

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071621\
 Data File : VN067779.D
 Acq On : 16 Jul 2021 17:47
 Operator : JC/MD
 Sample : M2940-07 .2PPB LOD
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2021

Manual Integrations
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 7/19/2021 5:54:00 PM

Quant Time: Jul 17 06:33:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070721W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 17 06:07:12 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	358614	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	654984	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	608248	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	228823	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	290463	53.593	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 107.180%			
35) Dibromofluoromethane	8.024	113	205587	51.952	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 103.900%			
50) Toluene-d8	10.443	98	812041	49.024	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 98.040%			
62) 4-Bromofluorobenzene	12.733	95	268797	45.938	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 91.880%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	646	0.212	ug/l	96
3) Chloromethane	2.301	50	1476	0.306	ug/l #	85
4) Vinyl Chloride	2.443	62	1567	0.215	ug/l	96
5) Bromomethane	2.858	94	3317m	0.552	ug/l	
6) Chloroethane	3.019	64	1329	0.246	ug/l #	55
8) Diethyl Ether	3.819	74	883m	0.304	ug/l	
10) Methyl Iodide	4.433	142	1074m	0.271	ug/l	
11) Tert butyl alcohol	5.393	59	867m	1.113	ug/l	
13) Acrolein	4.041	56	835m	1.996	ug/l	
14) Allyl chloride	4.843	41	1687m	0.288	ug/l	
15) Acrylonitrile	5.573	53	1790m	0.927	ug/l	
16) Acetone	4.296	43	3647m	2.139	ug/l	
17) Carbon Disulfide	4.516	76	2251m	0.255	ug/l	
18) Methyl Acetate	4.878	43	1465m	0.306	ug/l	
20) Methylene Chloride	5.103	84	5022m	1.114	ug/l	
23) Vinyl Acetate	6.442	43	8420m	0.740	ug/l	
25) 2-Butanone	7.348	43	4943	1.746	ug/l #	81
26) 2,2-Dichloropropane	7.327	77	3439	0.531	ug/l #	57
29) Tetrahydrofuran	7.705	42	1712	0.919	ug/l #	76
30) Chloroform	7.815	83	1741	0.209	ug/l	88
31) Cyclohexane	8.086	56	10719	1.411	ug/l #	25
36) 1,1-Dichloropropene	8.217	75	1562m	0.257	ug/l	
37) Ethyl Acetate	7.429	43	1333m	0.226	ug/l	
42) 1,2-Dichloroethane	8.533	62	1828	0.270	ug/l	87
48) Methyl methacrylate	9.558	41	1176m	0.256	ug/l	
49) 1,4-Dioxane	9.577	88	225	2.831	ug/l #	31
51) 4-Methyl-2-Pentanone	10.333	43	5995	0.941	ug/l	97
52) Toluene	10.507	92	2471	0.207	ug/l	97
56) Ethyl methacrylate	10.762	69	1422	0.202	ug/l	87
58) 2-Chloroethyl Vinyl ether	10.046	63	934	0.640	ug/l #	71
59) 2-Hexanone	11.089	43	4839	1.088	ug/l	93
68) m/p-Xylenes	11.958	106	2725m	0.317	ug/l	
73) Isopropylbenzene	12.586	105	4098	0.222	ug/l	96
74) N-amyl acetate	12.398	43	2331m	0.348	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.827	83	1798	0.336	ug/l	84
76) 1,2,3-Trichloropropane	12.884	75	1071m	0.229	ug/l	

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 Response via : Initial Calibration

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

77) Bromobenzene	12.868	156	831	0.203	ug/l	53
78) n-propylbenzene	12.921	91	5140	0.246	ug/l	96
80) 1,3,5-Trimethylbenzene	13.063	105	3400	0.227	ug/l	89
82) 4-Chlorotoluene	13.114	91	2945	0.236	ug/l	83
83) tert-Butylbenzene	13.329	119	2571	0.202	ug/l	93
84) 1,2,4-Trimethylbenzene	13.372	105	3839	0.262	ug/l	95
85) sec-Butylbenzene	13.498	105	3767	0.213	ug/l	97
86) p-Isopropyltoluene	13.618	119	3743	0.263	ug/l #	74
87) 1,3-Dichlorobenzene	13.621	146	1752	0.231	ug/l	87
88) 1,4-Dichlorobenzene	13.699	146	2399m	0.309	ug/l	
89) n-Butylbenzene	13.938	91	4079m	0.334	ug/l	
90) Hexachloroethane	14.211	117	779m	0.329	ug/l	
91) 1,2-Dichlorobenzene	13.994	146	1928	0.263	ug/l	96
93) 1,2,4-Trichlorobenzene	15.263	180	1410	0.448	ug/l #	84
95) Naphthalene	15.509	128	9187	1.035	ug/l #	79
96) 1,2,3-Trichlorobenzene	15.700	180	1674	0.550	ug/l	95

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

Manual Integrations
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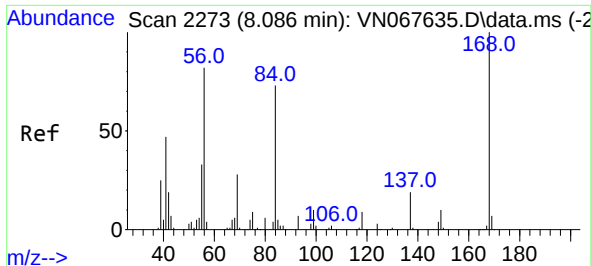
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Abundance

TIC: VN067779.D\data.ms

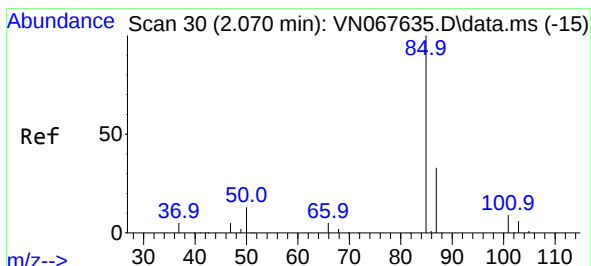
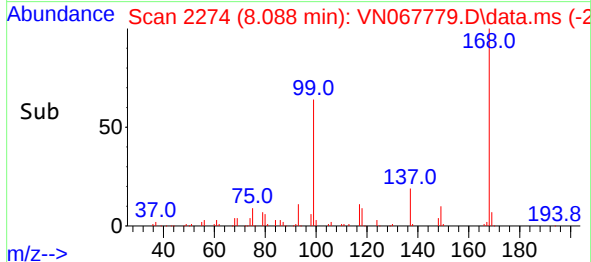
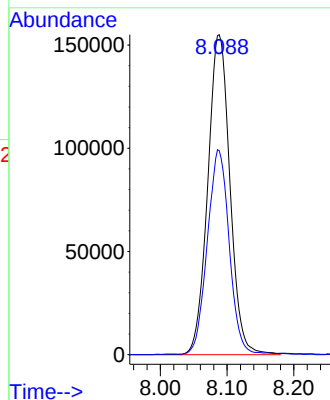
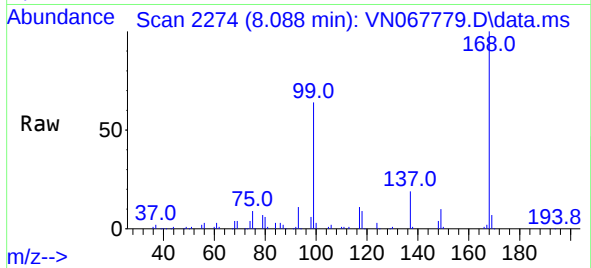
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Chlorodifluoromethane, T
Chloromethane, P
Vinyl Chloride, C
Bromomethane, T
Chloroethane, T
Diethyl Ether, T
Acrolein, T
Acetone, T
Methyl isocyanide, T
Methyl isocyanide, T
Methylene Chloride, T
Tert butyl alcohol, T
Acrylonitrile, T
Vinyl Acetate, T
2,2-Dichloropropane, T
Ethyl Acetate, T
Tetrahydrofuran, T
Chloroform, C
1,1-Dichloropropene, T
1,2-Dichloroethane, TM
1,2-Dichloroethane-d4, S
1,4-Difluorobenzene, I
Methyl methacrylate, T
2-Chloroethyl Vinyl ether, T
4-Methyl-2-Pentanone, T
Toluene, CM
Ethyl methacrylate, T
2-Hexanone, T
Chlorobenzene-d5, I
m/p-Xylenes, T
N-amyl acetate, T
Isopropylbenzene, T
1,2-Dichloroethane, P
1,2-Dichloroethane, T
4-Chlorobenzene, T
4-Chlorobenzene, T
tert-Butylbenzene, T
p-Toluenesulfonic acid, T
p-Toluenesulfonic acid, T
1,4-Dichlorobenzene, T
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1,2,4-Trichlorobenzene, T
Naphthalene, T
1,2,3-Trichlorobenzene, T



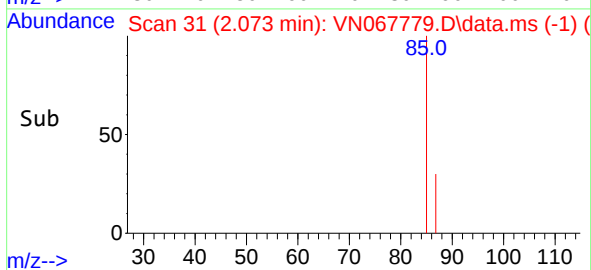
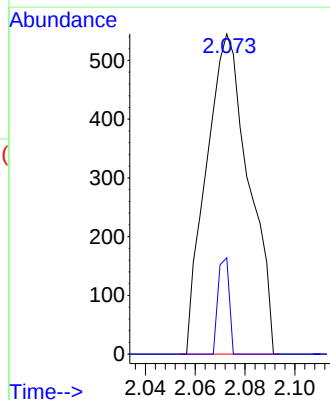
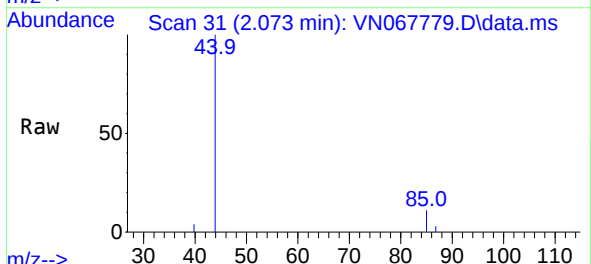
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN067779.D
Acq: 16 Jul 2021 17:47

Tgt Ion: 168 Resp: 358614
Ion Ratio Lower Upper
168 100
99 63.6 62.9 94.3



#2
Dichlorodifluoromethane
Concen: 0.212 ug/l
RT: 2.073 min Scan# 31
Delta R.T. 0.003 min
Lab File: VN067779.D
Acq: 16 Jul 2021 17:47

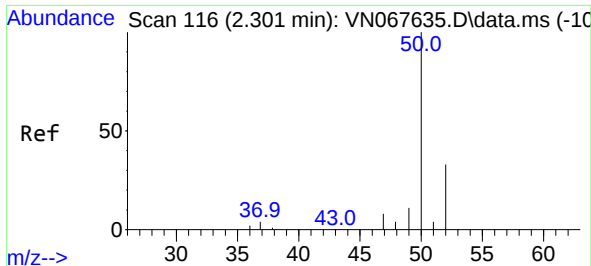
Tgt Ion: 85 Resp: 646
Ion Ratio Lower Upper
85 100
87 30.1 16.1 48.2



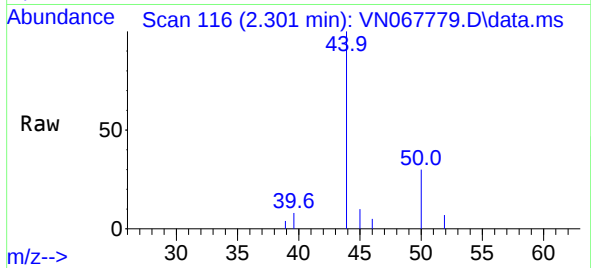
Instrument :
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ClientSampleId :
LOD-MDL-WATER-01-QT3-2021

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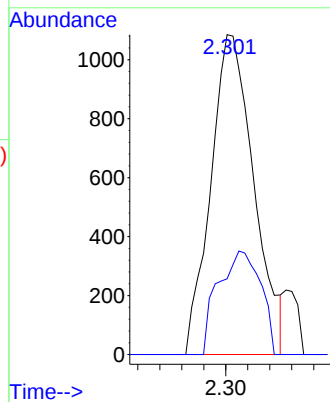
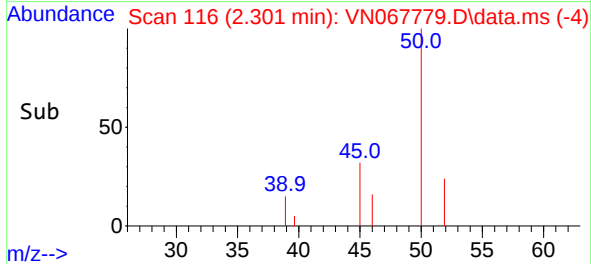
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#3
Chloromethane
Concen: 0.306 ug/l
RT: 2.301 min Scan# 116
Delta R.T. -0.000 min
Lab File: VN067779.D
Acq: 16 Jul 2021 17:47



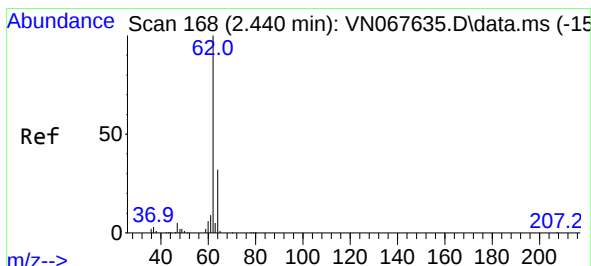
Tgt Ion: 50 Resp: 1476
Ion Ratio Lower Upper
50 100
52 23.7 25.6 38.4#



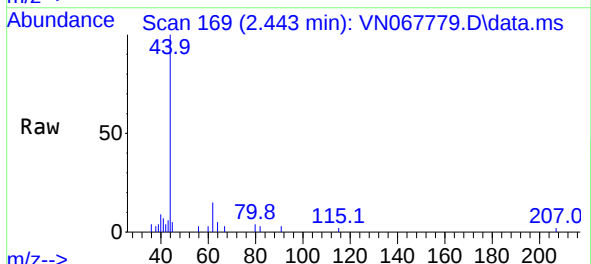
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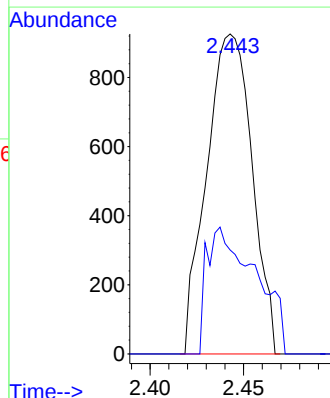
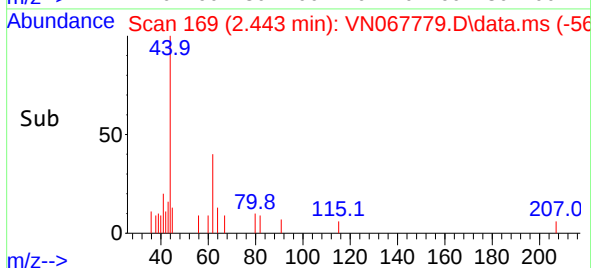
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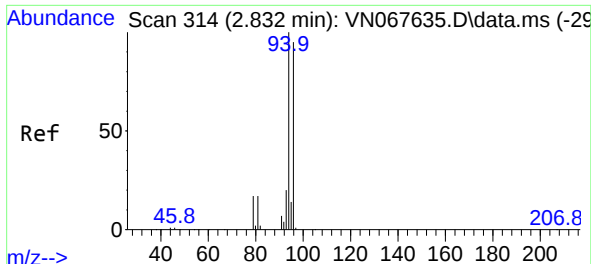


#4
Vinyl Chloride
Concen: 0.215 ug/l
RT: 2.443 min Scan# 169
Delta R.T. 0.003 min
Lab File: VN067779.D
Acq: 16 Jul 2021 17:47



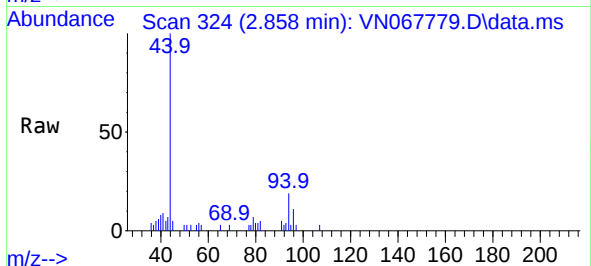
Tgt Ion: 62 Resp: 1567
Ion Ratio Lower Upper
62 100
64 32.5 24.4 36.6





#5
Bromomethane
Concen: 0.552 ug/l m
RT: 2.858 min Scan# 324
Delta R.T. 0.026 min
Lab File: VN067779.D
Acq: 16 Jul 2021 17:47

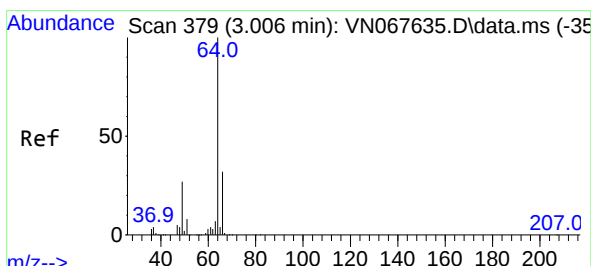
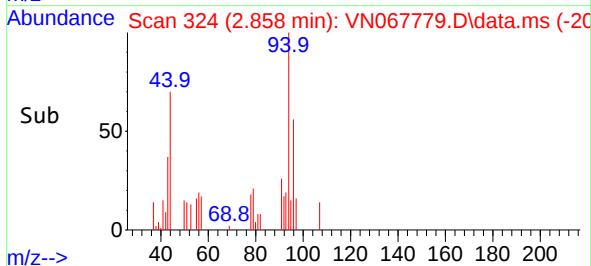
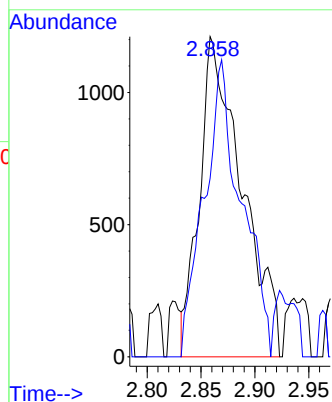
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021



Tgt Ion: 94 Resp: 3317
Ion Ratio Lower Upper
94 100
96 55.7 73.7 110.5#

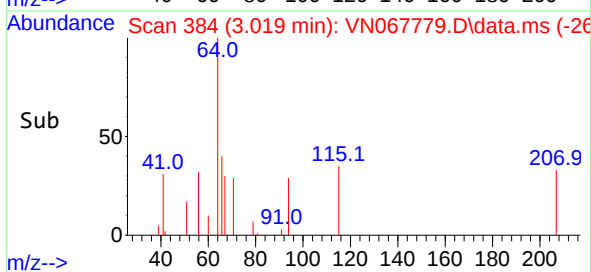
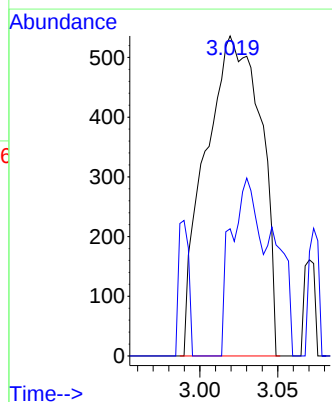
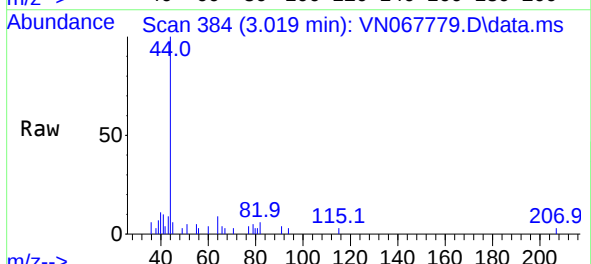
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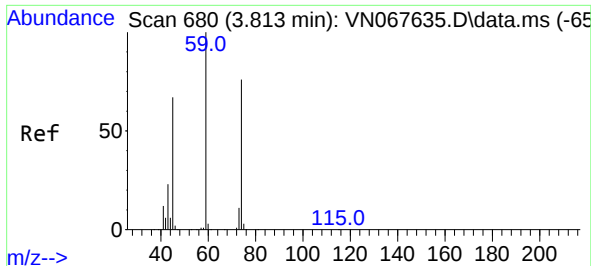
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#6
Chloroethane
Concen: 0.246 ug/l
RT: 3.019 min Scan# 384
Delta R.T. 0.013 min
Lab File: VN067779.D
Acq: 16 Jul 2021 17:47

Tgt Ion: 64 Resp: 1329
Ion Ratio Lower Upper
64 100
66 6.3 24.7 37.1#





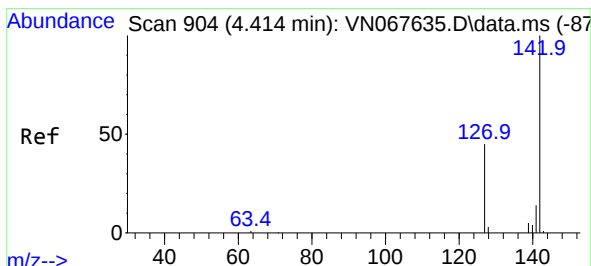
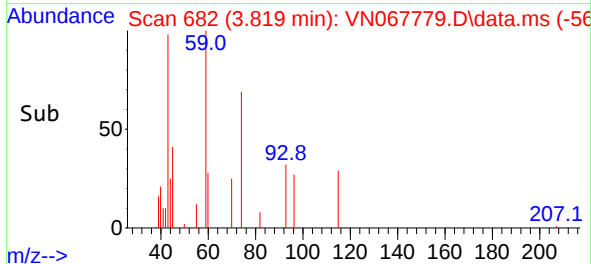
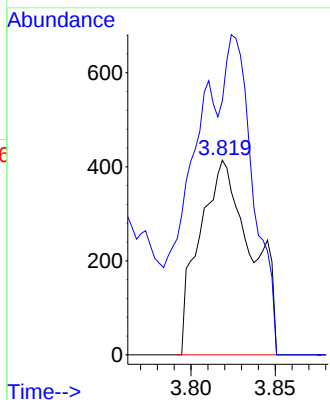
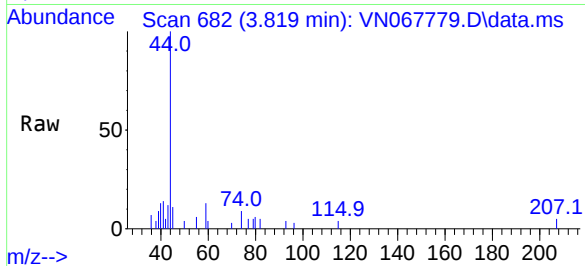
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Diethyl Ether
Concen: 0.304 ug/l m
RT: 3.819 min Scan# 682
Delta R.T. 0.006 min
Lab File: VN067779.D
Acq: 16 Jul 2021 17:47

Tgt Ion: 74 Resp: 883
Ion Ratio Lower Upper
74 100
45 87.9 50.2 150.7

Instrument :
MSVOA_N
ClientSampleId :
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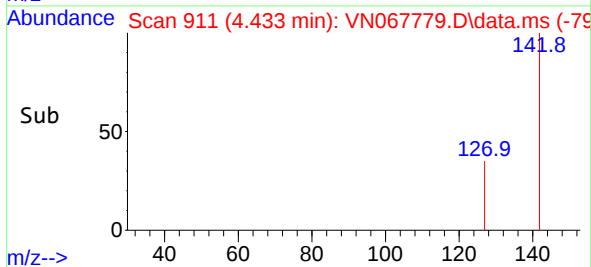
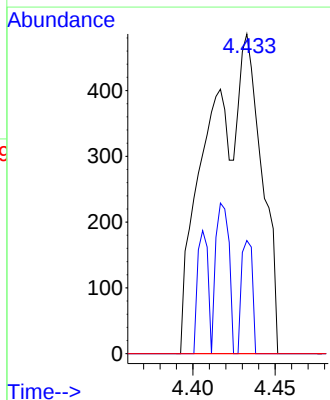
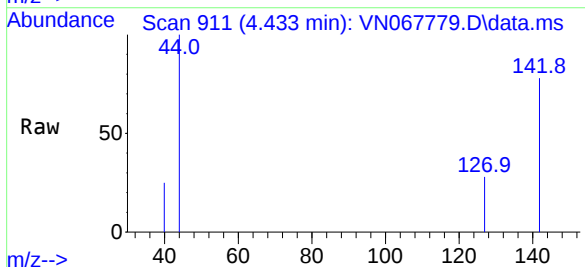
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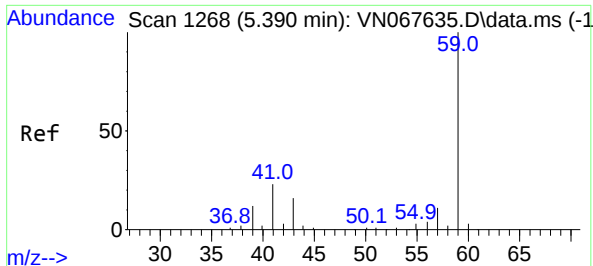
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#10
Methyl Iodide
Concen: 0.271 ug/l m
RT: 4.433 min Scan# 911
Delta R.T. 0.019 min
Lab File: VN067779.D
Acq: 16 Jul 2021 17:47

Tgt Ion: 142 Resp: 1074
Ion Ratio Lower Upper
142 100
127 11.9 43.1 64.7#
141 0.0 11.4 17.0#





#11

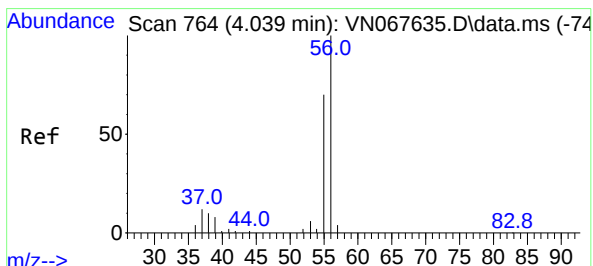
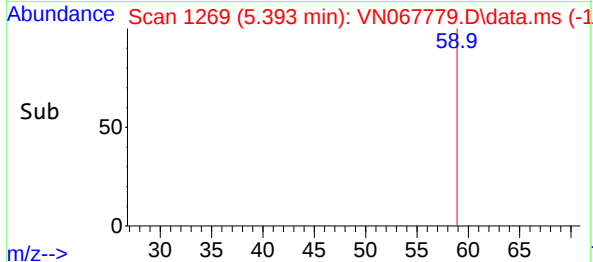
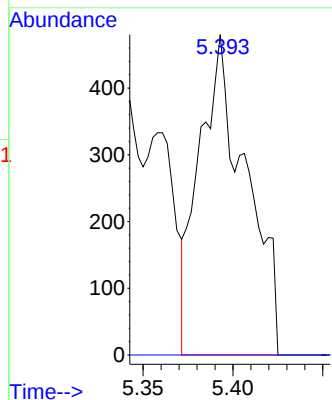
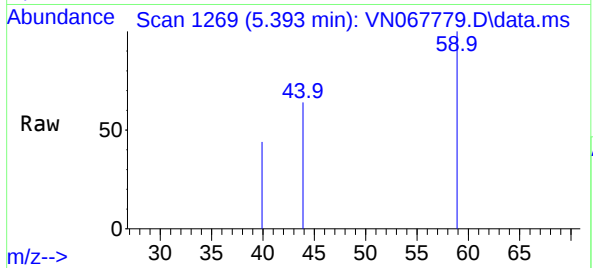
Tert butyl alcohol
Concen: 1.113 ug/l m
RT: 5.393 min Scan# 1269
Delta R.T. 0.003 min
Lab File: VN067779.D
Acq: 16 Jul 2021 17:47

Tgt Ion: 59 Resp: 867
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021

Manual Integrations
APPROVED

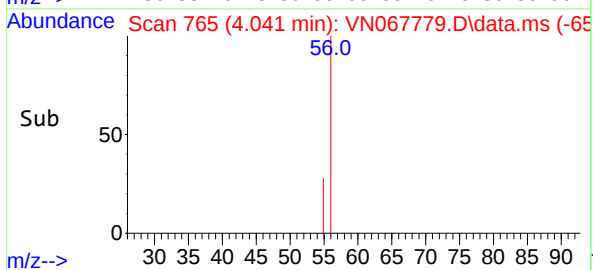
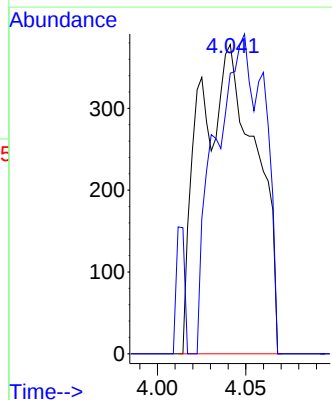
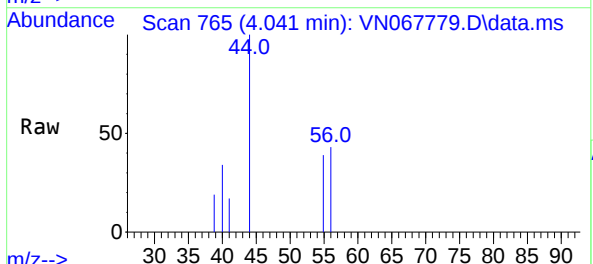
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7/19/2021 5:54:00 PM

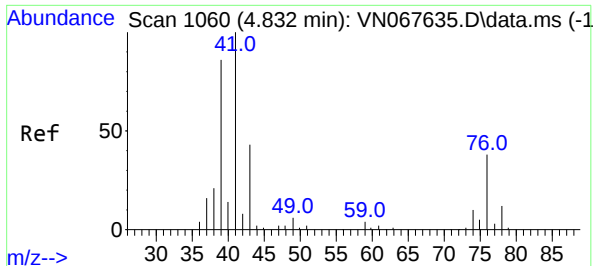


#13

Acrolein
Concen: 1.996 ug/l m
RT: 4.041 min Scan# 765
Delta R.T. 0.002 min
Lab File: VN067779.D
Acq: 16 Jul 2021 17:47

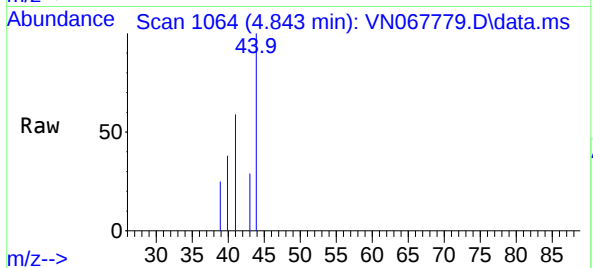
Tgt Ion: 56 Resp: 835
Ion Ratio Lower Upper
56 100
55 68.4 57.4 86.0





#14
Allyl chloride
Concen: 0.288 ug/l m
RT: 4.843 min Scan# 1064
Delta R.T. 0.011 min
Lab File: VN067779.D
Acq: 16 Jul 2021 17:47

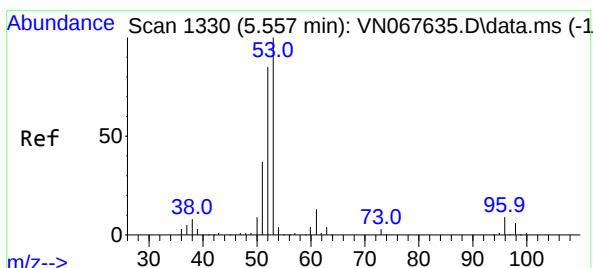
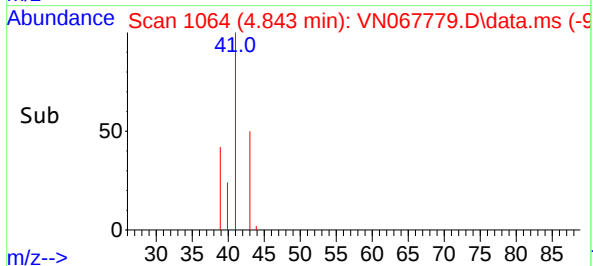
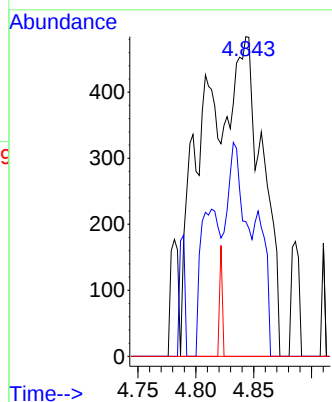
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021



Tgt Ion:	41	Resp:	1687
Ion	Ratio	Lower	Upper
41	100		
39	9.0	60.9	91.3#
76	0.0	24.3	36.5#

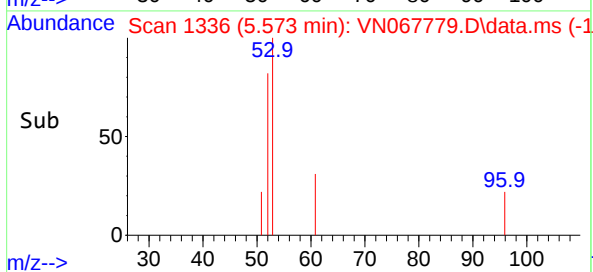
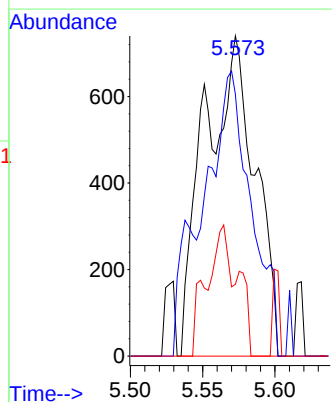
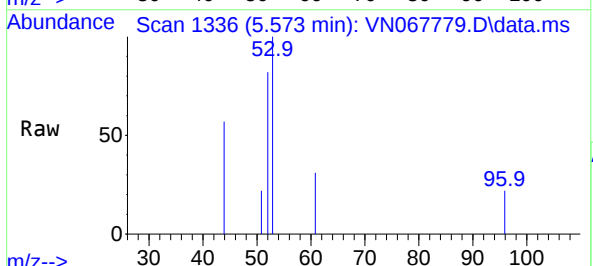
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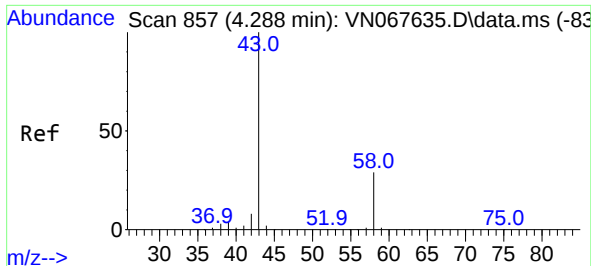
MMDadoda
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#15
Acrylonitrile
Concen: 0.927 ug/l m
RT: 5.573 min Scan# 1336
Delta R.T. 0.016 min
Lab File: VN067779.D
Acq: 16 Jul 2021 17:47

Tgt Ion:	53	Resp:	1790
Ion	Ratio	Lower	Upper
53	100		
52	0.0	66.2	99.2#
51	5.9	30.2	45.4#





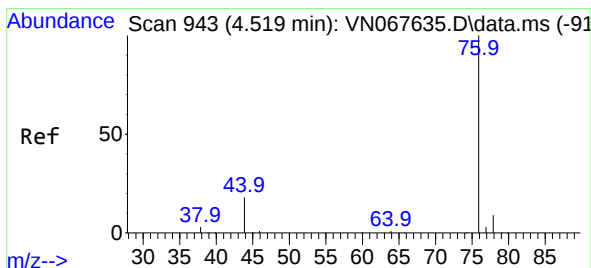
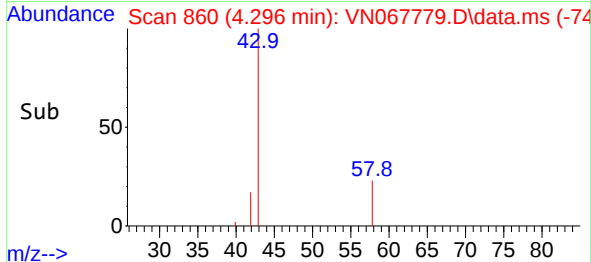
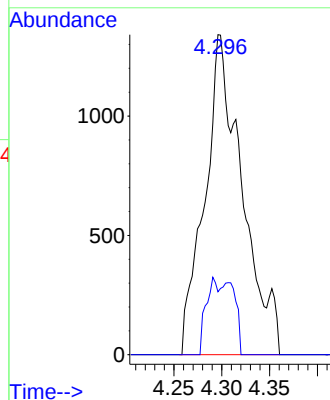
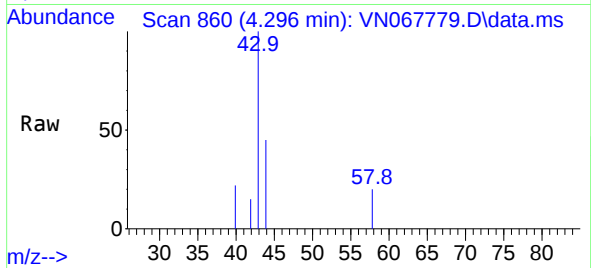
#16
Acetone
Concen: 2.139 ug/l m
RT: 4.296 min Scan# 860
Delta R.T. 0.008 min
Lab File: VN067779.D
Acq: 16 Jul 2021 17:47

Tgt Ion: 43 Resp: 3647
Ion Ratio Lower Upper
43 100
58 19.7 21.2 31.8#

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021

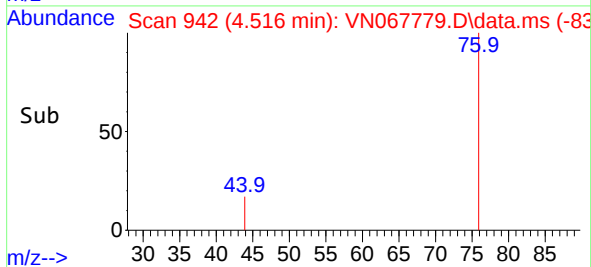
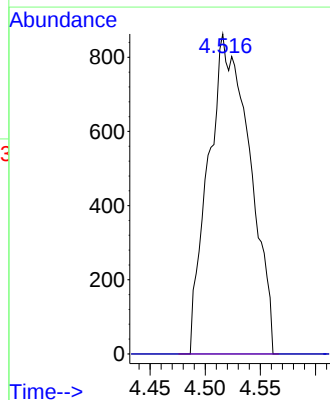
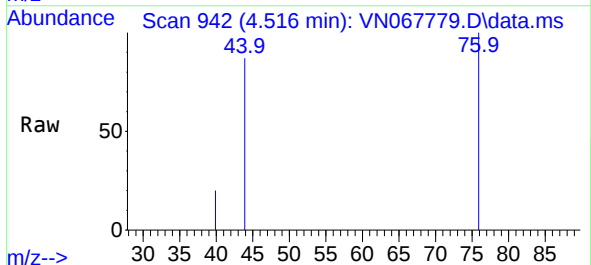
Manual Integrations
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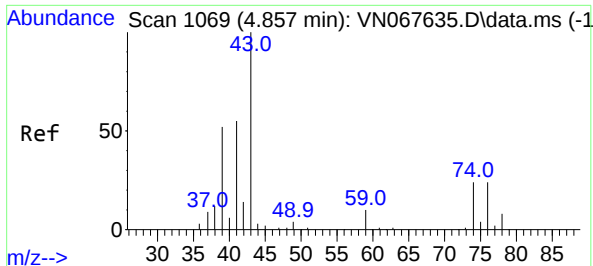
MMDadoda
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#17
Carbon Disulfide
Concen: 0.255 ug/l m
RT: 4.516 min Scan# 942
Delta R.T. -0.003 min
Lab File: VN067779.D
Acq: 16 Jul 2021 17:47

Tgt Ion: 76 Resp: 2251
Ion Ratio Lower Upper
76 100
78 0.0 7.7 11.5#





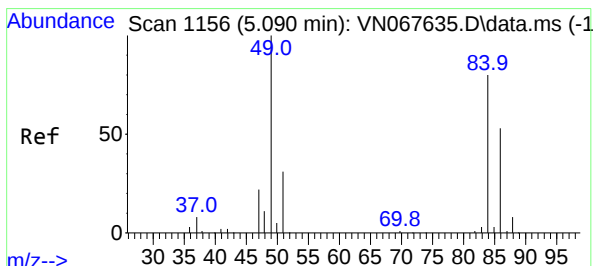
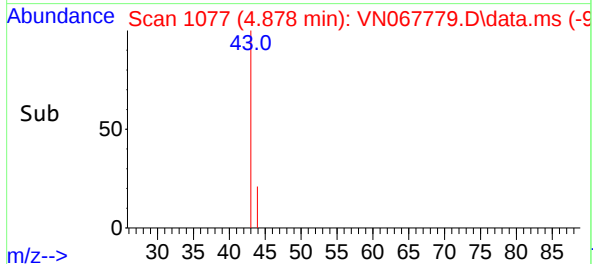
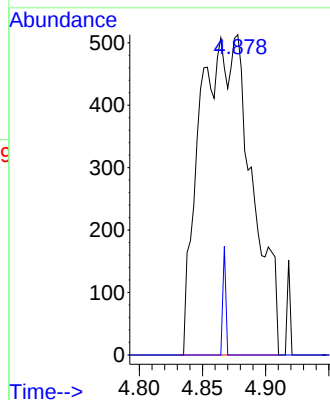
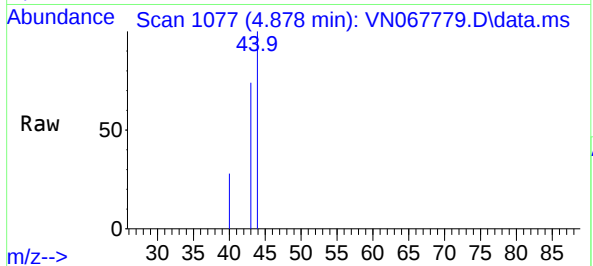
#18
Methyl Acetate
Concen: 0.306 ug/l m
RT: 4.878 min Scan# 1077
Delta R.T. 0.021 min
Lab File: VN067779.D
Acq: 16 Jul 2021 17:47

Tgt Ion: 43 Resp: 1465
Ion Ratio Lower Upper
43 100
74 1.9 17.4 26.0#

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021

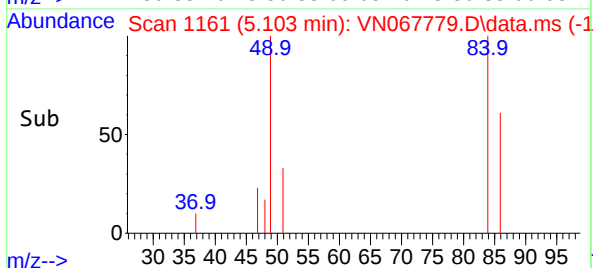
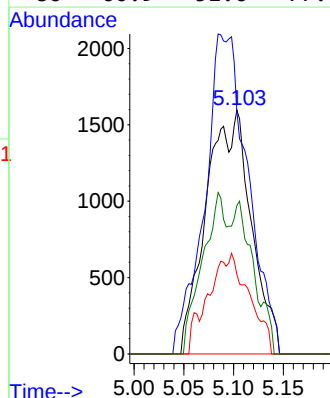
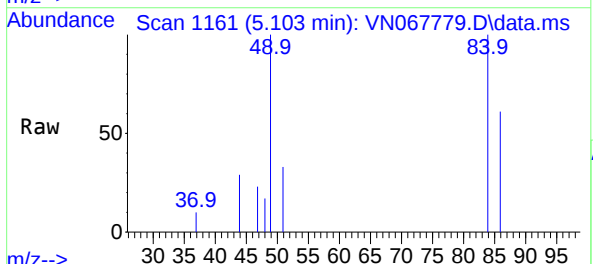
Manual Integrations
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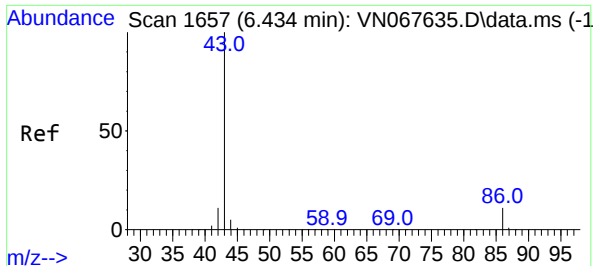
MMDadoda
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#20
Methylene Chloride
Concen: 1.114 ug/l m
RT: 5.103 min Scan# 1161
Delta R.T. 0.013 min
Lab File: VN067779.D
Acq: 16 Jul 2021 17:47

Tgt Ion: 84 Resp: 5022
Ion Ratio Lower Upper
84 100
49 99.8 110.9 166.3#
51 32.7 32.6 49.0
86 60.9 51.6 77.4





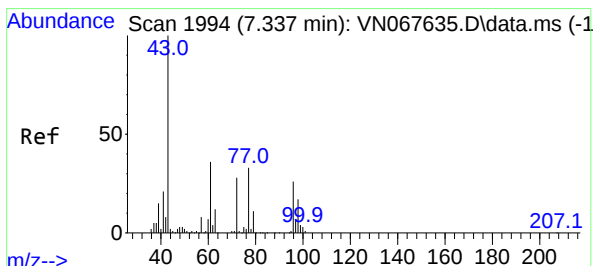
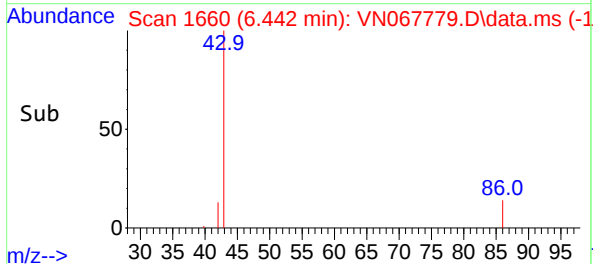
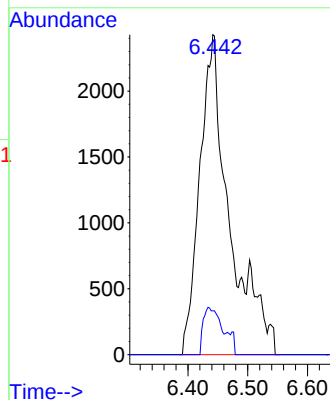
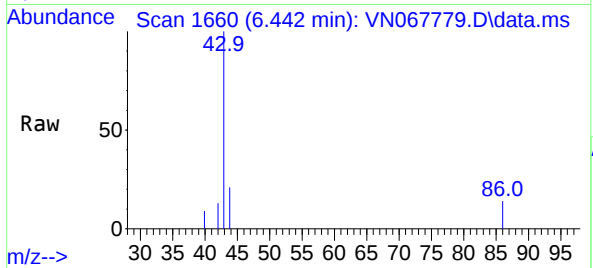
#23
 Vinyl Acetate
 Concen: 0.740 ug/l m
 RT: 6.442 min Scan# 1660
 Delta R.T. 0.008 min
 Lab File: VN067779.D
 Acq: 16 Jul 2021 17:47

Tgt Ion: 43 Resp: 8420
 Ion Ratio Lower Upper
 43 100
 86 13.7 7.3 10.9#

Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2021

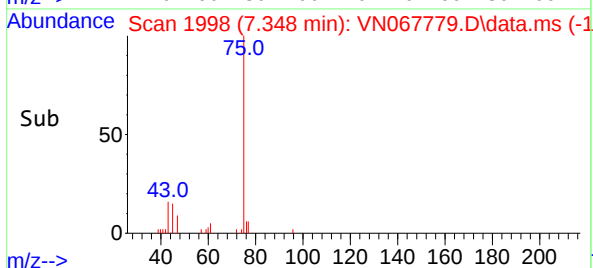
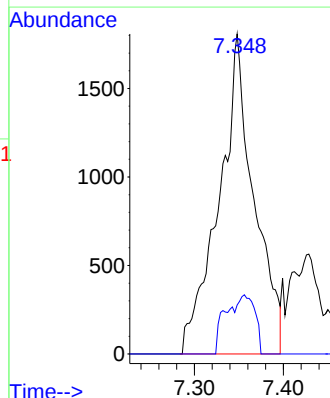
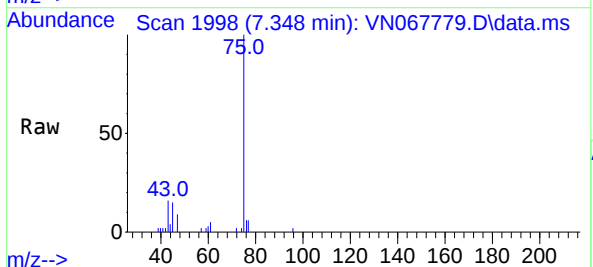
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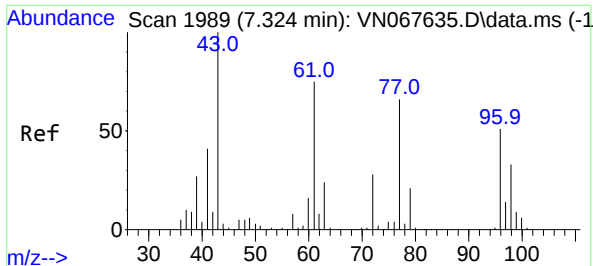
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#25
 2-Butanone
 Concen: 1.746 ug/l
 RT: 7.348 min Scan# 1998
 Delta R.T. 0.011 min
 Lab File: VN067779.D
 Acq: 16 Jul 2021 17:47

Tgt Ion: 43 Resp: 4943
 Ion Ratio Lower Upper
 43 100
 72 15.3 19.7 29.5#





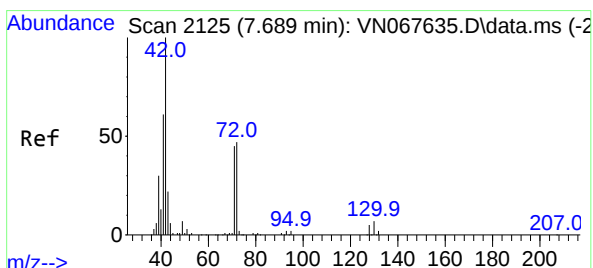
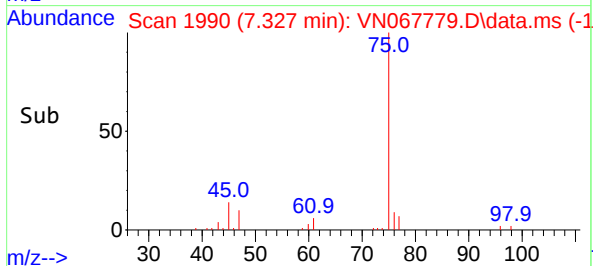
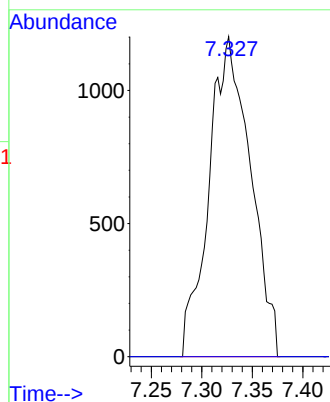
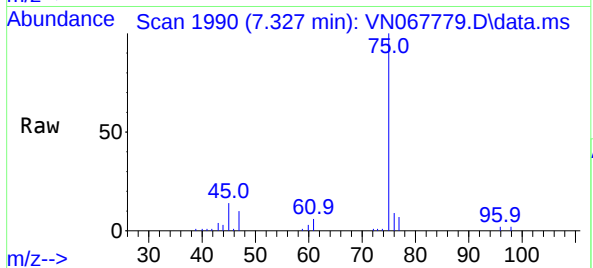
#26
2,2-Dichloropropane
Concen: 0.531 ug/l
RT: 7.327 min Scan# 1990
Delta R.T. 0.003 min
Lab File: VN067779.D
Acq: 16 Jul 2021 17:47

Tgt Ion: 77 Resp: 3439
Ion Ratio Lower Upper
77 100
97 0.0 9.8 29.3#

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021

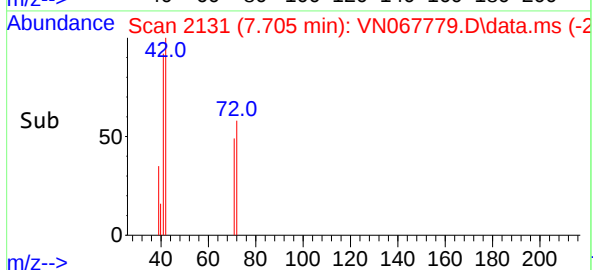
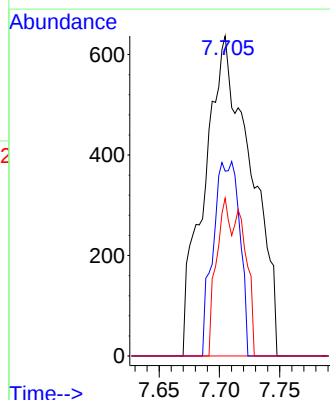
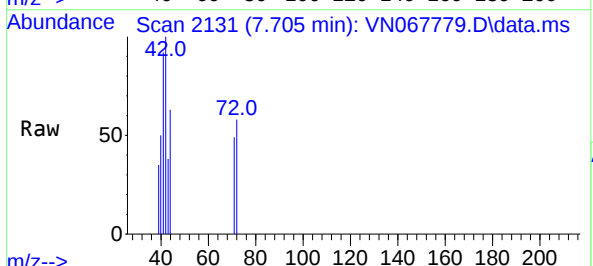
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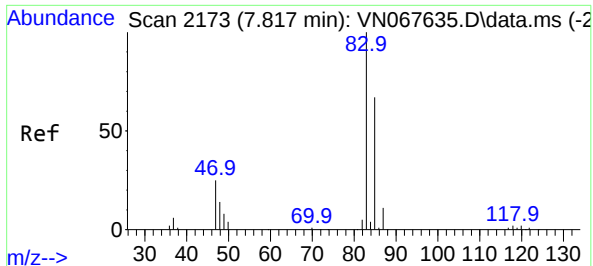
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#29
Tetrahydrofuran
Concen: 0.919 ug/l
RT: 7.705 min Scan# 2131
Delta R.T. 0.016 min
Lab File: VN067779.D
Acq: 16 Jul 2021 17:47

Tgt Ion: 42 Resp: 1712
Ion Ratio Lower Upper
42 100
72 34.5 32.8 49.2
71 15.6 31.2 46.8#





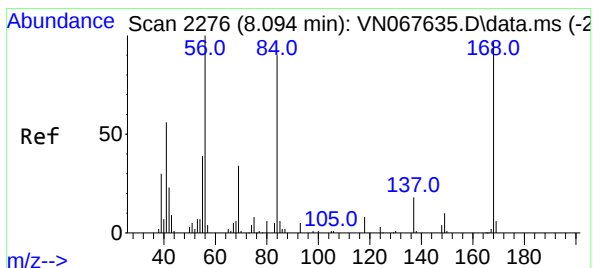
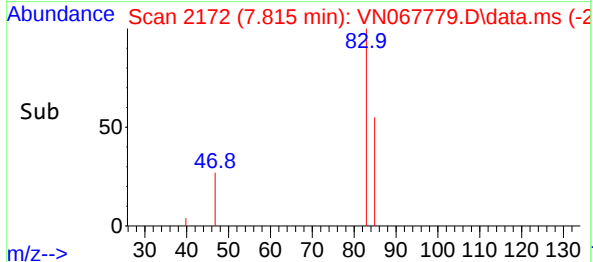
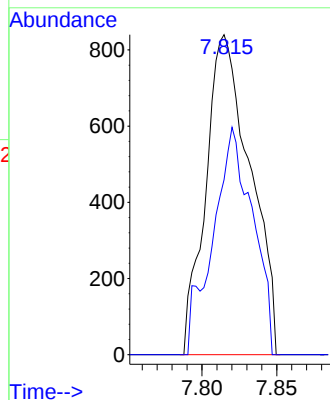
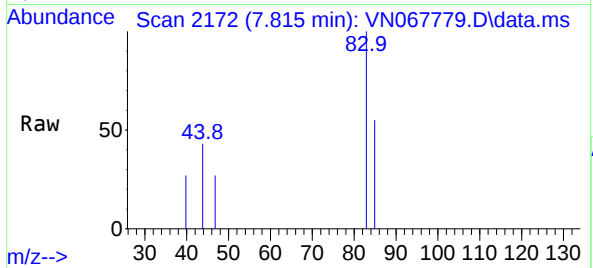
#30
Chloroform
Concen: 0.209 ug/l
RT: 7.815 min Scan# 2172
Delta R.T. -0.002 min
Lab File: VN067779.D
Acq: 16 Jul 2021 17:47

Tgt Ion: 83 Resp: 1741
Ion Ratio Lower Upper
83 100
85 54.6 51.5 77.3

Instrument :
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ClientSampleId :
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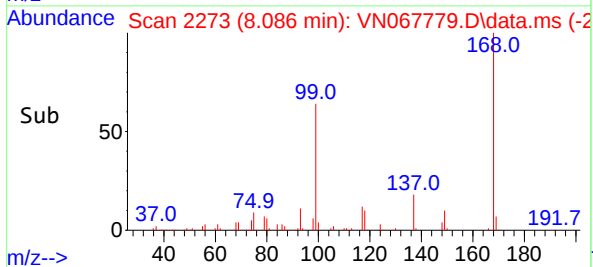
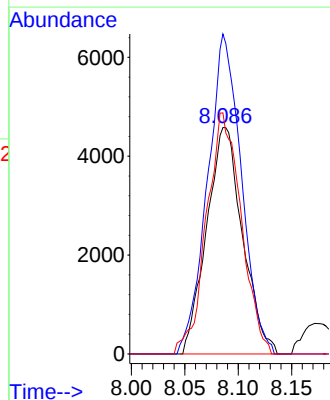
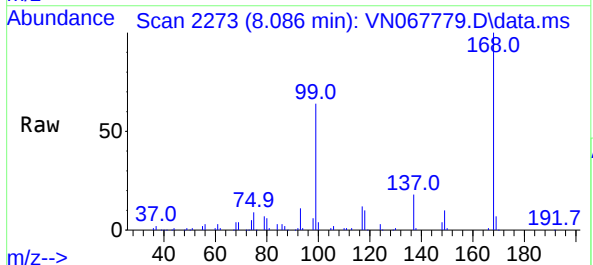
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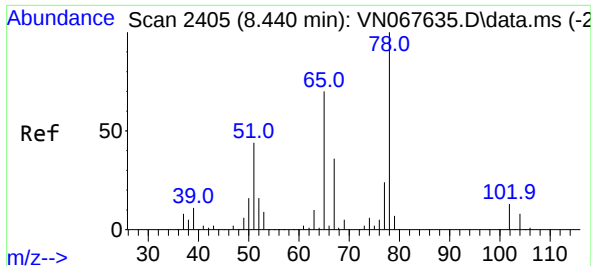
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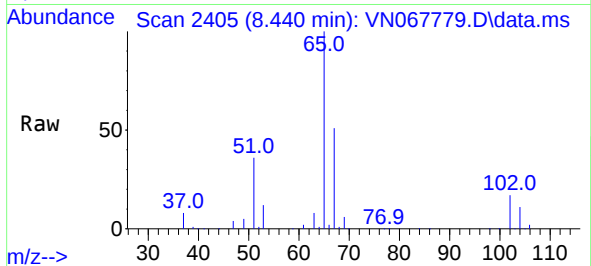
#31
Cyclohexane
Concen: 1.411 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.008 min
Lab File: VN067779.D
Acq: 16 Jul 2021 17:47

Tgt Ion: 56 Resp: 10719
Ion Ratio Lower Upper
56 100
69 141.3 27.3 40.9#
84 106.5 64.9 97.3#

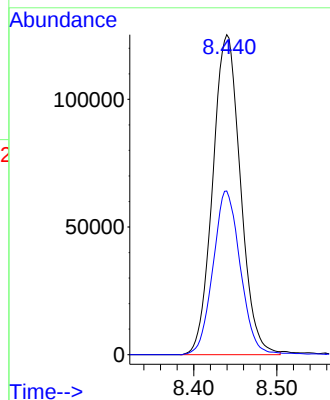
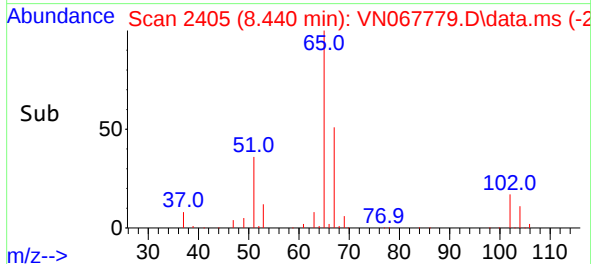




#33
1,2-Dichloroethane-d4
Concen: 53.593 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN067779.D
Acq: 16 Jul 2021 17:47



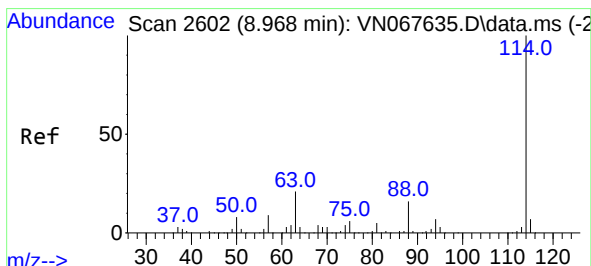
Tgt Ion: 65 Resp: 290463
Ion Ratio Lower Upper
65 100
67 50.6 0.0 98.6



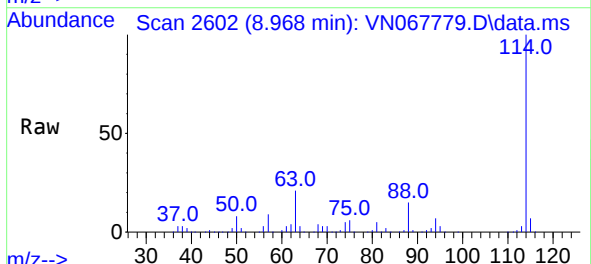
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021

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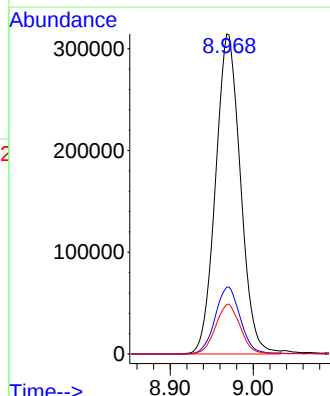
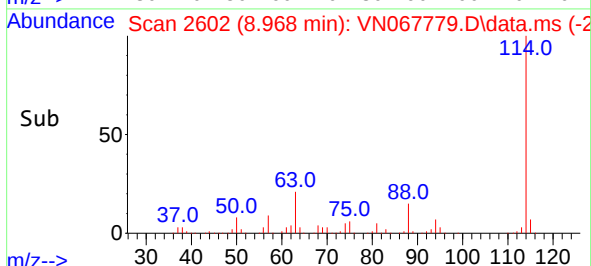
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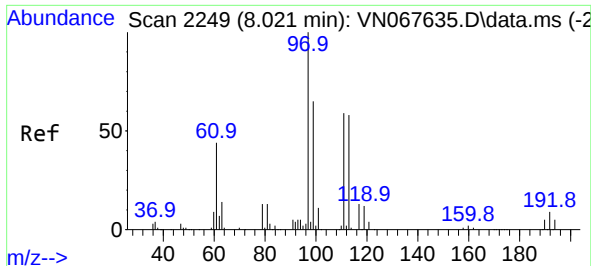


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. -0.000 min
Lab File: VN067779.D
Acq: 16 Jul 2021 17:47

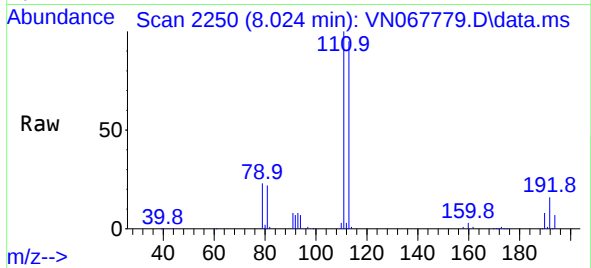


Tgt Ion: 114 Resp: 654984
Ion Ratio Lower Upper
114 100
63 20.8 0.0 49.0
88 15.4 0.0 36.6

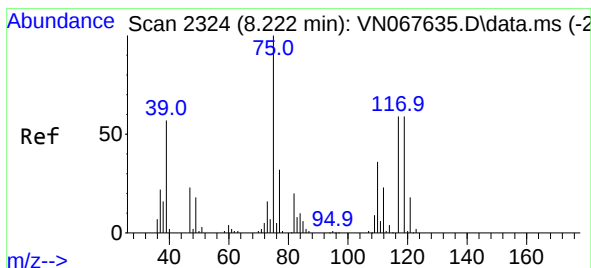
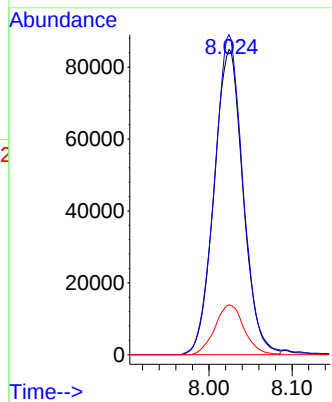
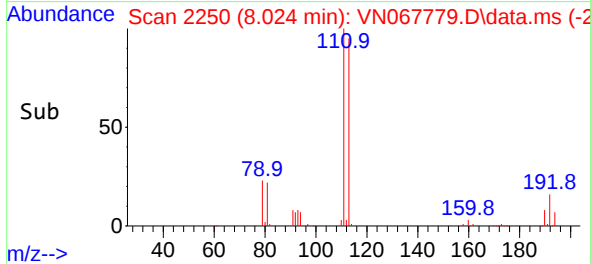




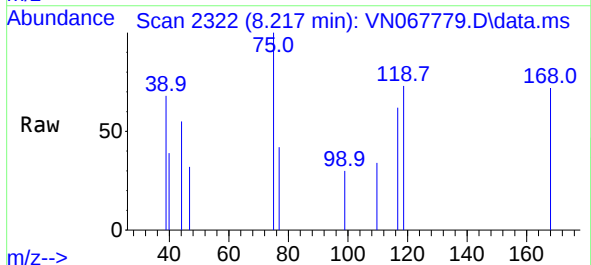
#35
Dibromofluoromethane
Concen: 51.952 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN067779.D
Acq: 16 Jul 2021 17:47



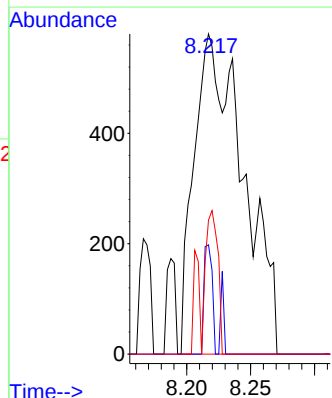
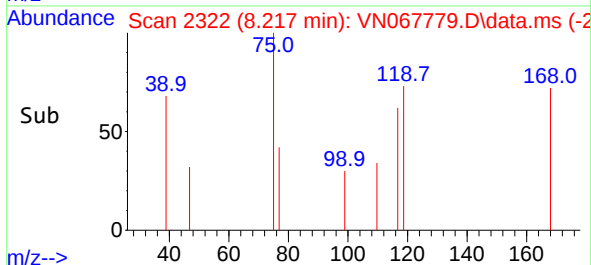
Tgt Ion: 113 Resp: 205587
Ion Ratio Lower Upper
113 100
111 104.1 83.8 125.8
192 16.5 13.4 20.0



#36
1,1-Dichloropropene
Concen: 0.257 ug/l m
RT: 8.217 min Scan# 2322
Delta R.T. -0.005 min
Lab File: VN067779.D
Acq: 16 Jul 2021 17:47



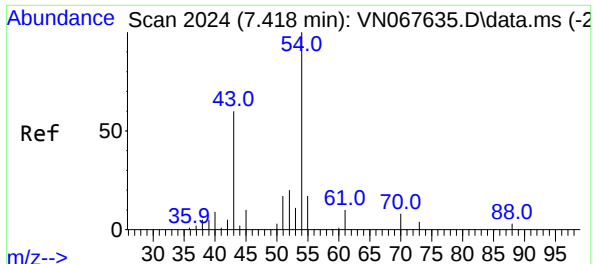
Tgt Ion: 75 Resp: 1562
Ion Ratio Lower Upper
75 100
110 26.4 15.7 47.0
77 0.0 24.6 37.0#



Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021

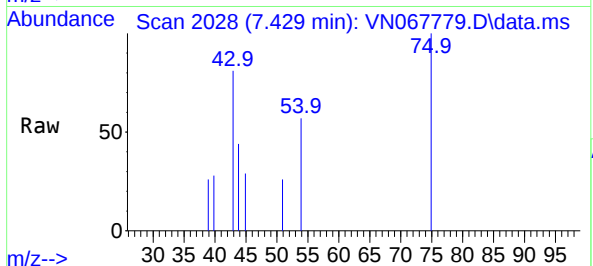
Manual Integrations
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#37
Ethyl Acetate
Concen: 0.226 ug/l m
RT: 7.429 min Scan# 2028
Delta R.T. 0.011 min
Lab File: VN067779.D
Acq: 16 Jul 2021 17:47

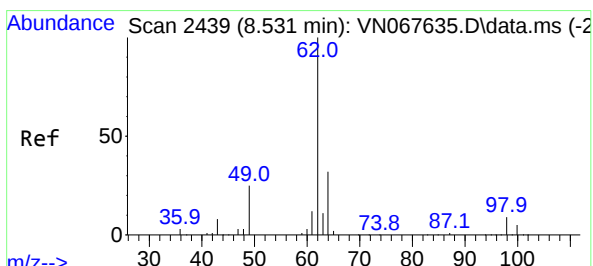
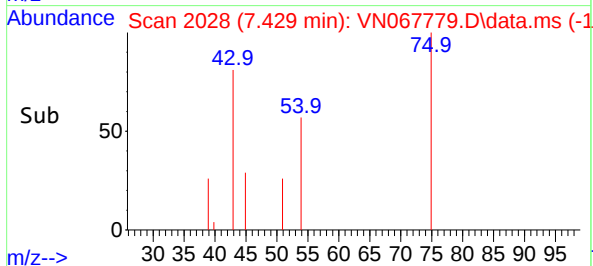
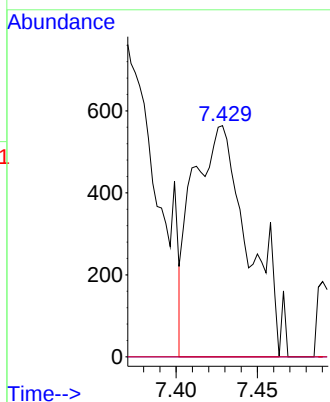
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021



Tgt Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.6	16.0#
70	0.0	8.1	12.1#

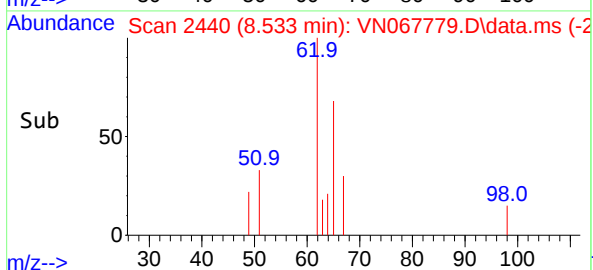
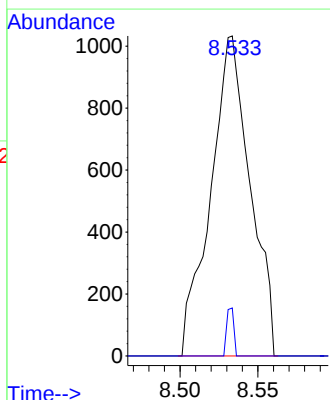
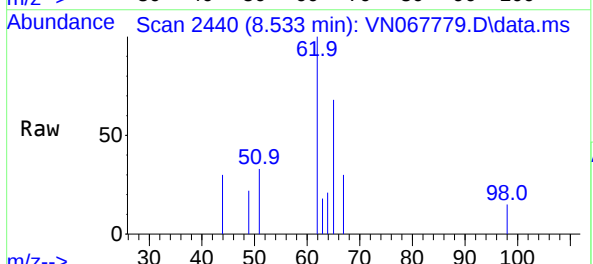
Manual Integrations
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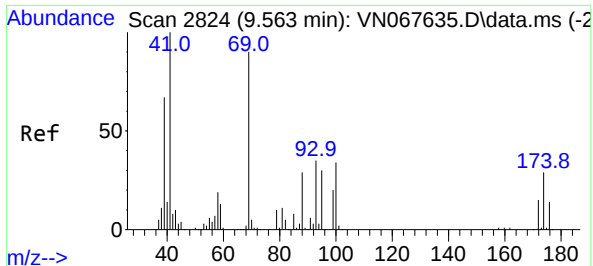
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#42
1,2-Dichloroethane
Concen: 0.270 ug/l
RT: 8.533 min Scan# 2440
Delta R.T. 0.002 min
Lab File: VN067779.D
Acq: 16 Jul 2021 17:47

Tgt Ion	Ratio	Lower	Upper
62	100		
98	2.7	0.0	14.2





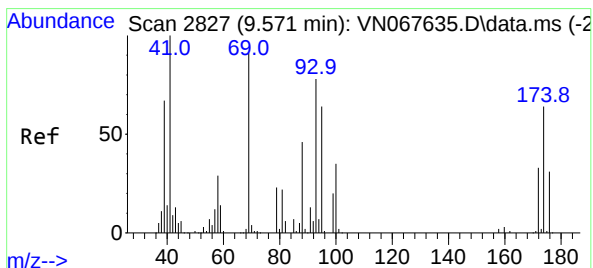
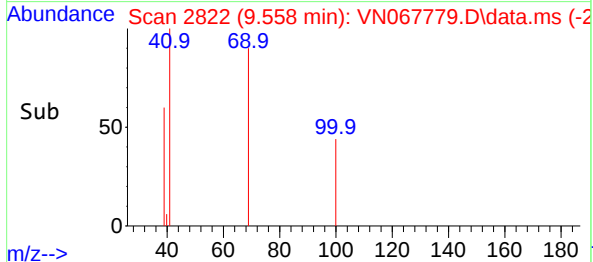
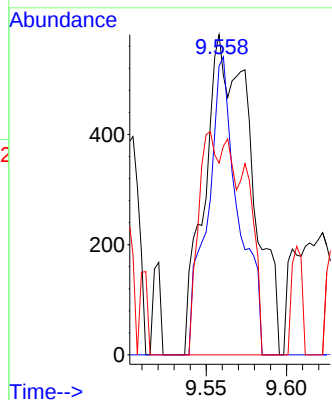
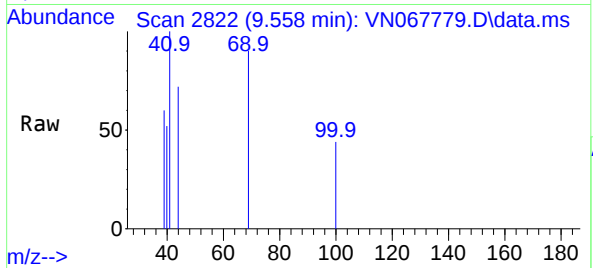
#48
Methyl methacrylate
Concen: 0.256 ug/l m
RT: 9.558 min Scan# 2822
Delta R.T. -0.005 min
Lab File: VN067779.D
Acq: 16 Jul 2021 17:47

Tgt Ion: 41 Resp: 1176
Ion Ratio Lower Upper
41 100
69 61.6 64.6 96.8#
39 30.5 53.3 79.9#

Instrument :
MSVOA_N
ClientSampleId :
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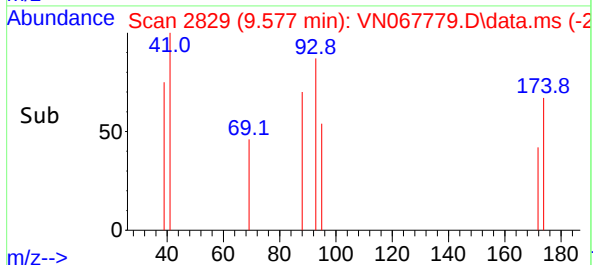
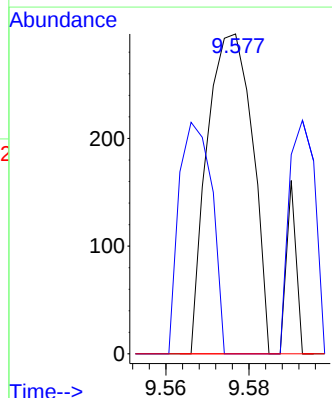
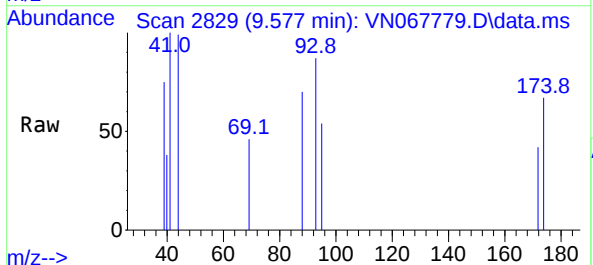
Manual Integrations
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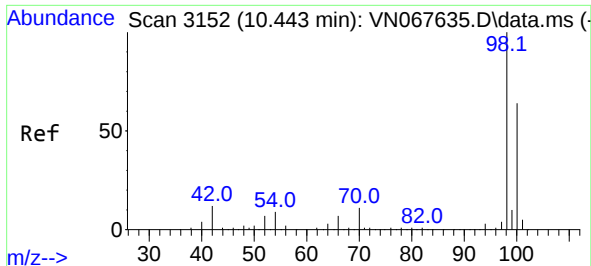
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#49
1,4-Dioxane
Concen: 2.831 ug/l
RT: 9.577 min Scan# 2829
Delta R.T. 0.006 min
Lab File: VN067779.D
Acq: 16 Jul 2021 17:47

Tgt Ion: 88 Resp: 225
Ion Ratio Lower Upper
88 100
43 52.4 28.8 43.2#
58 0.0 60.4 90.6#





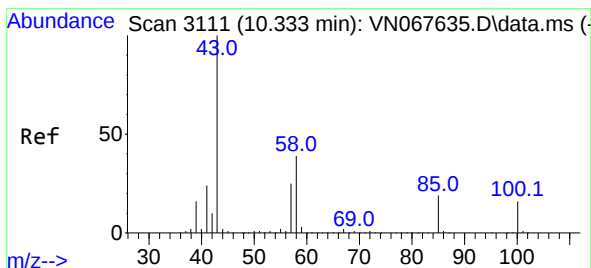
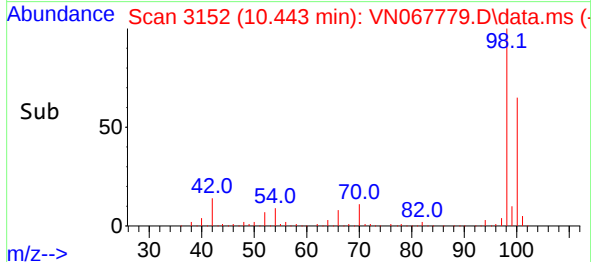
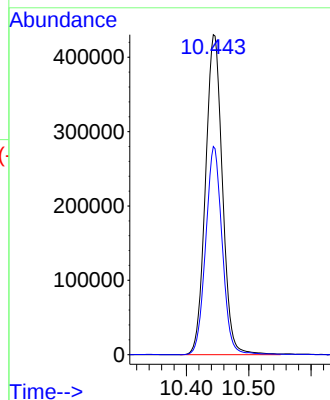
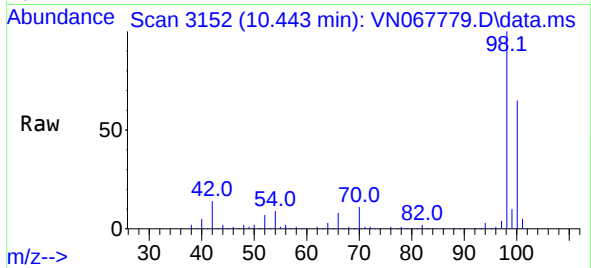
#50
Toluene-d8
Concen: 49.024 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN067779.D
Acq: 16 Jul 2021 17:47

Tgt Ion: 98 Resp: 812041
Ion Ratio Lower Upper
98 100
100 63.6 51.7 77.5

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021

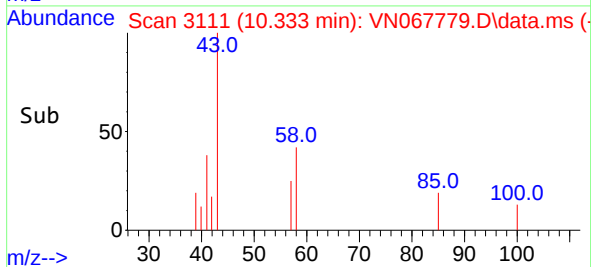
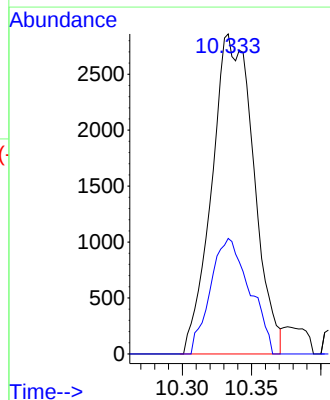
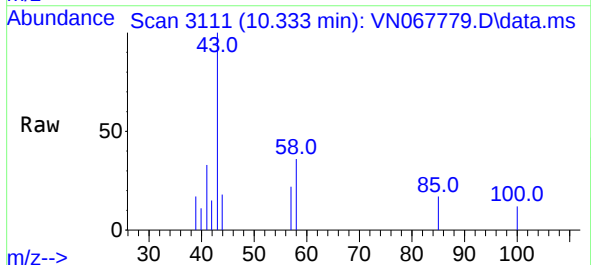
Manual Integrations
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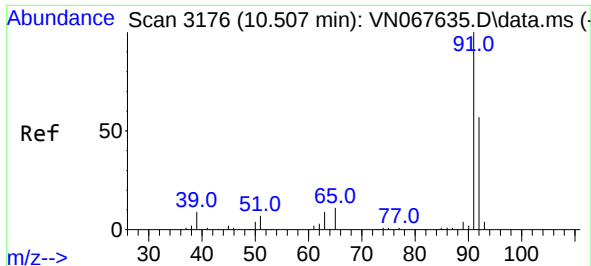
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#51
4-Methyl-2-Pentanone
Concen: 0.941 ug/l
RT: 10.333 min Scan# 3111
Delta R.T. 0.000 min
Lab File: VN067779.D
Acq: 16 Jul 2021 17:47

Tgt Ion: 43 Resp: 5995
Ion Ratio Lower Upper
43 100
58 33.8 28.6 43.0





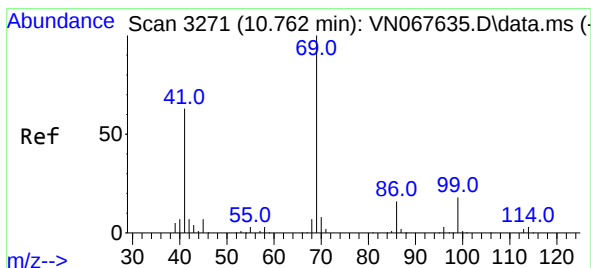
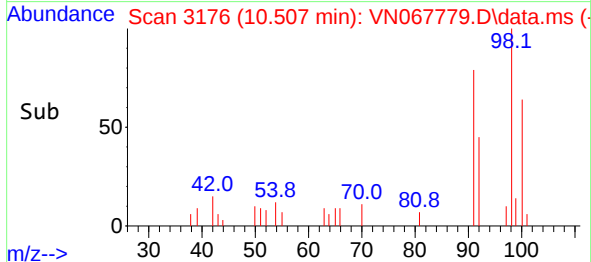
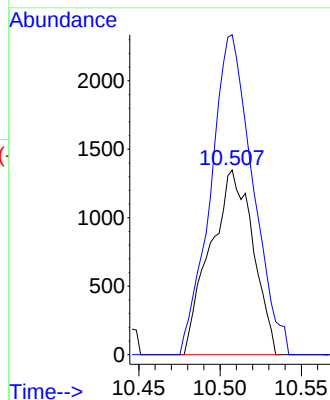
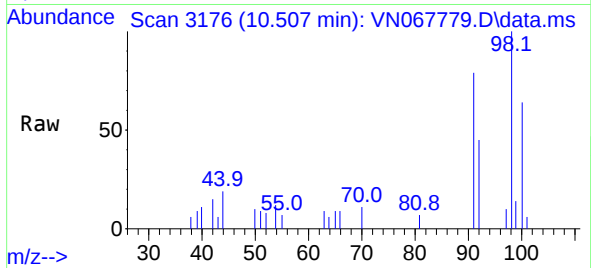
#52
Toluene
Concen: 0.207 ug/l
RT: 10.507 min Scan# 3176
Delta R.T. 0.000 min
Lab File: VN067779.D
Acq: 16 Jul 2021 17:47

Tgt Ion: 92 Resp: 2471
Ion Ratio Lower Upper
92 100
91 170.7 139.6 209.4

Instrument :
MSVOA_N
ClientSampleId :
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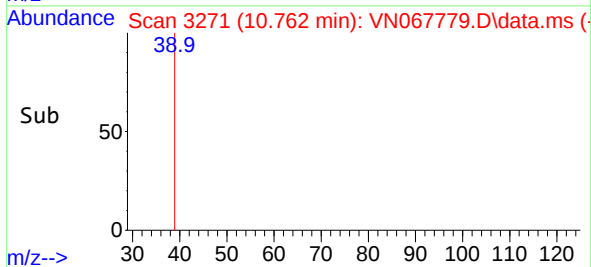
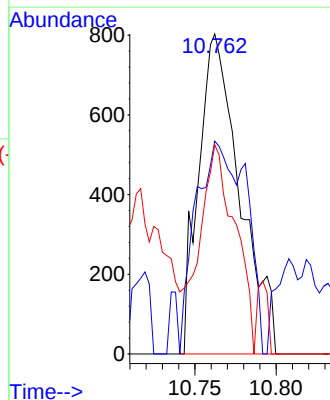
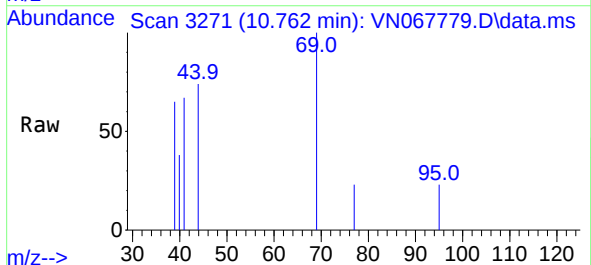
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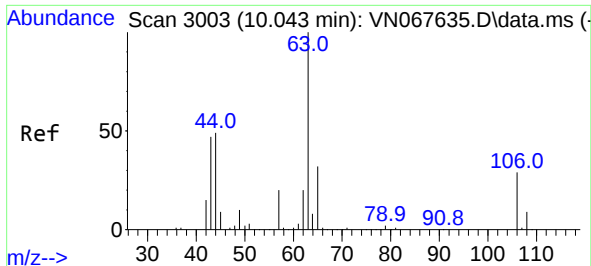
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#56
Ethyl methacrylate
Concen: 0.202 ug/l
RT: 10.762 min Scan# 3271
Delta R.T. 0.000 min
Lab File: VN067779.D
Acq: 16 Jul 2021 17:47

Tgt Ion: 69 Resp: 1422
Ion Ratio Lower Upper
69 100
41 60.7 58.6 88.0
39 55.4 38.3 57.5





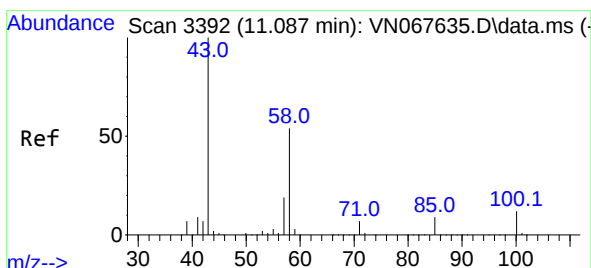
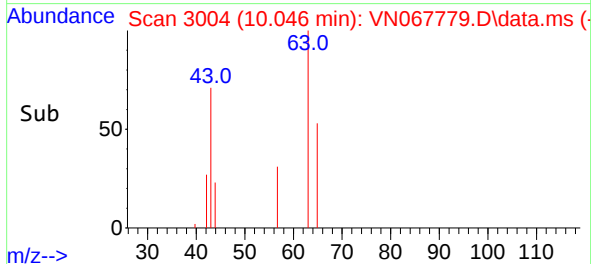
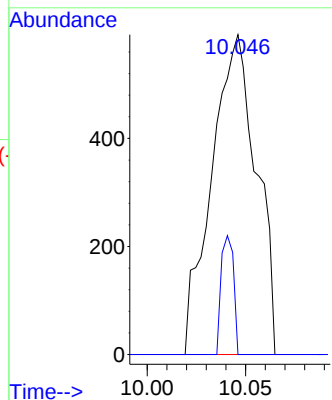
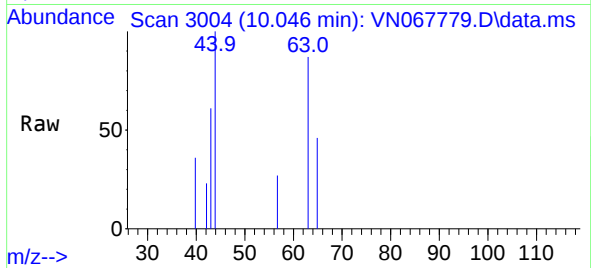
#58
2-Chloroethyl Vinyl ether
Concen: 0.640 ug/l
RT: 10.046 min Scan# 3004
Delta R.T. 0.003 min
Lab File: VN067779.D
Acq: 16 Jul 2021 17:47

Tgt Ion: 63 Resp: 934
Ion Ratio Lower Upper
63 100
106 10.3 19.8 29.8#

Instrument :
MSVOA_N
ClientSampleId :
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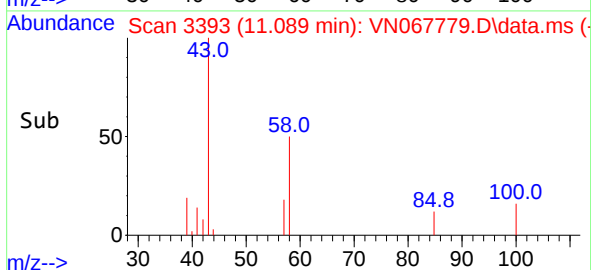
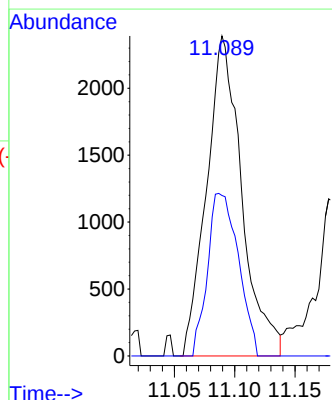
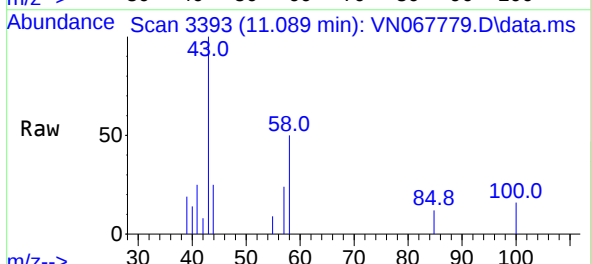
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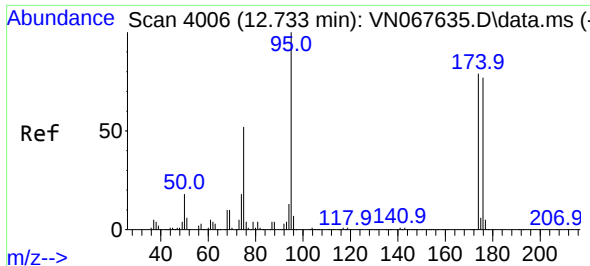
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#59
2-Hexanone
Concen: 1.088 ug/l
RT: 11.089 min Scan# 3393
Delta R.T. 0.002 min
Lab File: VN067779.D
Acq: 16 Jul 2021 17:47

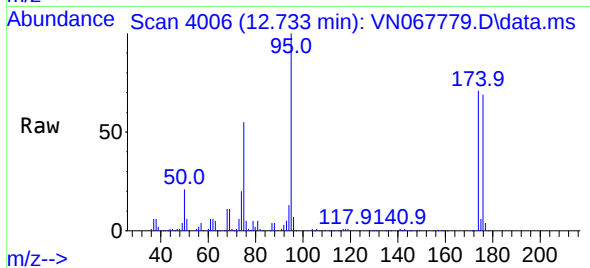
Tgt Ion: 43 Resp: 4839
Ion Ratio Lower Upper
43 100
58 44.5 24.7 74.1





#62
4-Bromofluorobenzene
Concen: 45.938 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN067779.D
Acq: 16 Jul 2021 17:47

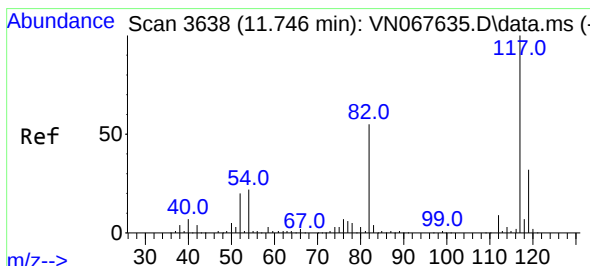
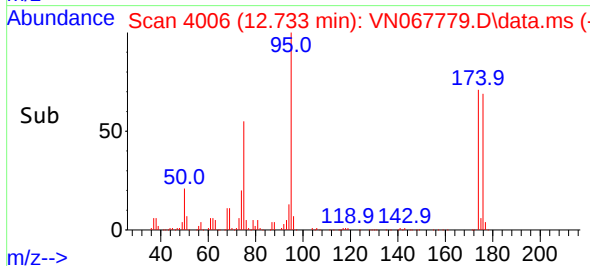
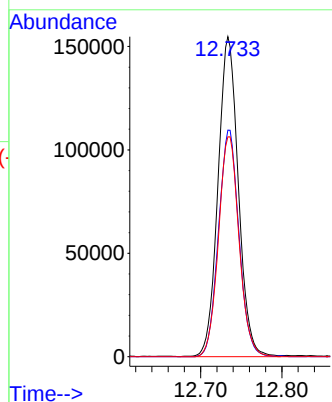
Instrument :
MSVOA_N
ClientSampleId :
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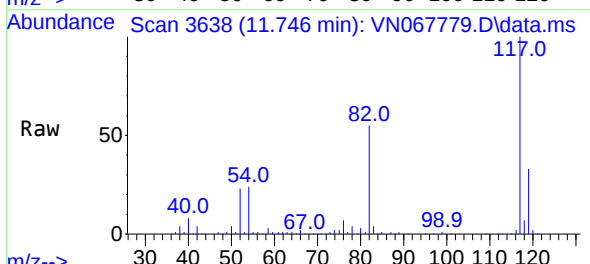
Tgt Ion: 95 Resp: 268797
Ion Ratio Lower Upper
95 100
174 71.2 0.0 122.0
176 69.6 0.0 117.6

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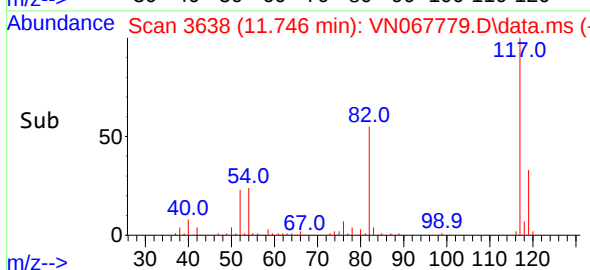
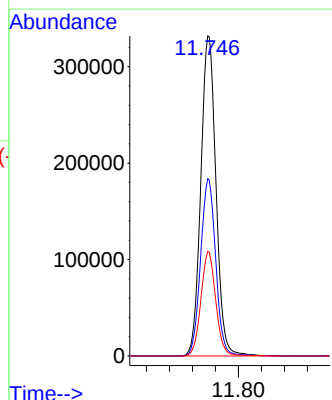
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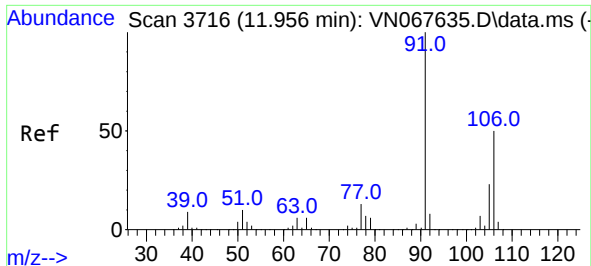


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN067779.D
Acq: 16 Jul 2021 17:47



Tgt Ion: 117 Resp: 608248
Ion Ratio Lower Upper
117 100
82 55.3 53.1 79.7
119 32.6 25.5 38.3





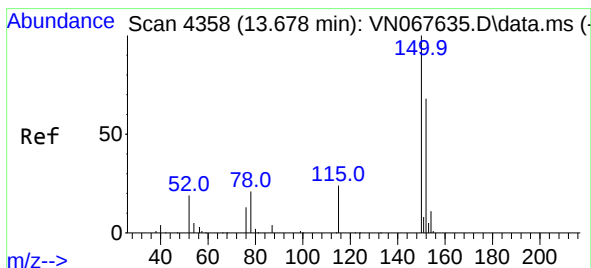
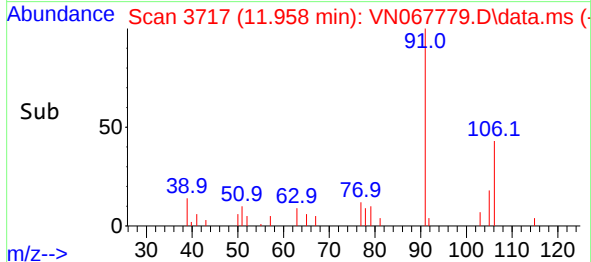
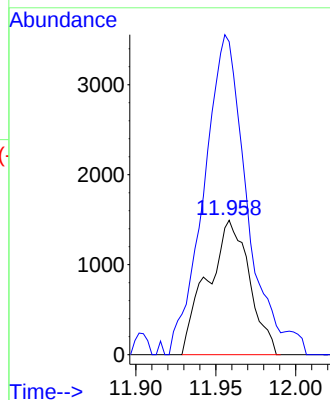
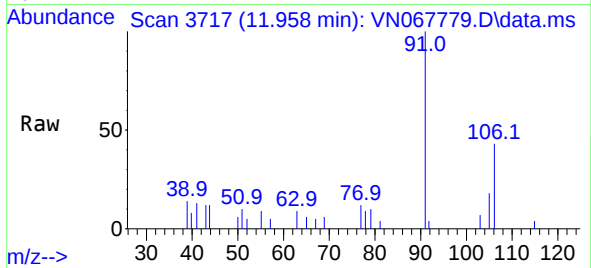
#68
m/p-Xylenes
Concen: 0.317 ug/l m
RT: 11.958 min Scan# 3717
Delta R.T. 0.002 min
Lab File: VN067779.D
Acq: 16 Jul 2021 17:47

Tgt Ion:106 Resp: 2725
Ion Ratio Lower Upper
106 100
91 239.9 180.6 270.8

Instrument :
MSVOA_N
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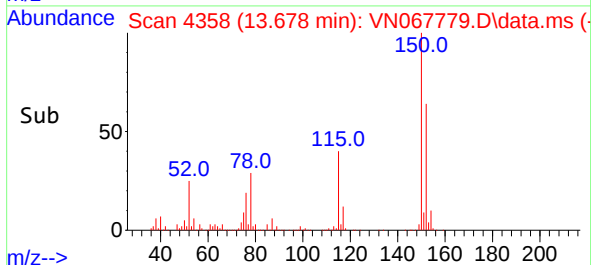
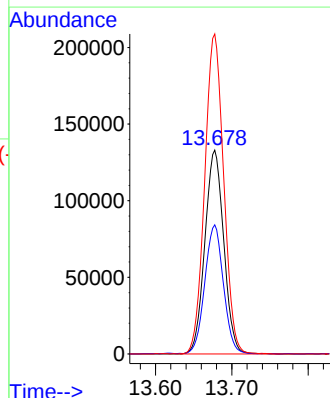
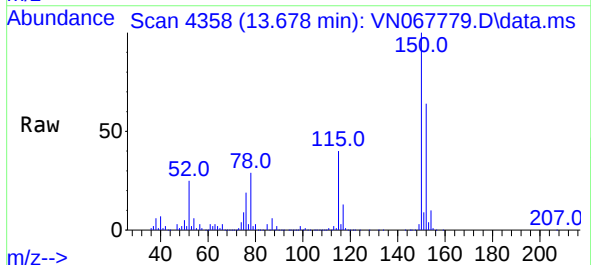
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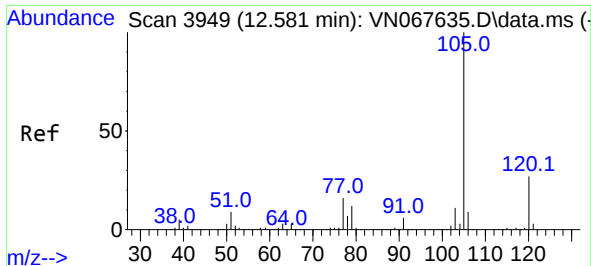
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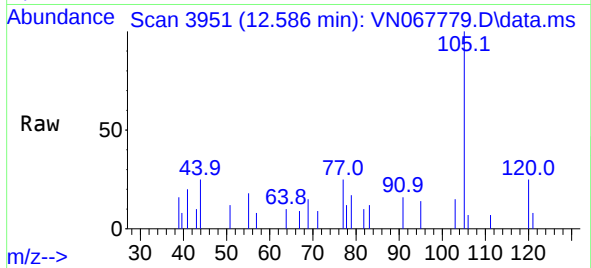
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. -0.000 min
Lab File: VN067779.D
Acq: 16 Jul 2021 17:47

Tgt Ion:152 Resp: 228823
Ion Ratio Lower Upper
152 100
115 62.3 36.1 108.5
150 157.5 0.0 351.8

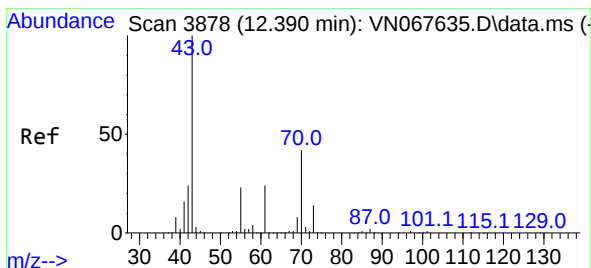
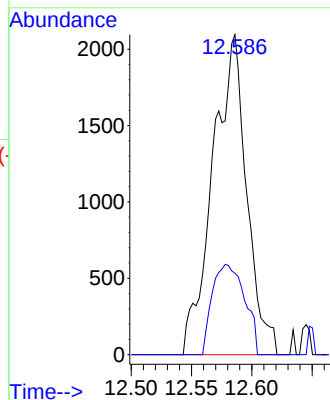
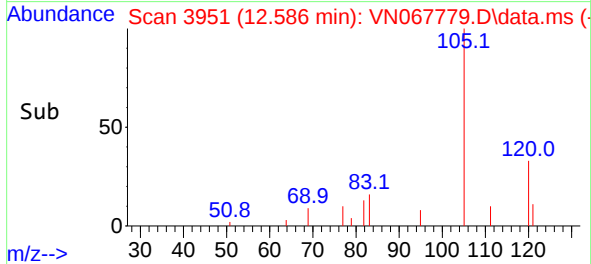




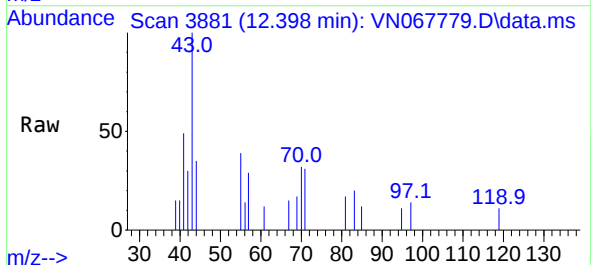
#73
Isopropylbenzene
Concen: 0.222 ug/l
RT: 12.586 min Scan# 3951
Delta R.T. 0.005 min
Lab File: VN067779.D
Acq: 16 Jul 2021 17:47



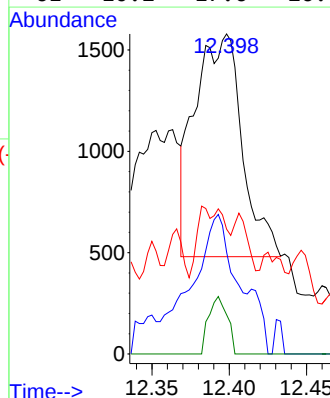
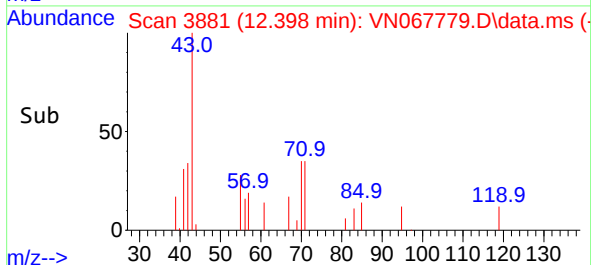
Tgt Ion: 105 Resp: 4098
Ion Ratio Lower Upper
105 100
120 26.9 12.5 37.5



#74
N-ethyl acetate
Concen: 0.348 ug/l m
RT: 12.398 min Scan# 3881
Delta R.T. 0.008 min
Lab File: VN067779.D
Acq: 16 Jul 2021 17:47



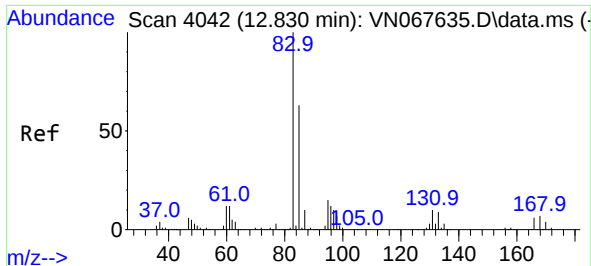
Tgt Ion: 43 Resp: 2331
Ion Ratio Lower Upper
43 100
70 33.9 29.4 44.2
55 9.0 17.0 25.4#
61 10.2 17.6 26.4#



Instrument :
MSVOA_N
ClientSampleId :
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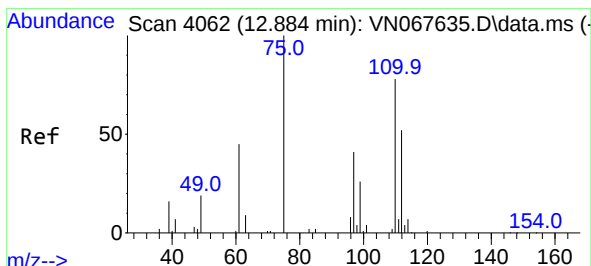
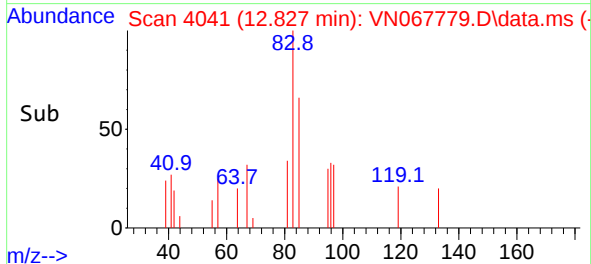
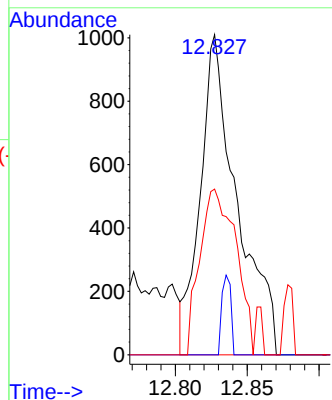
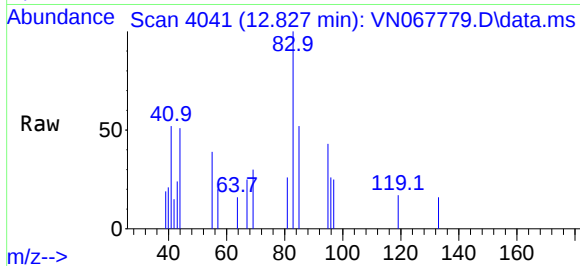
#75
1,1,2,2-Tetrachloroethane
Concen: 0.336 ug/l
RT: 12.827 min Scan# 4041
Delta R.T. -0.003 min
Lab File: VN067779.D
Acq: 16 Jul 2021 17:47

Tgt Ion: 83 Resp: 1798
Ion Ratio Lower Upper
83 100
131 6.0 4.8 14.4
85 50.8 32.2 96.6

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021

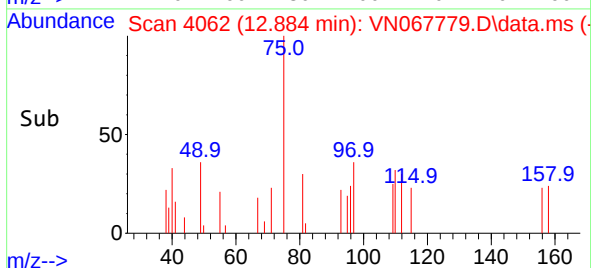
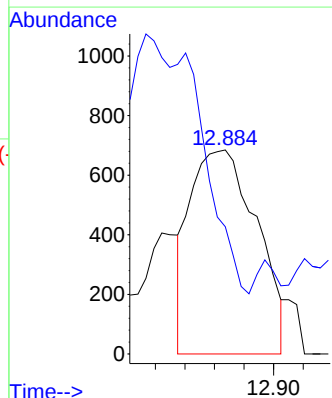
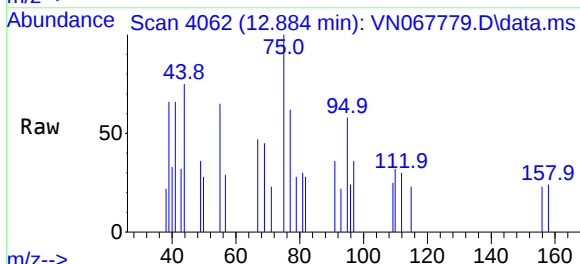
Manual Integrations
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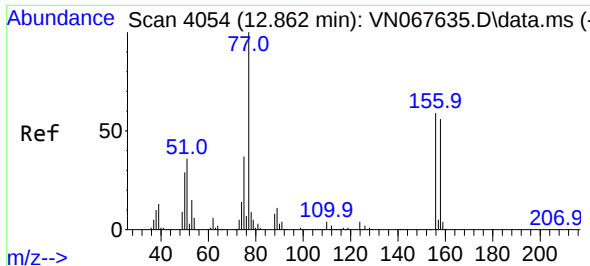
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#76
1,2,3-Trichloropropane
Concen: 0.229 ug/l m
RT: 12.884 min Scan# 4062
Delta R.T. -0.000 min
Lab File: VN067779.D
Acq: 16 Jul 2021 17:47

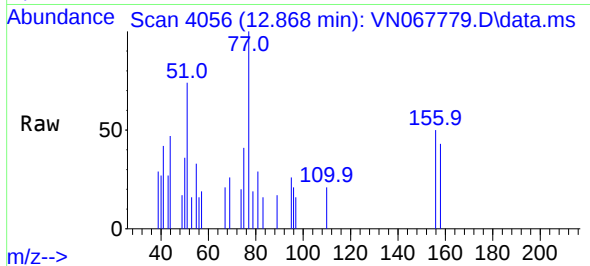
Tgt Ion: 75 Resp: 1071
Ion Ratio Lower Upper
75 100
77 167.9 0.0 0.0#





#77
Bromobenzene
Concen: 0.203 ug/l
RT: 12.868 min Scan# 4056
Delta R.T. 0.006 min
Lab File: VN067779.D
Acq: 16 Jul 2021 17:47

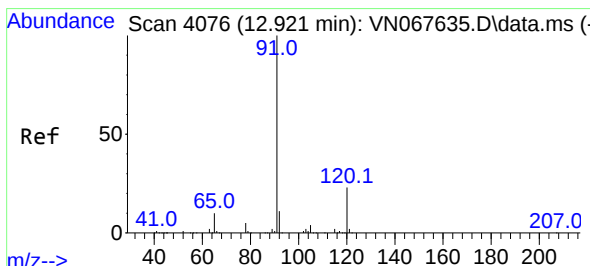
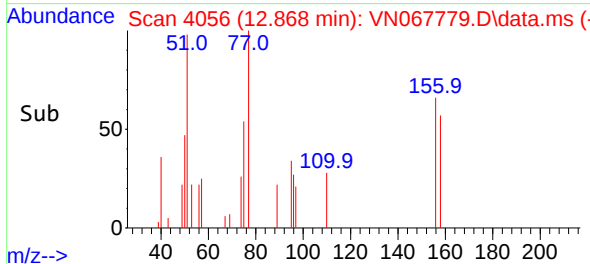
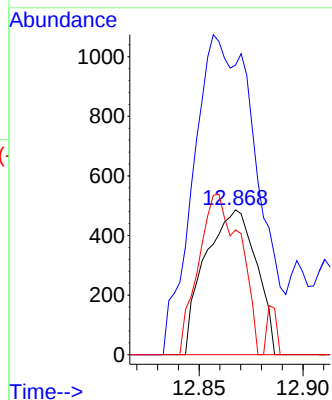
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021



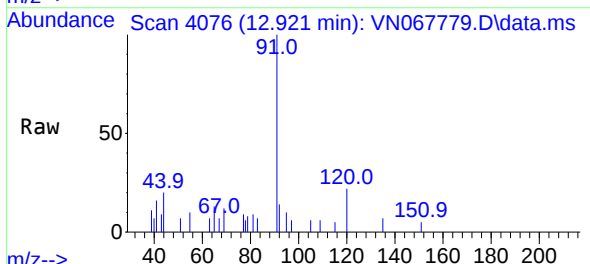
Tgt Ion:156 Resp: 831
Ion Ratio Lower Upper
156 100
77 159.1 136.2 408.6
158 90.7 48.4 145.3

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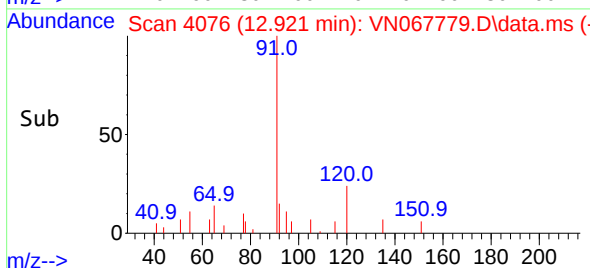
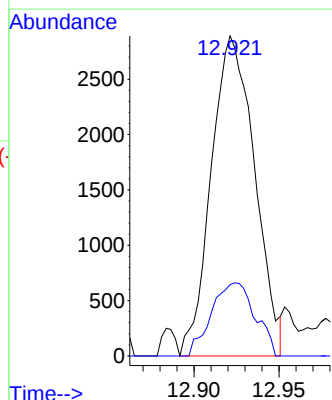
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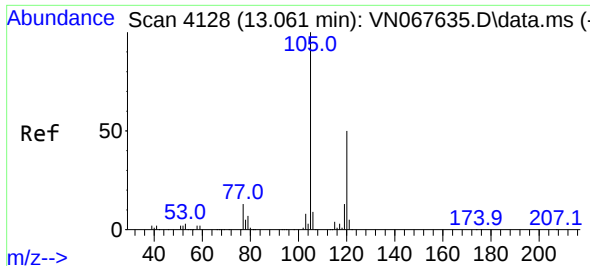


#78
n-propylbenzene
Concen: 0.246 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN067779.D
Acq: 16 Jul 2021 17:47



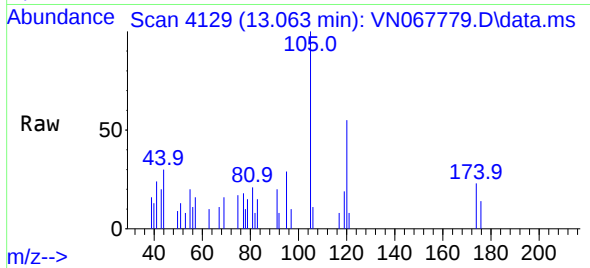
Tgt Ion: 91 Resp: 5140
Ion Ratio Lower Upper
91 100
120 22.9 10.4 31.4





#80
1,3,5-Trimethylbenzene
Concen: 0.227 ug/l
RT: 13.063 min Scan# 4129
Delta R.T. 0.002 min
Lab File: VN067779.D
Acq: 16 Jul 2021 17:47

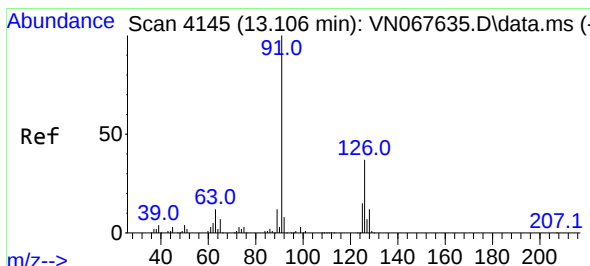
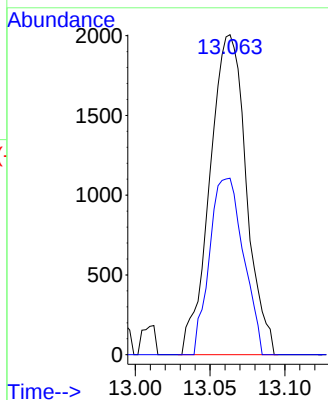
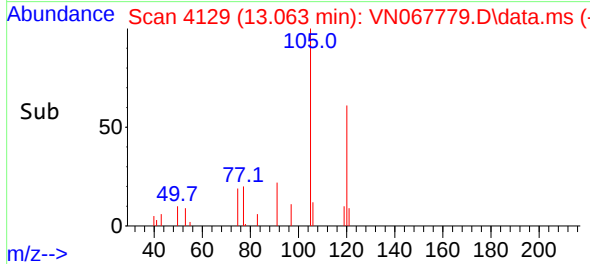
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021



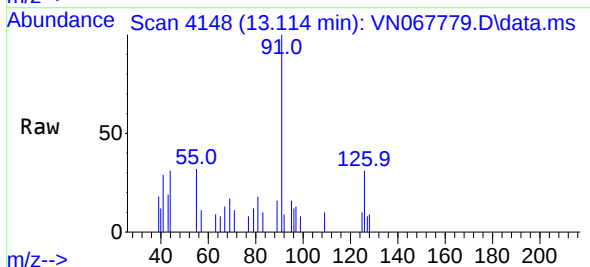
Tgt Ion:105 Resp: 3400
Ion Ratio Lower Upper
105 100
120 51.2 22.2 66.6

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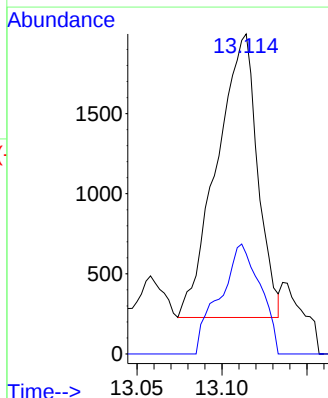
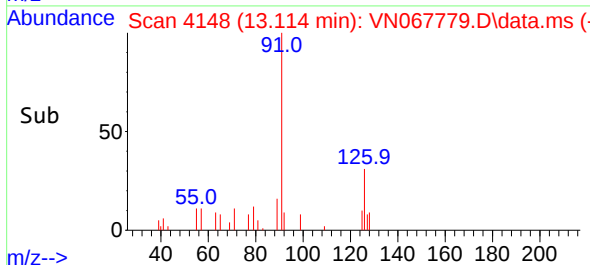
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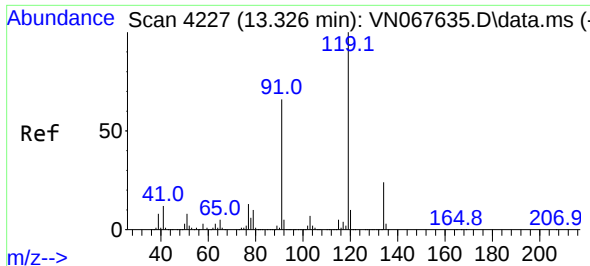


#82
4-Chlorotoluene
Concen: 0.236 ug/l
RT: 13.114 min Scan# 4148
Delta R.T. 0.008 min
Lab File: VN067779.D
Acq: 16 Jul 2021 17:47



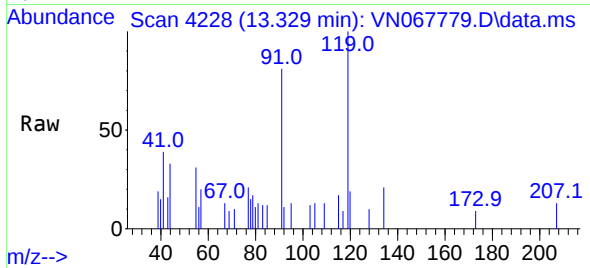
Tgt Ion: 91 Resp: 2945
Ion Ratio Lower Upper
91 100
126 38.6 14.8 44.4





#83
tert-Butylbenzene
Concen: 0.202 ug/l
RT: 13.329 min Scan# 4228
Delta R.T. 0.003 min
Lab File: VN067779.D
Acq: 16 Jul 2021 17:47

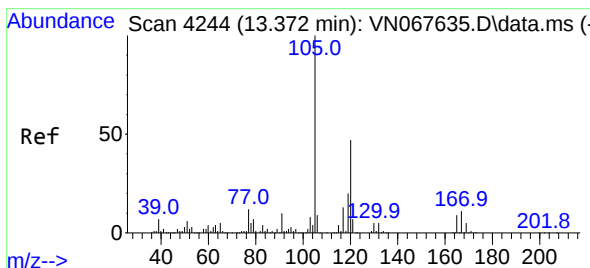
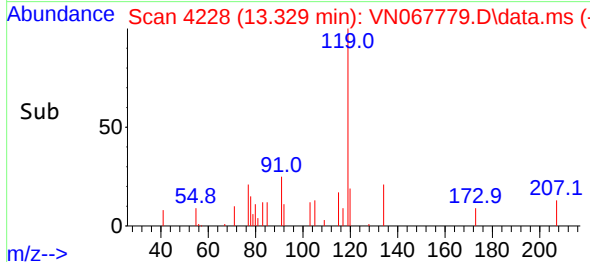
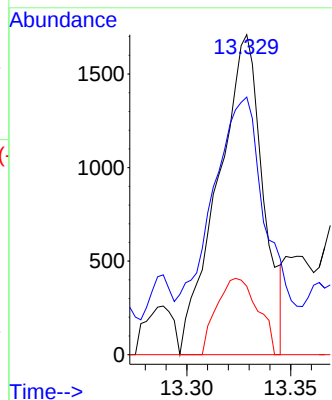
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021



Tgt Ion:119 Resp: 2571
Ion Ratio Lower Upper
119 100
91 72.2 39.5 118.5
134 21.8 12.0 36.0

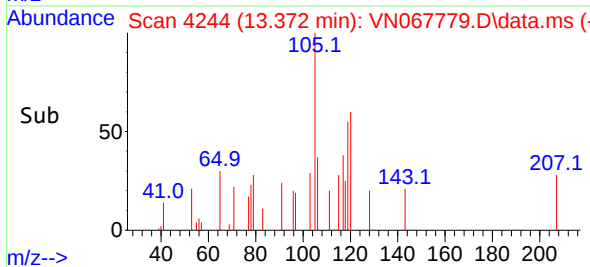
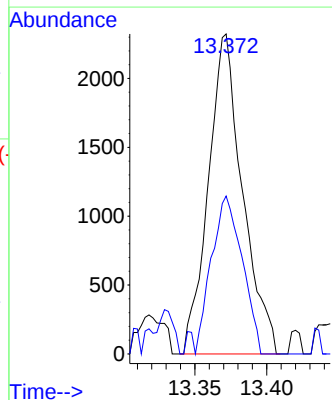
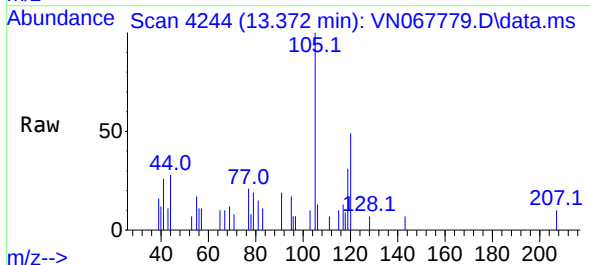
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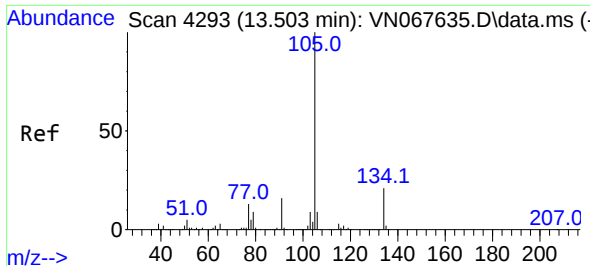
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#84
1,2,4-Trimethylbenzene
Concen: 0.262 ug/l
RT: 13.372 min Scan# 4244
Delta R.T. -0.000 min
Lab File: VN067779.D
Acq: 16 Jul 2021 17:47

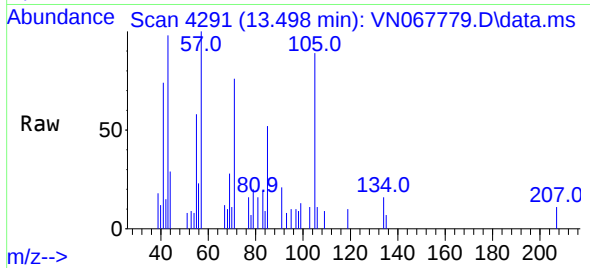
Tgt Ion:105 Resp: 3839
Ion Ratio Lower Upper
105 100
120 44.5 20.6 61.8





#85
 sec-Butylbenzene
 Concen: 0.213 ug/l
 RT: 13.498 min Scan# 4291
 Delta R.T. -0.005 min
 Lab File: VN067779.D
 Acq: 16 Jul 2021 17:47

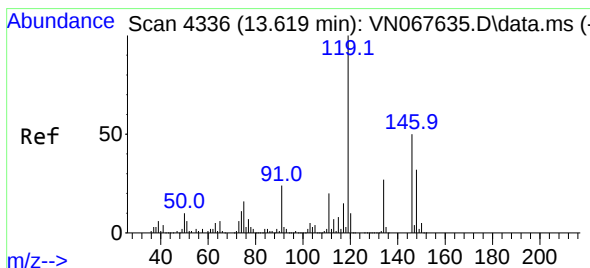
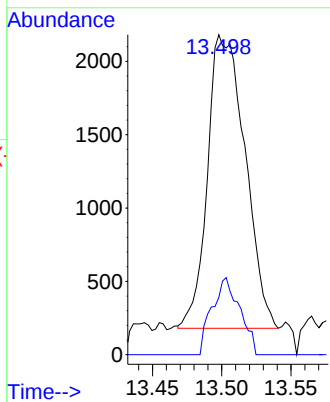
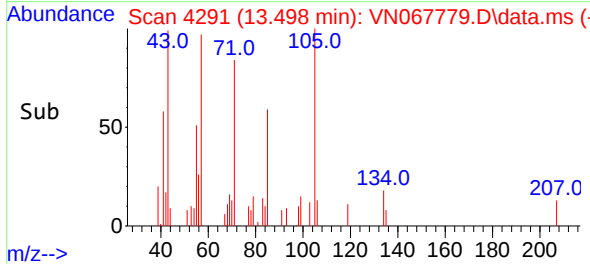
Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2021



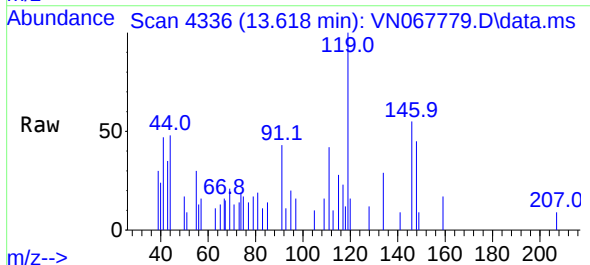
Tgt Ion:105 Resp: 3767
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.0 27.1

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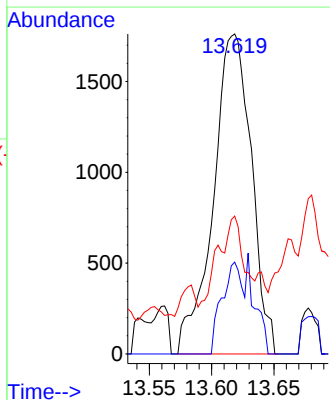
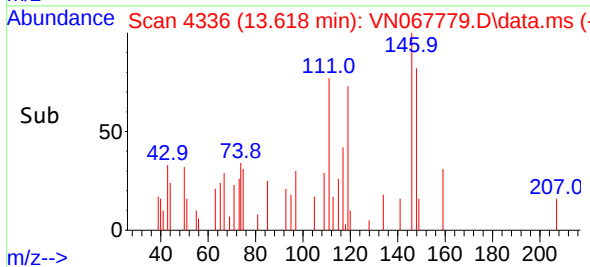
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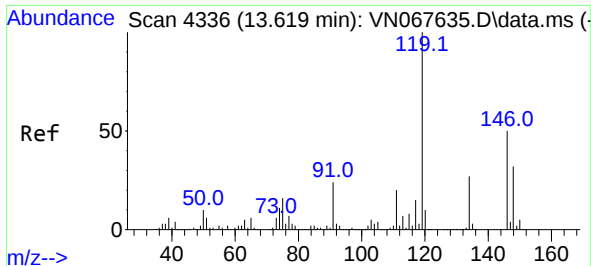


#86
 p-Isopropyltoluene
 Concen: 0.263 ug/l
 RT: 13.618 min Scan# 4336
 Delta R.T. -0.001 min
 Lab File: VN067779.D
 Acq: 16 Jul 2021 17:47



Tgt Ion:119 Resp: 3743
 Ion Ratio Lower Upper
 119 100
 134 15.5 12.4 37.4
 91 12.6 14.8 44.3#





#87

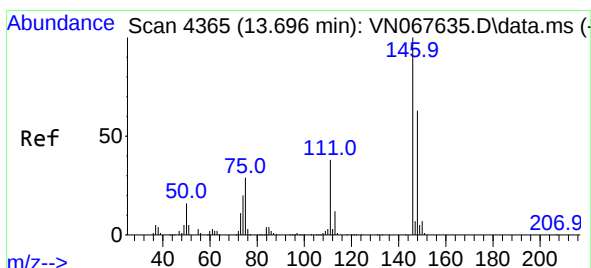
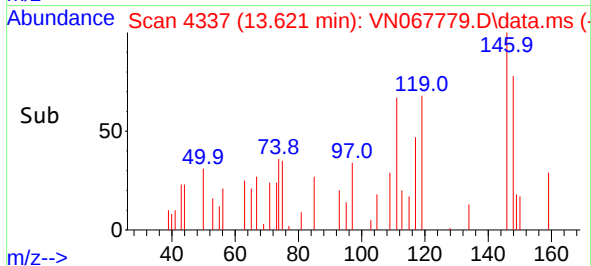
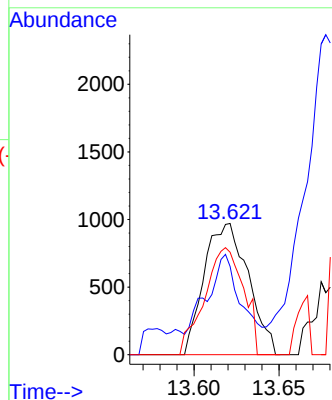
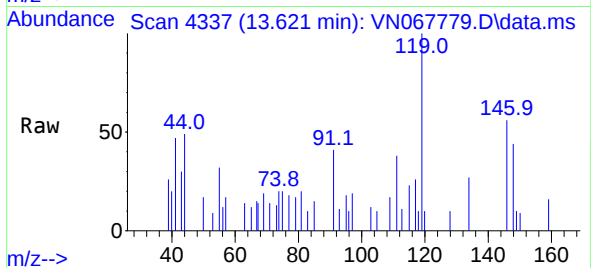
1,3-Dichlorobenzene
Concen: 0.231 ug/l
RT: 13.621 min Scan# 4337
Delta R.T. 0.002 min
Lab File: VN067779.D
Acq: 16 Jul 2021 17:47

Tgt Ion:146 Resp: 1752
Ion Ratio Lower Upper
146 100
111 60.2 24.3 72.8
148 72.0 32.0 96.0

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021

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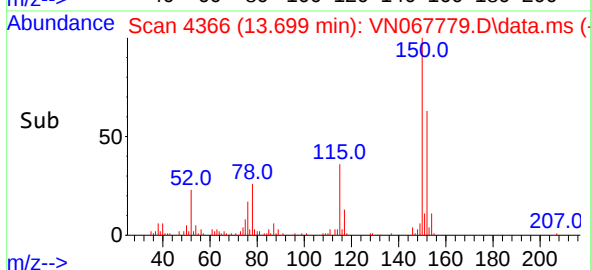
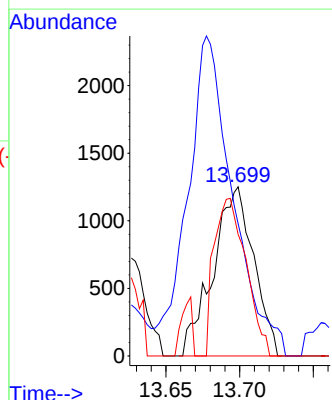
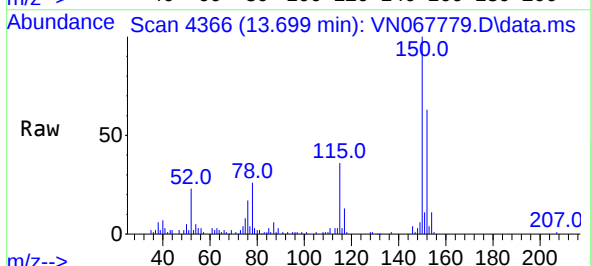
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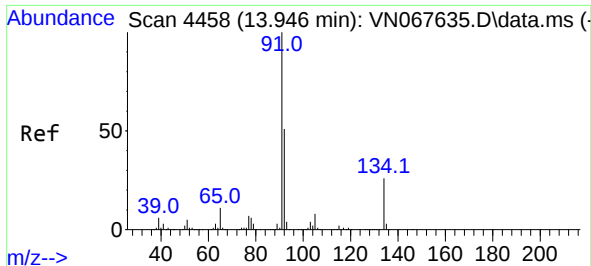


#88

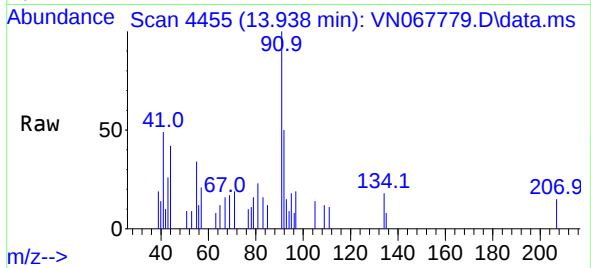
1,4-Dichlorobenzene
Concen: 0.309 ug/l m
RT: 13.699 min Scan# 4366
Delta R.T. 0.003 min
Lab File: VN067779.D
Acq: 16 Jul 2021 17:47

Tgt Ion:146 Resp: 2399
Ion Ratio Lower Upper
146 100
111 34.7 23.4 70.2
148 52.6 31.8 95.3

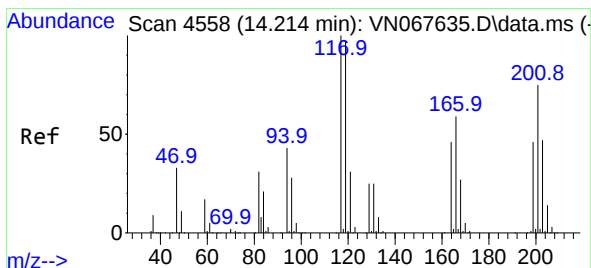
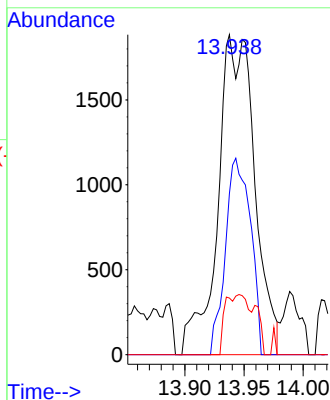
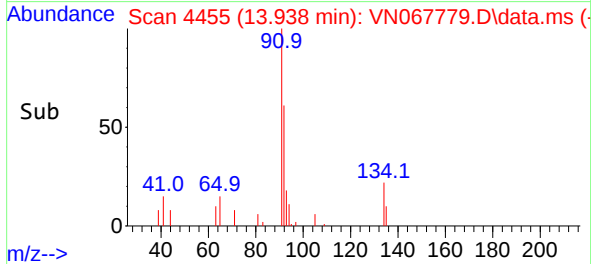




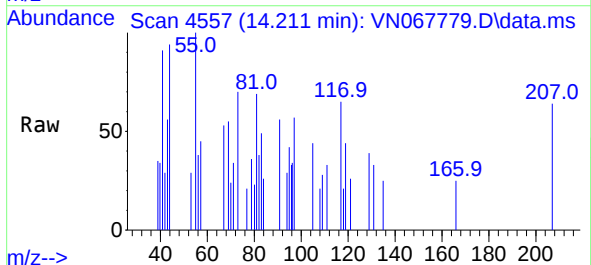
#89
n-Butylbenzene
Concen: 0.334 ug/l m
RT: 13.938 min Scan# 4455
Delta R.T. -0.008 min
Lab File: VN067779.D
Acq: 16 Jul 2021 17:47



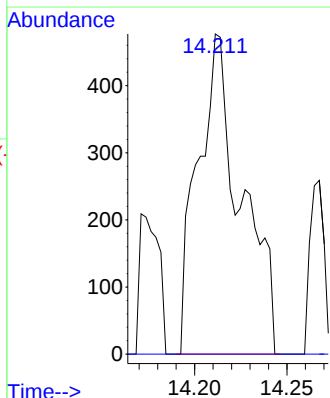
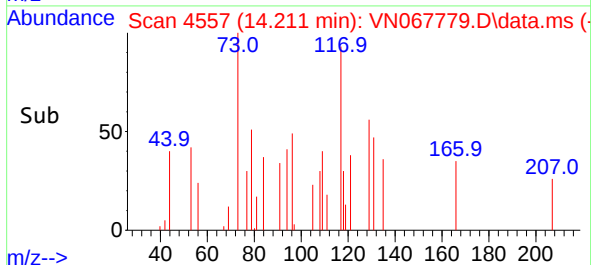
Tgt Ion: 91 Resp: 4079
Ion Ratio Lower Upper
91 100
92 41.8 25.7 77.1
134 4.8 11.2 33.6#



#90
Hexachloroethane
Concen: 0.329 ug/l m
RT: 14.211 min Scan# 4557
Delta R.T. -0.003 min
Lab File: VN067779.D
Acq: 16 Jul 2021 17:47



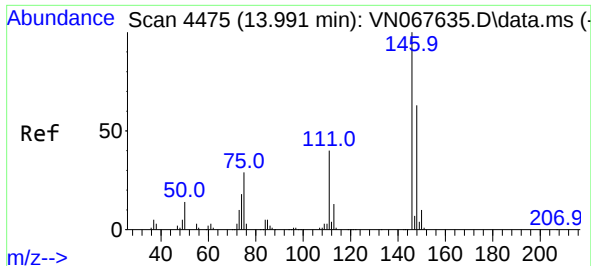
Tgt Ion: 117 Resp: 779
Ion Ratio Lower Upper
117 100
201 0.0 33.5 100.5#



Instrument :
MSVOA_N
ClientSampleId :
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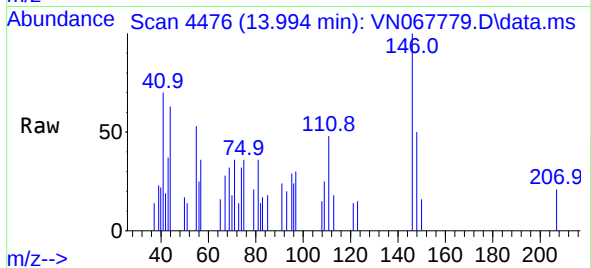
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#91
1,2-Dichlorobenzene
Concen: 0.263 ug/l
RT: 13.994 min Scan# 4476
Delta R.T. 0.003 min
Lab File: VN067779.D
Acq: 16 Jul 2021 17:47

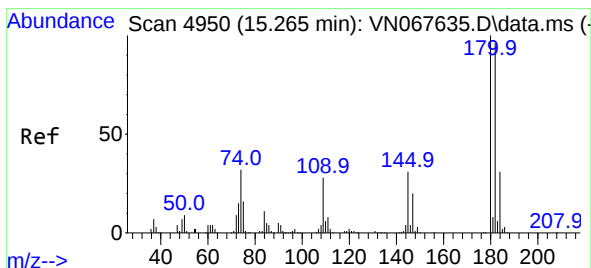
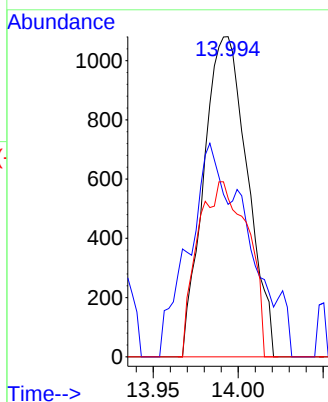
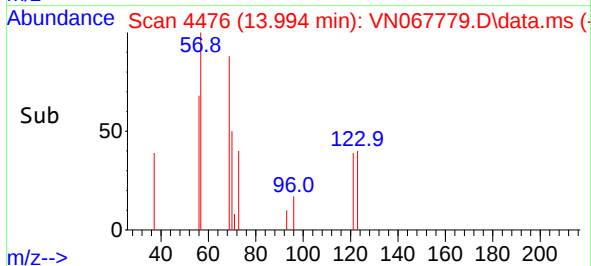
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MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021



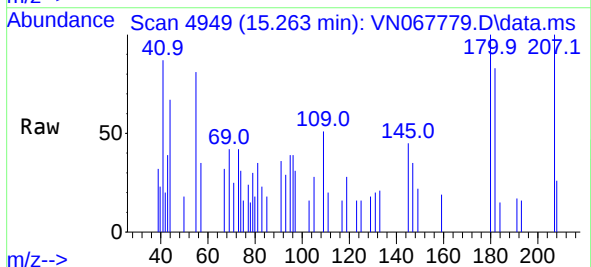
Tgt Ion:146 Resp: 1928
Ion Ratio Lower Upper
146 100
111 54.9 24.9 74.6
148 62.8 31.6 95.0

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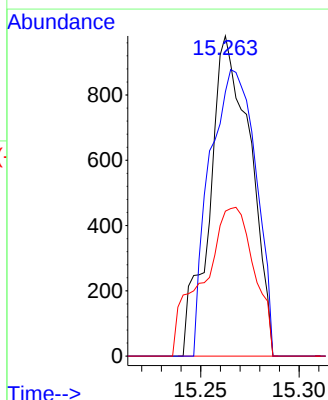
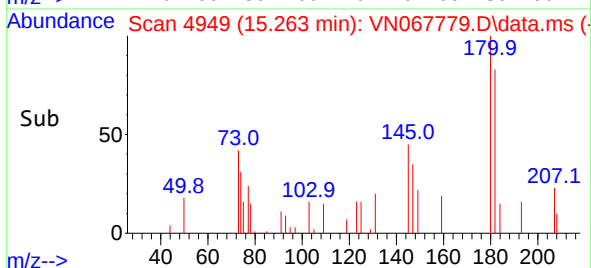
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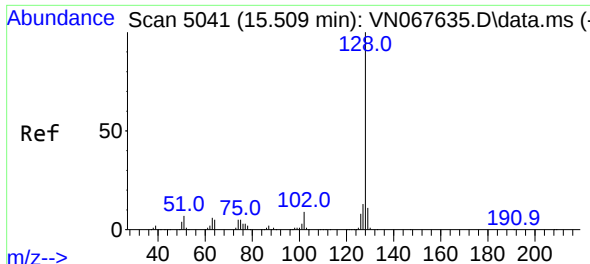


#93
1,2,4-Trichlorobenzene
Concen: 0.448 ug/l
RT: 15.263 min Scan# 4949
Delta R.T. -0.002 min
Lab File: VN067779.D
Acq: 16 Jul 2021 17:47



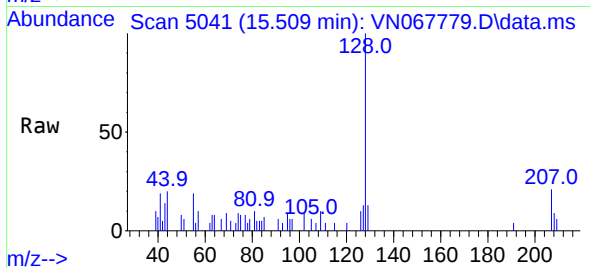
Tgt Ion:180 Resp: 1410
Ion Ratio Lower Upper
180 100
182 101.0 47.5 142.5
145 58.9 17.2 51.6#





#95
Naphthalene
Concen: 1.035 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.000 min
Lab File: VN067779.D
Acq: 16 Jul 2021 17:47

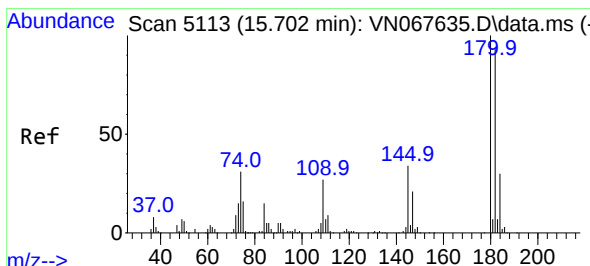
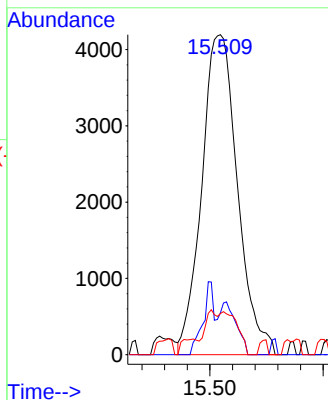
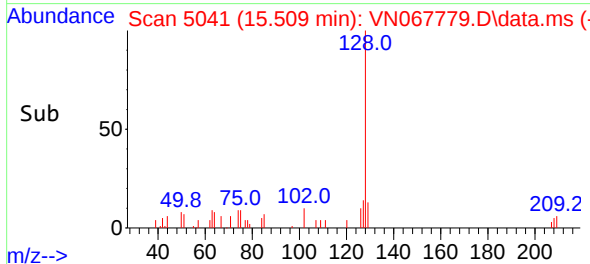
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021



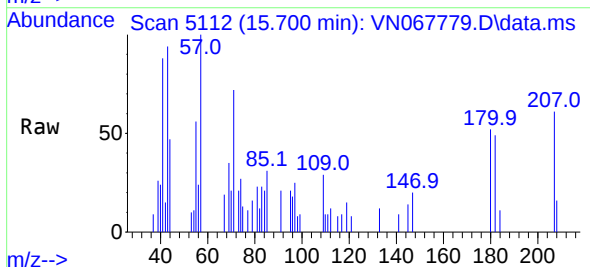
Tgt Ion:128 Resp: 9187
Ion Ratio Lower Upper
128 100
127 7.4 10.6 15.8#
129 0.0 8.6 12.8#

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 0.550 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. -0.002 min
Lab File: VN067779.D
Acq: 16 Jul 2021 17:47



Tgt Ion:180 Resp: 1674
Ion Ratio Lower Upper
180 100
182 98.6 47.8 143.3
145 31.7 18.2 54.6

