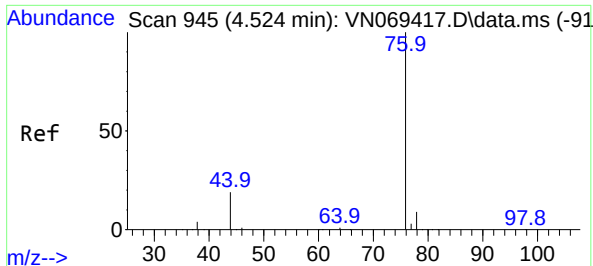
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021



#16
Acetone
Concen: 10.481 ug/l
RT: 4.296 min Scan# 860
Delta R.T. 0.008 min
Lab File: VN069492.D
Acq: 15 Nov 2021 15:41

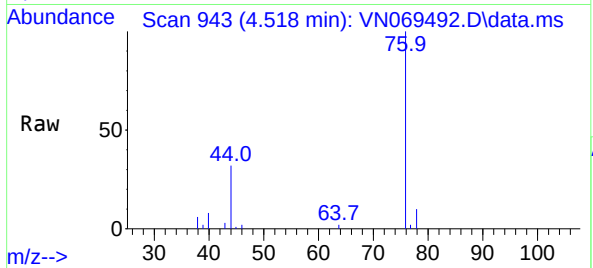
Tgt Ion: 43 Resp: 84550
Ion Ratio Lower Upper
43 100
58 27.0 23.1 34.7





#17
Carbon Disulfide
Concen: 1.934 ug/l
RT: 4.518 min Scan# 945
Delta R.T. -0.006 min
Lab File: VN069492.D
Acq: 15 Nov 2021 15:41

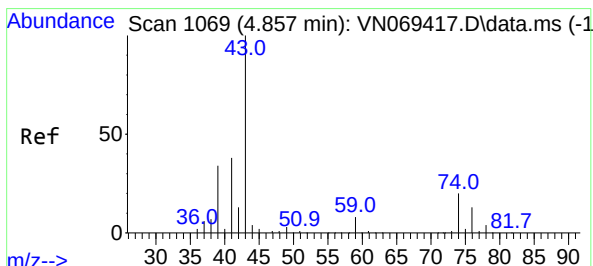
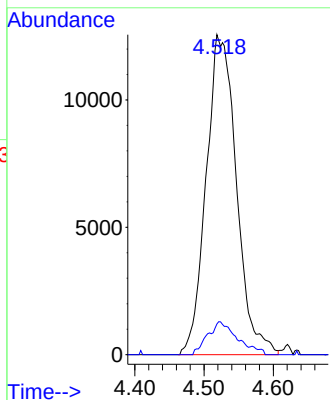
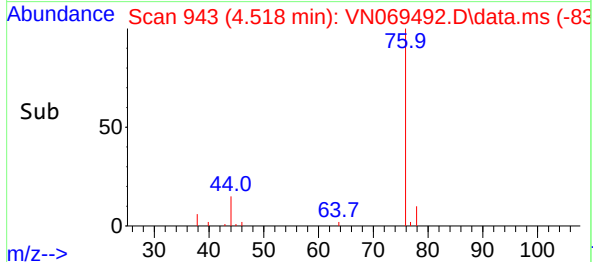
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT4-2021



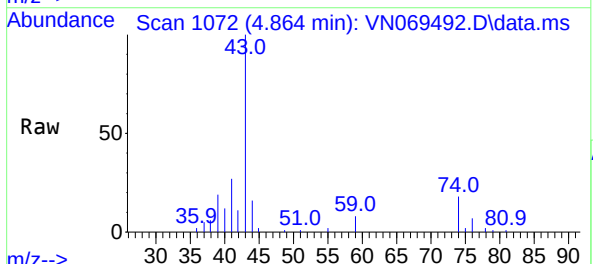
Tgt Ion: 76 Resp: 38218
Ion Ratio Lower Upper
76 100
78 9.6 7.5 11.3

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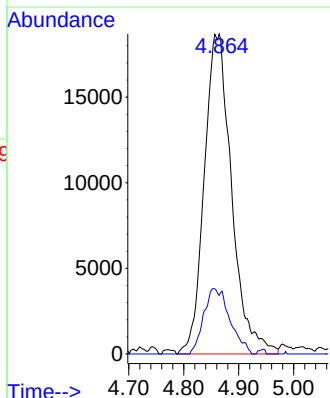
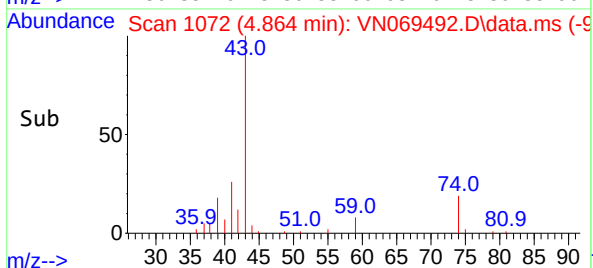
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021

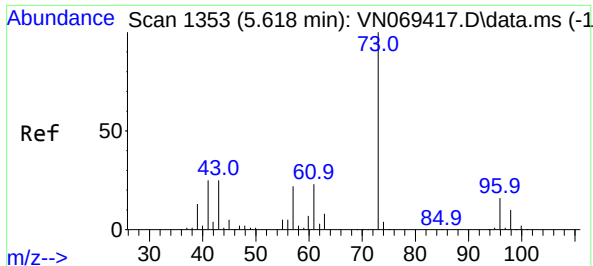


#18
Methyl Acetate
Concen: 2.469 ug/l
RT: 4.864 min Scan# 1072
Delta R.T. 0.007 min
Lab File: VN069492.D
Acq: 15 Nov 2021 15:41



Tgt Ion: 43 Resp: 64735
Ion Ratio Lower Upper
43 100
74 11.3 19.4 29.2#





#19

Methyl tert-butyl Ether

Concen: 2.111 ug/l

RT: 5.615 min Scan# 1158

Delta R.T. -0.003 min

Lab File: VN069492.D

Acq: 15 Nov 2021 15:41

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2021

Tgt Ion: 73 Resp: 74658

Ion Ratio Lower Upper

73 100

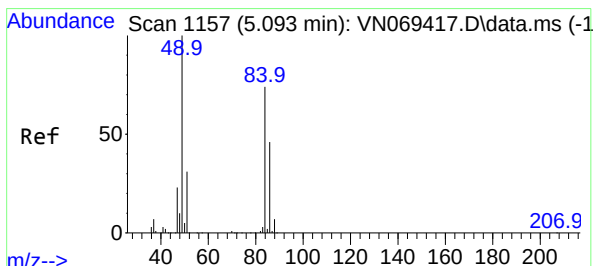
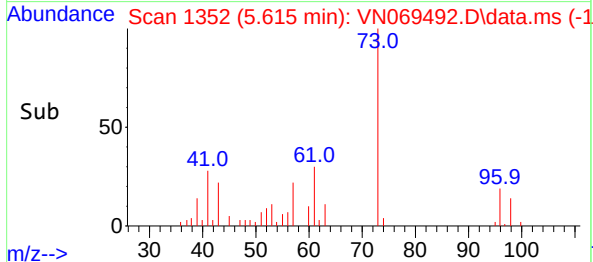
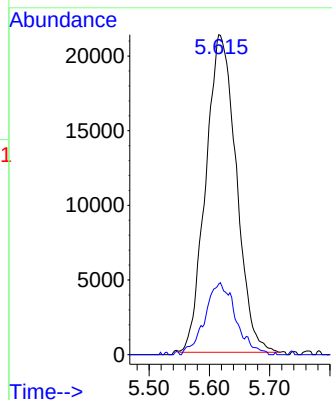
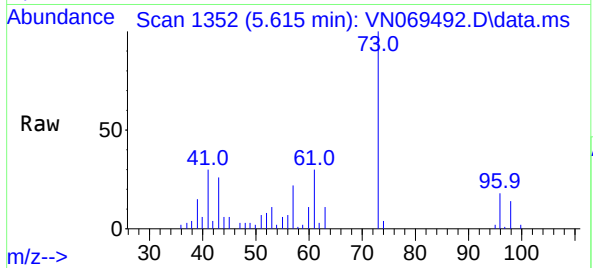
57 22.3 16.8 25.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/16/2021

Supervised By :Mahesh Dadoda 11/18/2021



#20

Methylene Chloride

Concen: 2.409 ug/l

RT: 5.095 min Scan# 1158

Delta R.T. 0.002 min

Lab File: VN069492.D

Acq: 15 Nov 2021 15:41

Tgt Ion: 84 Resp: 27562

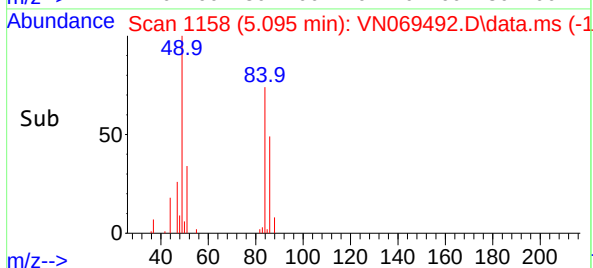
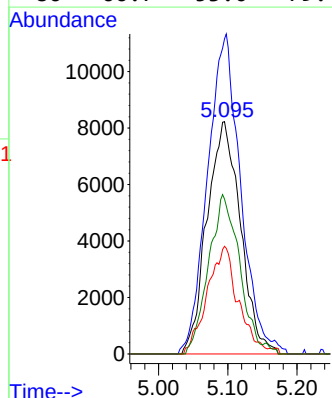
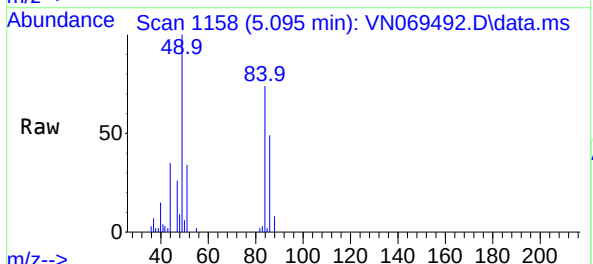
Ion Ratio Lower Upper

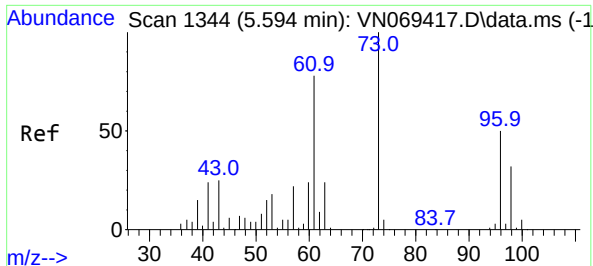
84 100

49 133.6 93.5 140.3

51 46.4 29.4 44.2#

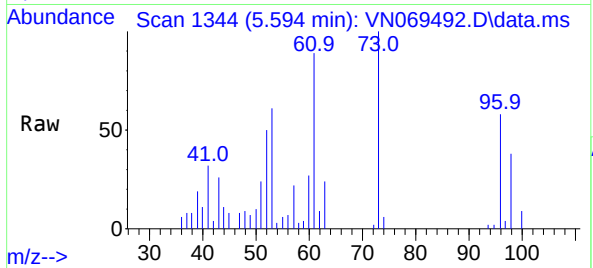
86 66.7 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 2.106 ug/l
RT: 5.594 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN069492.D
Acq: 15 Nov 2021 15:41

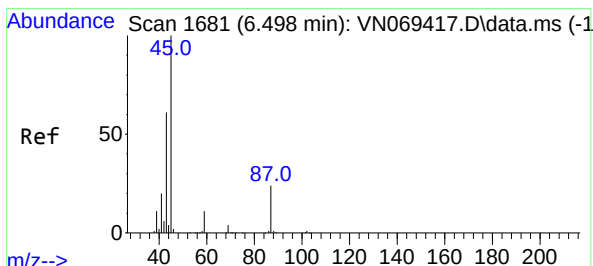
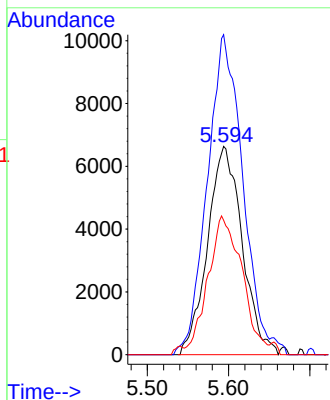
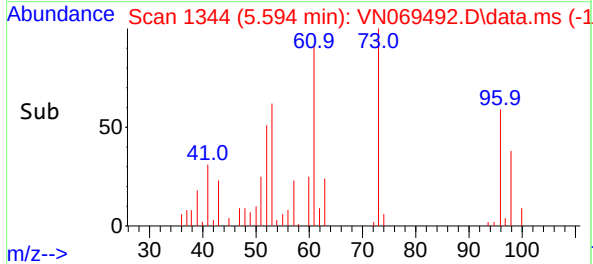
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



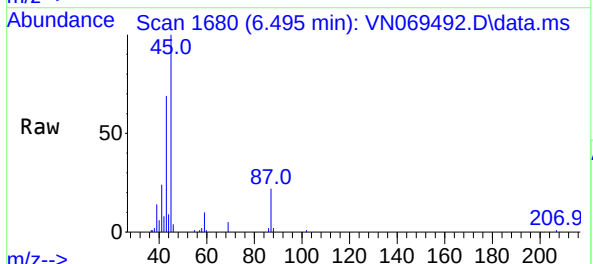
Tgt Ion: 96 Resp: 19662
Ion Ratio Lower Upper
96 100
61 150.2 105.8 158.6
98 61.5 52.0 78.0

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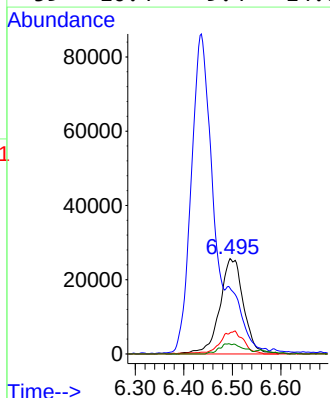
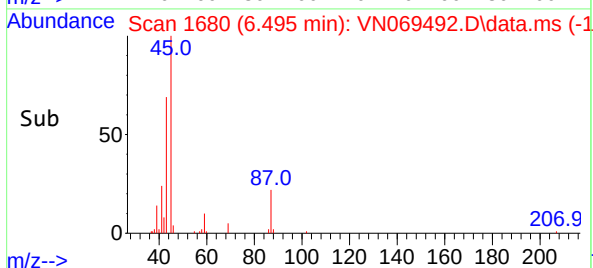
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021

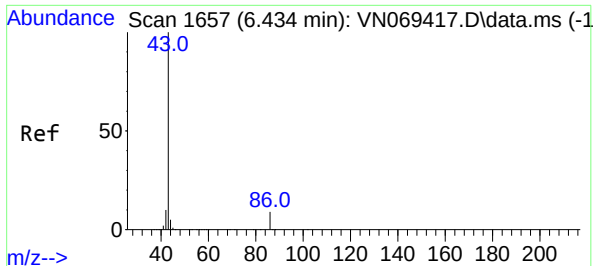


#22
Diisopropyl ether
Concen: 2.183 ug/l
RT: 6.495 min Scan# 1680
Delta R.T. -0.003 min
Lab File: VN069492.D
Acq: 15 Nov 2021 15:41



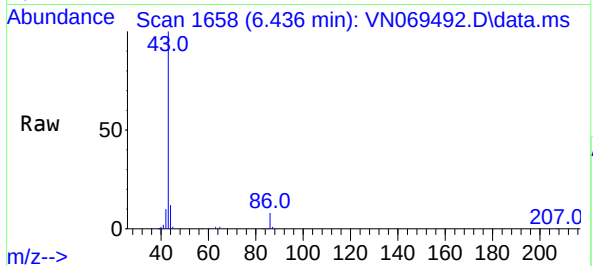
Tgt Ion: 45 Resp: 86898
Ion Ratio Lower Upper
45 100
43 65.6 51.7 77.5
87 22.1 23.2 34.8#
59 10.4 9.4 14.0





#23
 Vinyl Acetate
 Concen: 8.360 ug/l
 RT: 6.436 min Scan# 1657
 Delta R.T. 0.002 min
 Lab File: VN069492.D
 Acq: 15 Nov 2021 15:41

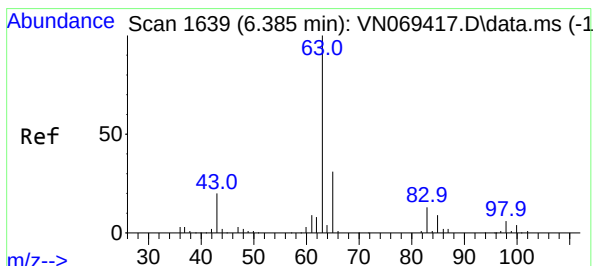
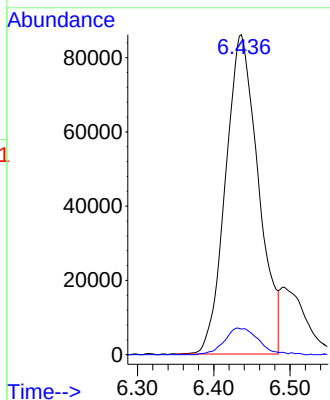
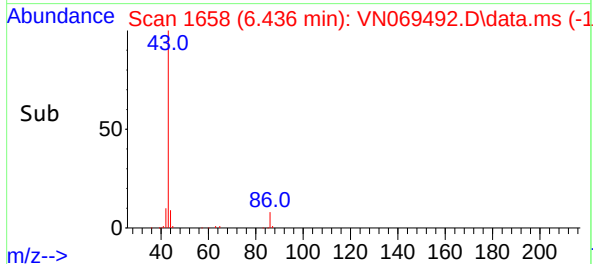
Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2021



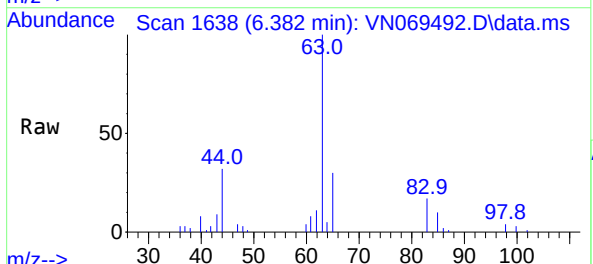
Tgt Ion: 43 Resp: 25736
 Ion Ratio Lower Upper
 43 100
 86 8.0 8.5 12.7

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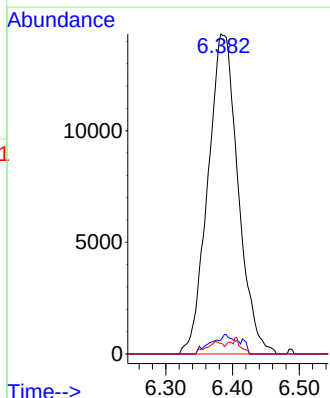
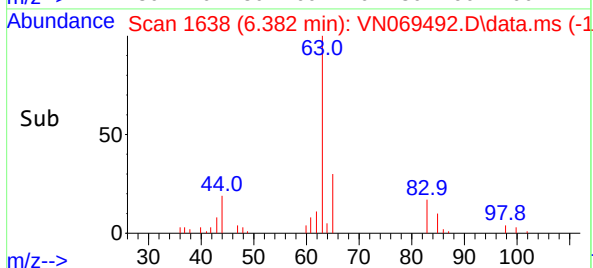
Reviewed By :John Carlone 11/16/2021
 Supervised By :Mahesh Dadoda 11/18/2021

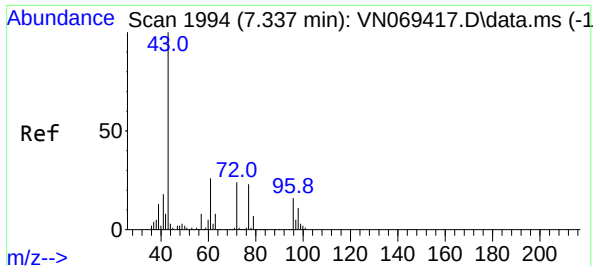


#24
 1,1-Dichloroethane
 Concen: 2.223 ug/l
 RT: 6.382 min Scan# 1638
 Delta R.T. -0.003 min
 Lab File: VN069492.D
 Acq: 15 Nov 2021 15:41



Tgt Ion: 63 Resp: 45066
 Ion Ratio Lower Upper
 63 100
 98 4.3 3.3 9.9
 100 3.4 2.1 6.5





#25

2-Butanone

Concen: 10.485 ug/l

RT: 7.343 min Scan# 1996

Delta R.T. 0.006 min

Lab File: VN069492.D

Acq: 15 Nov 2021 15:41

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2021

Tgt Ion: 43 Resp: 11453

Ion Ratio Lower Upper

43 100

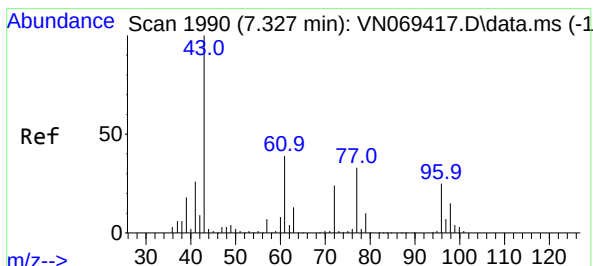
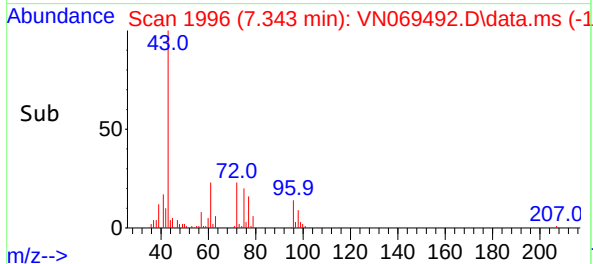
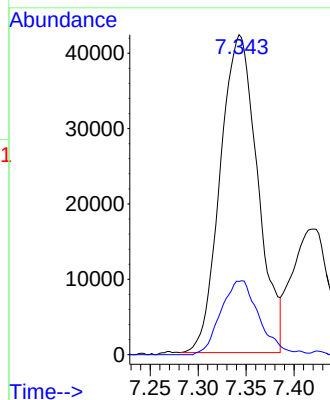
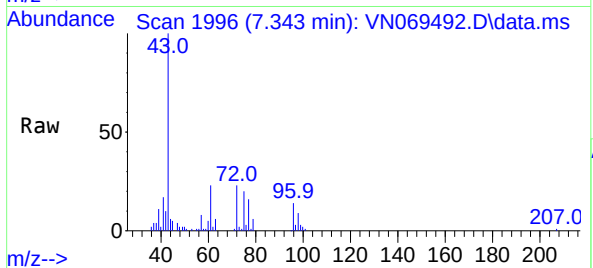
72 23.1 21.7 32.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/16/2021

Supervised By :Mahesh Dadoda 11/18/2021



#26

2,2-Dichloropropane

Concen: 1.970 ug/l

RT: 7.327 min Scan# 1990

Delta R.T. -0.000 min

Lab File: VN069492.D

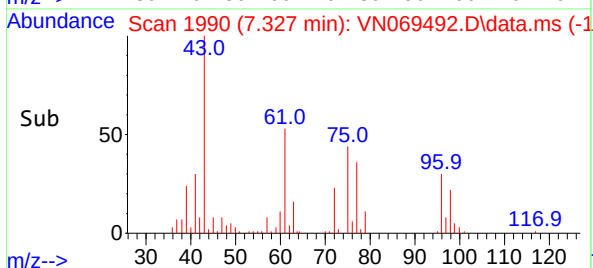
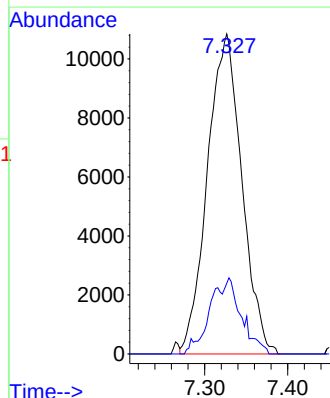
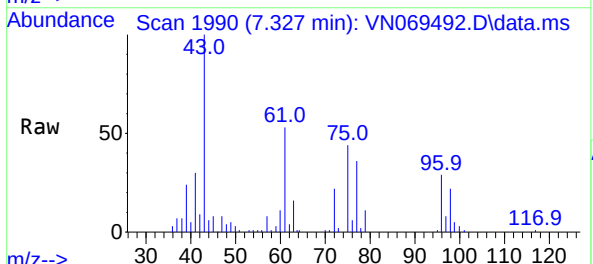
Acq: 15 Nov 2021 15:41

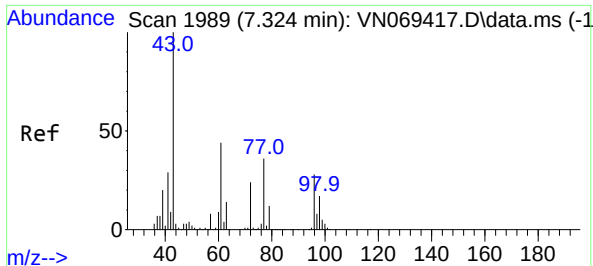
Tgt Ion: 77 Resp: 31250

Ion Ratio Lower Upper

77 100

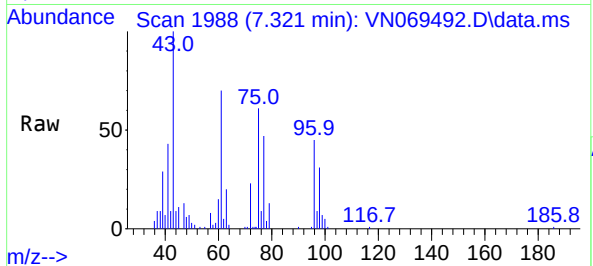
97 9.7 11.6 34.8#





#27
cis-1,2-Dichloroethene
Concen: 2.296 ug/l m
RT: 7.321 min Scan# 1989
Delta R.T. -0.003 min
Lab File: VN069492.D
Acq: 15 Nov 2021 15:41

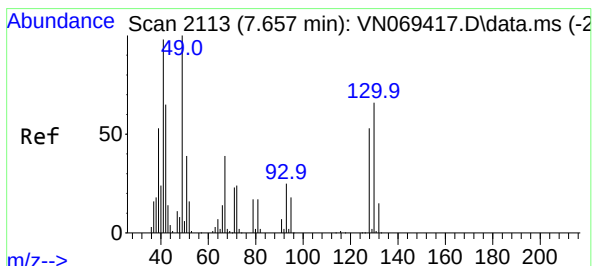
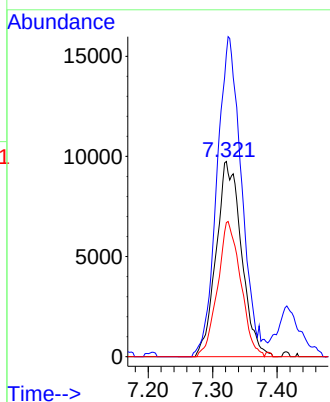
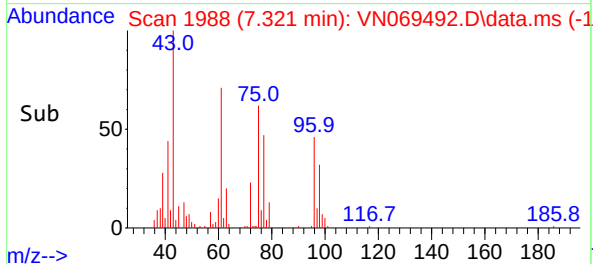
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



Tgt Ion: 96 Resp: 2656
Ion Ratio Lower Upper
96 100
61 160.7 0.0 275.0
98 63.2 0.0 129.6

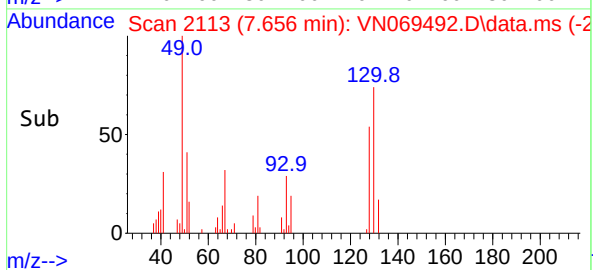
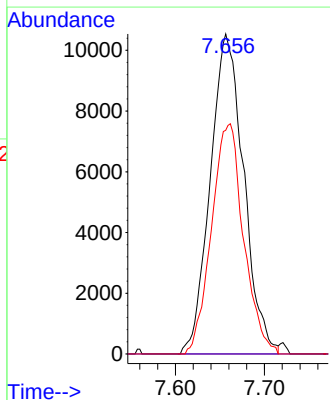
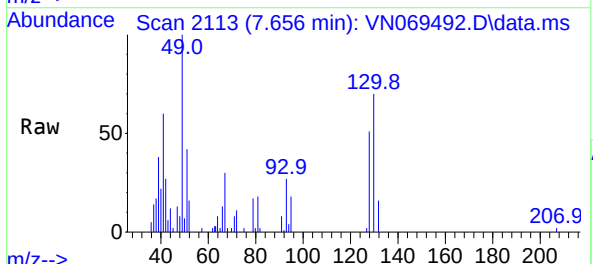
Manual Integrations
APPROVED

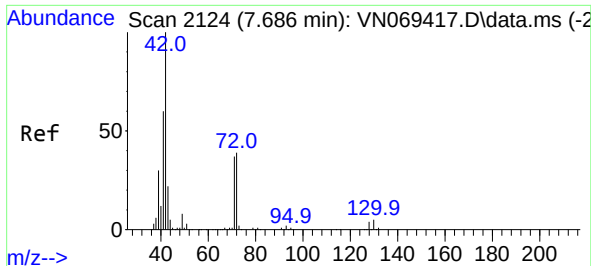
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021



#28
Bromochloromethane
Concen: 2.649 ug/l
RT: 7.656 min Scan# 2113
Delta R.T. -0.001 min
Lab File: VN069492.D
Acq: 15 Nov 2021 15:41

Tgt Ion: 49 Resp: 27507
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.0
130 69.0 67.8 101.8





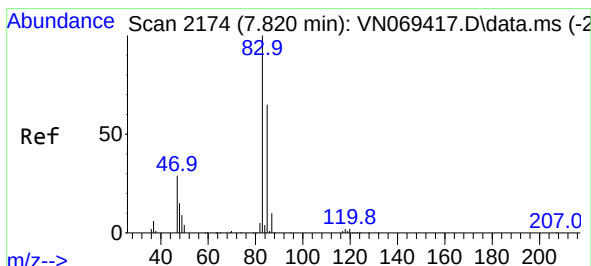
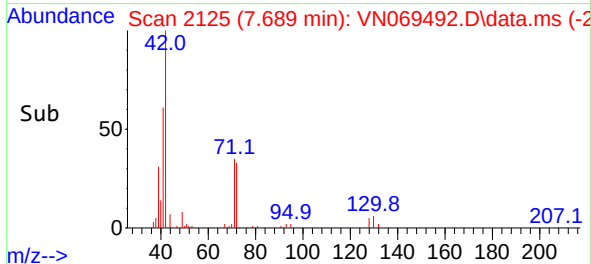
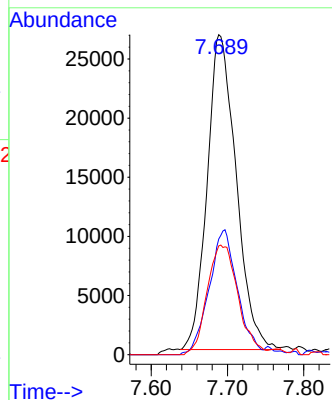
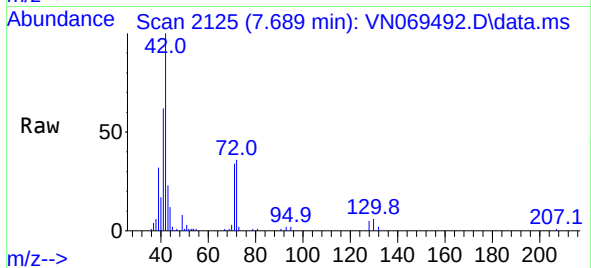
#29
Tetrahydrofuran
Concen: 10.504 ug/l
RT: 7.689 min Scan# 2125
Delta R.T. 0.003 min
Lab File: VN069492.D
Acq: 15 Nov 2021 15:41

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

Tgt Ion: 42 Resp: 70415
Ion Ratio Lower Upper
42 100
72 38.7 36.3 54.5
71 37.1 34.7 52.1

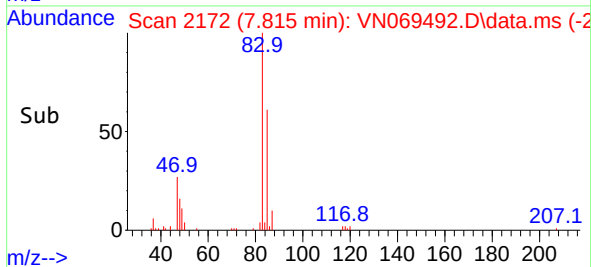
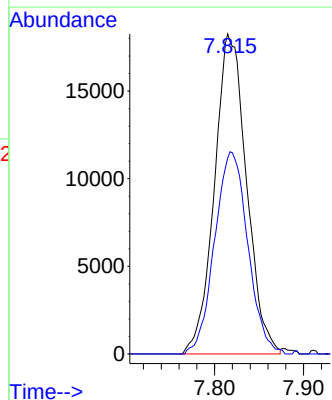
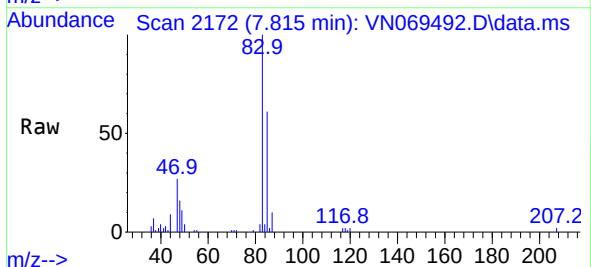
Manual Integrations
APPROVED

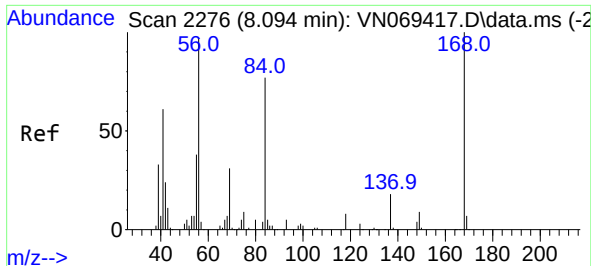
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021



#30
Chloroform
Concen: 2.200 ug/l
RT: 7.815 min Scan# 2172
Delta R.T. -0.005 min
Lab File: VN069492.D
Acq: 15 Nov 2021 15:41

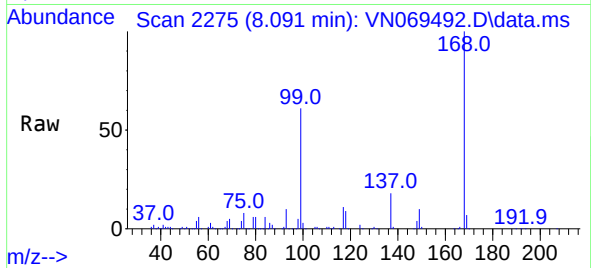
Tgt Ion: 83 Resp: 45724
Ion Ratio Lower Upper
83 100
85 61.3 51.9 77.9





#31
Cyclohexane
Concen: 3.369 ug/l
RT: 8.091 min Scan# 2275
Delta R.T. -0.003 min
Lab File: VN069492.D
Acq: 15 Nov 2021 15:41

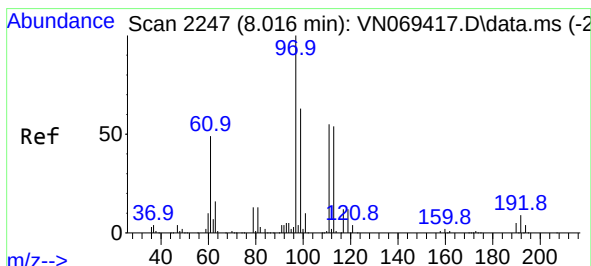
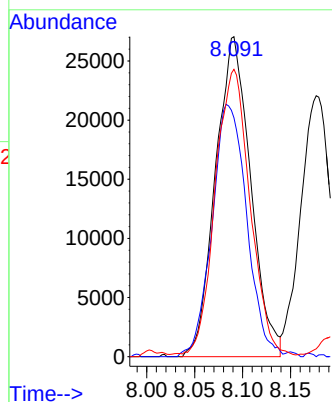
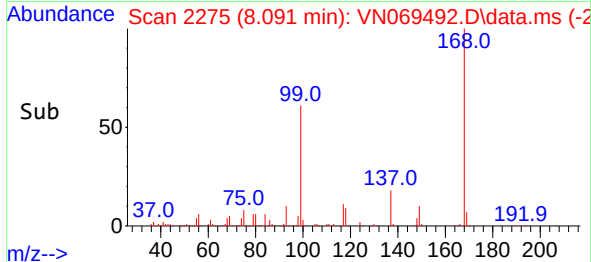
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT4-2021



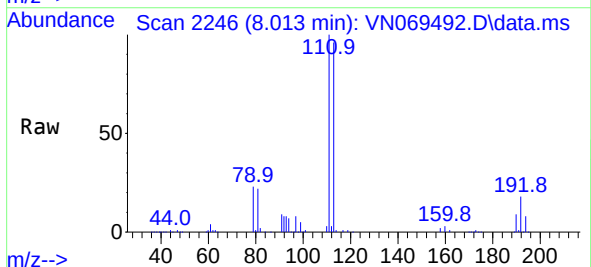
Tgt Ion: 56 Resp: 68819
Ion Ratio Lower Upper
56 100
69 73.7 27.1 40.7
84 88.8 73.4 110.0

Manual Integrations
APPROVED

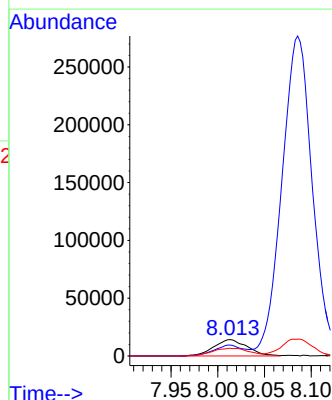
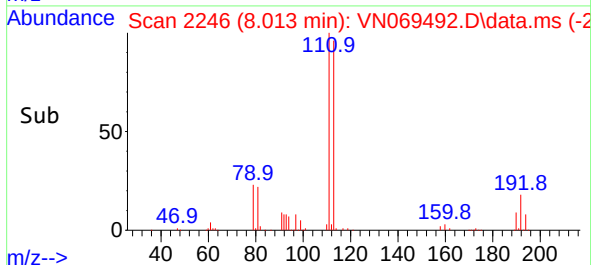
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021

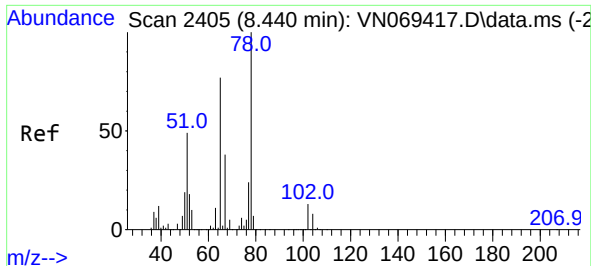


#32
1,1,1-Trichloroethane
Concen: 2.041 ug/l
RT: 8.013 min Scan# 2246
Delta R.T. -0.003 min
Lab File: VN069492.D
Acq: 15 Nov 2021 15:41



Tgt Ion: 97 Resp: 35409
Ion Ratio Lower Upper
97 100
99 58.6 50.1 75.1
61 51.1 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 52.110 ug/l

RT: 8.437 min Scan# 2405

Delta R.T. -0.003 min

Lab File: VN069492.D

Acq: 15 Nov 2021 15:41

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2021

Tgt Ion: 65 Resp: 779128

Ion Ratio Lower Upper

65 100

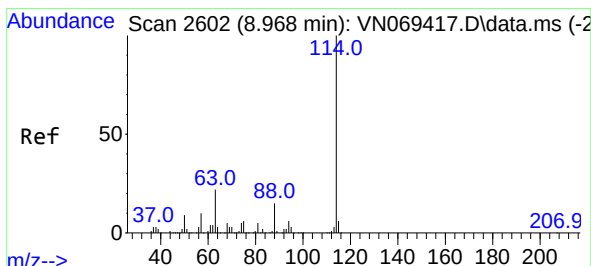
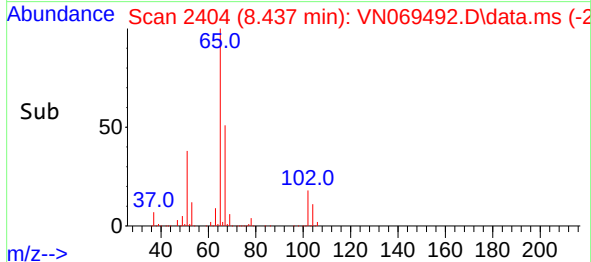
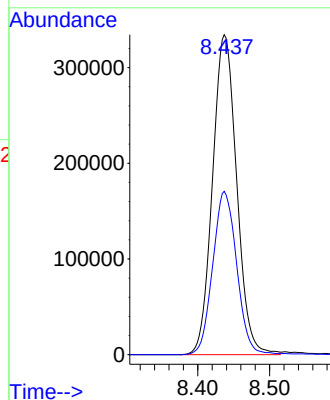
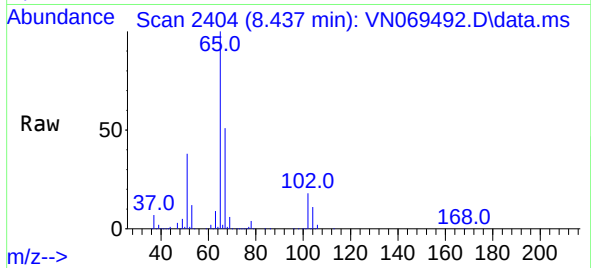
67 50.6 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/16/2021

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: VN069492.D

Acq: 15 Nov 2021 15:41

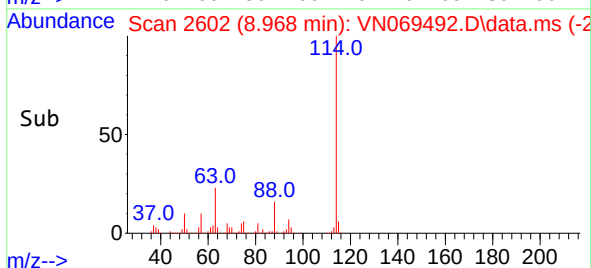
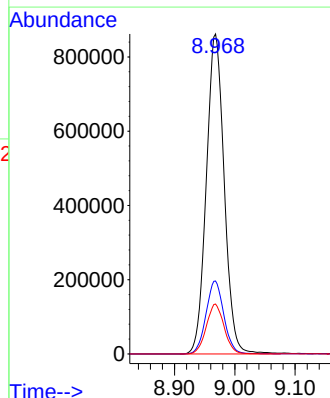
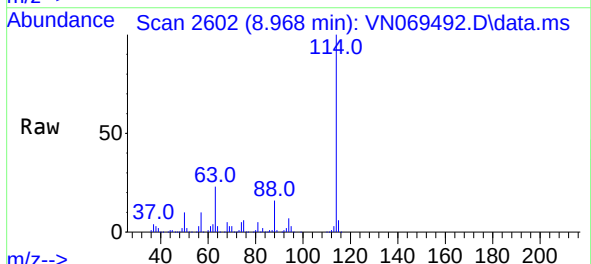
Tgt Ion:114 Resp: 1777996

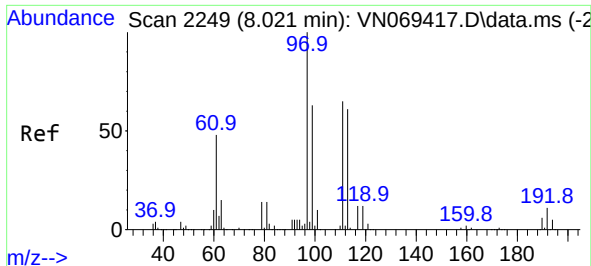
Ion Ratio Lower Upper

114 100

63 22.8 0.0 37.8

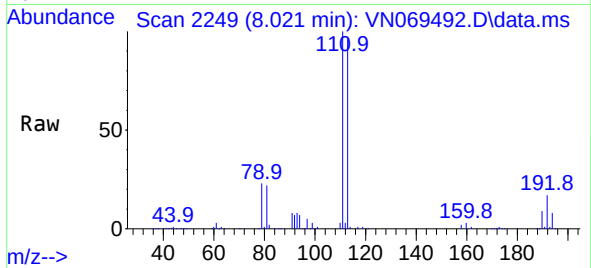
88 15.6 0.0 27.4





#35
Dibromofluoromethane
Concen: 48.283 ug/l
RT: 8.021 min Scan# 2113
Delta R.T. 0.000 min
Lab File: VN069492.D
Acq: 15 Nov 2021 15:41

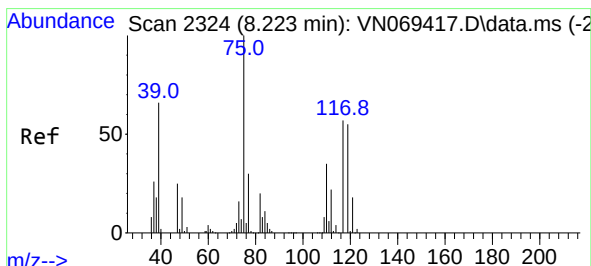
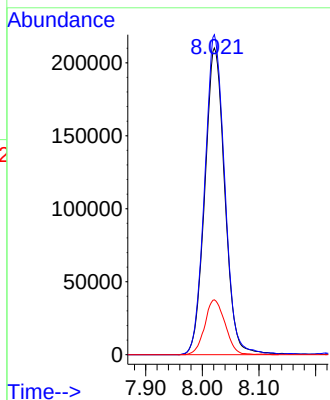
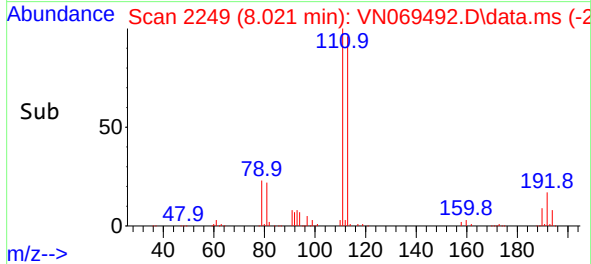
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



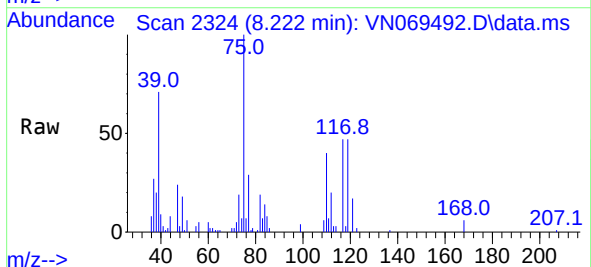
Tgt Ion: 113 Resp: 51487
Ion Ratio Lower Upper
113 100
111 104.2 82.2 123.2
192 18.2 16.9 25.3

Manual Integrations
APPROVED

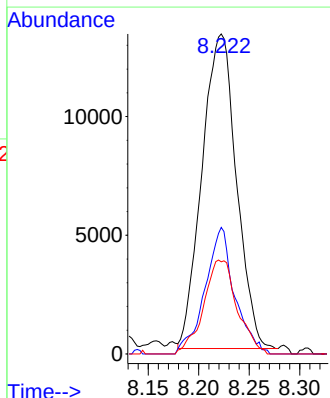
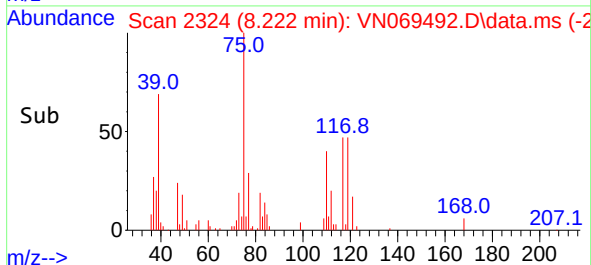
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021

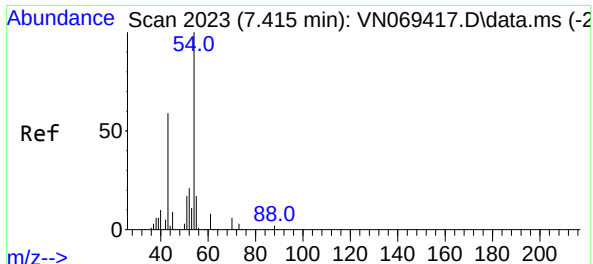


#36
1,1-Dichloropropene
Concen: 2.104 ug/l
RT: 8.222 min Scan# 2324
Delta R.T. -0.001 min
Lab File: VN069492.D
Acq: 15 Nov 2021 15:41



Tgt Ion: 75 Resp: 31477
Ion Ratio Lower Upper
75 100
110 34.4 18.4 55.2
77 28.9 24.4 36.6





#37

Ethyl Acetate

Concen: 2.035 ug/l

RT: 7.420 min Scan# 2023

Delta R.T. 0.005 min

Lab File: VN069492.D

Acq: 15 Nov 2021 15:41

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2021

Tgt Ion: 43 Resp: 4115

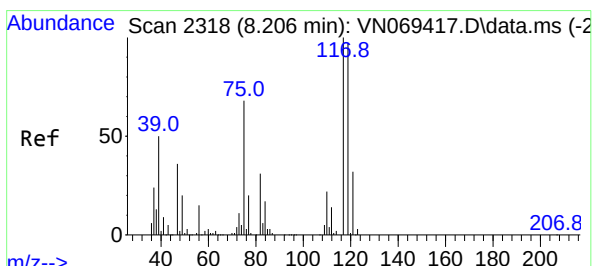
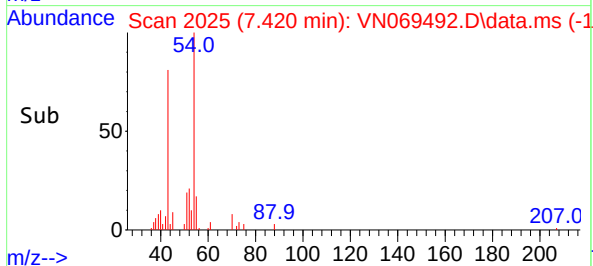
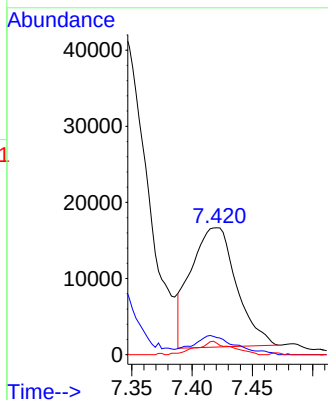
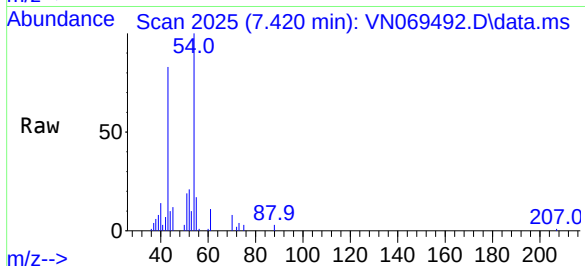
Ion	Ratio	Lower	Upper
43	100		
61	15.1	11.5	17.3
70	8.5	7.9	11.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/16/2021

Supervised By :Mahesh Dadoda 11/18/2021



#38

Carbon Tetrachloride

Concen: 1.974 ug/l

RT: 8.206 min Scan# 2318

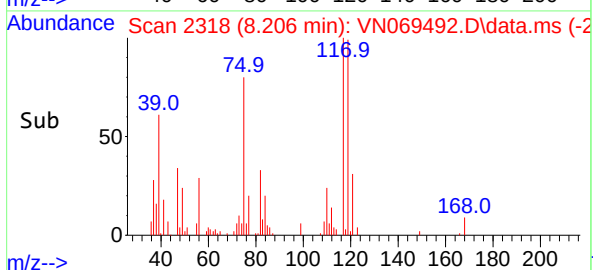
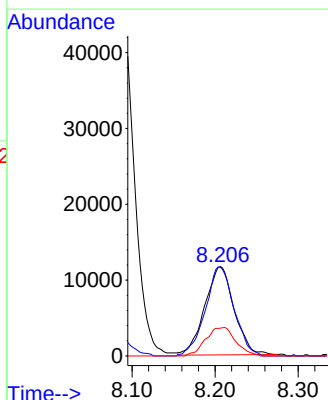
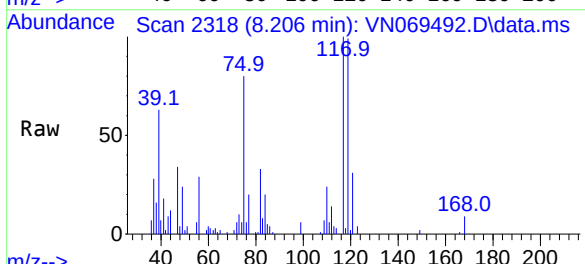
Delta R.T. 0.000 min

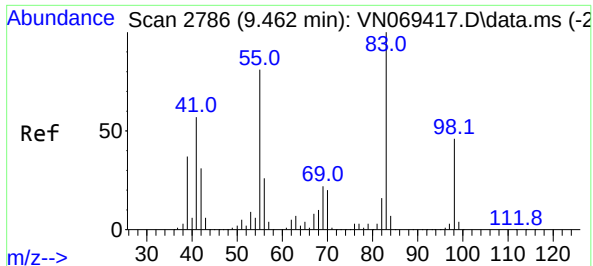
Lab File: VN069492.D

Acq: 15 Nov 2021 15:41

Tgt Ion: 117 Resp: 28510

Ion	Ratio	Lower	Upper
117	100		
119	101.0	76.1	114.1
121	31.7	24.2	36.2





#39

Methylcyclohexane

Concen: 2.033 ug/l

RT: 9.459 min Scan# 21

Delta R.T. -0.003 min

Lab File: VN069492.D

Acq: 15 Nov 2021 15:41

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2021

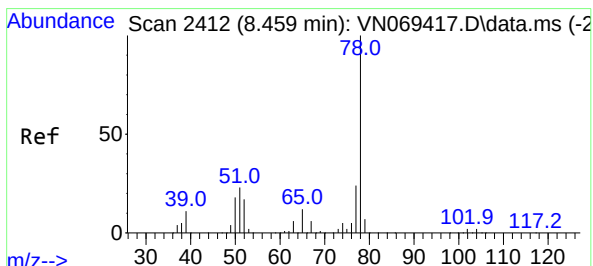
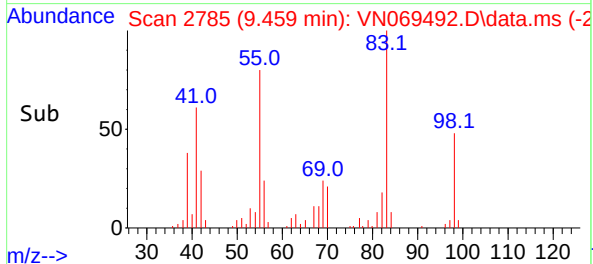
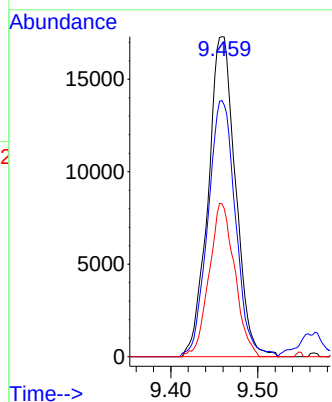
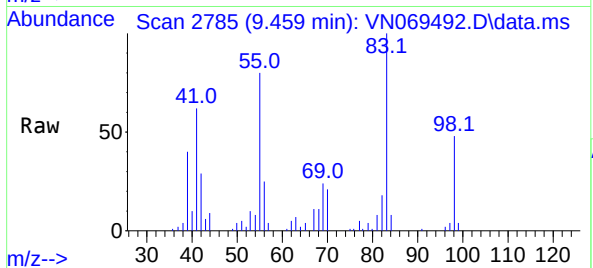
Tgt Ion: 83	Resp: 3783
Ion Ratio	Lower Upper
83	100
55	80.1 58.1 87.1
98	47.7 38.4 57.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/16/2021

Supervised By :Mahesh Dadoda 11/18/2021



#40

Benzene

Concen: 2.159 ug/l

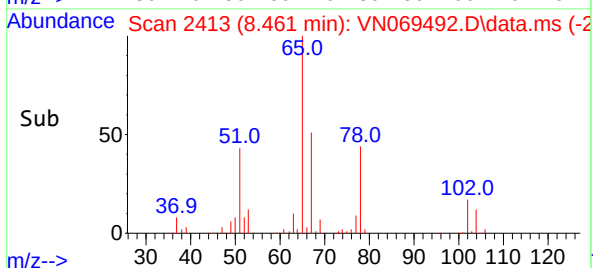
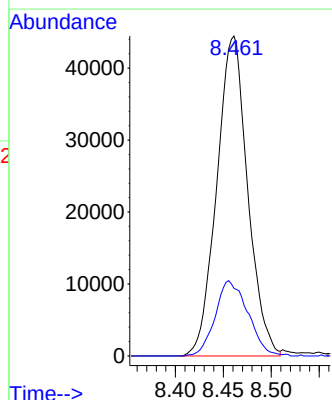
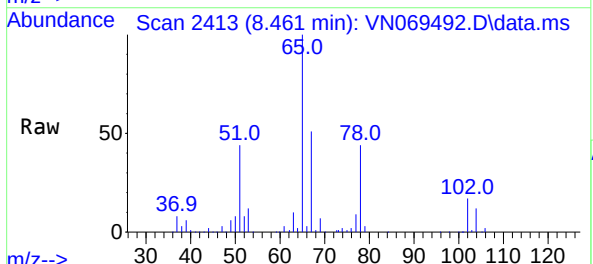
RT: 8.461 min Scan# 2413

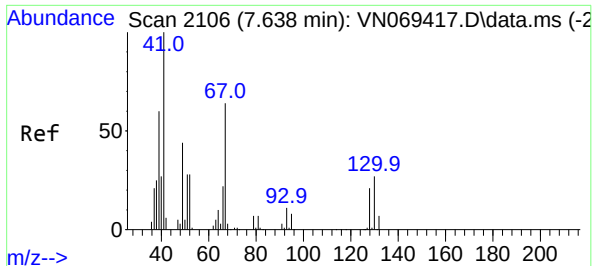
Delta R.T. 0.002 min

Lab File: VN069492.D

Acq: 15 Nov 2021 15:41

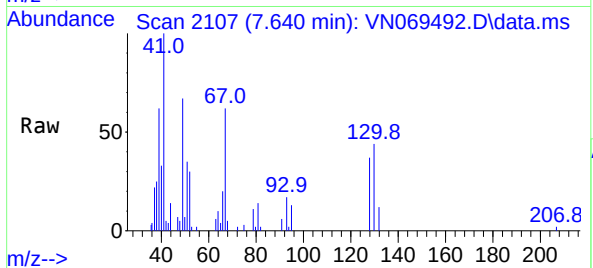
Tgt Ion: 78	Resp: 99684
Ion Ratio	Lower Upper
78	100
77	21.1 18.6 27.8





#41
Methacrylonitrile
Concen: 2.108 ug/l
RT: 7.640 min Scan# 2106
Delta R.T. 0.002 min
Lab File: VN069492.D
Acq: 15 Nov 2021 15:41

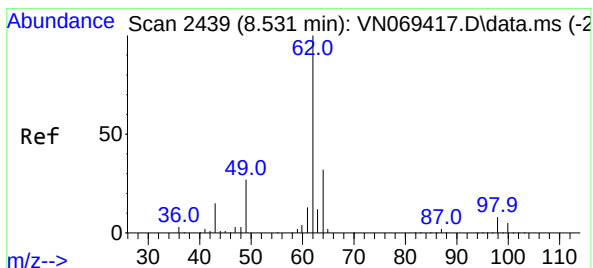
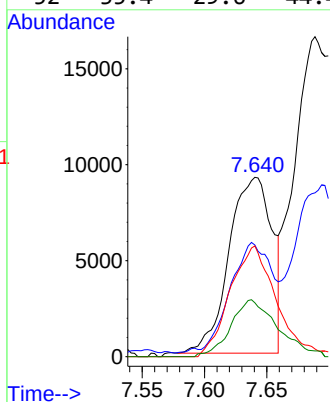
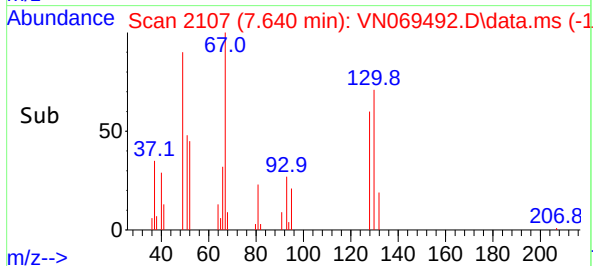
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



Tgt Ion: 41 Resp: 22024
Ion Ratio Lower Upper
41 100
39 57.7 48.1 72.1
67 67.9 68.3 102.5
52 35.4 29.6 44.4

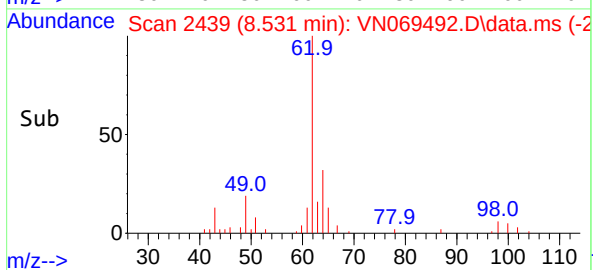
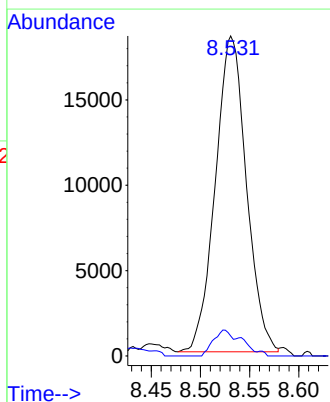
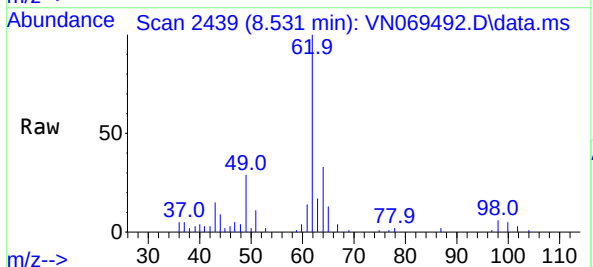
Manual Integrations
APPROVED

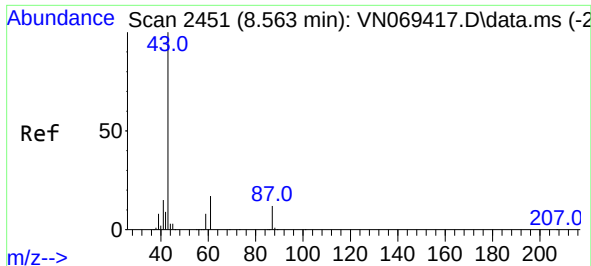
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021



#42
1,2-Dichloroethane
Concen: 2.248 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. -0.000 min
Lab File: VN069492.D
Acq: 15 Nov 2021 15:41

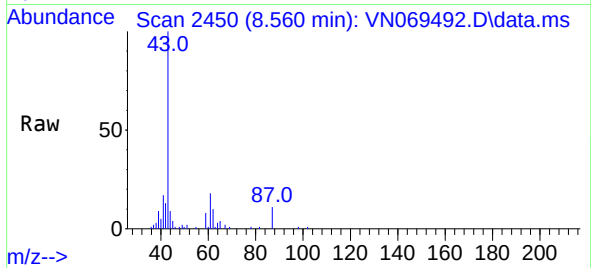
Tgt Ion: 62 Resp: 40651
Ion Ratio Lower Upper
62 100
98 5.2 0.0 17.6





#43
Isopropyl Acetate
Concen: 2.053 ug/l
RT: 8.560 min Scan# 2451
Delta R.T. -0.003 min
Lab File: VN069492.D
Acq: 15 Nov 2021 15:41

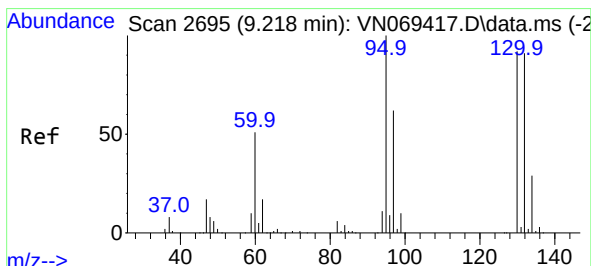
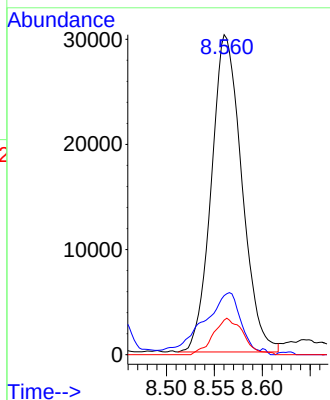
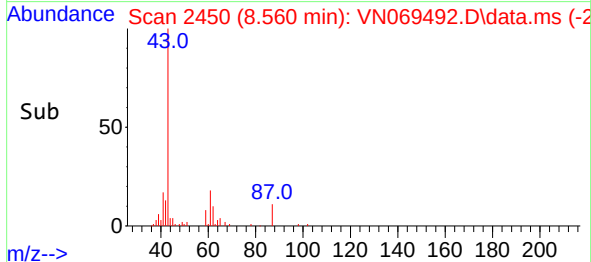
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT4-2021



Tgt Ion: 43 Resp: 66702
Ion Ratio Lower Upper
43 100
61 21.6 20.4 30.6
87 11.3 11.2 16.8

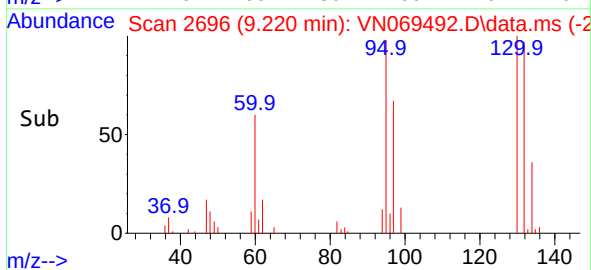
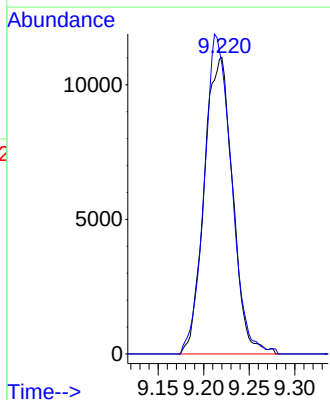
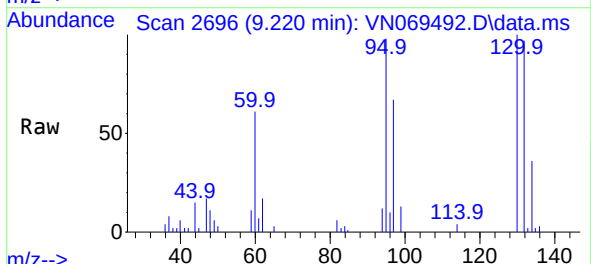
Manual Integrations
APPROVED

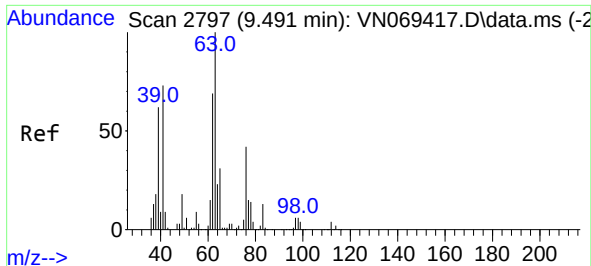
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021



#44
Trichloroethene
Concen: 2.166 ug/l
RT: 9.220 min Scan# 2696
Delta R.T. 0.002 min
Lab File: VN069492.D
Acq: 15 Nov 2021 15:41

Tgt Ion:130 Resp: 23935
Ion Ratio Lower Upper
130 100
95 97.9 0.0 191.2





#45

1,2-Dichloropropane

Concen: 2.236 ug/l

RT: 9.488 min Scan# 21

Delta R.T. -0.003 min

Lab File: VN069492.D

Acq: 15 Nov 2021 15:41

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT4-2021

Tgt Ion: 63 Resp: 2758

Ion Ratio Lower Upper

63 100

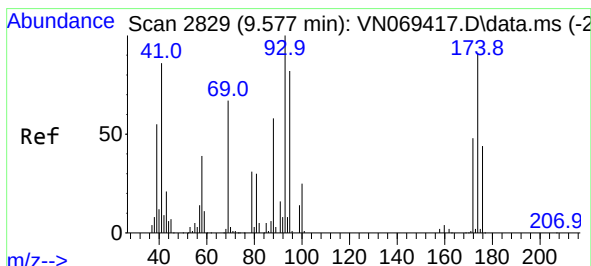
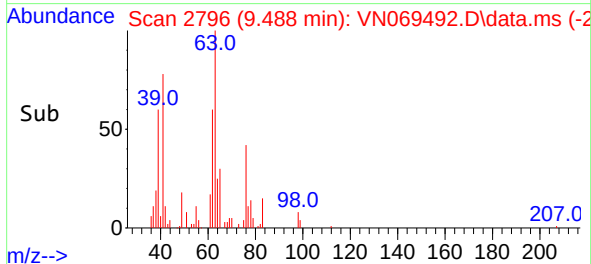
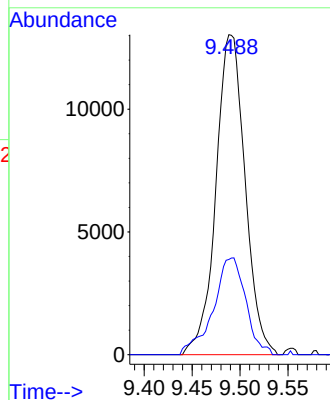
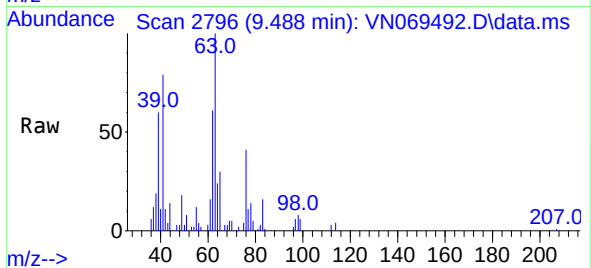
65 29.8 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/16/2021

Supervised By :Mahesh Dadoda 11/18/2021



#46

Dibromomethane

Concen: 2.124 ug/l

RT: 9.574 min Scan# 2828

Delta R.T. -0.003 min

Lab File: VN069492.D

Acq: 15 Nov 2021 15:41

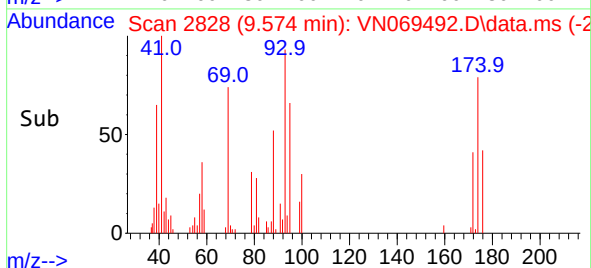
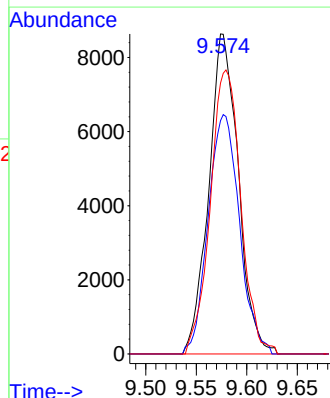
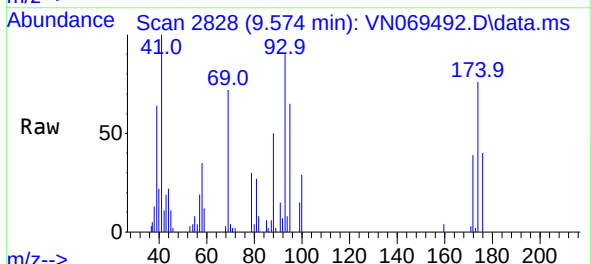
Tgt Ion: 93 Resp: 17556

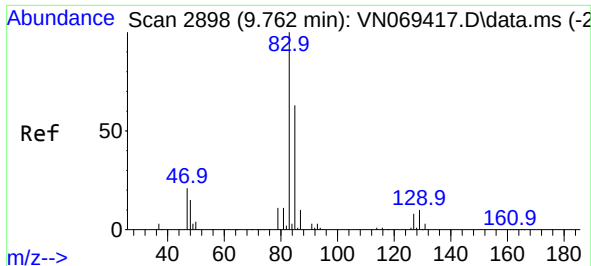
Ion Ratio Lower Upper

93 100

95 79.5 65.9 98.9

174 91.7 84.6 127.0





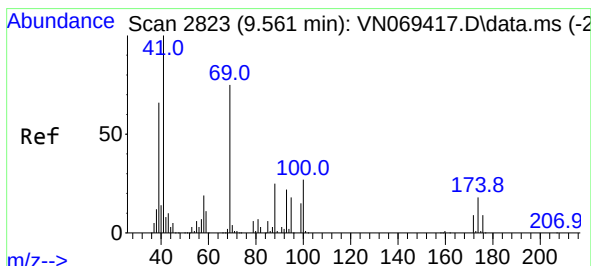
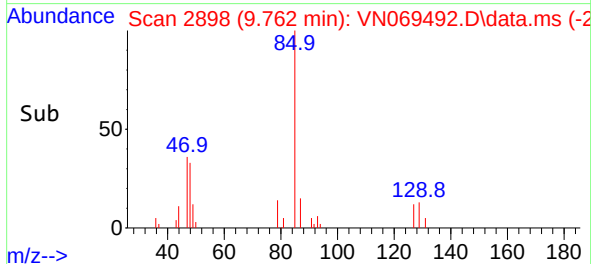
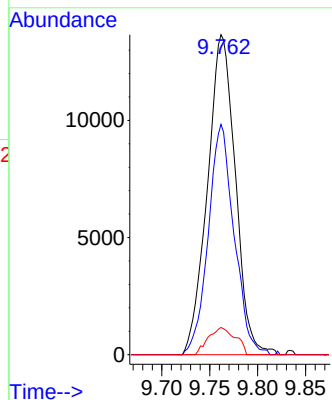
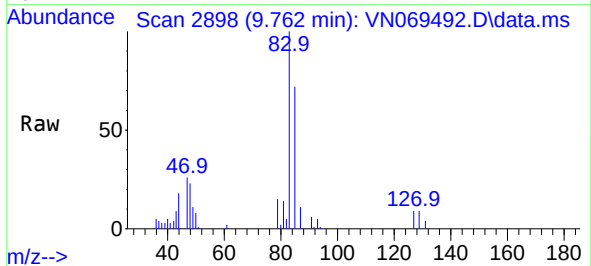
#47
Bromodichloromethane
Concen: 1.793 ug/l
RT: 9.762 min Scan# 2898
Delta R.T. -0.000 min
Lab File: VN069492.D
Acq: 15 Nov 2021 15:41

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

Tgt Ion: 83 Resp: 2764
Ion Ratio Lower Upper
83 100
85 71.9 50.9 76.3
127 8.5 7.1 10.7

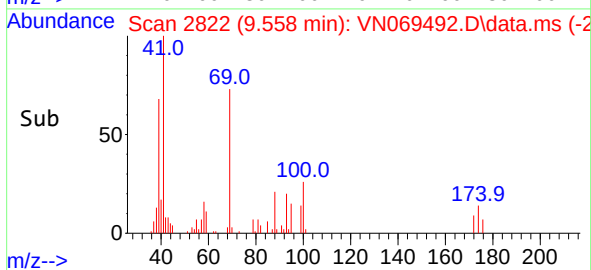
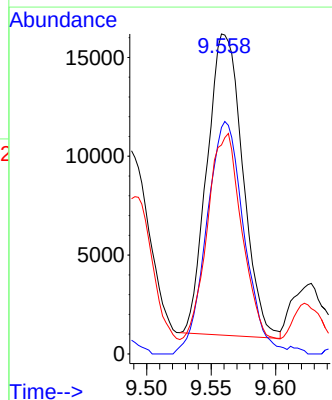
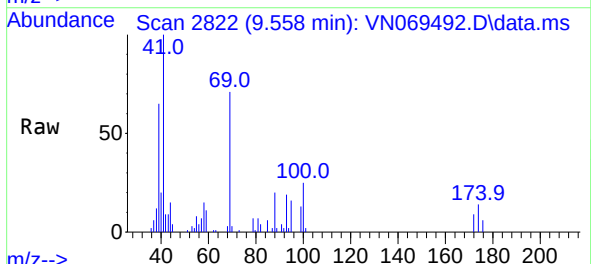
Manual Integrations
APPROVED

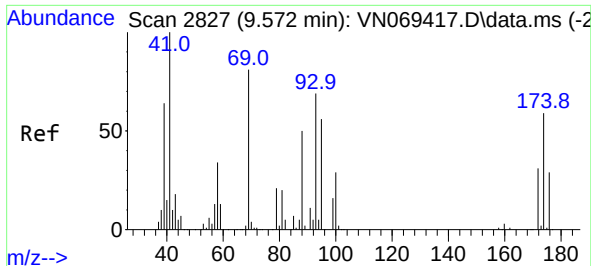
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021



#48
Methyl methacrylate
Concen: 1.916 ug/l
RT: 9.558 min Scan# 2822
Delta R.T. -0.003 min
Lab File: VN069492.D
Acq: 15 Nov 2021 15:41

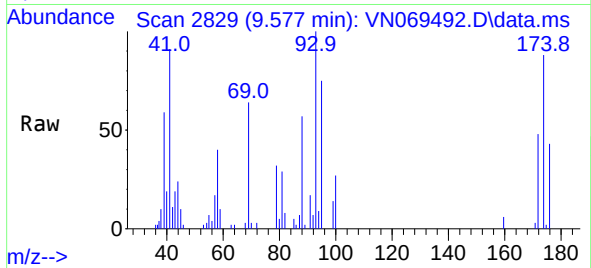
Tgt Ion: 41 Resp: 29279
Ion Ratio Lower Upper
41 100
69 80.7 72.4 108.6
39 67.1 58.4 87.6





#49
1,4-Dioxane
Concen: 39.259 ug/l
RT: 9.577 min Scan# 2827
Delta R.T. 0.005 min
Lab File: VN069492.D
Acq: 15 Nov 2021 15:41

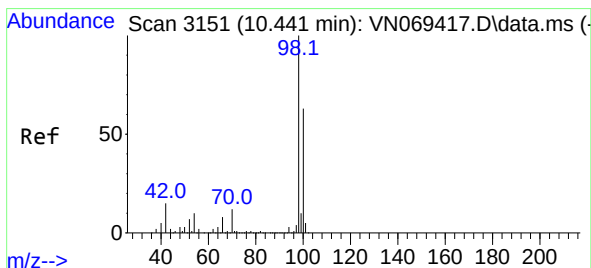
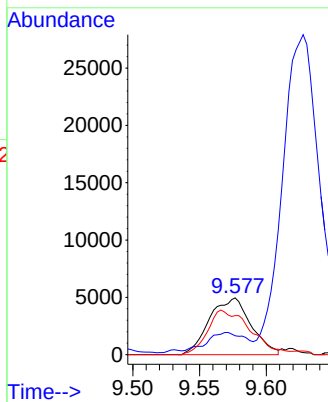
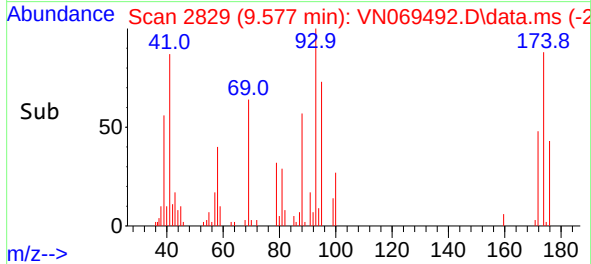
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



Tgt Ion: 88 Resp: 1070
Ion Ratio Lower Upper
88 100
43 28.8 23.4 35.2
58 81.3 50.6 75.8

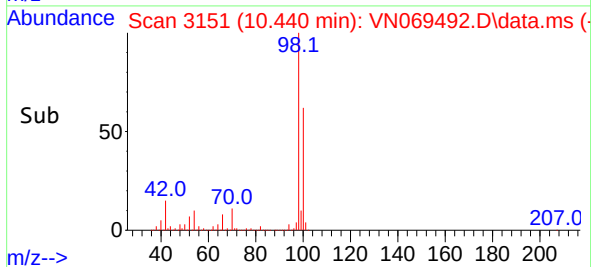
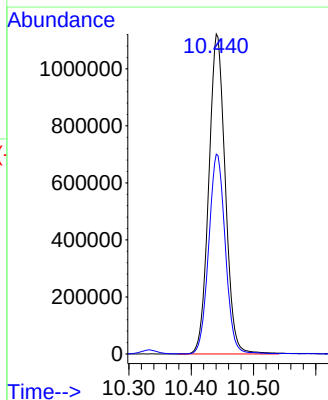
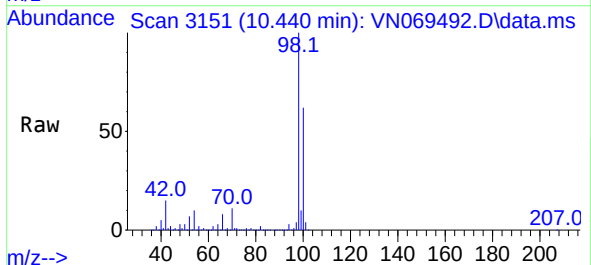
Manual Integrations
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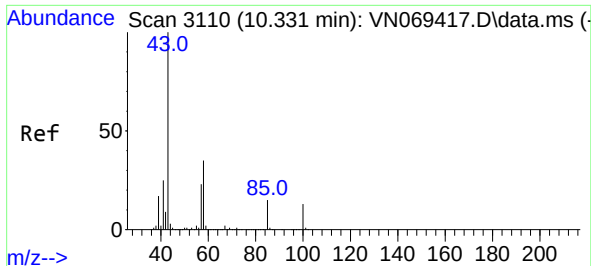
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021



#50
Toluene-d8
Concen: 49.167 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. -0.001 min
Lab File: VN069492.D
Acq: 15 Nov 2021 15:41

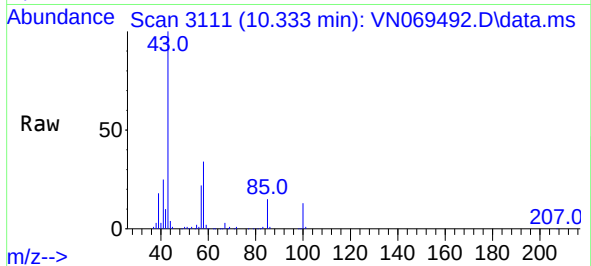
Tgt Ion: 98 Resp: 2062065
Ion Ratio Lower Upper
98 100
100 62.9 50.4 75.6





#51
4-Methyl-2-Pentanone
Concen: 10.490 ug/l
RT: 10.333 min Scan# 3111
Delta R.T. 0.002 min
Lab File: VN069492.D
Acq: 15 Nov 2021 15:41

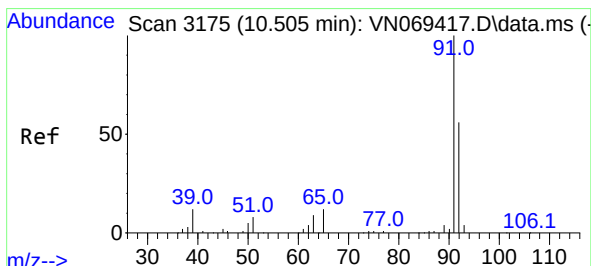
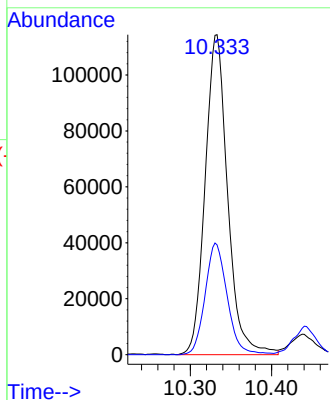
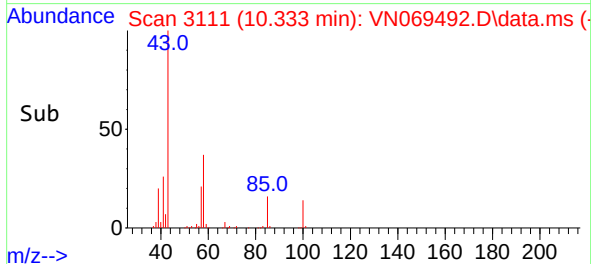
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



Tgt Ion: 43 Resp: 219954
Ion Ratio Lower Upper
43 100
58 34.3 30.4 45.6

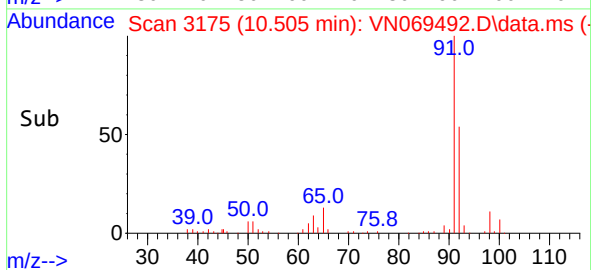
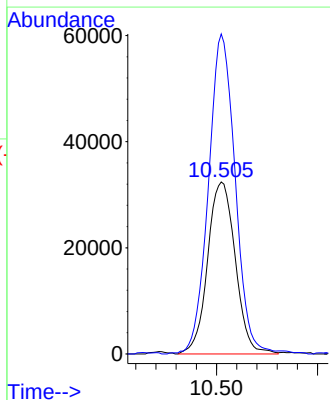
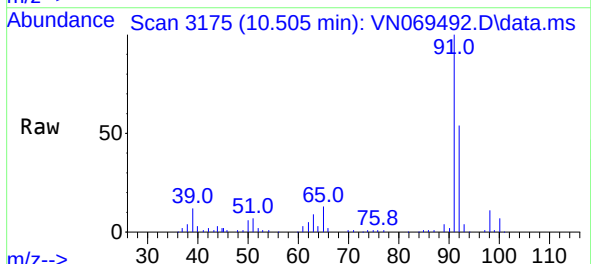
Manual Integrations
APPROVED

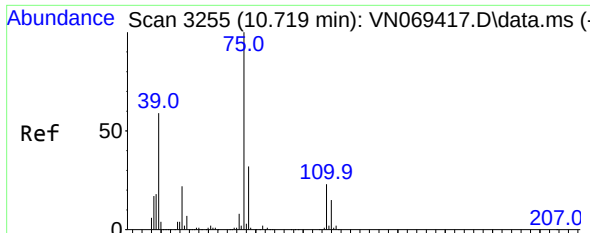
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021



#52
Toluene
Concen: 2.144 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.000 min
Lab File: VN069492.D
Acq: 15 Nov 2021 15:41

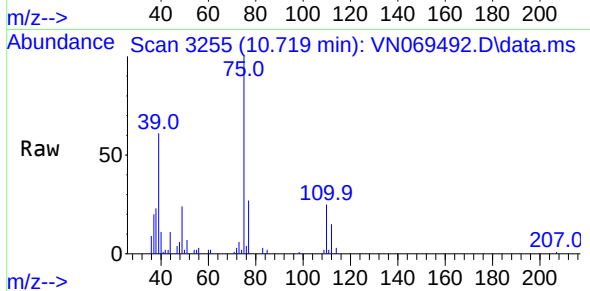
Tgt Ion: 92 Resp: 61691
Ion Ratio Lower Upper
92 100
91 180.4 142.0 213.0





#53
t-1,3-Dichloropropene
Concen: 1.713 ug/l
RT: 10.719 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN069492.D
Acq: 15 Nov 2021 15:41

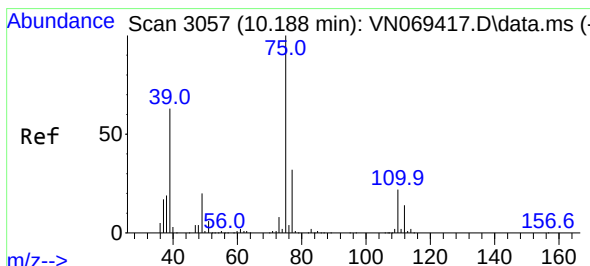
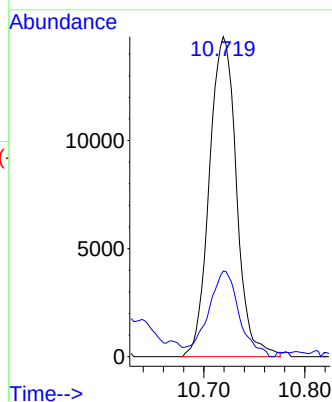
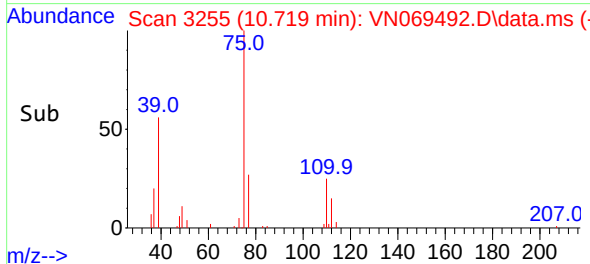
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



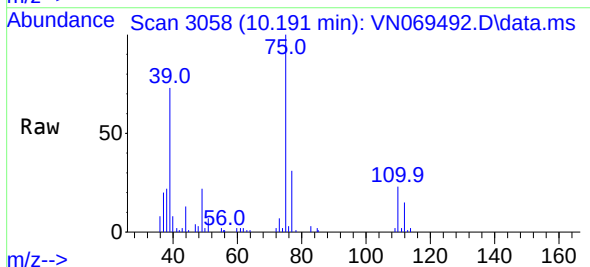
Tgt Ion: 75 Resp: 27600
Ion Ratio Lower Upper
75 100
77 25.4 25.6 38.4

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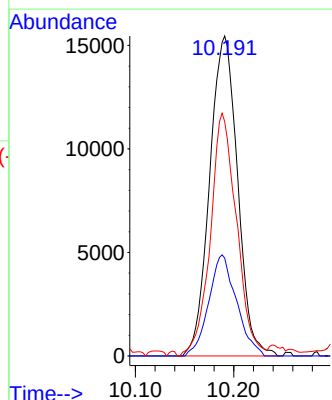
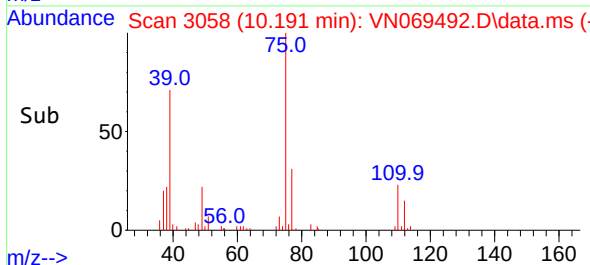
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021

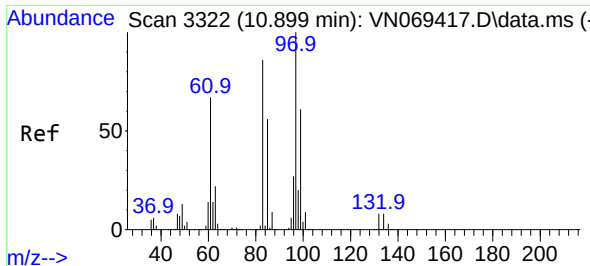


#54
cis-1,3-Dichloropropene
Concen: 1.735 ug/l
RT: 10.191 min Scan# 3058
Delta R.T. 0.003 min
Lab File: VN069492.D
Acq: 15 Nov 2021 15:41



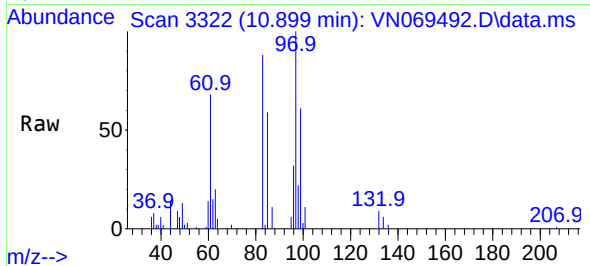
Tgt Ion: 75 Resp: 30508
Ion Ratio Lower Upper
75 100
77 30.6 26.4 39.6
39 73.3 42.5 63.7





#55
1,1,2-Trichloroethane
Concen: 2.142 ug/l
RT: 10.899 min Scan# 3322
Delta R.T. -0.000 min
Lab File: VN069492.D
Acq: 15 Nov 2021 15:41

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

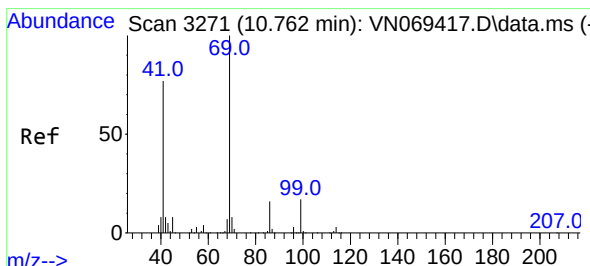
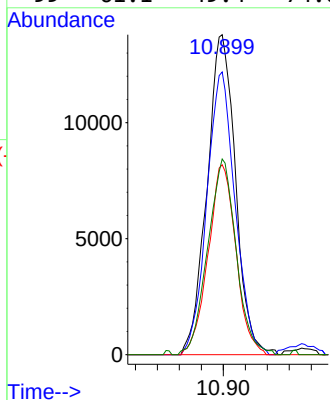
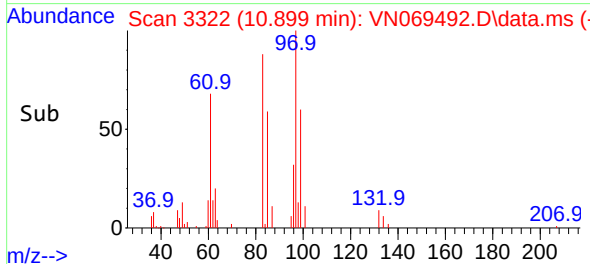


Tgt Ion: 97 Resp: 24838

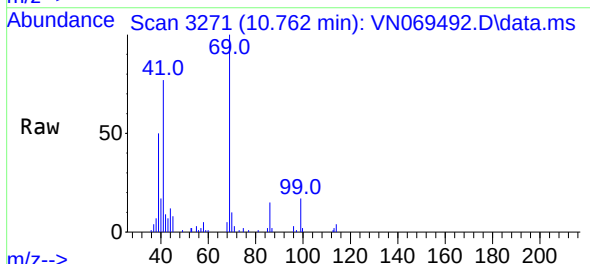
Ion	Ratio	Lower	Upper
97	100		
83	88.4	67.8	101.6
85	59.3	45.4	68.2
99	61.1	49.4	74.0

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

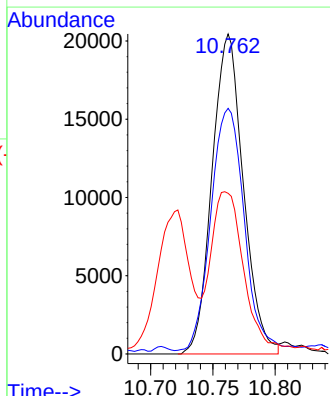
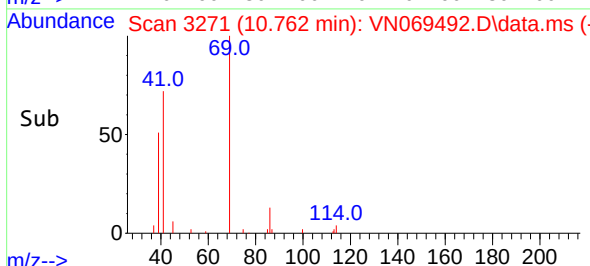


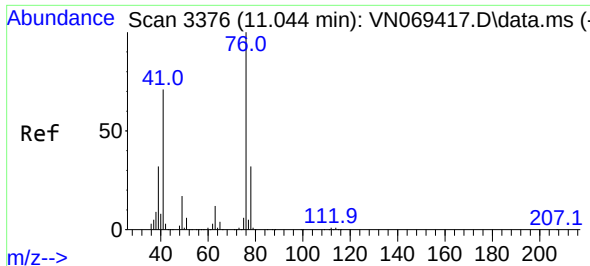
#56
Ethyl methacrylate
Concen: 1.861 ug/l
RT: 10.762 min Scan# 3271
Delta R.T. 0.000 min
Lab File: VN069492.D
Acq: 15 Nov 2021 15:41



Tgt Ion: 69 Resp: 35724

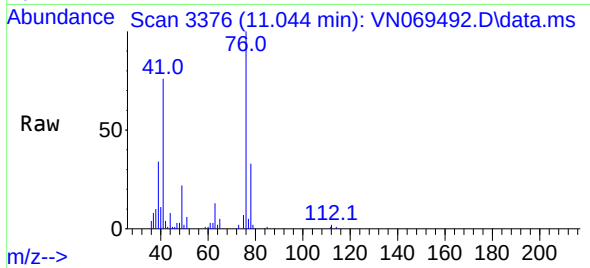
Ion	Ratio	Lower	Upper
69	100		
41	81.1	51.4	77.0#
39	49.5	34.6	52.0





#57
1,3-Dichloropropane
Concen: 2.119 ug/l
RT: 11.044 min Scan# 3376
Delta R.T. -0.000 min
Lab File: VN069492.D
Acq: 15 Nov 2021 15:41

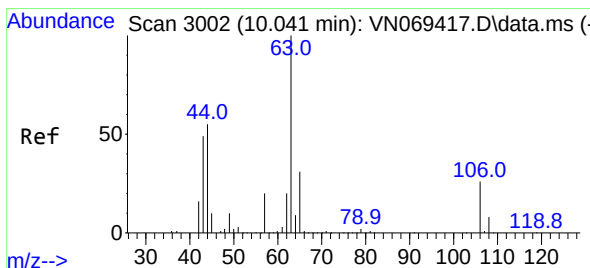
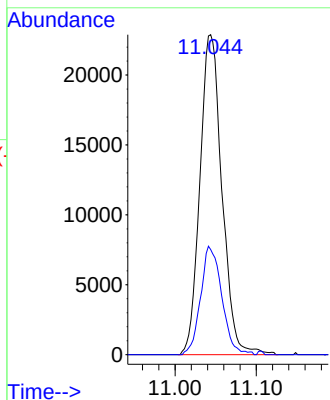
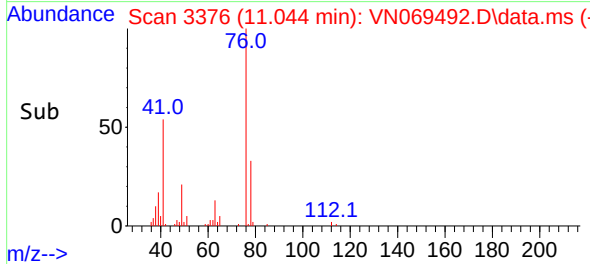
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT4-2021



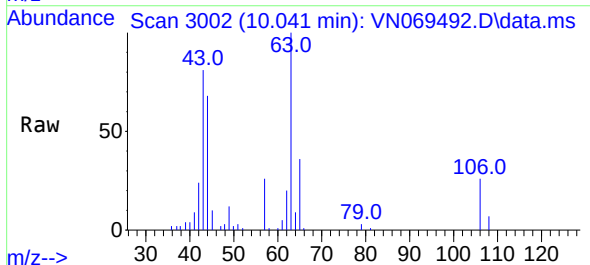
Tgt Ion: 76 Resp: 43179
Ion Ratio Lower Upper
76 100
78 32.5 25.7 38.5

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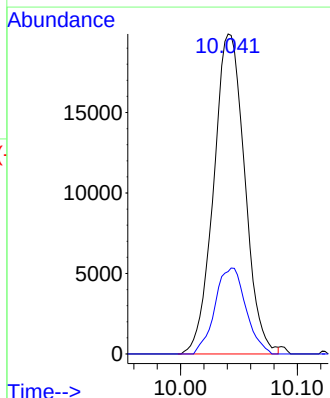
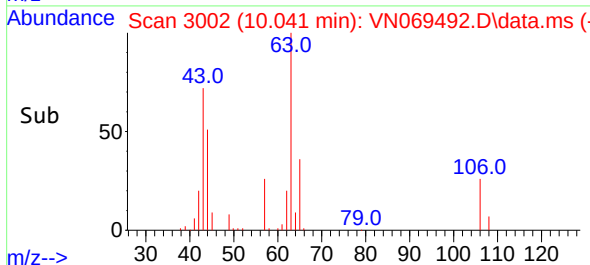
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021

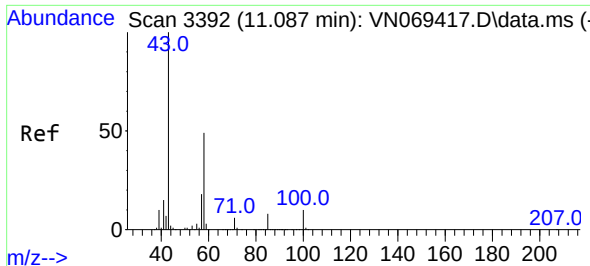


#58
2-Chloroethyl Vinyl ether
Concen: 8.256 ug/l
RT: 10.041 min Scan# 3002
Delta R.T. -0.000 min
Lab File: VN069492.D
Acq: 15 Nov 2021 15:41



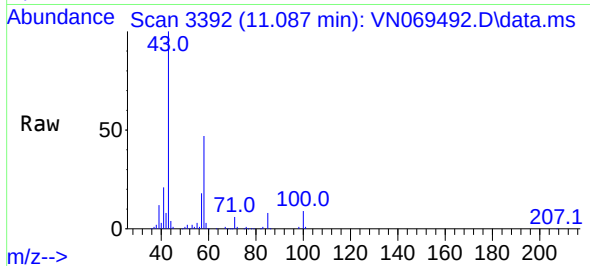
Tgt Ion: 63 Resp: 36731
Ion Ratio Lower Upper
63 100
106 26.7 23.9 35.9





#59
2-Hexanone
Concen: 9.445 ug/l
RT: 11.087 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN069492.D
Acq: 15 Nov 2021 15:41

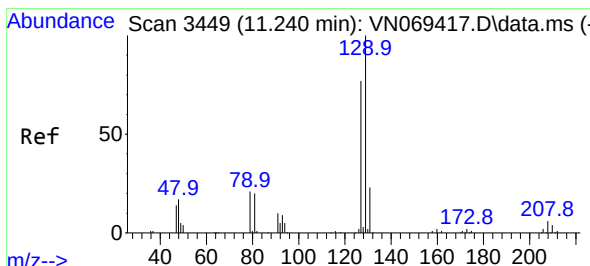
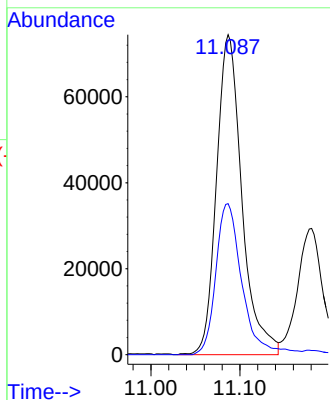
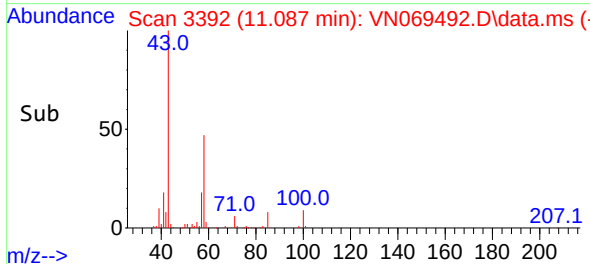
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



Tgt Ion: 43 Resp: 147588
Ion Ratio Lower Upper
43 100
58 48.7 26.9 80.7

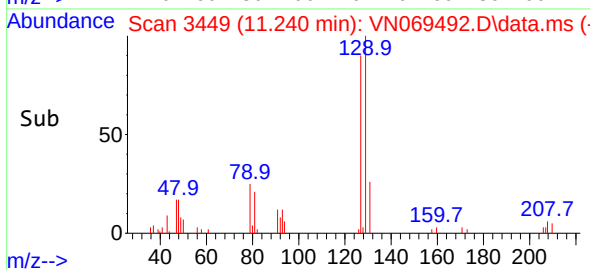
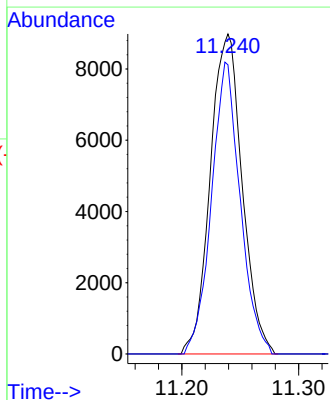
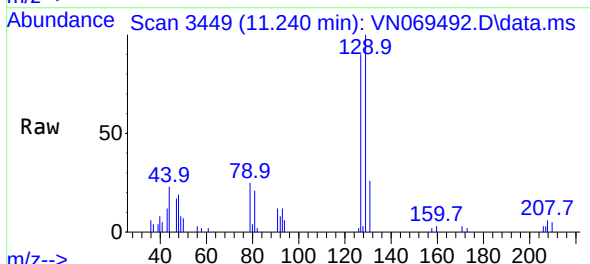
Manual Integrations
APPROVED

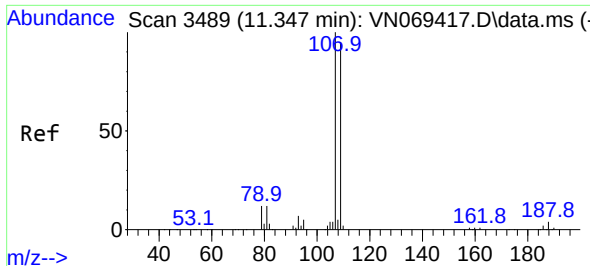
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021



#60
Dibromochloromethane
Concen: 1.570 ug/l
RT: 11.240 min Scan# 3449
Delta R.T. -0.001 min
Lab File: VN069492.D
Acq: 15 Nov 2021 15:41

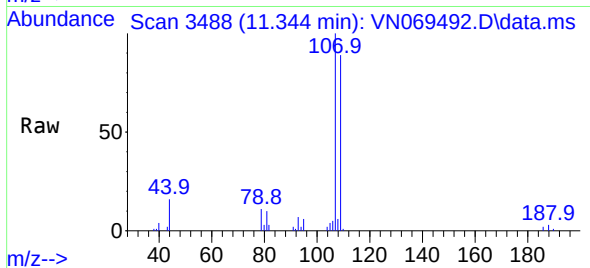
Tgt Ion:129 Resp: 17045
Ion Ratio Lower Upper
129 100
127 81.9 38.6 116.0





#61
1,2-Dibromoethane
Concen: 2.041 ug/l
RT: 11.344 min Scan# 3489
Delta R.T. -0.003 min
Lab File: VN069492.D
Acq: 15 Nov 2021 15:41

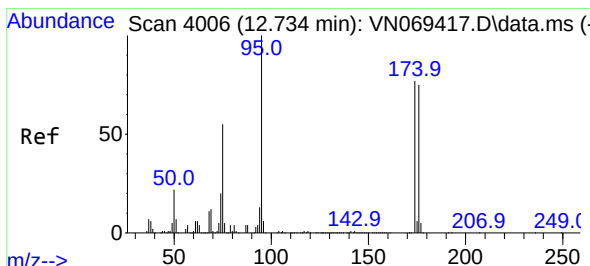
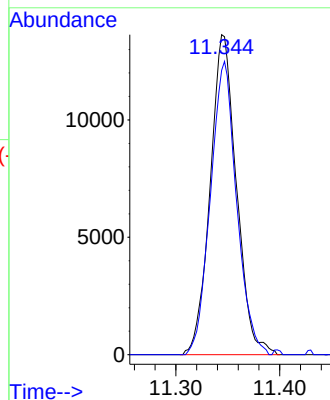
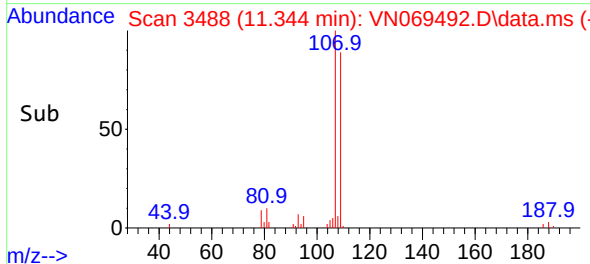
Instrument : MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



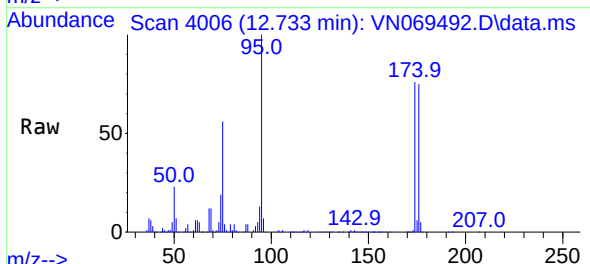
Tgt Ion:107 Resp: 2396
Ion Ratio Lower Upper
107 100
109 91.3 75.7 113.5

Manual Integrations
APPROVED

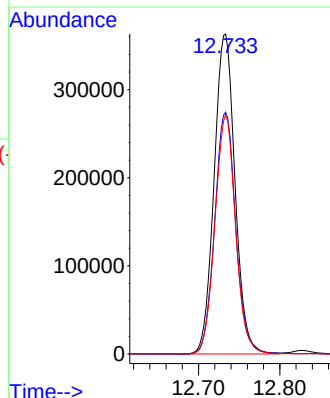
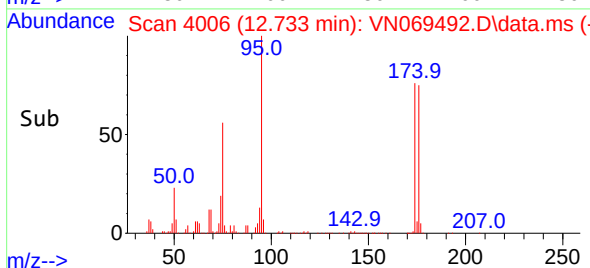
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021

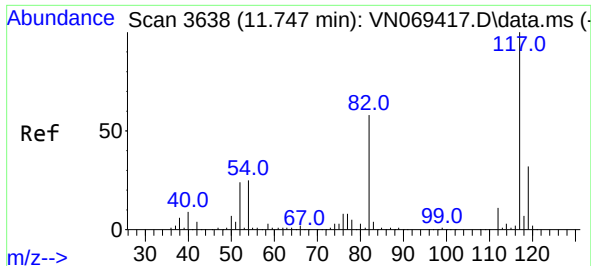


#62
4-Bromofluorobenzene
Concen: 42.205 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.001 min
Lab File: VN069492.D
Acq: 15 Nov 2021 15:41



Tgt Ion: 95 Resp: 650258
Ion Ratio Lower Upper
95 100
174 75.9 0.0 187.2
176 73.4 0.0 181.4





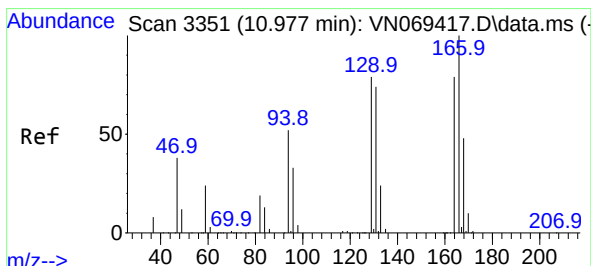
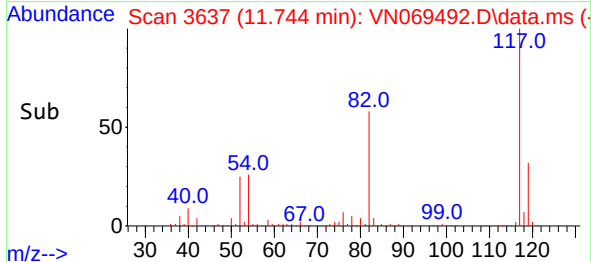
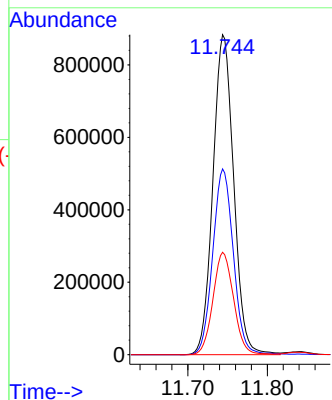
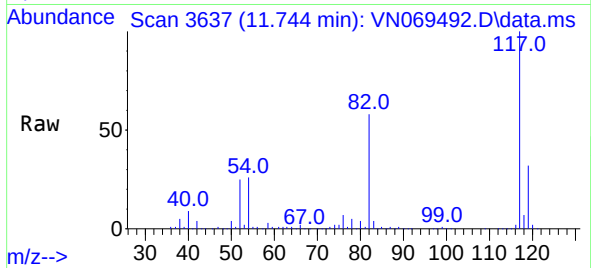
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3638
Delta R.T. -0.003 min
Lab File: VN069492.D
Acq: 15 Nov 2021 15:41

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

Tgt Ion:117 Resp: 160078
Ion Ratio Lower Upper
117 100
82 58.1 42.4 63.6
119 32.0 25.4 38.2

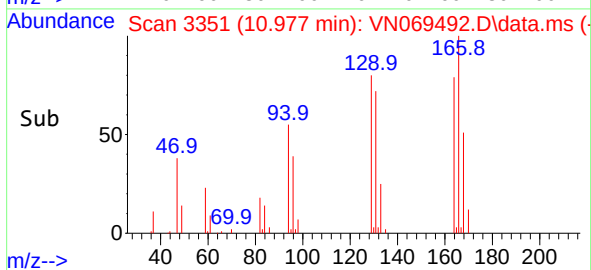
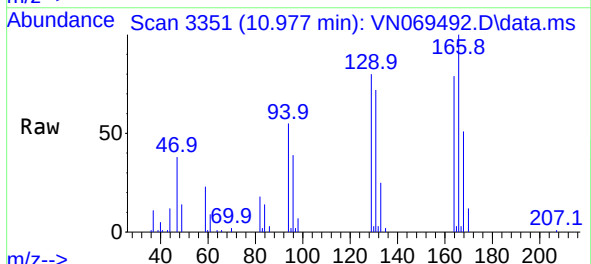
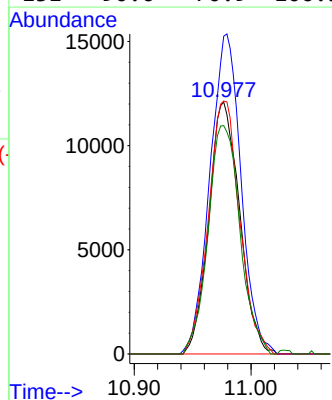
Manual Integrations
APPROVED

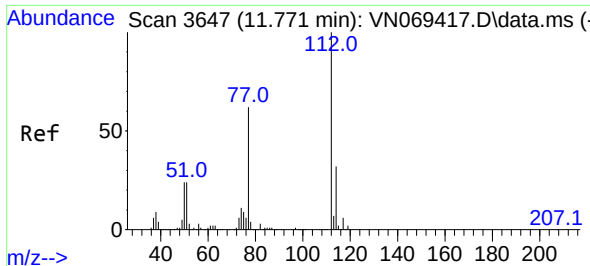
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021



#64
Tetrachloroethene
Concen: 2.288 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.000 min
Lab File: VN069492.D
Acq: 15 Nov 2021 15:41

Tgt Ion:164 Resp: 22118
Ion Ratio Lower Upper
164 100
166 126.1 101.9 152.9
129 100.4 72.0 108.0
131 90.6 70.9 106.3





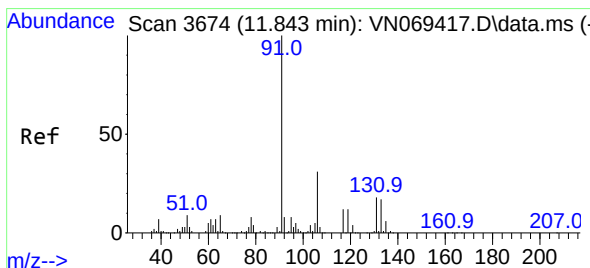
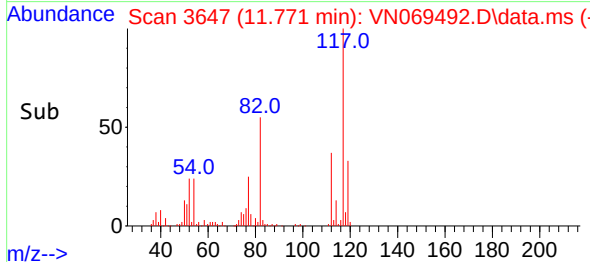
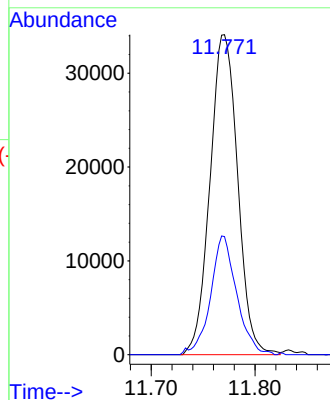
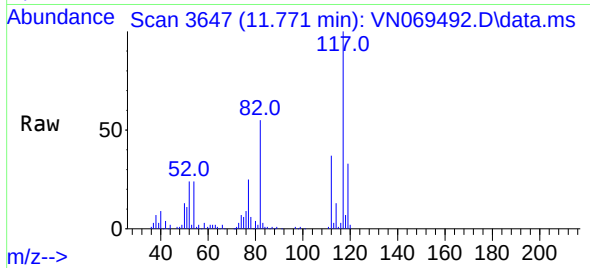
#65
Chlorobenzene
Concen: 2.120 ug/l
RT: 11.771 min Scan# 3647
Delta R.T. -0.000 min
Lab File: VN069492.D
Acq: 15 Nov 2021 15:41

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

Tgt Ion:112 Resp: 63159
Ion Ratio Lower Upper
112 100
114 36.9 25.4 38.0

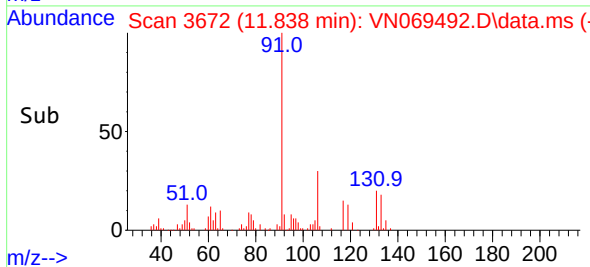
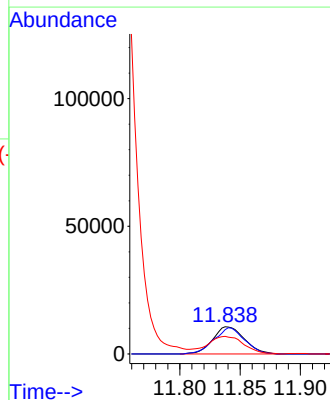
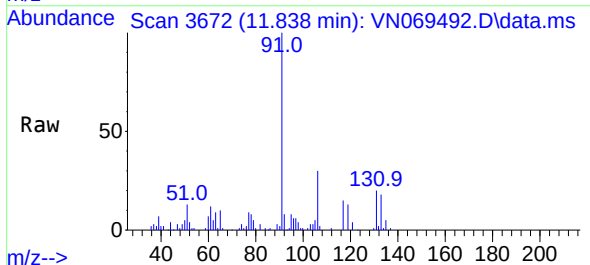
Manual Integrations
APPROVED

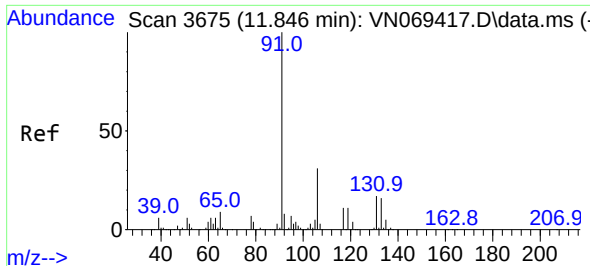
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021



#66
1,1,1,2-Tetrachloroethane
Concen: 1.878 ug/l
RT: 11.838 min Scan# 3672
Delta R.T. -0.005 min
Lab File: VN069492.D
Acq: 15 Nov 2021 15:41

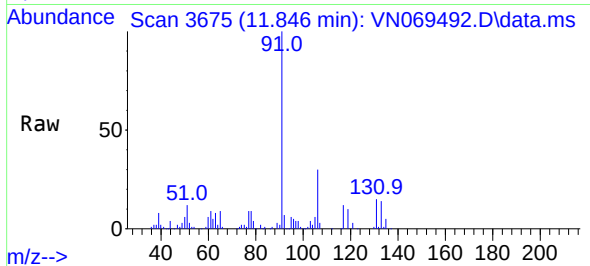
Tgt Ion:131 Resp: 19408
Ion Ratio Lower Upper
131 100
133 92.9 47.9 143.7
119 0.0 32.1 96.5#





#67
Ethyl Benzene
Concen: 2.038 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. -0.000 min
Lab File: VN069492.D
Acq: 15 Nov 2021 15:41

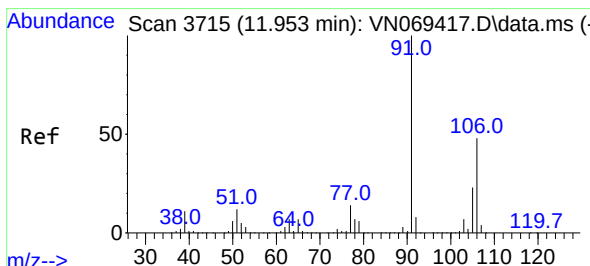
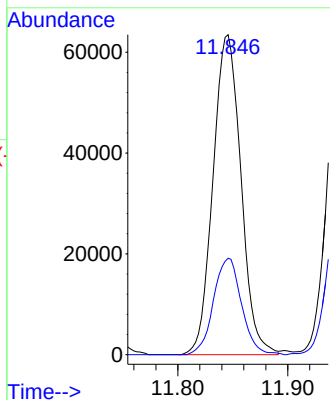
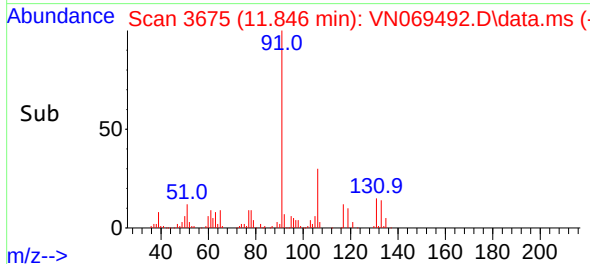
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



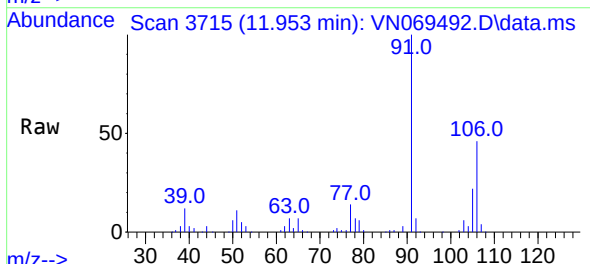
Tgt Ion: 91 Resp: 11201
Ion Ratio Lower Upper
91 100
106 30.1 25.7 38.5

Manual Integrations
APPROVED

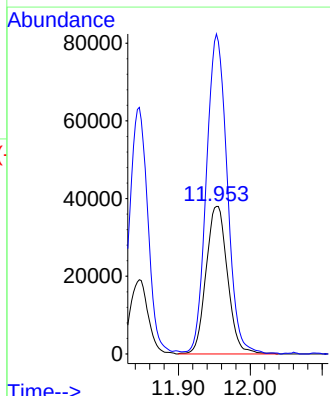
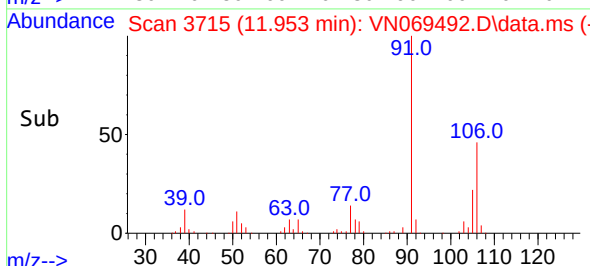
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021

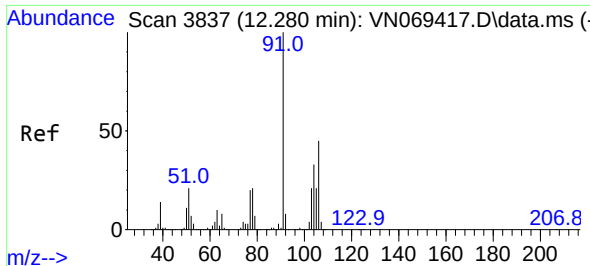


#68
m/p-Xylenes
Concen: 3.900 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. -0.000 min
Lab File: VN069492.D
Acq: 15 Nov 2021 15:41



Tgt Ion:106 Resp: 78817
Ion Ratio Lower Upper
106 100
91 208.6 160.6 240.8





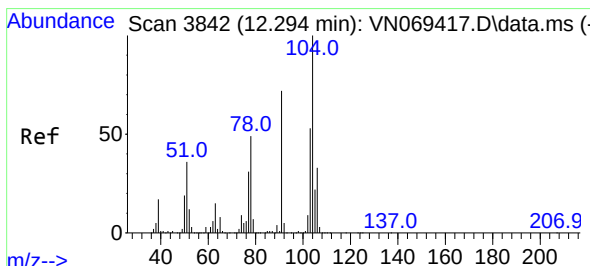
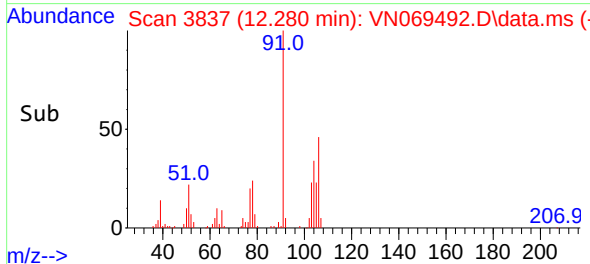
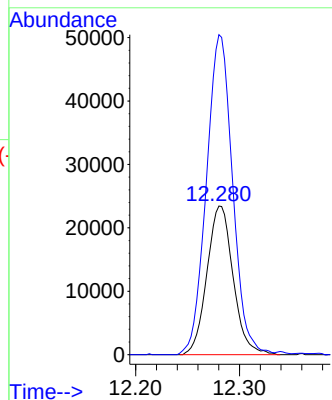
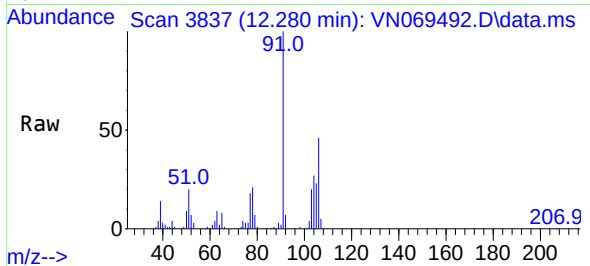
#69
o-Xylene
Concen: 2.038 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. 0.000 min
Lab File: VN069492.D
Acq: 15 Nov 2021 15:41

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

Tgt Ion:106 Resp: 4105
Ion Ratio Lower Upper
106 100
91 215.6 105.8 317.3

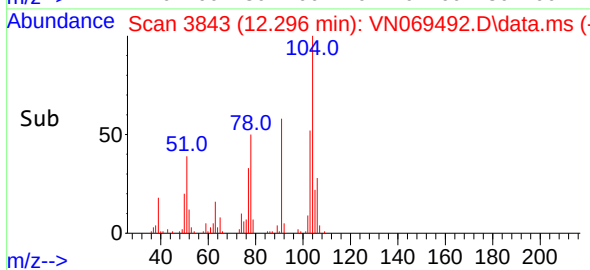
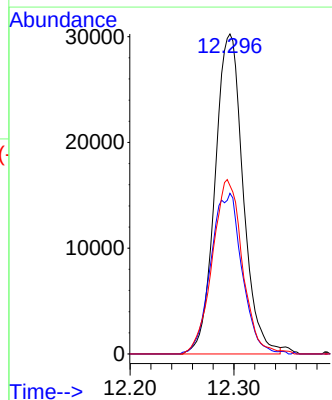
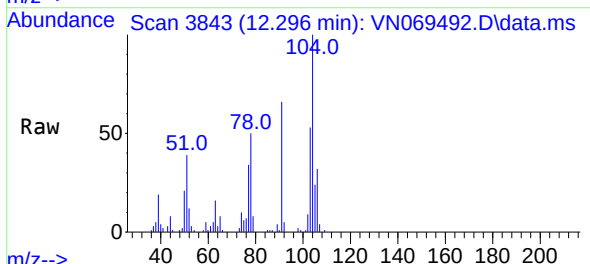
Manual Integrations
APPROVED

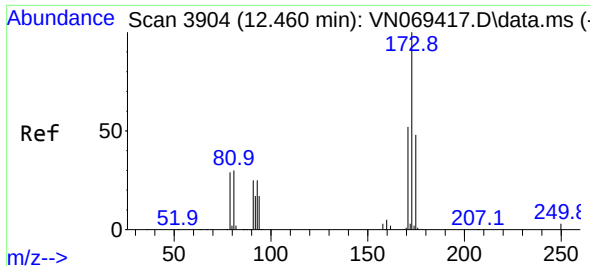
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021



#70
Styrene
Concen: 1.753 ug/l
RT: 12.296 min Scan# 3843
Delta R.T. 0.002 min
Lab File: VN069492.D
Acq: 15 Nov 2021 15:41

Tgt Ion:104 Resp: 56751
Ion Ratio Lower Upper
104 100
78 55.9 38.7 58.1
103 58.7 45.0 67.6





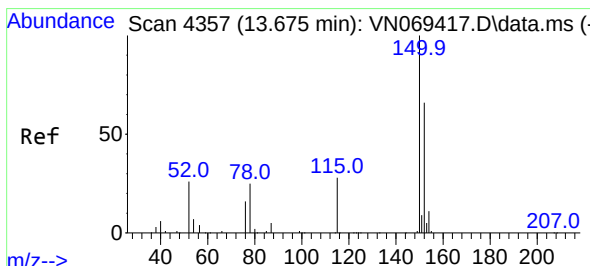
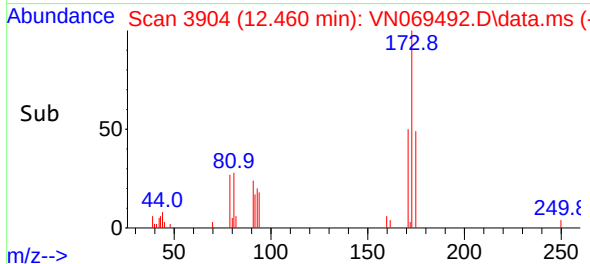
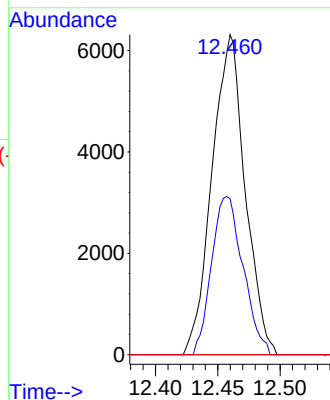
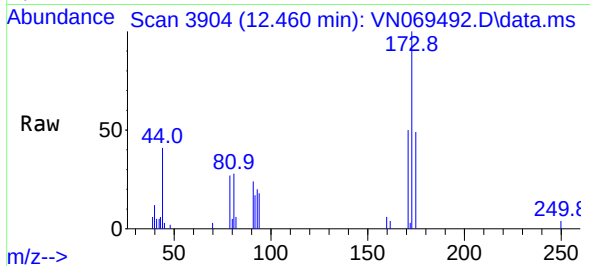
#71
Bromoform
Concen: 1.587 ug/l
RT: 12.460 min Scan# 3904
Delta R.T. -0.000 min
Lab File: VN069492.D
Acq: 15 Nov 2021 15:41

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

Tgt Ion:173 Resp: 11700
Ion Ratio Lower Upper
173 100
175 46.9 24.2 72.6
254 0.0 0.0 0.0

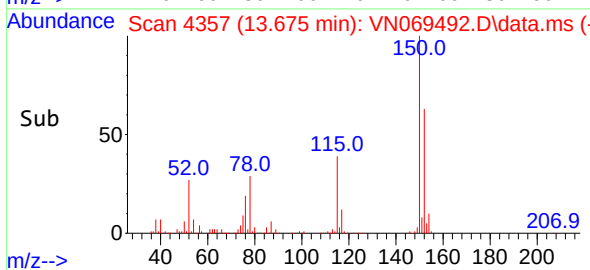
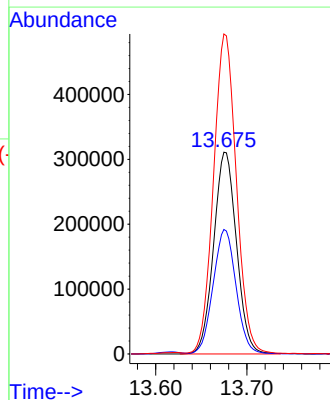
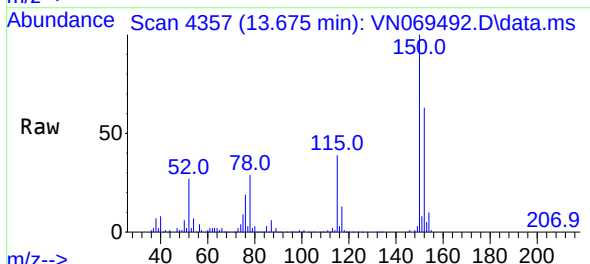
Manual Integrations
APPROVED

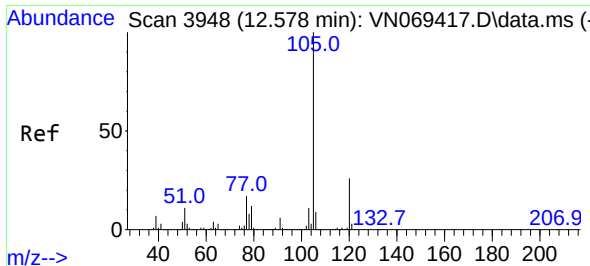
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.000 min
Lab File: VN069492.D
Acq: 15 Nov 2021 15:41

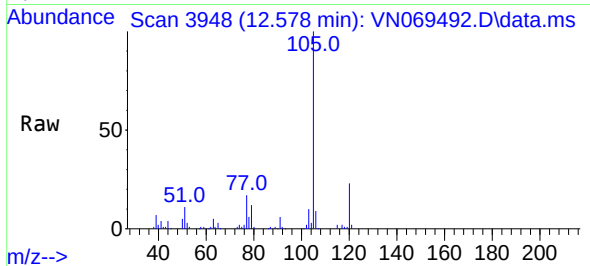
Tgt Ion:152 Resp: 542196
Ion Ratio Lower Upper
152 100
115 61.7 27.5 82.5
150 158.1 0.0 344.4





#73
Isopropylbenzene
Concen: 2.302 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. -0.000 min
Lab File: VN069492.D
Acq: 15 Nov 2021 15:41

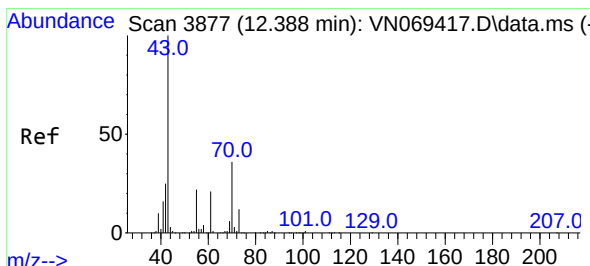
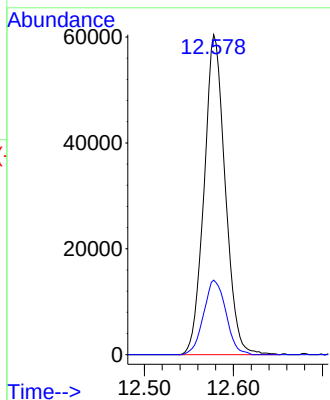
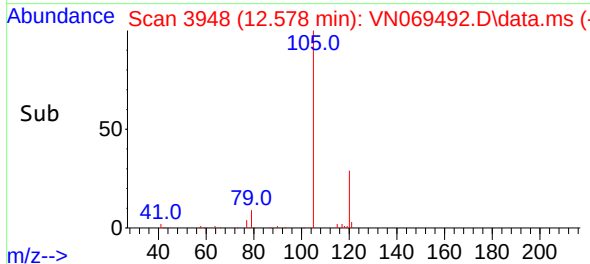
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT4-2021



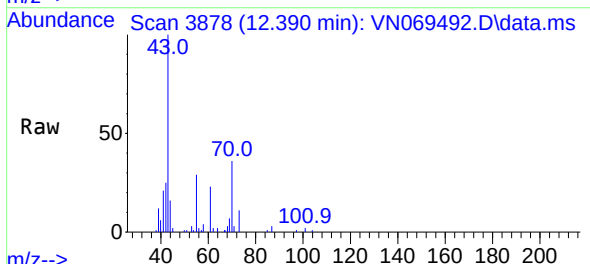
Tgt Ion:105 Resp: 99398
Ion Ratio Lower Upper
105 100
120 24.6 13.4 40.1

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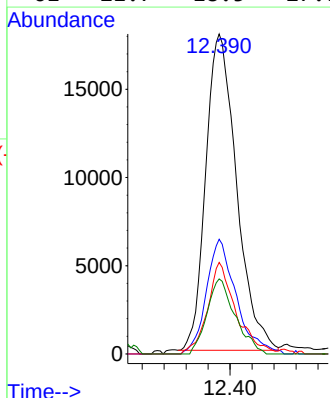
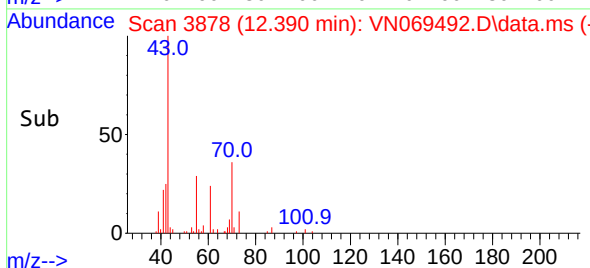
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021

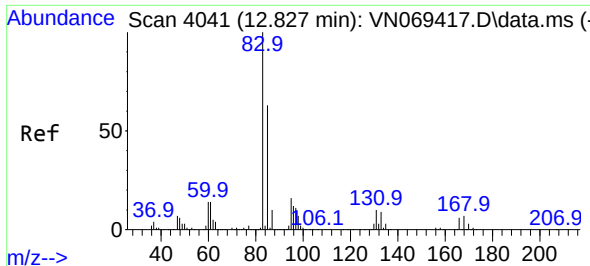


#74
N-ethyl acetate
Concen: 1.905 ug/l
RT: 12.390 min Scan# 3878
Delta R.T. 0.002 min
Lab File: VN069492.D
Acq: 15 Nov 2021 15:41



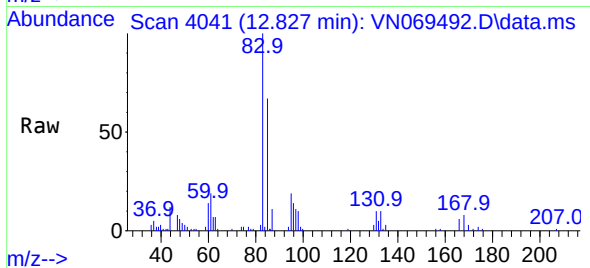
Tgt Ion: 43 Resp: 34846
Ion Ratio Lower Upper
43 100
70 35.2 33.4 50.0
55 26.6 19.3 28.9
61 21.7 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 2.446 ug/l
RT: 12.827 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VN069492.D
Acq: 15 Nov 2021 15:41

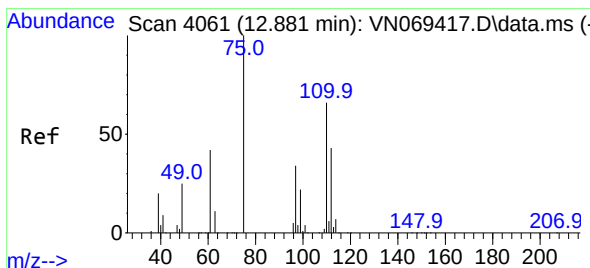
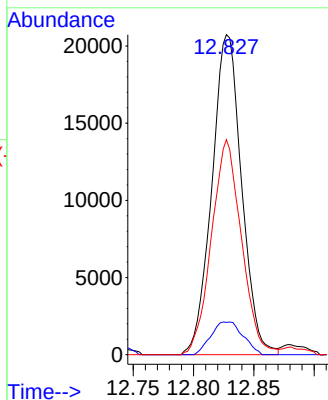
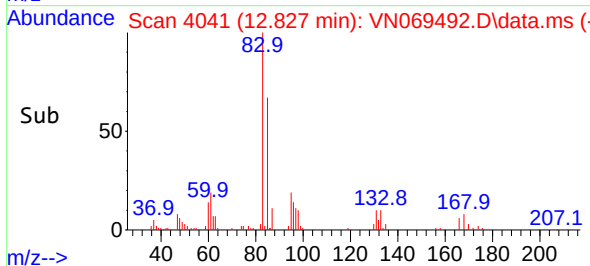
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



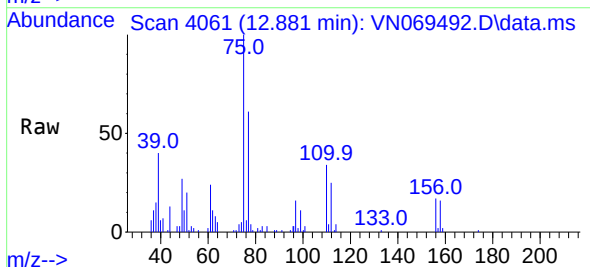
Tgt Ion: 83 Resp: 35618
Ion Ratio Lower Upper
83 100
131 11.0 5.5 16.5
85 67.6 32.4 97.2

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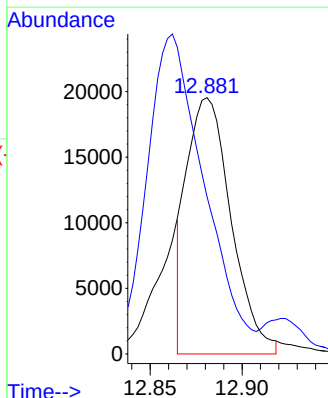
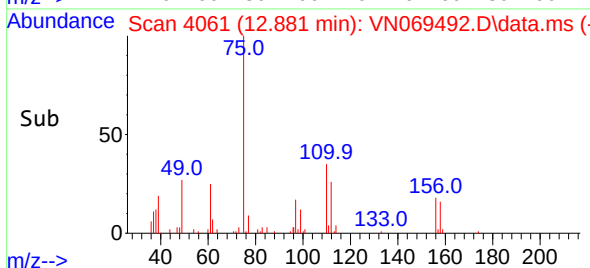
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021

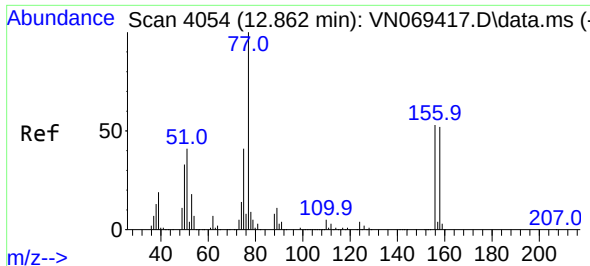


#76
1,2,3-Trichloropropane
Concen: 2.623 ug/l m
RT: 12.881 min Scan# 4061
Delta R.T. -0.000 min
Lab File: VN069492.D
Acq: 15 Nov 2021 15:41



Tgt Ion: 75 Resp: 32820
Ion Ratio Lower Upper
75 100
77 161.9 82.6 247.8





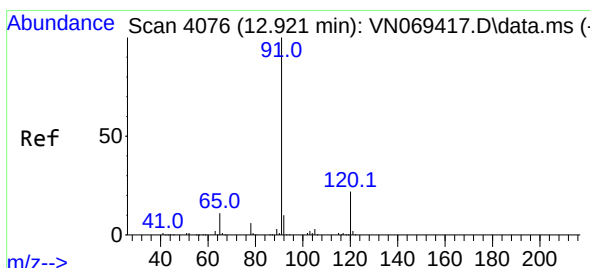
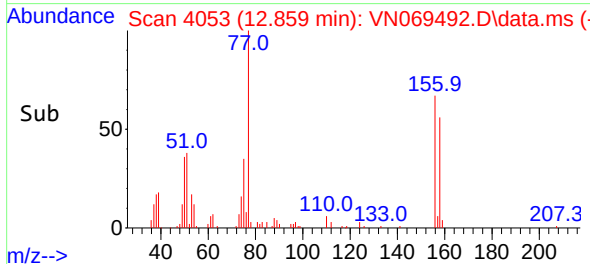
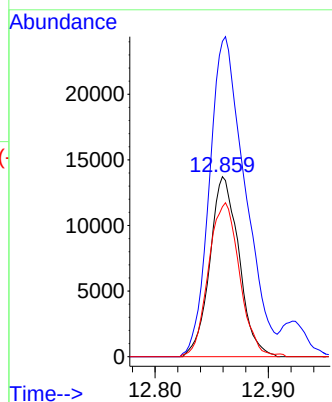
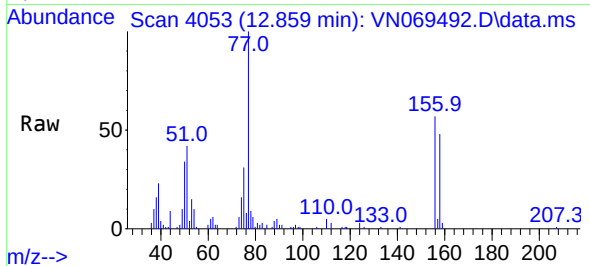
#77
Bromobenzene
Concen: 2.480 ug/l
RT: 12.859 min Scan# 4053
Delta R.T. -0.003 min
Lab File: VN069492.D
Acq: 15 Nov 2021 15:41

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

Tgt Ion:156 Resp: 2448
Ion Ratio Lower Upper
156 100
77 217.0 90.6 271.8
158 90.9 48.9 146.7

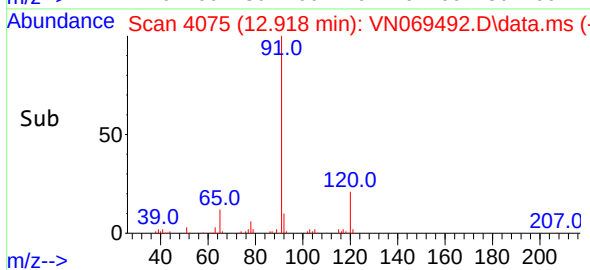
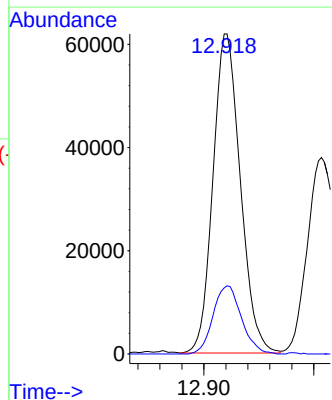
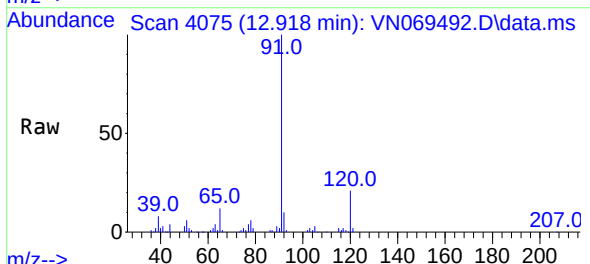
Manual Integrations
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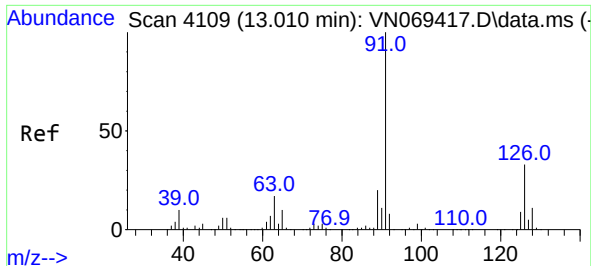
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021



#78
n-propylbenzene
Concen: 2.198 ug/l
RT: 12.918 min Scan# 4075
Delta R.T. -0.003 min
Lab File: VN069492.D
Acq: 15 Nov 2021 15:41

Tgt Ion: 91 Resp: 106791
Ion Ratio Lower Upper
91 100
120 22.1 11.9 35.9





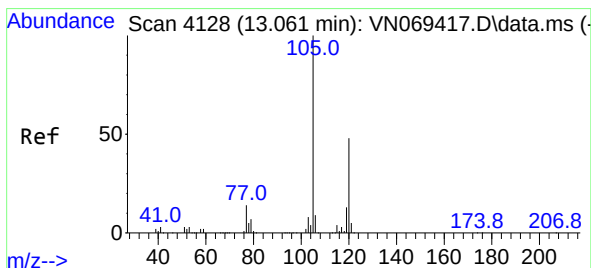
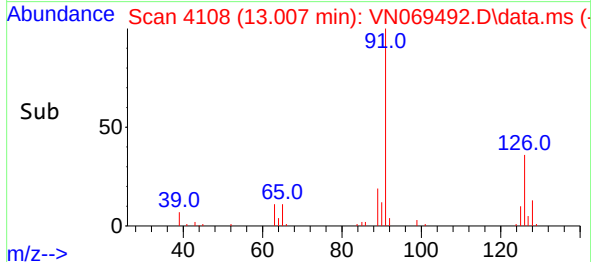
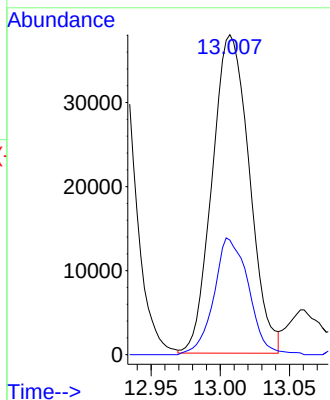
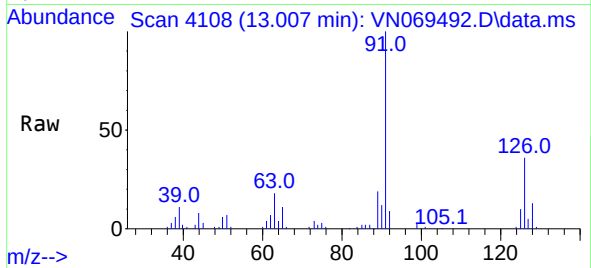
#79
2-Chlorotoluene
Concen: 2.355 ug/l
RT: 13.007 min Scan# 4109
Delta R.T. -0.003 min
Lab File: VN069492.D
Acq: 15 Nov 2021 15:41

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

Tgt Ion: 91 Resp: 70819
Ion Ratio Lower Upper
91 100
126 34.2 18.3 54.8

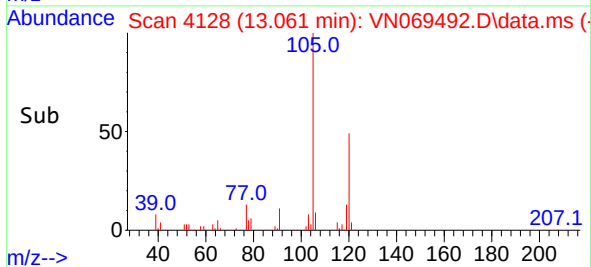
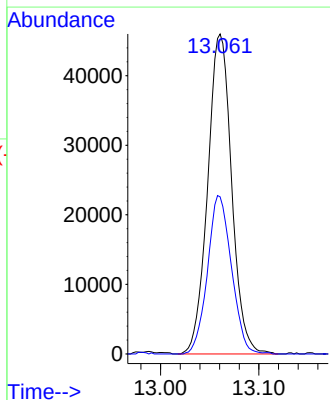
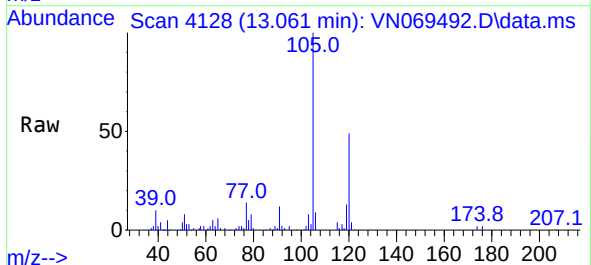
Manual Integrations
APPROVED

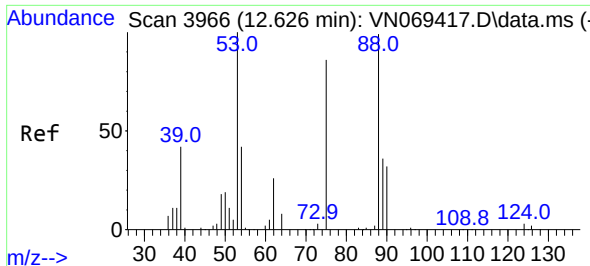
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021



#80
1,3,5-Trimethylbenzene
Concen: 2.235 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. -0.000 min
Lab File: VN069492.D
Acq: 15 Nov 2021 15:41

Tgt Ion:105 Resp: 78004
Ion Ratio Lower Upper
105 100
120 49.4 24.6 73.6





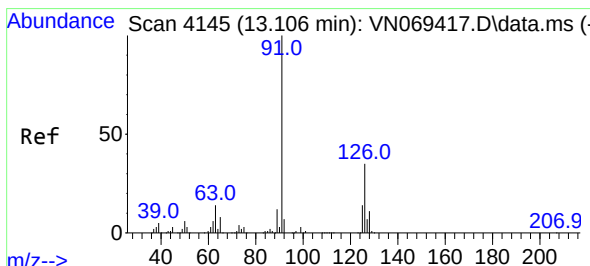
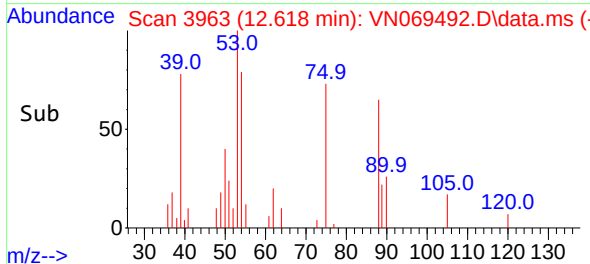
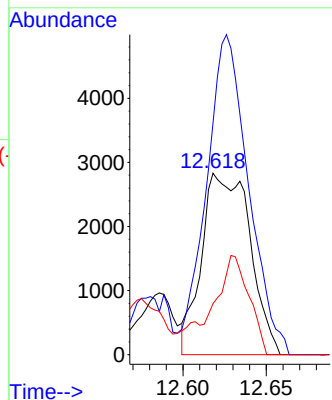
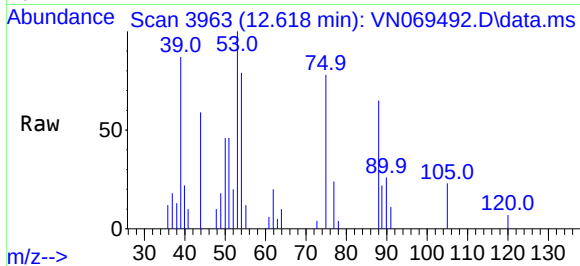
#81
trans-1,4-Dichloro-2-butene
Concen: 1.532 ug/l m
RT: 12.618 min Scan# 3966
Delta R.T. -0.008 min
Lab File: VN069492.D
Acq: 15 Nov 2021 15:41

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

Tgt Ion: 75 Resp: 571
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7
89 0.0 38.2 57.4

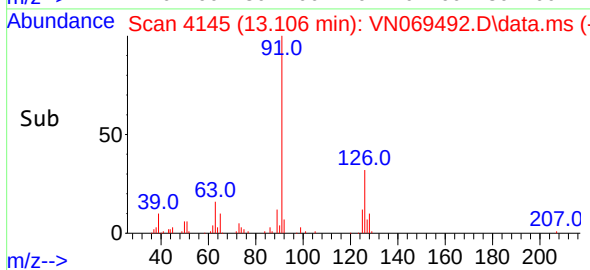
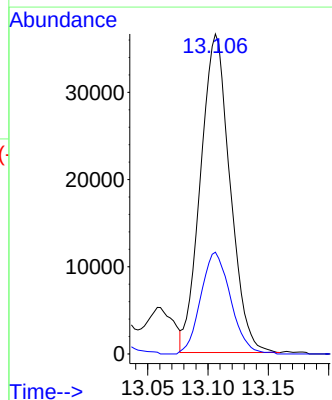
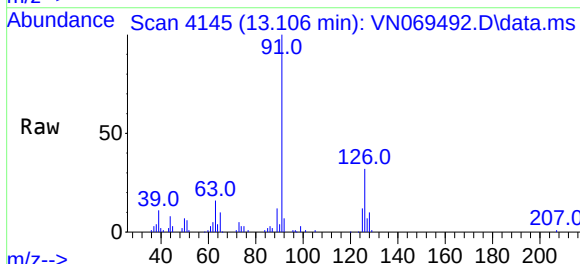
Manual Integrations
APPROVED

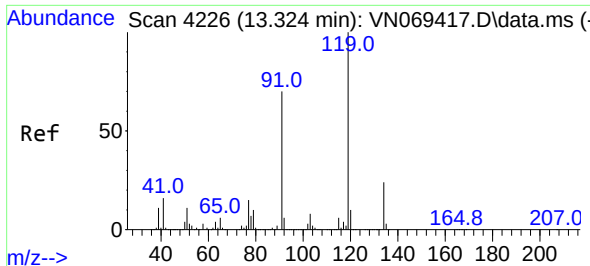
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021



#82
4-Chlorotoluene
Concen: 2.167 ug/l
RT: 13.106 min Scan# 4145
Delta R.T. 0.000 min
Lab File: VN069492.D
Acq: 15 Nov 2021 15:41

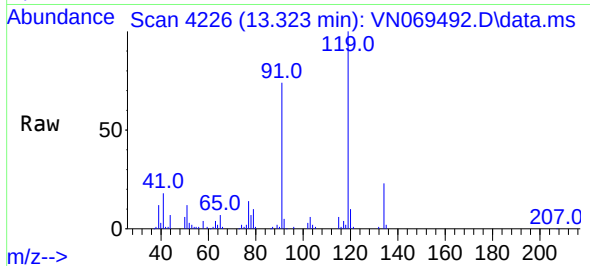
Tgt Ion: 91 Resp: 62137
Ion Ratio Lower Upper
91 100
126 32.4 18.2 54.6





#83
tert-Butylbenzene
Concen: 2.311 ug/l
RT: 13.323 min Scan# 41
Delta R.T. -0.001 min
Lab File: VN069492.D
Acq: 15 Nov 2021 15:41

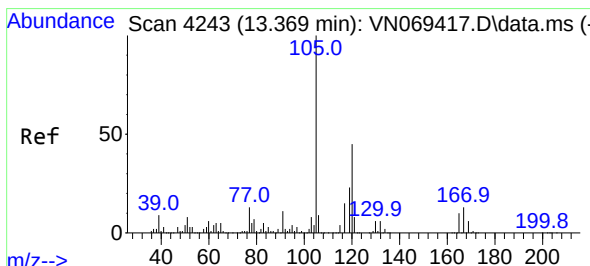
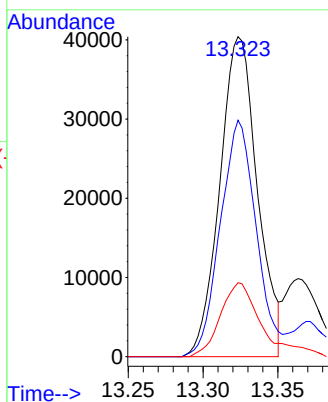
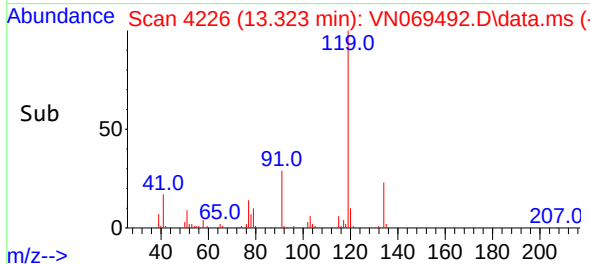
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



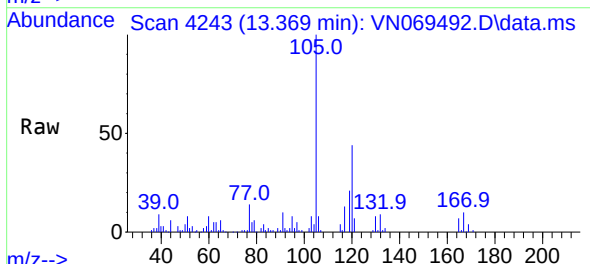
Tgt Ion:119 Resp: 70664
Ion Ratio Lower Upper
119 100
91 70.6 31.5 94.5
134 25.3 12.4 37.4

Manual Integrations
APPROVED

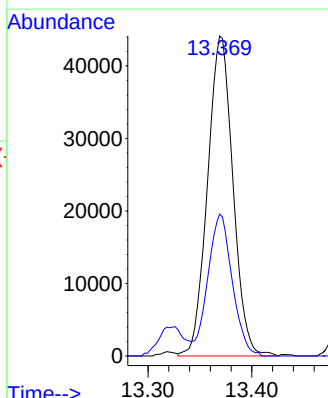
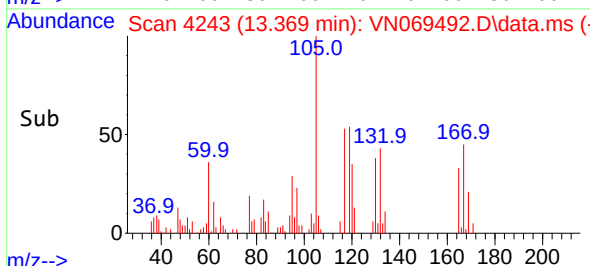
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021

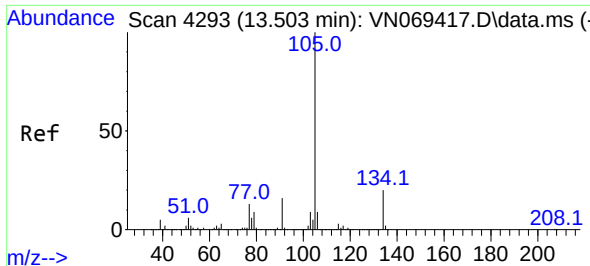


#84
1,2,4-Trimethylbenzene
Concen: 2.228 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. -0.000 min
Lab File: VN069492.D
Acq: 15 Nov 2021 15:41



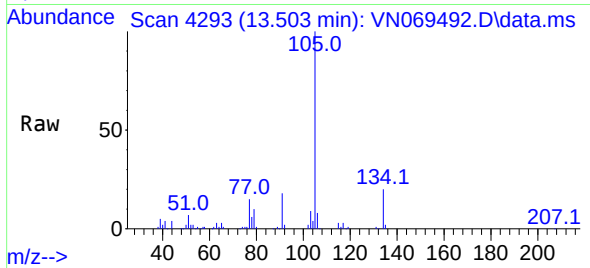
Tgt Ion:105 Resp: 75051
Ion Ratio Lower Upper
105 100
120 42.5 22.8 68.4





#85
 sec-Butylbenzene
 Concen: 2.118 ug/l
 RT: 13.503 min Scan# 4293
 Delta R.T. 0.000 min
 Lab File: VN069492.D
 Acq: 15 Nov 2021 15:41

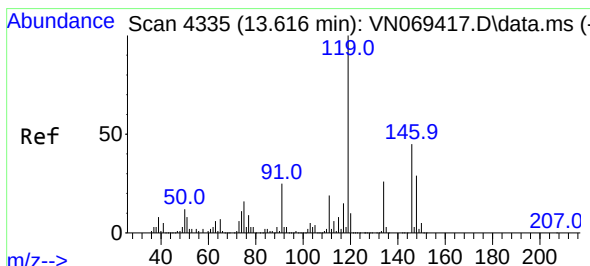
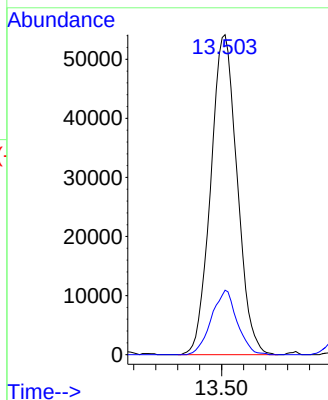
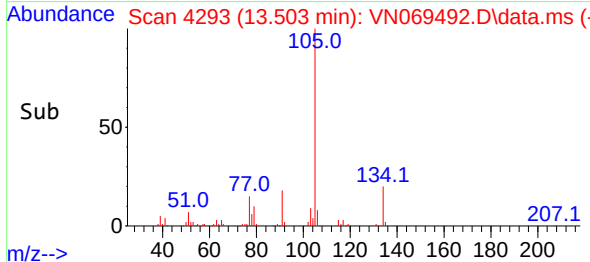
Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2021



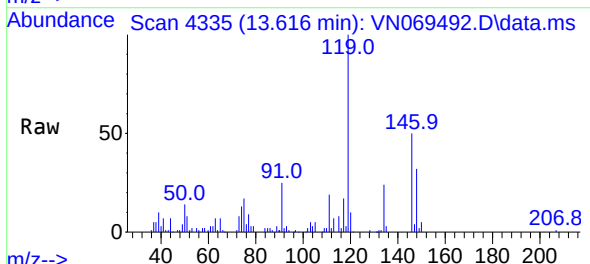
Tgt Ion:105 Resp: 9048
 Ion Ratio Lower Upper
 105 100
 134 19.6 10.4 31.1

Manual Integrations
 APPROVED

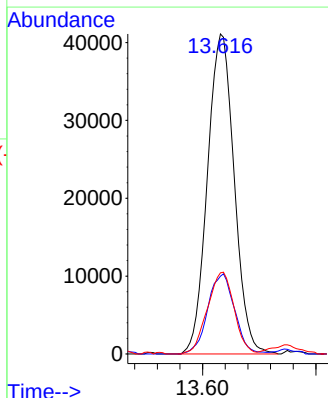
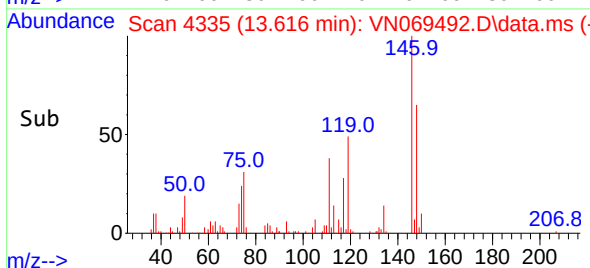
Reviewed By :John Carlone 11/16/2021
 Supervised By :Mahesh Dadoda 11/18/2021

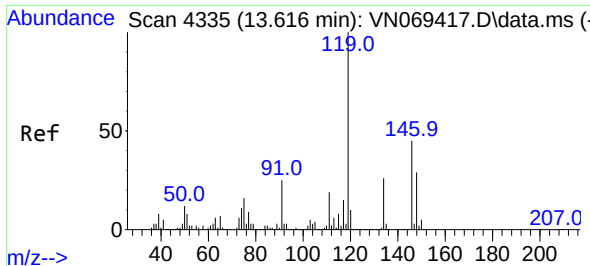


#86
 p-Isopropyltoluene
 Concen: 1.991 ug/l
 RT: 13.616 min Scan# 4335
 Delta R.T. -0.000 min
 Lab File: VN069492.D
 Acq: 15 Nov 2021 15:41



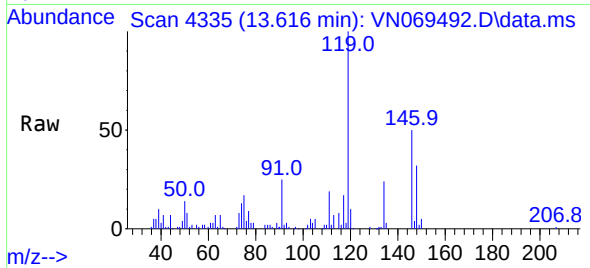
Tgt Ion:119 Resp: 67514
 Ion Ratio Lower Upper
 119 100
 134 25.1 13.6 40.7
 91 25.4 11.4 34.1





#87
1,3-Dichlorobenzene
Concen: 2.094 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. -0.000 min
Lab File: VN069492.D
Acq: 15 Nov 2021 15:41

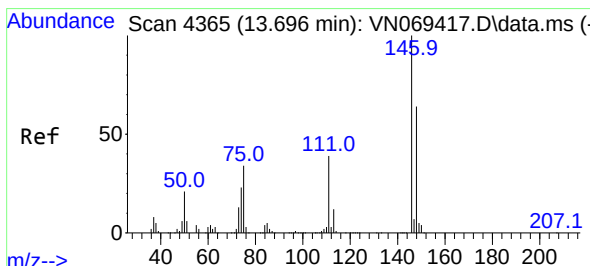
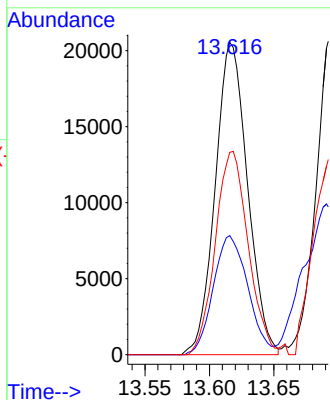
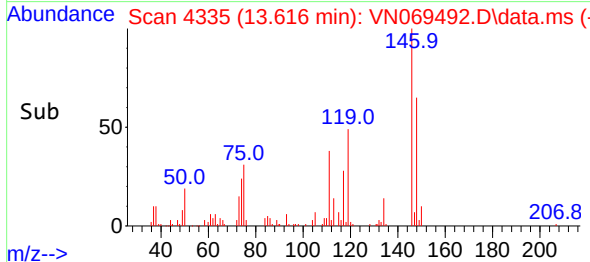
Instrument : MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



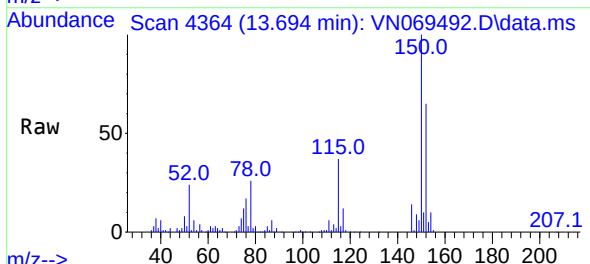
Tgt Ion:146 Resp: 35838
Ion Ratio Lower Upper
146 100
111 40.6 18.6 55.6
148 66.3 31.6 95.0

Manual Integrations
APPROVED

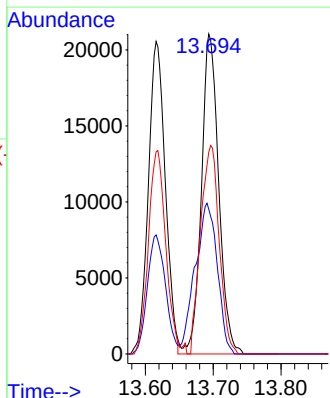
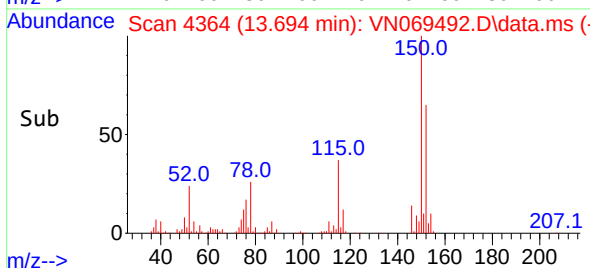
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021

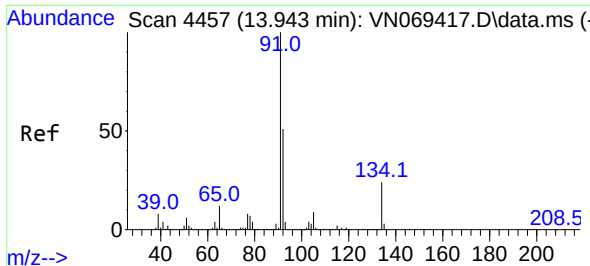


#88
1,4-Dichlorobenzene
Concen: 2.220 ug/l m
RT: 13.694 min Scan# 4364
Delta R.T. -0.002 min
Lab File: VN069492.D
Acq: 15 Nov 2021 15:41



Tgt Ion:146 Resp: 37282
Ion Ratio Lower Upper
146 100
111 39.0 18.3 54.8
148 63.8 31.8 95.4





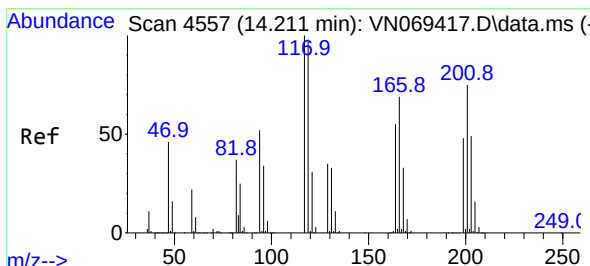
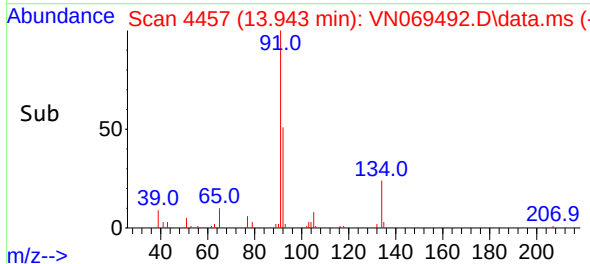
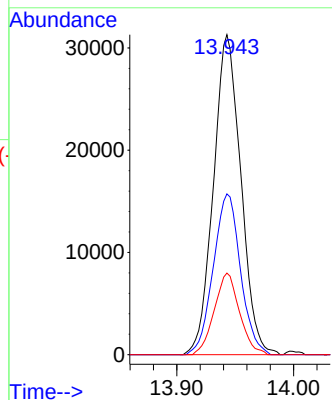
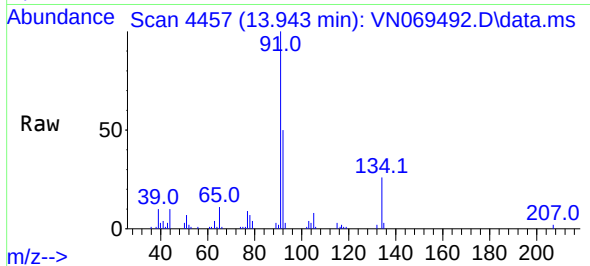
#89
n-Butylbenzene
Concen: 1.801 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. -0.000 min
Lab File: VN069492.D
Acq: 15 Nov 2021 15:41

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

Tgt Ion	Ratio	Lower	Upper
91	100		
92	50.0	25.4	76.0
134	23.5	13.6	40.8

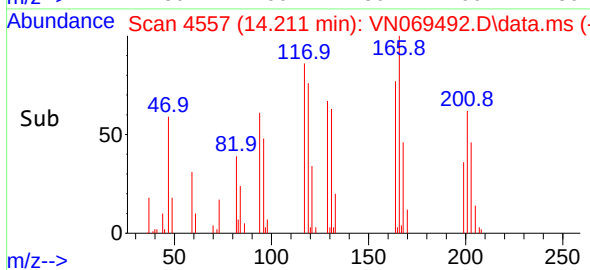
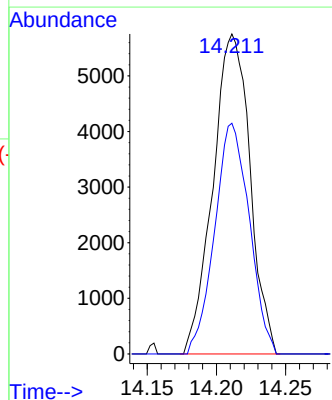
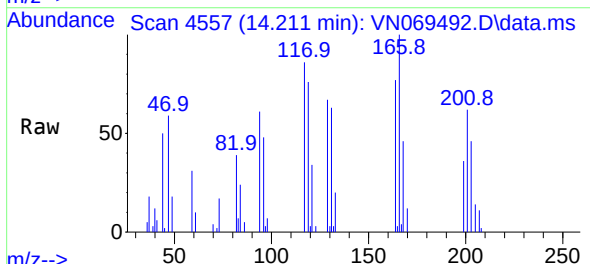
Manual Integrations
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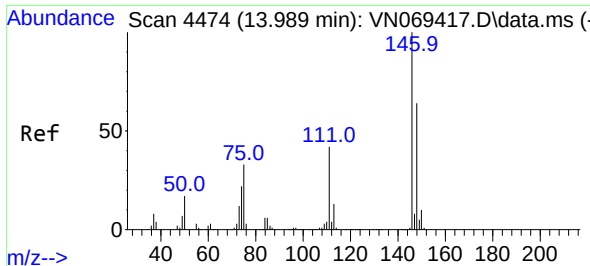
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021



#90
Hexachloroethane
Concen: 1.928 ug/l
RT: 14.211 min Scan# 4557
Delta R.T. 0.000 min
Lab File: VN069492.D
Acq: 15 Nov 2021 15:41

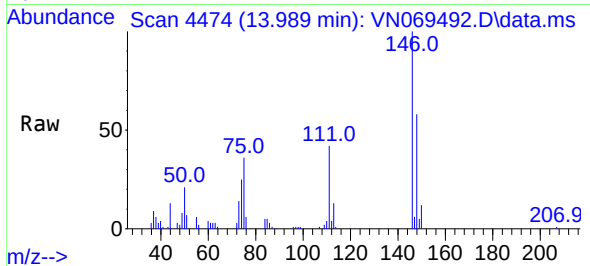
Tgt Ion	Ratio	Lower	Upper
117	100		
201	67.3	43.9	131.6





#91
1,2-Dichlorobenzene
Concen: 2.217 ug/l
RT: 13.989 min Scan# 4474
Delta R.T. -0.000 min
Lab File: VN069492.D
Acq: 15 Nov 2021 15:41

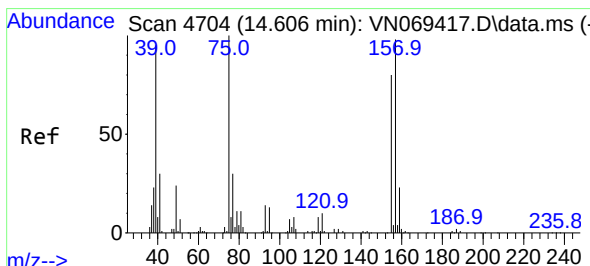
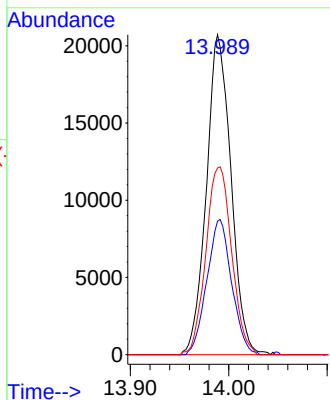
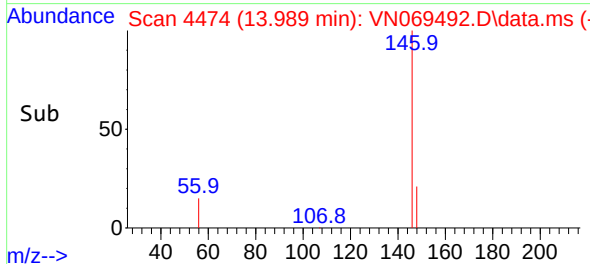
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



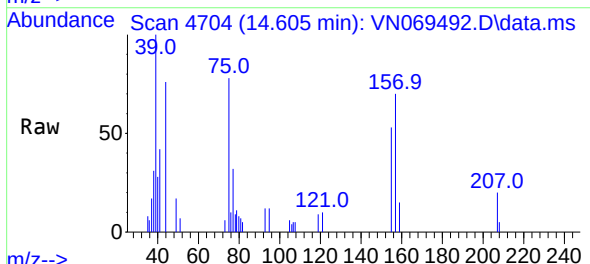
Tgt Ion:146 Resp: 36118
Ion Ratio Lower Upper
146 100
111 42.5 19.1 57.3
148 61.6 32.1 96.3

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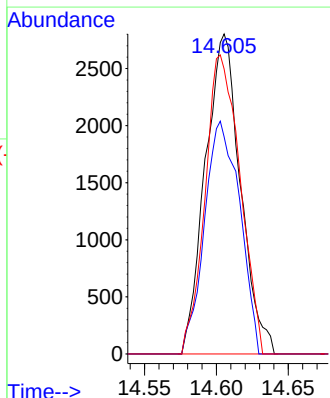
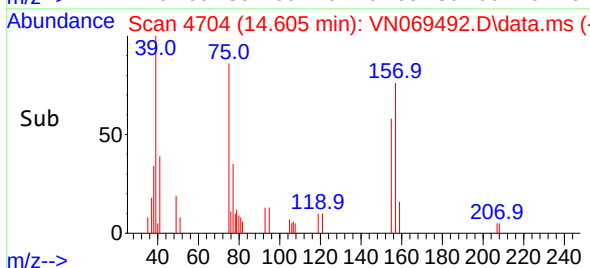
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021

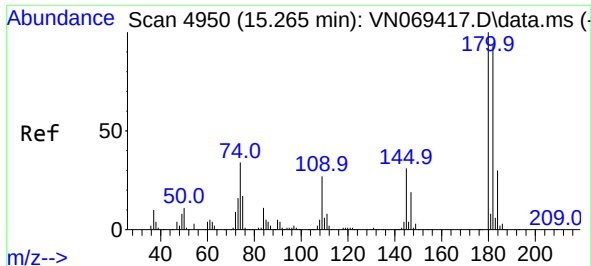


#92
1,2-Dibromo-3-Chloropropane
Concen: 2.022 ug/l
RT: 14.605 min Scan# 4704
Delta R.T. -0.001 min
Lab File: VN069492.D
Acq: 15 Nov 2021 15:41



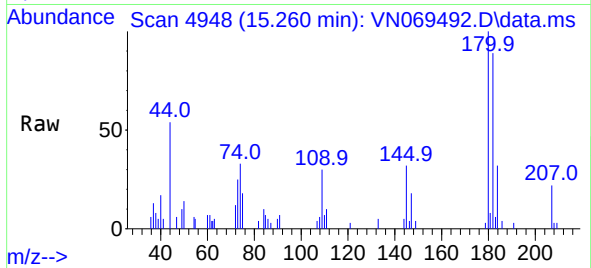
Tgt Ion: 75 Resp: 4758
Ion Ratio Lower Upper
75 100
155 73.0 46.9 140.7
157 92.8 60.6 181.7





#93
1,2,4-Trichlorobenzene
Concen: 1.551 ug/l
RT: 15.260 min Scan# 4950
Delta R.T. -0.005 min
Lab File: VN069492.D
Acq: 15 Nov 2021 15:41

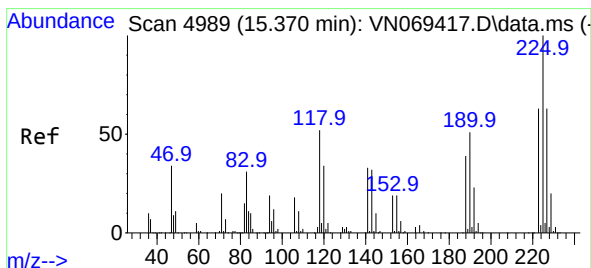
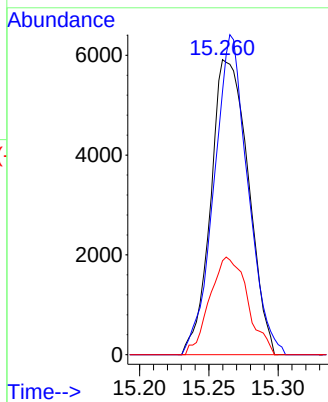
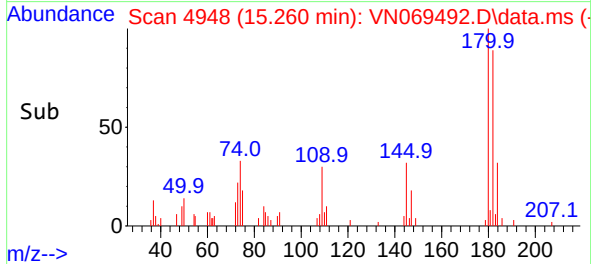
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT4-2021



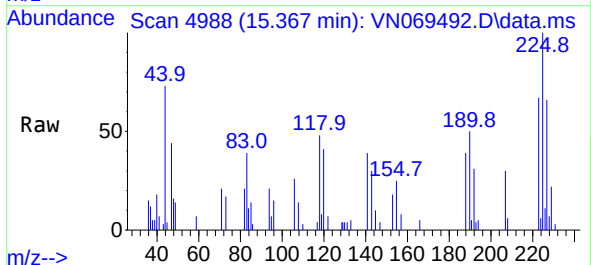
Tgt Ion:180 Resp: 1113
Ion Ratio Lower Upper
180 100
182 97.9 48.3 144.9
145 33.4 14.5 43.5

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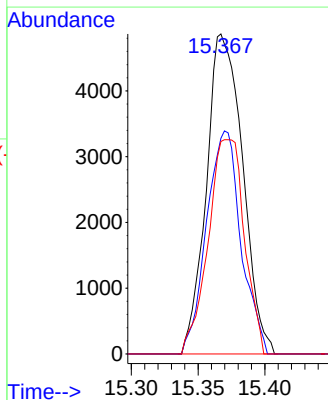
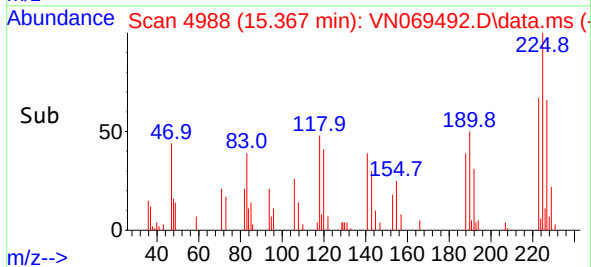
Reviewed By :John Carlone 11/16/2021
Supervised By :Mahesh Dadoda 11/18/2021

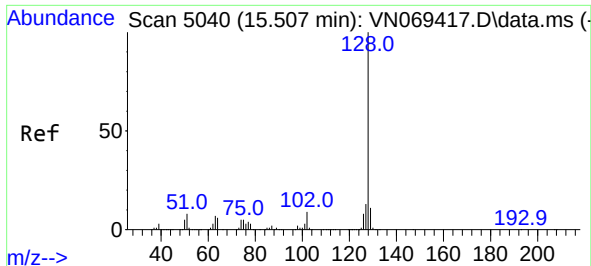


#94
Hexachlorobutadiene
Concen: 2.175 ug/l
RT: 15.367 min Scan# 4988
Delta R.T. -0.003 min
Lab File: VN069492.D
Acq: 15 Nov 2021 15:41



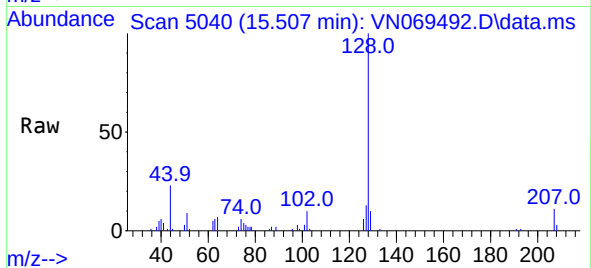
Tgt Ion:225 Resp: 9205
Ion Ratio Lower Upper
225 100
223 66.1 31.9 95.7
227 66.8 32.1 96.3





#95
Naphthalene
Concen: 1.477 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN069492.D
Acq: 15 Nov 2021 15:41

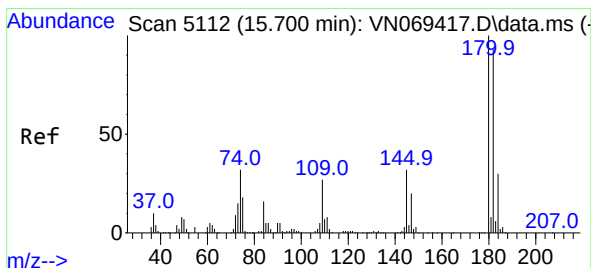
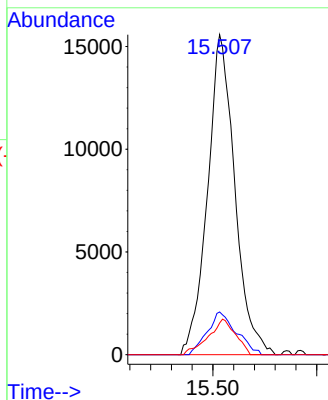
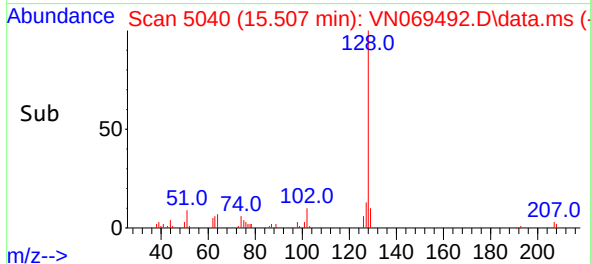
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2021



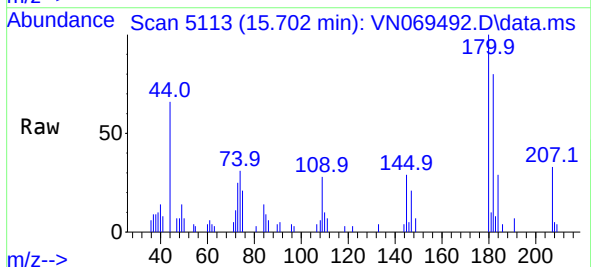
Tgt Ion:128 Resp: 28420
Ion Ratio Lower Upper
128 100
127 14.2 10.5 15.7
129 11.0 8.7 13.1

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 1.666 ug/l
RT: 15.702 min Scan# 5113
Delta R.T. 0.002 min
Lab File: VN069492.D
Acq: 15 Nov 2021 15:41



Tgt Ion:180 Resp: 11448
Ion Ratio Lower Upper
180 100
182 86.2 47.4 142.2
145 30.9 15.0 45.1

