

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052621\
 Data File : VN067176.D
 Acq On : 26 May 2021 18:52
 Operator : JC/MD
 Sample : M2529-04 50X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 41815

Quant Time: May 27 02:42:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N052121W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 21 17:24:08 2021
 Response via : Initial Calibration

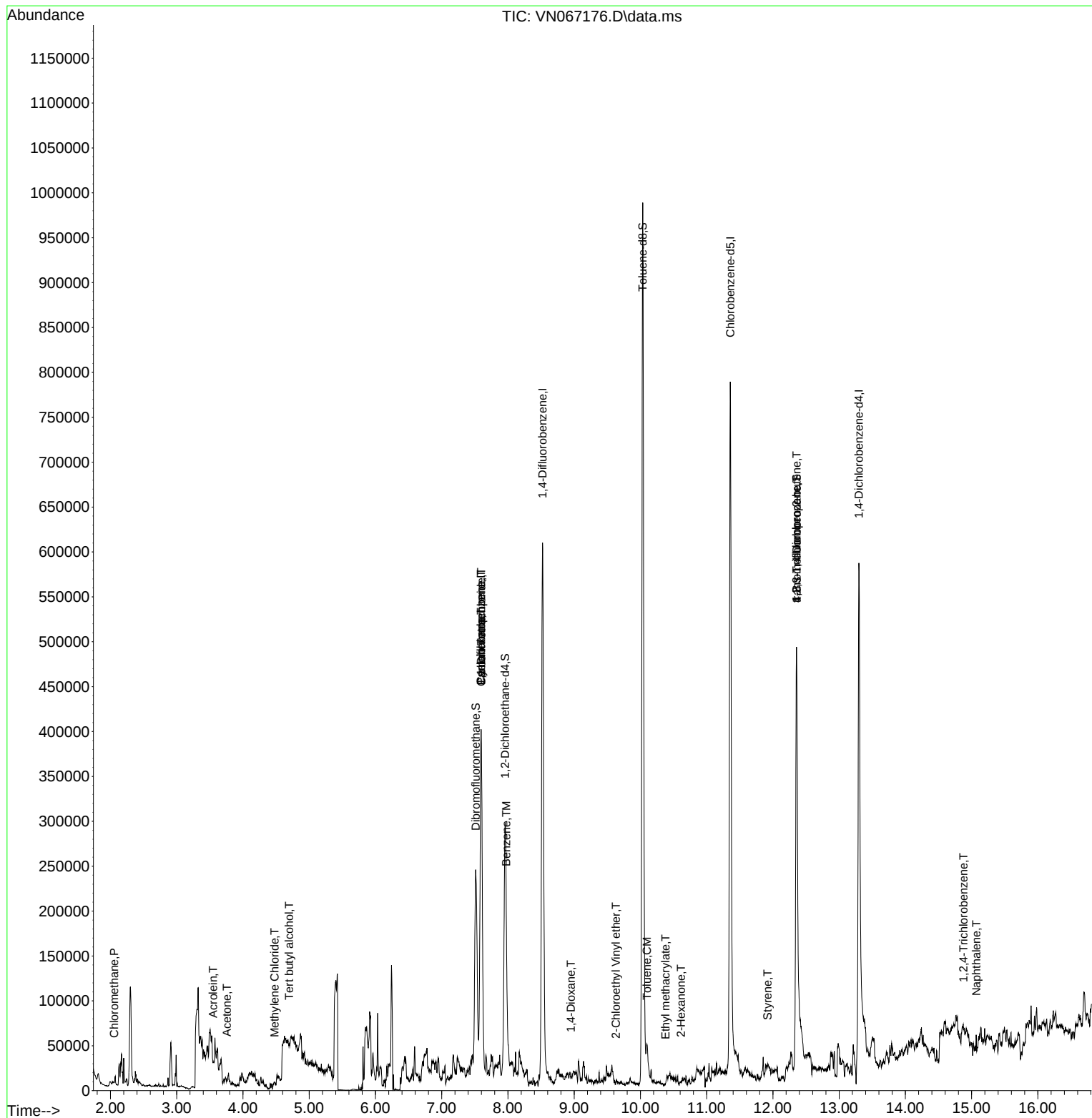
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.594	168	304116	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.522	114	561907	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.357	117	486260	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.299	152	191816	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.959	65	240827	51.03	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 102.06%	
35) Dibromofluoromethane	7.517	113	180954	52.48	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 104.96%	
50) Toluene-d8	10.035	98	693316	52.24	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 104.48%	
62) 4-Bromofluorobenzene	12.358	95	235323	51.87	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 103.74%	
Target Compounds						Qvalue
3) Chloromethane	2.056	50	1359	0.25	ug/l	# 54
11) Tert butyl alcohol	4.695	59	771	0.78	ug/l	# 4
13) Acrolein	3.550	56	320	0.39	ug/l	# 65
16) Acetone	3.759	43	2652	1.37	ug/l	# 74
20) Methylene Chloride	4.475	84	1409	0.30	ug/l	# 84
31) Cyclohexane	7.594	56	7419	1.02	ug/l	# 1
36) 1,1-Dichloropropene	7.594	75	25213	4.44	ug/l	# 51
38) Carbon Tetrachloride	7.597	117	31466	5.69	ug/l	# 16
40) Benzene	7.975	78	8252	0.48	ug/l	98
49) 1,4-Dioxane	8.951	88	129	62.32	ug/l	93
52) Toluene	10.099	92	12089	1.16	ug/l	86
56) Ethyl methacrylate	10.378	69	52	2.80	ug/l	# 1
58) 2-Chloroethyl Vinyl ether	9.630	63	161	6.89	ug/l	# 45
59) 2-Hexanone	10.612	43	188	18.90	ug/l	78
70) Styrene	11.920	104	231	2.52	ug/l	# 76
76) 1,2,3-Trichloropropane	12.358	75	116641	21.84	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.358	75	116641	62.43	ug/l	# 16
93) 1,2,4-Trichlorobenzene	14.876	180	341	3.36	ug/l	# 46
95) Naphthalene	15.072	128	191	3.88	ug/l	# 1

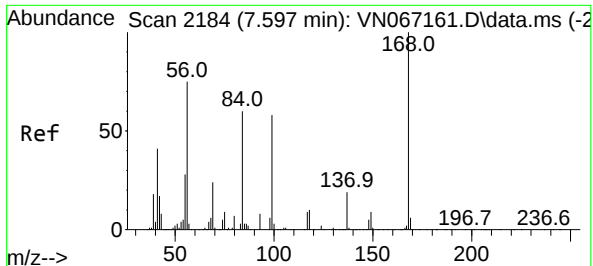
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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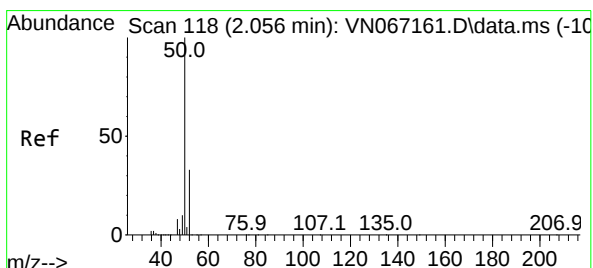
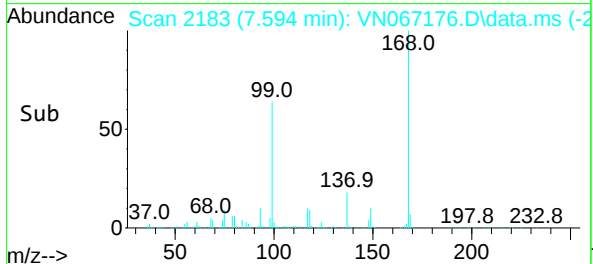
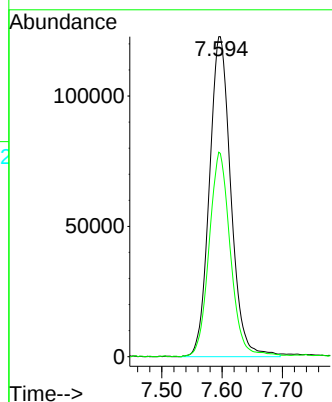
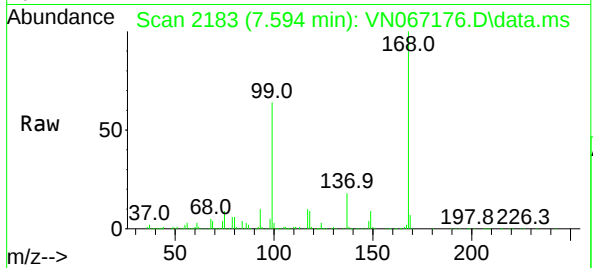




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.594 min Scan# 2183
Delta R.T. -0.003 min
Lab File: VN067176.D
Acq: 26 May 2021 18:52

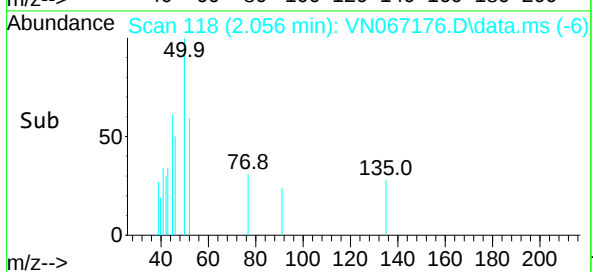
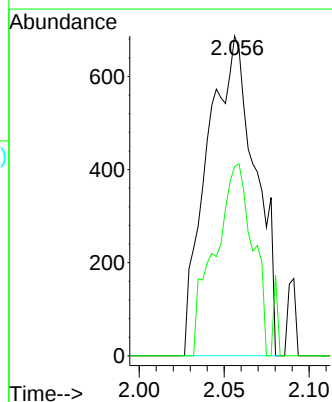
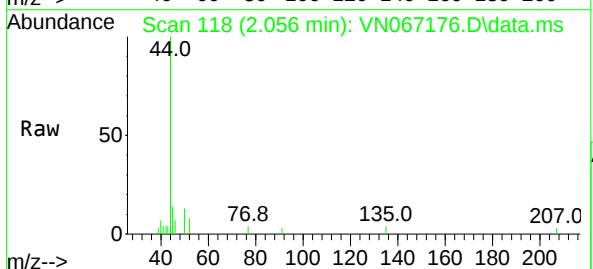
Instrument :
MSVOA_N
ClientSampleId :
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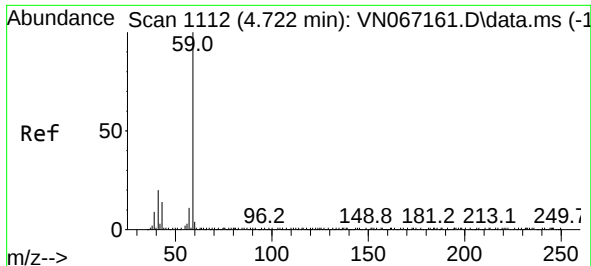
Tgt Ion:168 Resp: 304116
Ion Ratio Lower Upper
168 100
99 63.9 38.5 57.7#



#3
Chloromethane
Concen: 0.25 ug/l
RT: 2.056 min Scan# 118
Delta R.T. 0.000 min
Lab File: VN067176.D
Acq: 26 May 2021 18:52

Tgt Ion: 50 Resp: 1359
Ion Ratio Lower Upper
50 100
52 59.2 26.5 39.7#



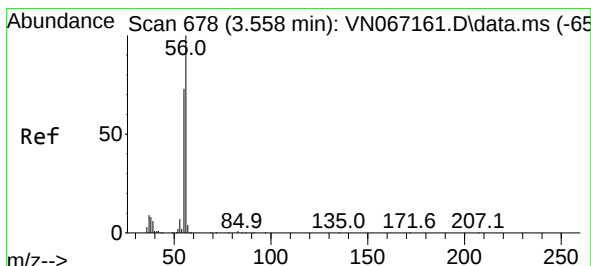
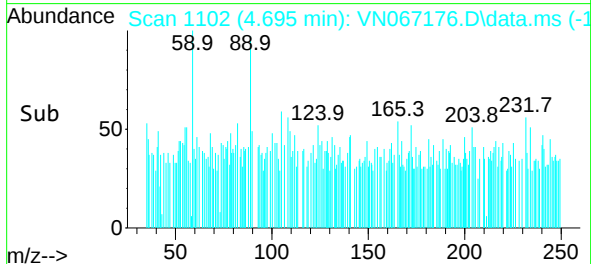
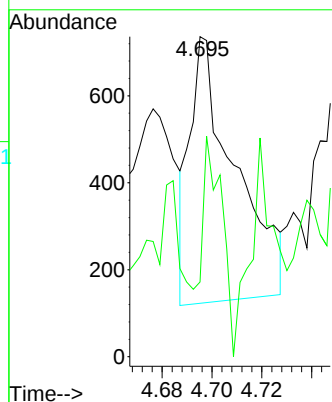
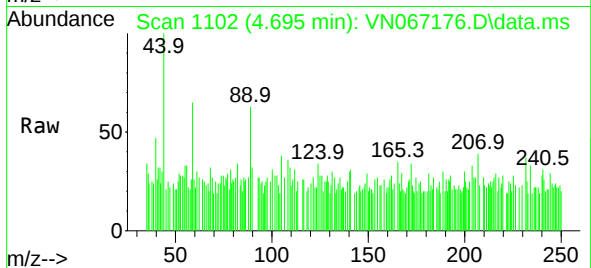


#11

Tert butyl alcohol
Concen: 0.78 ug/l
RT: 4.695 min Scan# 1102
Delta R.T. -0.027 min
Lab File: VN067176.D
Acq: 26 May 2021 18:52

Instrument :
MSVOA_N
ClientSampled :
41815

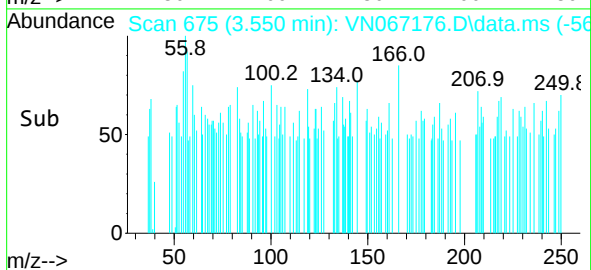
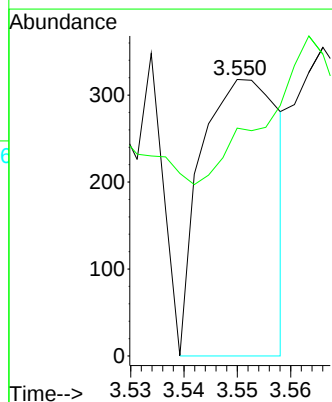
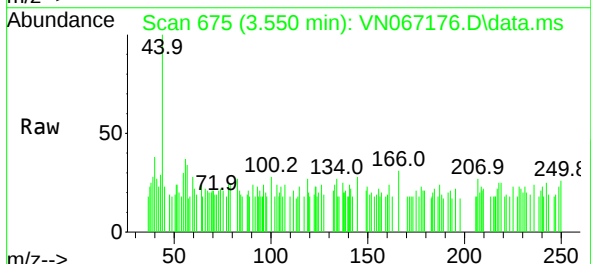
Tgt Ion: 59 Resp: 771
Ion Ratio Lower Upper
59 100
57 36.1 3.5 5.3#

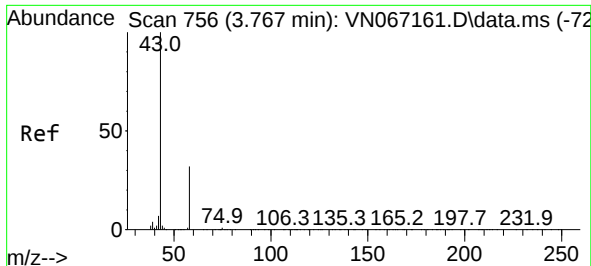


#13

Acrolein
Concen: 0.39 ug/l
RT: 3.550 min Scan# 675
Delta R.T. -0.008 min
Lab File: VN067176.D
Acq: 26 May 2021 18:52

Tgt Ion: 56 Resp: 320
Ion Ratio Lower Upper
56 100
55 39.4 53.8 80.6#

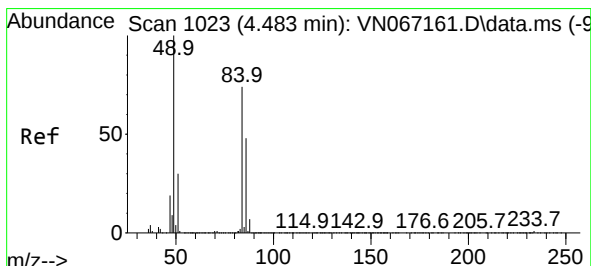
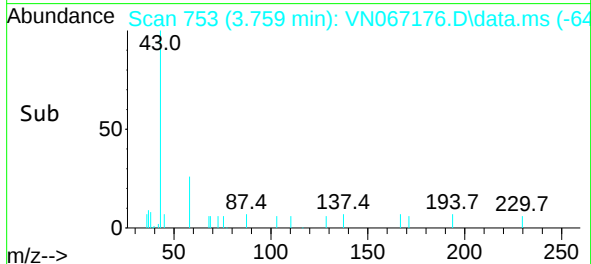
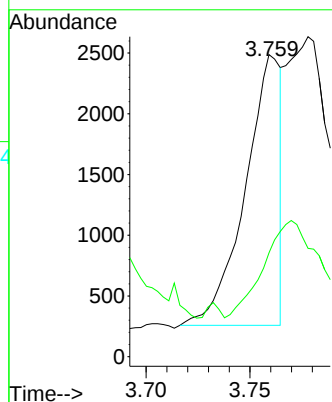
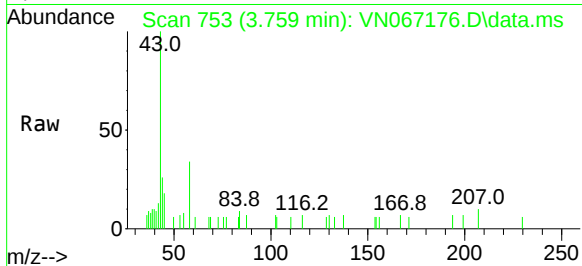




#16
Acetone
Concen: 1.37 ug/l
RT: 3.759 min Scan# 753
Delta R.T. -0.008 min
Lab File: VN067176.D
Acq: 26 May 2021 18:52

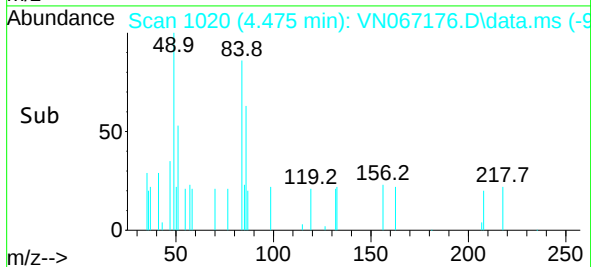
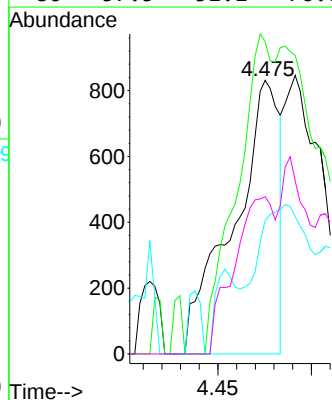
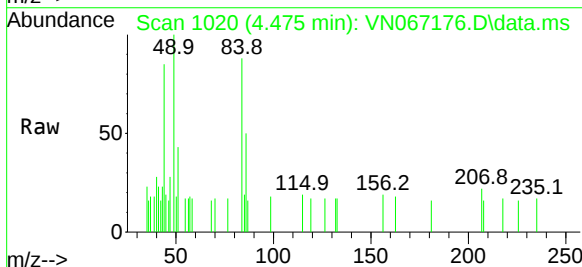
Instrument :
MSVOA_N
ClientSampleId :
41815

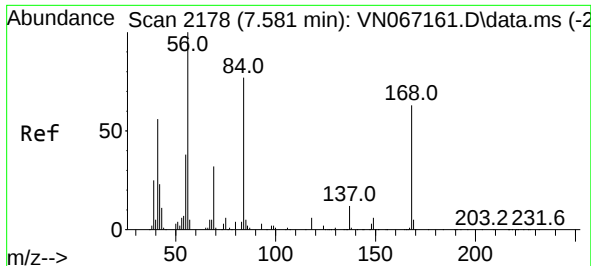
Tgt Ion: 43 Resp: 2652
Ion Ratio Lower Upper
43 100
58 19.4 27.2 40.8#



#20
Methylene Chloride
Concen: 0.30 ug/l
RT: 4.475 min Scan# 1020
Delta R.T. -0.008 min
Lab File: VN067176.D
Acq: 26 May 2021 18:52

Tgt Ion: 84 Resp: 1409
Ion Ratio Lower Upper
84 100
49 92.9 88.3 132.5
51 48.9 26.7 40.1#
86 57.5 51.1 76.7

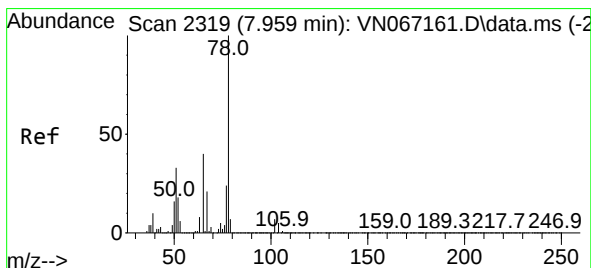
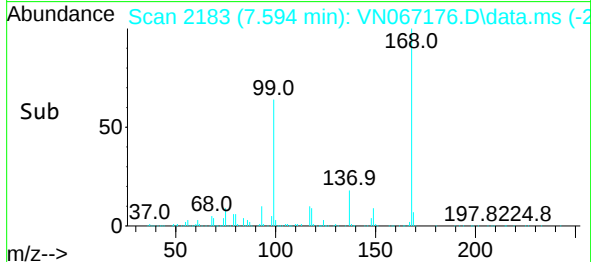
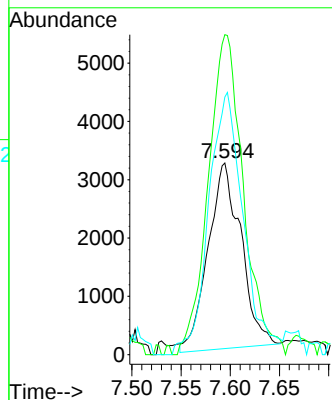
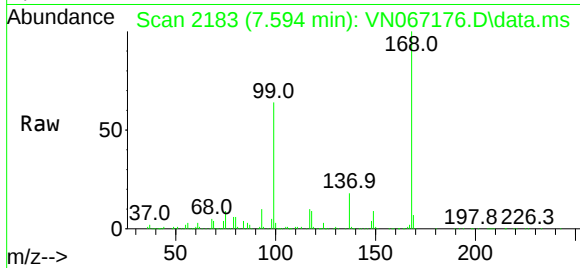




#31
Cyclohexane
Concen: 1.02 ug/l
RT: 7.594 min Scan# 2183
Delta R.T. 0.013 min
Lab File: VN067176.D
Acq: 26 May 2021 18:52

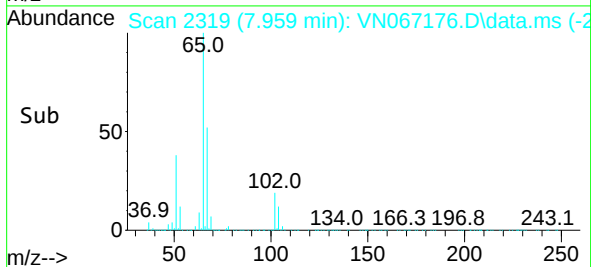
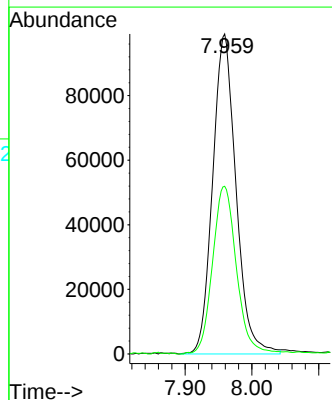
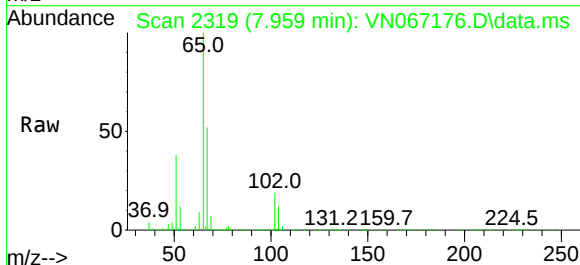
Instrument :
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ClientSampleId :
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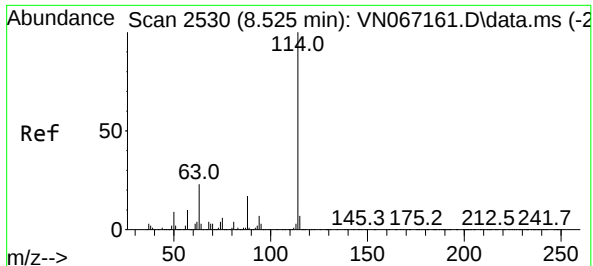
Tgt Ion: 56 Resp: 7419
Ion Ratio Lower Upper
56 100
69 171.7 28.0 42.0#
84 147.0 74.2 111.2#



#33
1,2-Dichloroethane-d4
Concen: 51.03 ug/l
RT: 7.959 min Scan# 2319
Delta R.T. 0.000 min
Lab File: VN067176.D
Acq: 26 May 2021 18:52

Tgt Ion: 65 Resp: 240827
Ion Ratio Lower Upper
65 100
67 53.7 0.0 110.4

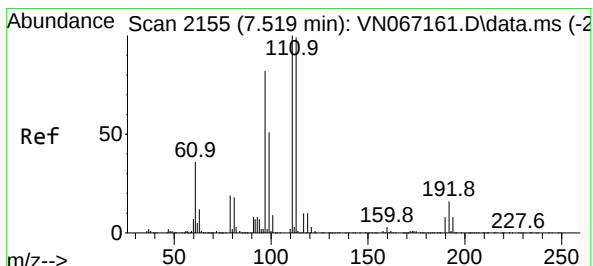
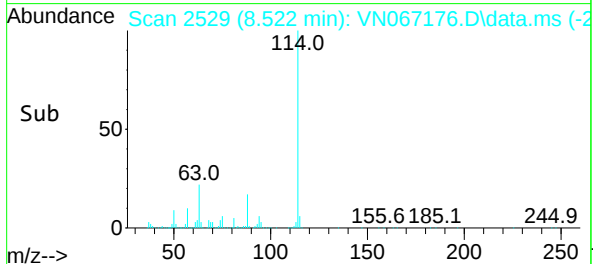
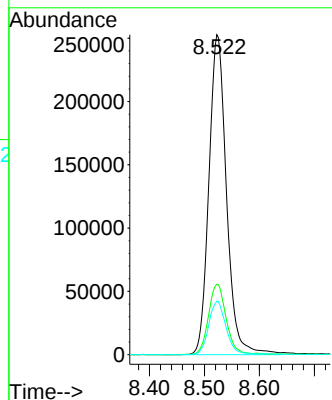
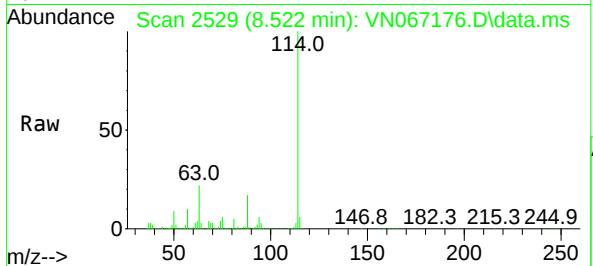




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.522 min Scan# 2529
Delta R.T. -0.003 min
Lab File: VN067176.D
Acq: 26 May 2021 18:52

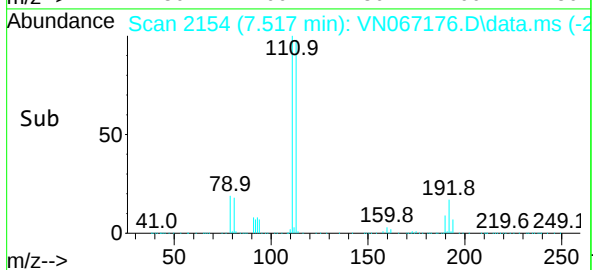
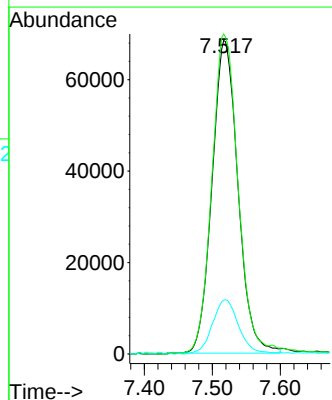
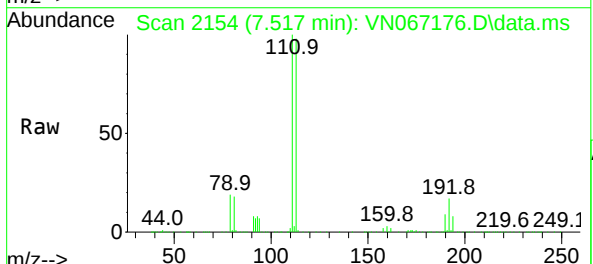
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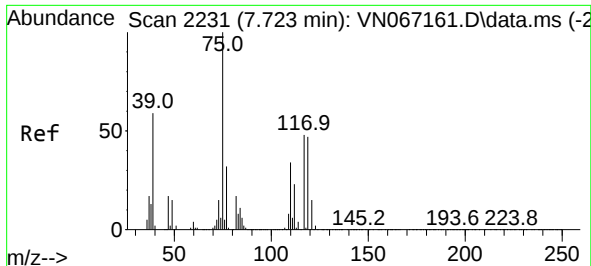
Tgt Ion:114 Resp: 561907
Ion Ratio Lower Upper
114 100
63 22.0 0.0 35.8
88 16.7 0.0 30.4



#35
Dibromofluoromethane
Concen: 52.48 ug/l
RT: 7.517 min Scan# 2154
Delta R.T. -0.002 min
Lab File: VN067176.D
Acq: 26 May 2021 18:52

Tgt Ion:113 Resp: 180954
Ion Ratio Lower Upper
113 100
111 102.2 82.6 124.0
192 17.6 18.2 27.4#

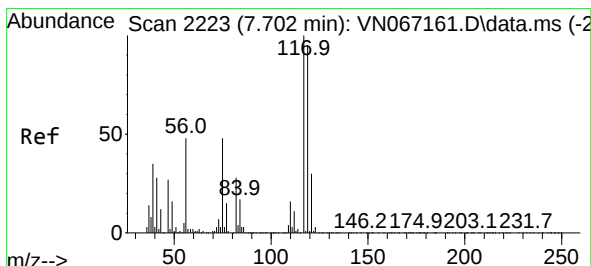
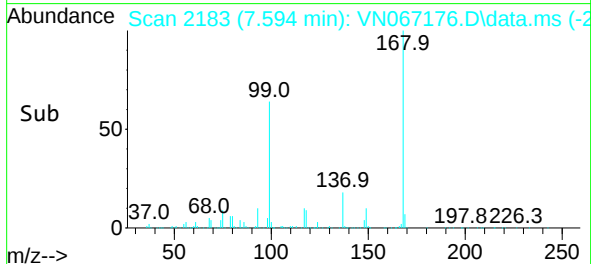
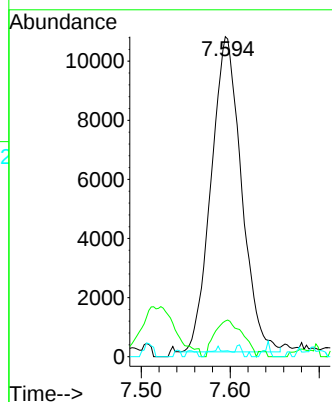
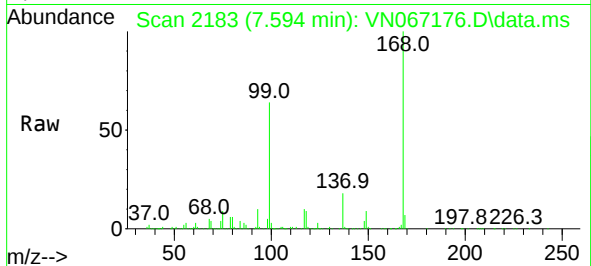




#36
 1,1-Dichloropropene
 Concen: 4.44 ug/l
 RT: 7.594 min Scan# 2183
 Delta R.T. -0.129 min
 Lab File: VN067176.D
 Acq: 26 May 2021 18:52

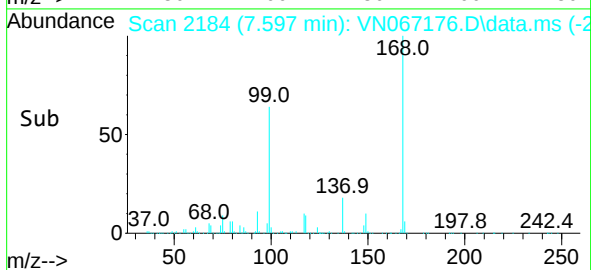
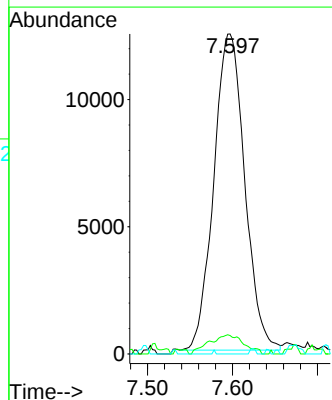
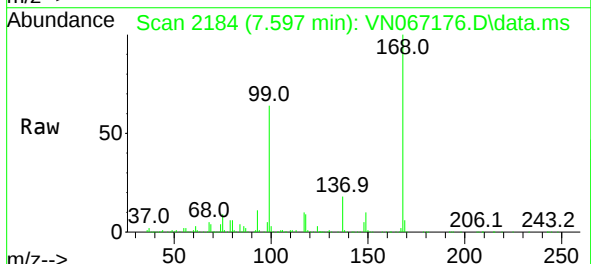
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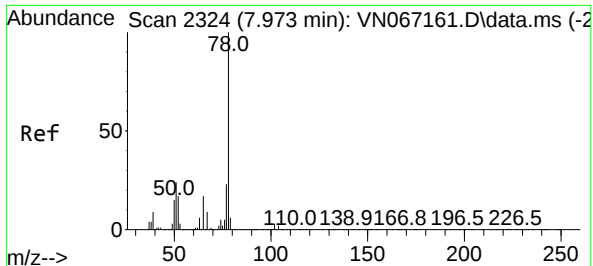
Tgt Ion: 75 Resp: 25213
 Ion Ratio Lower Upper
 75 100
 110 10.5 19.1 57.3#
 77 1.5 24.8 37.2#



#38
 Carbon Tetrachloride
 Concen: 5.69 ug/l
 RT: 7.597 min Scan# 2184
 Delta R.T. -0.105 min
 Lab File: VN067176.D
 Acq: 26 May 2021 18:52

Tgt Ion: 117 Resp: 31466
 Ion Ratio Lower Upper
 117 100
 119 5.8 78.2 117.2#
 121 0.0 24.7 37.1#





#40

Benzene

Concen: 0.48 ug/l

RT: 7.975 min Scan# 2325

Delta R.T. 0.002 min

Lab File: VN067176.D

Acq: 26 May 2021 18:52

Tgt Ion: 78 Resp: 8252

Ion Ratio Lower Upper

78 100

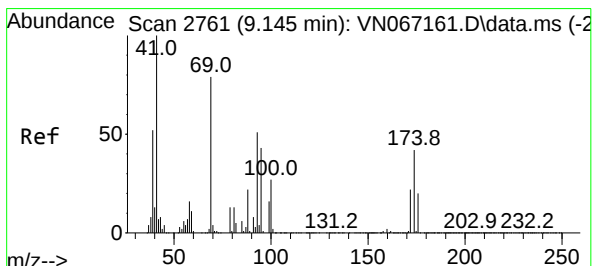
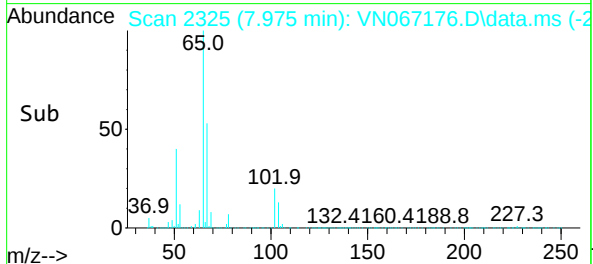
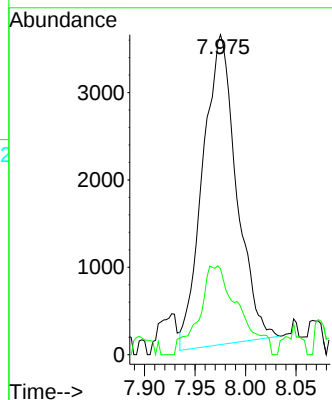
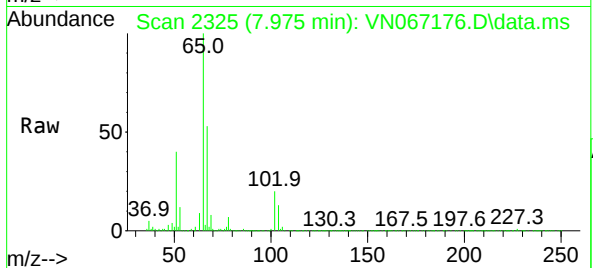
77 23.8 18.4 27.6

Instrument :

MSVOA_N

ClientSampled :

41815



#49

1,4-Dioxane

Concen: 62.32 ug/l

RT: 8.951 min Scan# 2689

Delta R.T. -0.194 min

Lab File: VN067176.D

Acq: 26 May 2021 18:52

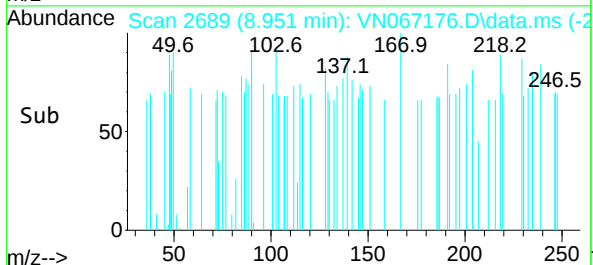
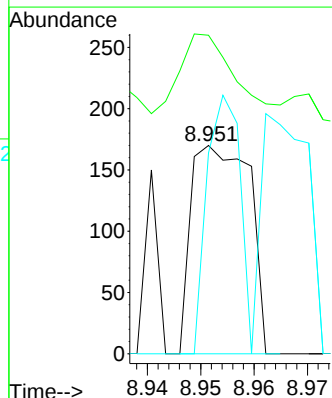
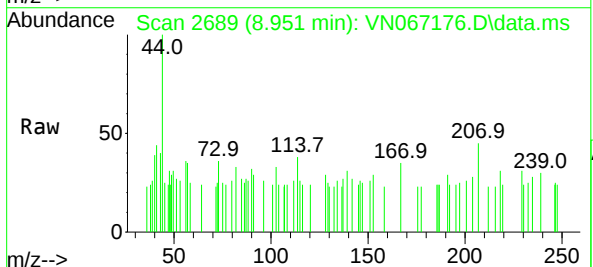
Tgt Ion: 88 Resp: 129

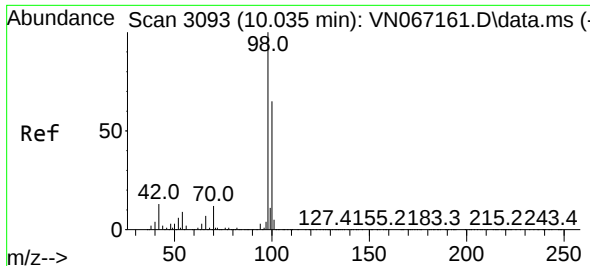
Ion Ratio Lower Upper

88 100

43 28.7 21.8 32.8

58 70.5 50.8 76.2

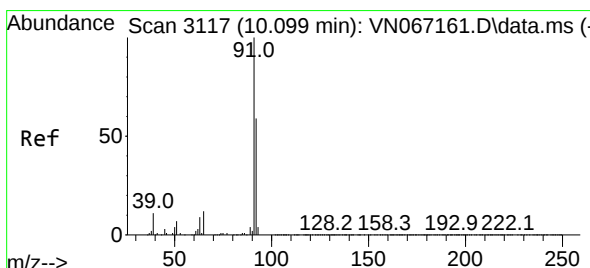
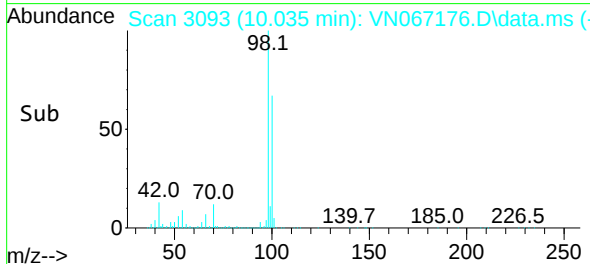
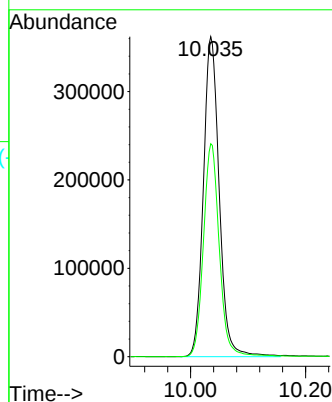
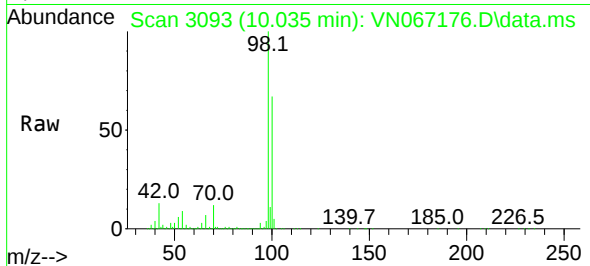




#50
Toluene-d8
Concen: 52.24 ug/l
RT: 10.035 min Scan# 3093
Delta R.T. -0.000 min
Lab File: VN067176.D
Acq: 26 May 2021 18:52

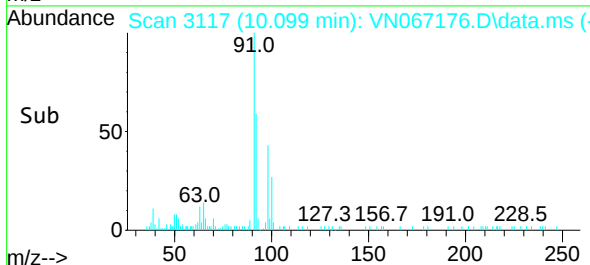
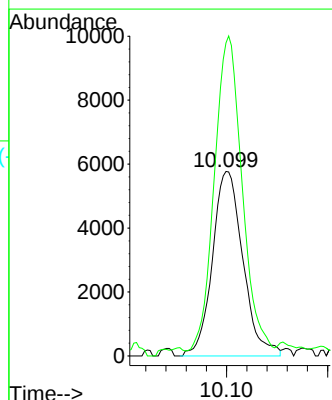
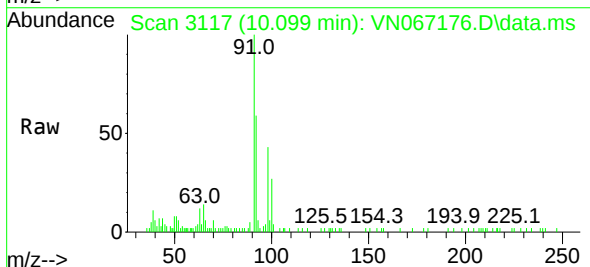
Instrument :
MSVOA_N
ClientSampleId :
41815

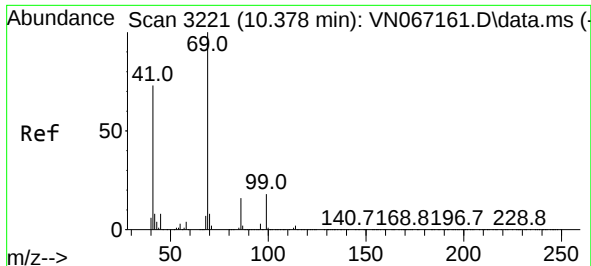
Tgt Ion: 98 Resp: 693316
Ion Ratio Lower Upper
98 100
100 66.6 51.8 77.8



#52
Toluene
Concen: 1.16 ug/l
RT: 10.099 min Scan# 3117
Delta R.T. 0.000 min
Lab File: VN067176.D
Acq: 26 May 2021 18:52

Tgt Ion: 92 Resp: 12089
Ion Ratio Lower Upper
92 100
91 154.4 138.7 208.1

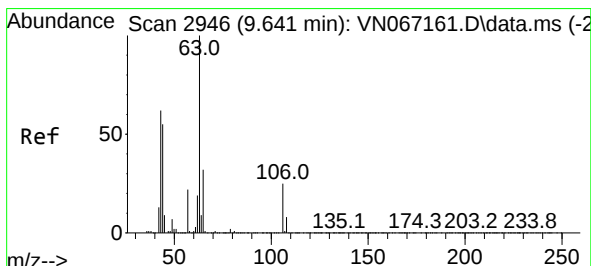
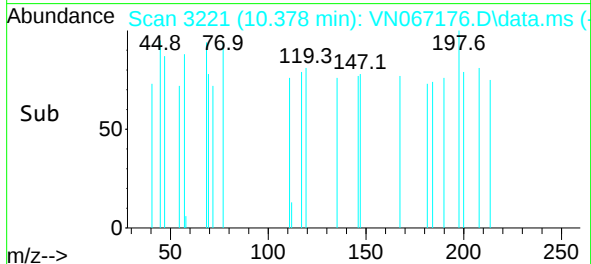
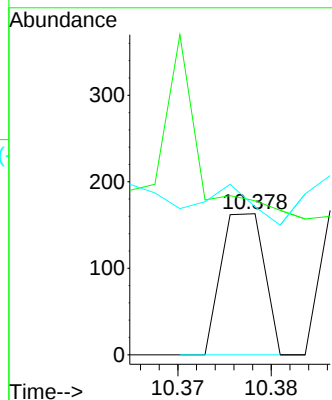
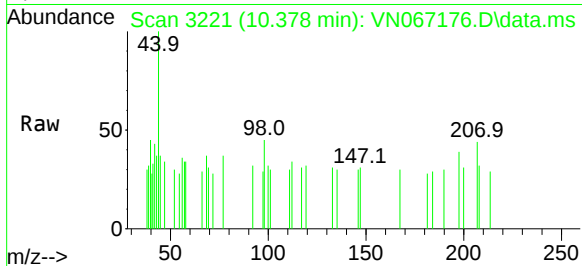




#56
Ethyl methacrylate
Concen: 2.80 ug/l
RT: 10.378 min Scan# 3221
Delta R.T. 0.000 min
Lab File: VN067176.D
Acq: 26 May 2021 18:52

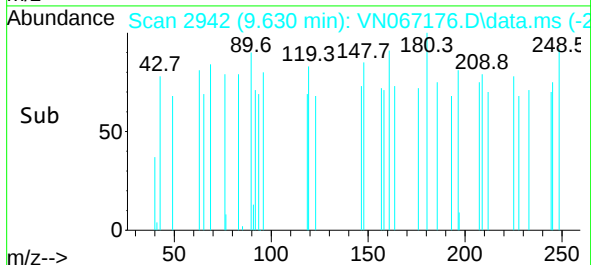
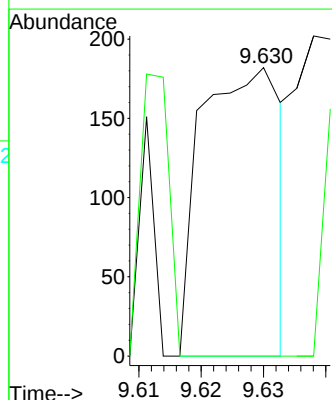
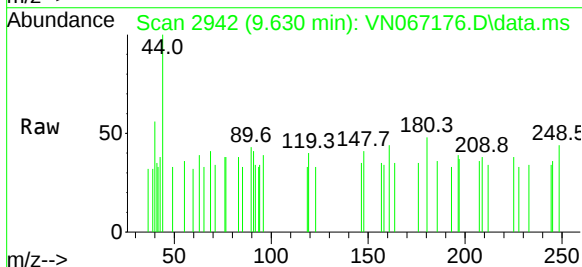
Instrument :
MSVOA_N
ClientSampleId :
41815

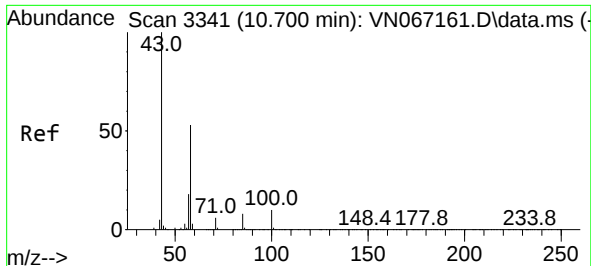
Tgt Ion:	69	Resp:	52
Ion	Ratio	Lower	Upper
69	100		
41	113.5	45.5	68.3#
39	280.8	22.9	34.3#



#58
2-Chloroethyl Vinyl ether
Concen: 6.89 ug/l
RT: 9.630 min Scan# 2942
Delta R.T. -0.011 min
Lab File: VN067176.D
Acq: 26 May 2021 18:52

Tgt Ion:	63	Resp:	161
Ion	Ratio	Lower	Upper
63	100		
106	0.0	23.9	35.9#

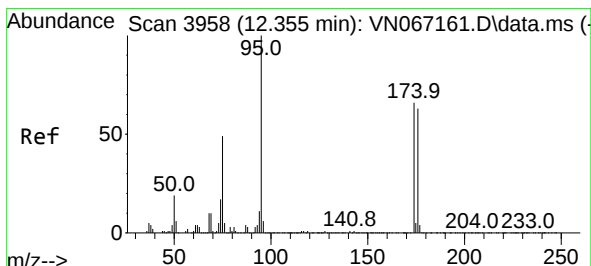
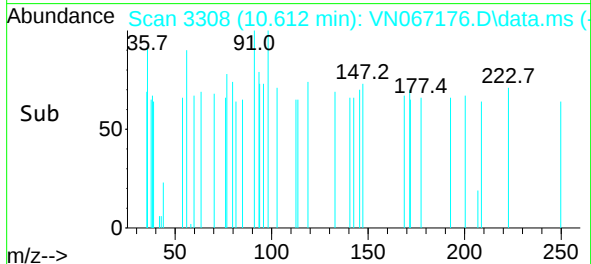
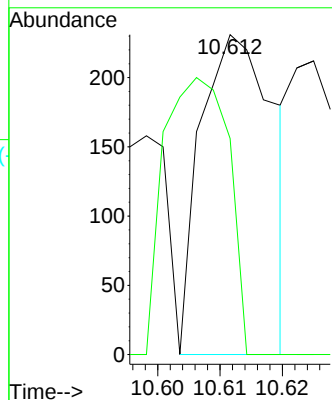
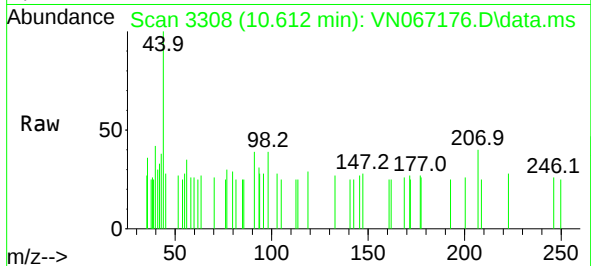




#59
2-Hexanone
Concen: 18.90 ug/l
RT: 10.612 min Scan# 3308
Delta R.T. -0.088 min
Lab File: VN067176.D
Acq: 26 May 2021 18:52

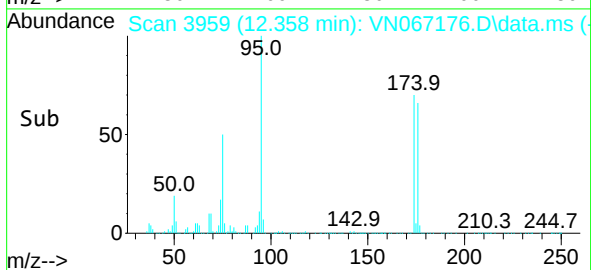
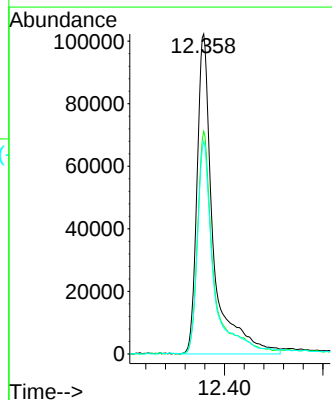
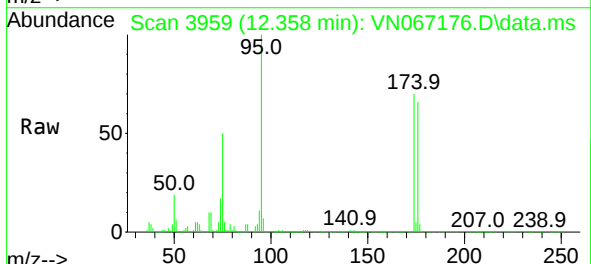
Instrument :
MSVOA_N
ClientSampleId :
41815

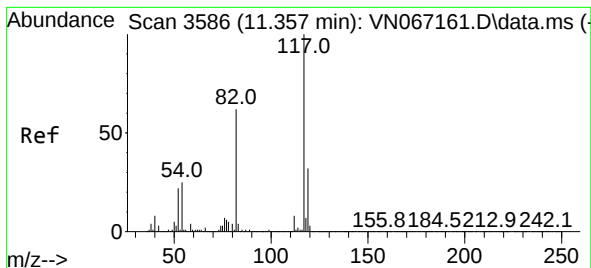
Tgt Ion: 43 Resp: 188
Ion Ratio Lower Upper
43 100
58 76.6 29.8 89.5



#62
4-Bromofluorobenzene
Concen: 51.87 ug/l
RT: 12.358 min Scan# 3959
Delta R.T. 0.003 min
Lab File: VN067176.D
Acq: 26 May 2021 18:52

Tgt Ion: 95 Resp: 235323
Ion Ratio Lower Upper
95 100
174 68.5 0.0 182.8
176 65.4 0.0 176.6

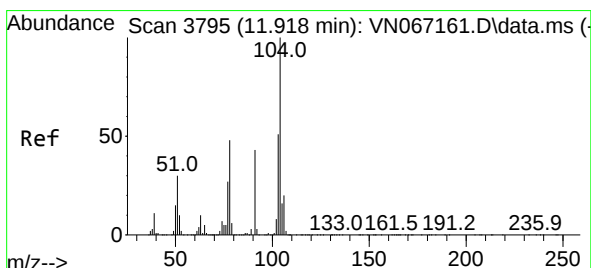
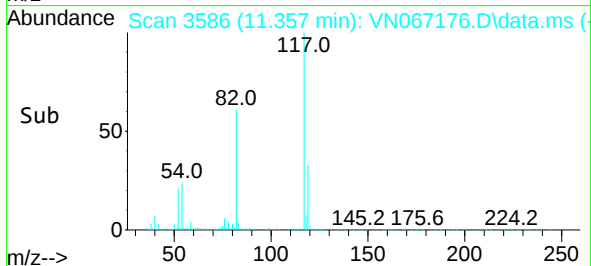
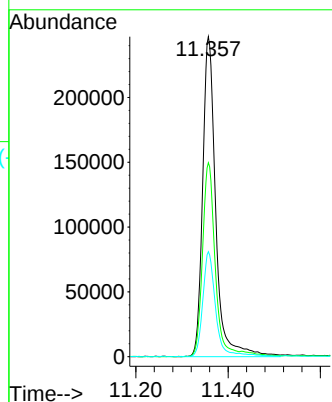
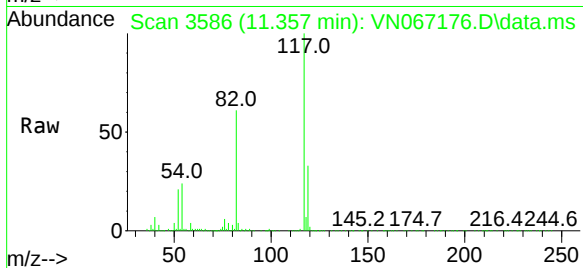




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.357 min Scan# 3586
Delta R.T. 0.000 min
Lab File: VN067176.D
Acq: 26 May 2021 18:52

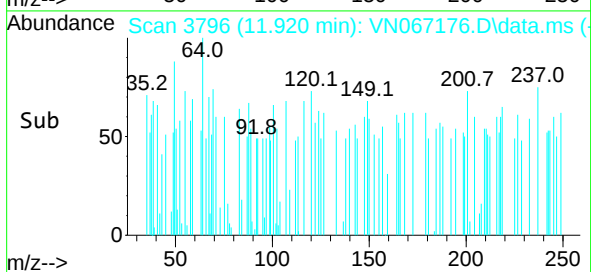
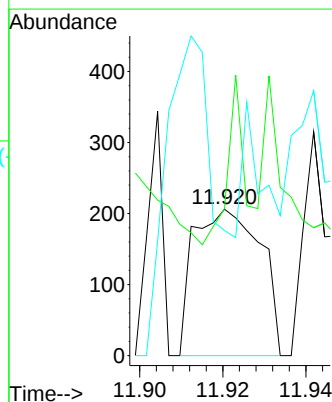
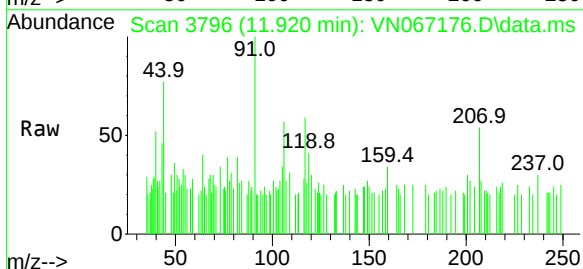
Instrument :
MSVOA_N
ClientSampleId :
41815

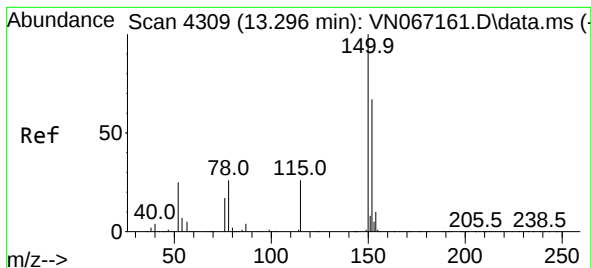
Tgt Ion:	117	Resp:	486260
Ion	Ratio	Lower	Upper
117	100		
82	60.5	42.2	63.2
119	32.7	25.8	38.6



#70
Styrene
Concen: 2.52 ug/l
RT: 11.920 min Scan# 3796
Delta R.T. 0.002 min
Lab File: VN067176.D
Acq: 26 May 2021 18:52

Tgt Ion:	104	Resp:	231
Ion	Ratio	Lower	Upper
104	100		
78	45.0	37.7	56.5
103	25.1	44.2	66.4

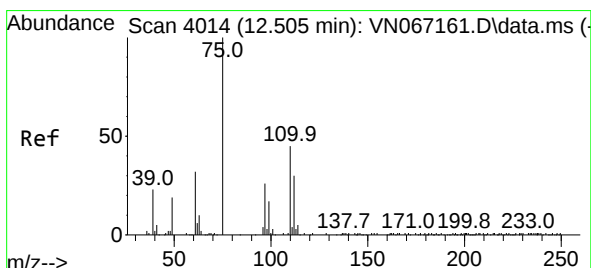
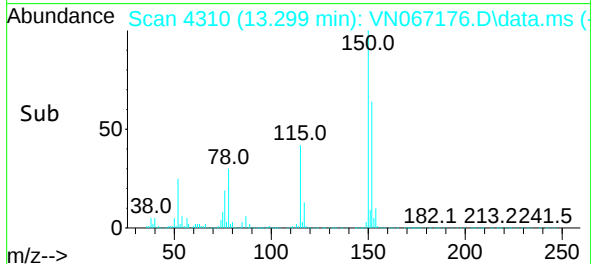
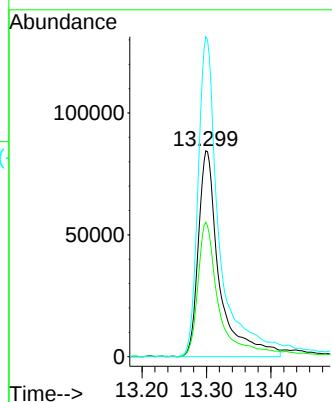
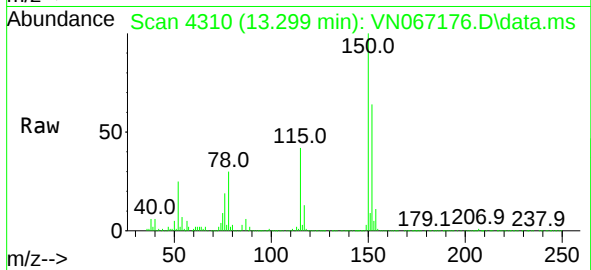




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.299 min Scan# 4310
Delta R.T. 0.003 min
Lab File: VN067176.D
Acq: 26 May 2021 18:52

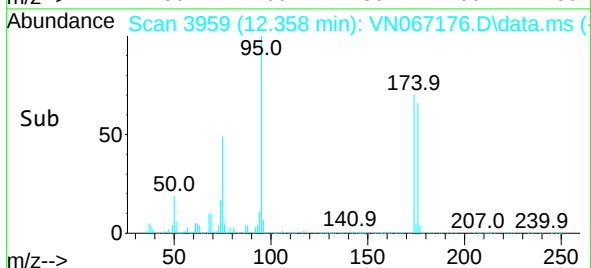
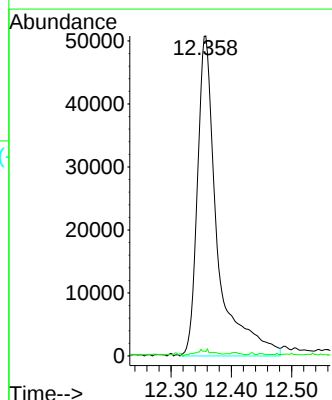
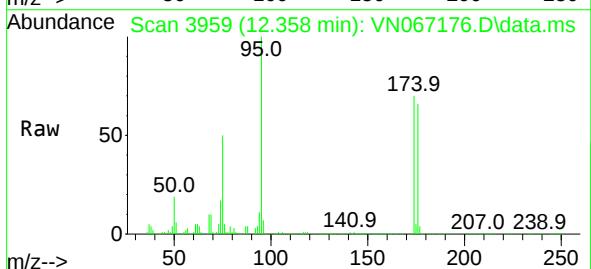
Instrument :
MSVOA_N
ClientSampled :
41815

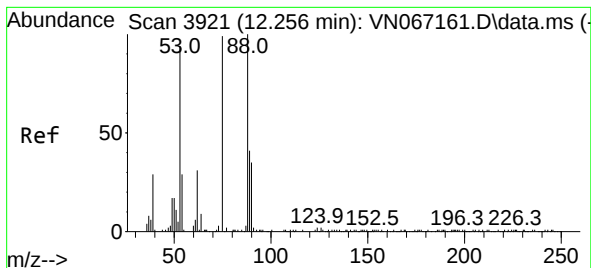
Tgt Ion:152 Resp: 191816
Ion Ratio Lower Upper
152 100
115 65.5 27.0 80.8
150 156.9 0.0 350.2



#76
1,2,3-Trichloropropane
Concen: 21.84 ug/l
RT: 12.358 min Scan# 3959
Delta R.T. -0.147 min
Lab File: VN067176.D
Acq: 26 May 2021 18:52

Tgt Ion: 75 Resp: 116641
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#

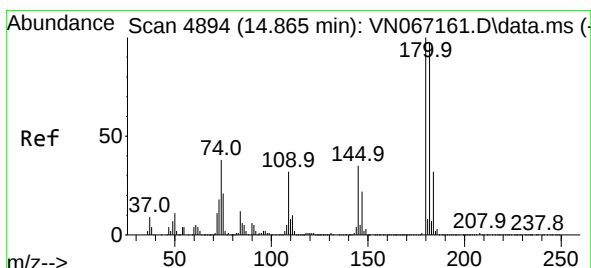
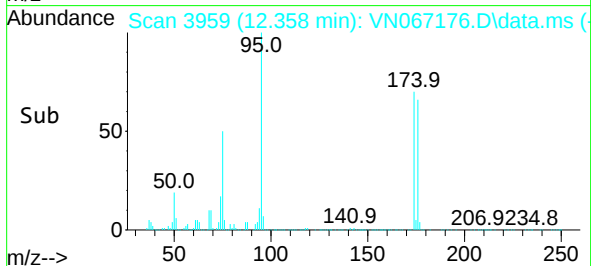
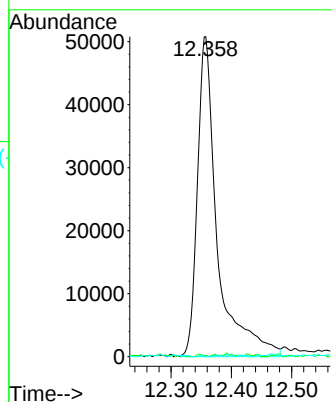
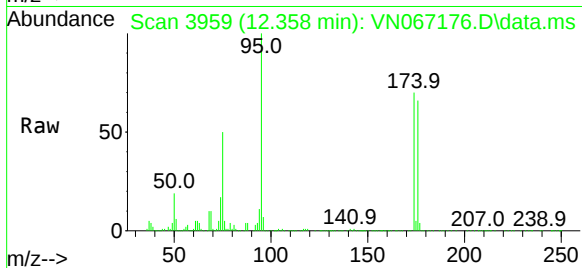




#81
trans-1,4-Dichloro-2-butene
Concen: 62.43 ug/l
RT: 12.358 min Scan# 3959
Delta R.T. 0.102 min
Lab File: VN067176.D
Acq: 26 May 2021 18:52

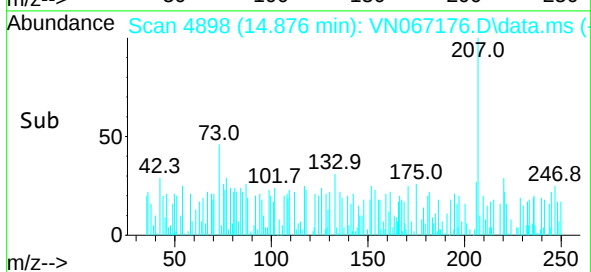
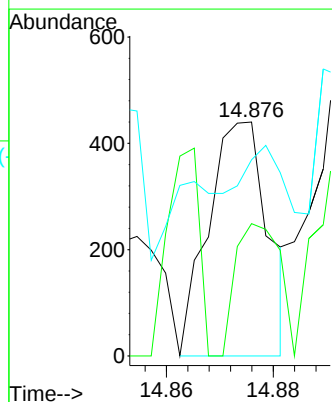
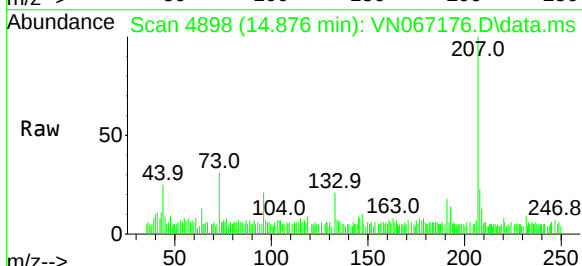
Instrument :
MSVOA_N
ClientSampled :
41815

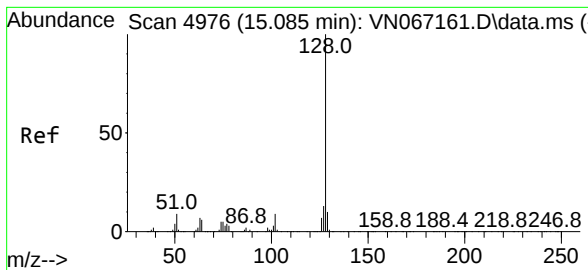
Tgt Ion: 75 Resp: 116641
Ion Ratio Lower Upper
75 100
53 0.3 66.3 99.5#
89 0.1 39.5 59.3#



#93
1,2,4-Trichlorobenzene
Concen: 3.36 ug/l
RT: 14.876 min Scan# 4898
Delta R.T. 0.011 min
Lab File: VN067176.D
Acq: 26 May 2021 18:52

Tgt Ion:180 Resp: 341
Ion Ratio Lower Upper
180 100
182 41.9 47.3 141.8#
145 0.0 14.0 42.0#





#95
Naphthalene
Concen: 3.88 ug/l
RT: 15.072 min Scan# 4971
Delta R.T. -0.013 min
Lab File: VN067176.D
Acq: 26 May 2021 18:52

Instrument :
MSVOA_N
ClientSampleId :
41815

Tgt Ion:	128	Resp:	191
Ion	Ratio	Lower	Upper
128	100		
127	94.2	10.2	15.2#
129	62.3	8.6	13.0#

