

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052621\
 Data File : VN067175.D
 Acq On : 26 May 2021 18:28
 Operator : JC/MD
 Sample : M2529-03 50X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 41822

Quant Time: May 27 02:42:13 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)

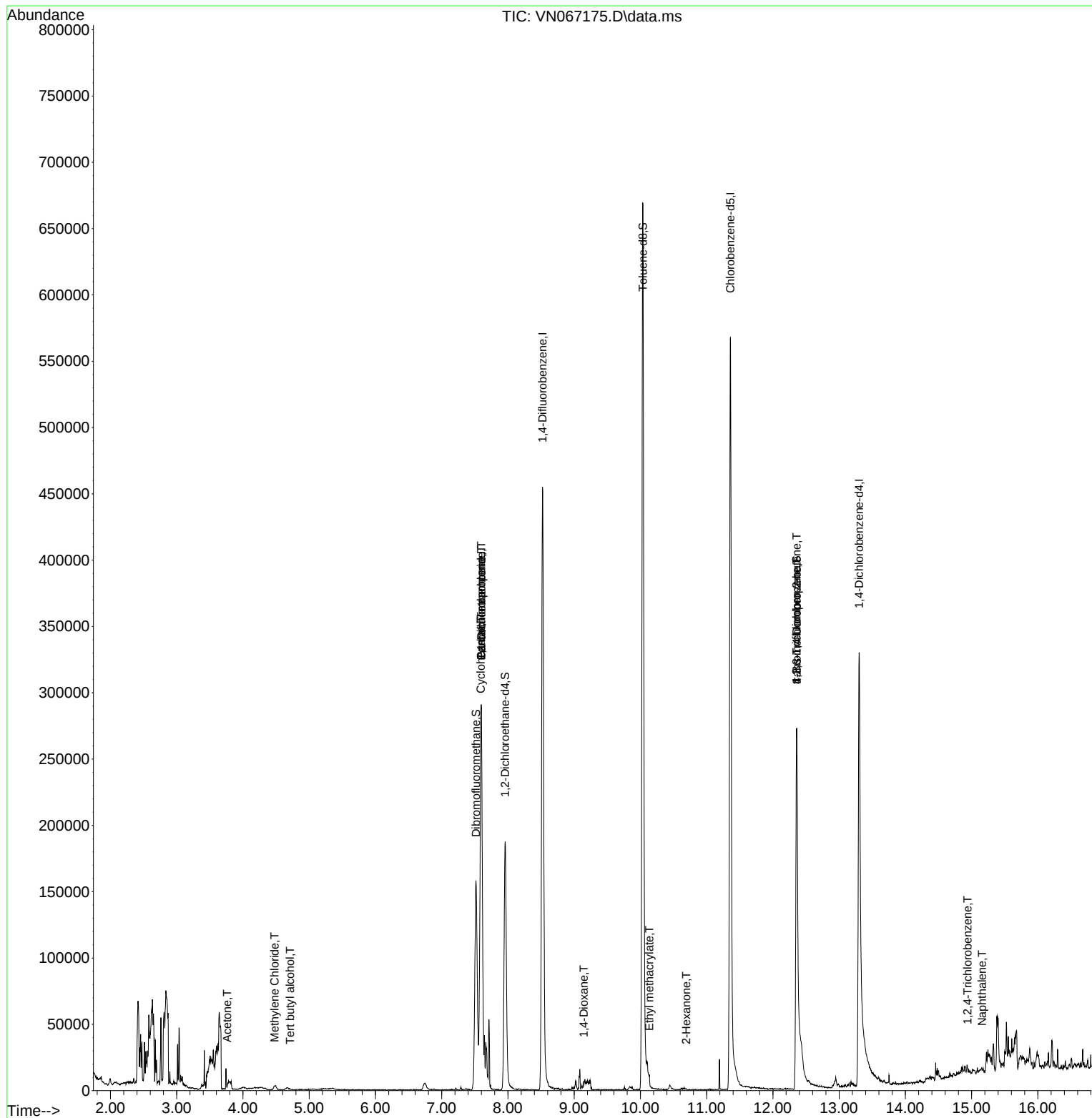
Internal Standards						
1) Pentafluorobenzene	7.597	168	223506	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.522	114	422507	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.360	117	366875	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.301	152	124480	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.959	65	168808	48.67	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	97.34%		
35) Dibromofluoromethane	7.519	113	129240	49.84	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	99.68%		
50) Toluene-d8	10.038	98	481487	48.25	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	96.50%		
62) 4-Bromofluorobenzene	12.360	95	134151	39.32	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	78.64%		
Target Compounds						
						Qvalue
11) Tert butyl alcohol	4.711	59	170	0.23	ug/l	# 87
16) Acetone	3.762	43	932	0.65	ug/l	99
20) Methylene Chloride	4.475	84	922	0.26	ug/l	# 82
31) Cyclohexane	7.589	56	3042	0.57	ug/l	# 24
36) 1,1-Dichloropropene	7.597	75	20462	4.79	ug/l	# 48
38) Carbon Tetrachloride	7.597	117	24841	5.97	ug/l	# 16
49) 1,4-Dioxane	9.144	88	25	61.02	ug/l	# 1
56) Ethyl methacrylate	10.134	69	50	2.80	ug/l	# 1
59) 2-Hexanone	10.692	43	123	18.90	ug/l	# 21
76) 1,2,3-Trichloropropane	12.357	75	76684	22.13	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.357	75	76684	63.16	ug/l	# 15
93) 1,2,4-Trichlorobenzene	14.940	180	48	3.28	ug/l	# 13
95) Naphthalene	15.157	128	77	3.88	ug/l	# 69

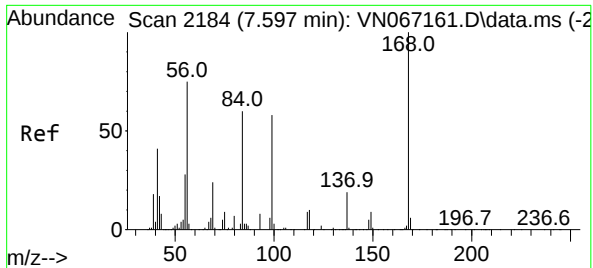
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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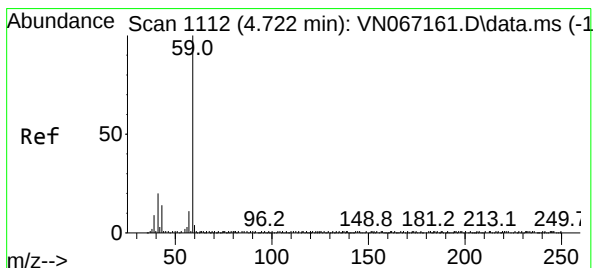
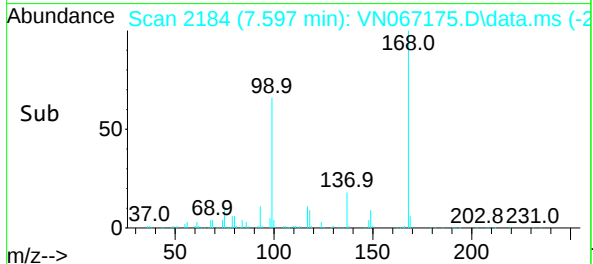
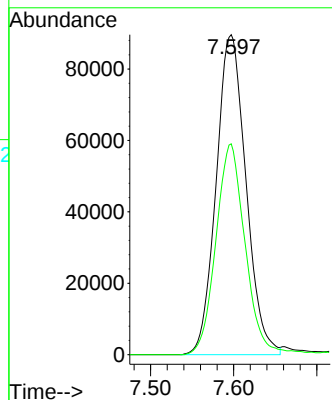
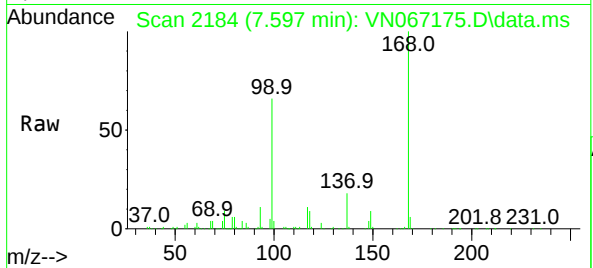




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.597 min Scan# 2184
Delta R.T. -0.000 min
Lab File: VN067175.D
Acq: 26 May 2021 18:28

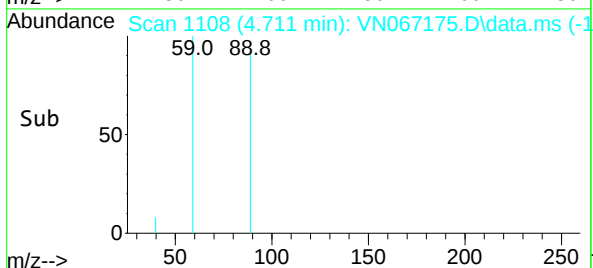
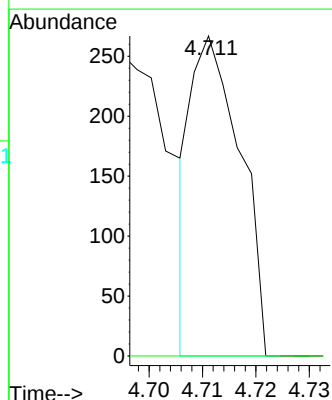
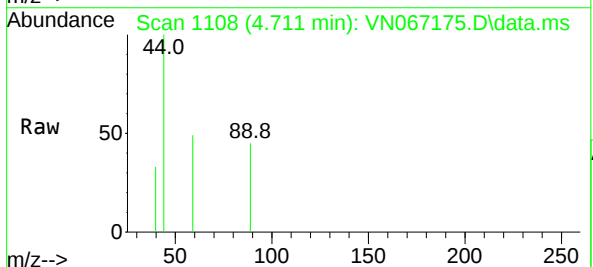
Instrument :
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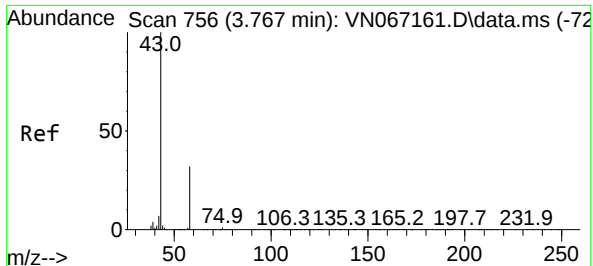
Tgt Ion:168 Resp: 223506
Ion Ratio Lower Upper
168 100
99 65.9 38.5 57.7#



#11
Tert butyl alcohol
Concen: 0.23 ug/l
RT: 4.711 min Scan# 1108
Delta R.T. -0.011 min
Lab File: VN067175.D
Acq: 26 May 2021 18:28

Tgt Ion: 59 Resp: 170
Ion Ratio Lower Upper
59 100
57 0.0 3.5 5.3#

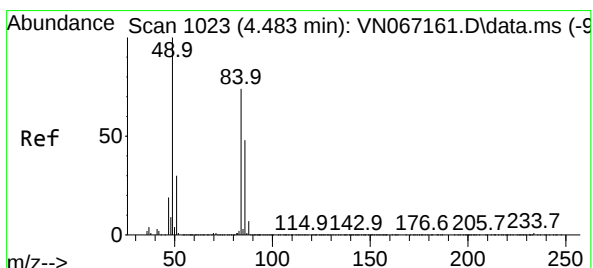
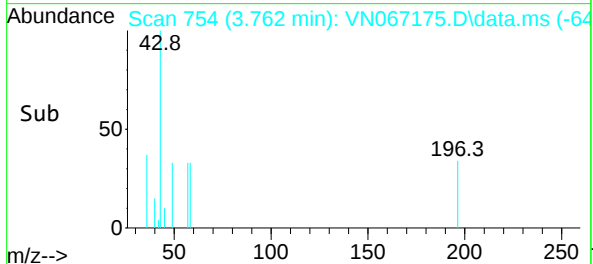
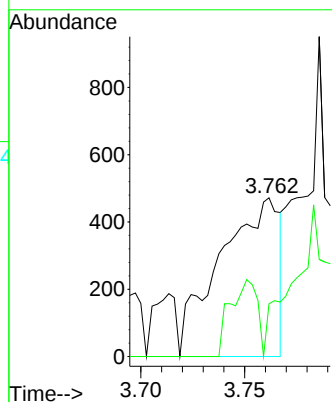
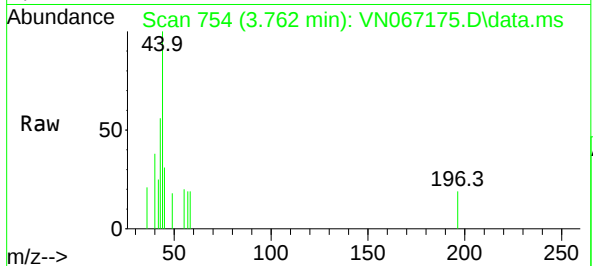




#16
Acetone
Concen: 0.65 ug/l
RT: 3.762 min Scan# 754
Delta R.T. -0.005 min
Lab File: VN067175.D
Acq: 26 May 2021 18:28

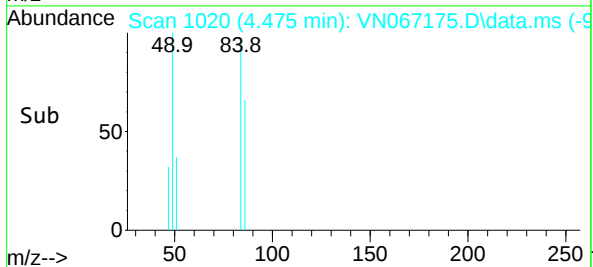
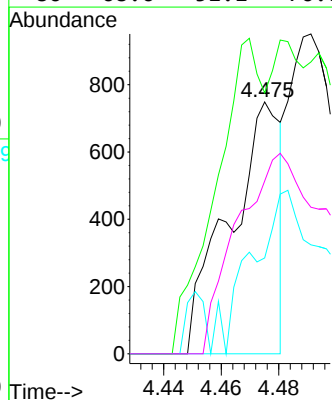
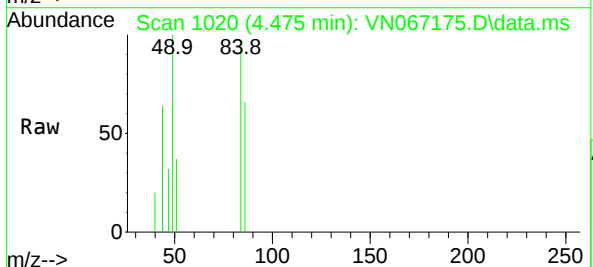
Instrument :
MSVOA_N
ClientSampleId :
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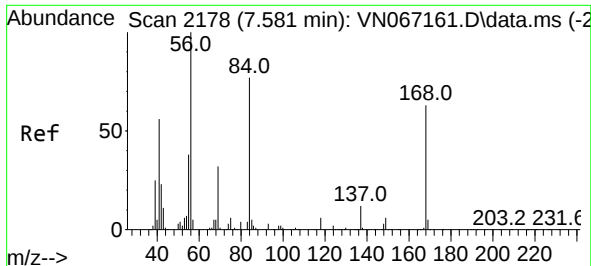
Tgt Ion: 43 Resp: 932
Ion Ratio Lower Upper
43 100
58 33.3 27.2 40.8



#20
Methylene Chloride
Concen: 0.26 ug/l
RT: 4.475 min Scan# 1020
Delta R.T. -0.008 min
Lab File: VN067175.D
Acq: 26 May 2021 18:28

Tgt Ion: 84 Resp: 922
Ion Ratio Lower Upper
84 100
49 81.0 88.3 132.5#
51 38.1 26.7 40.1
86 68.6 51.1 76.7

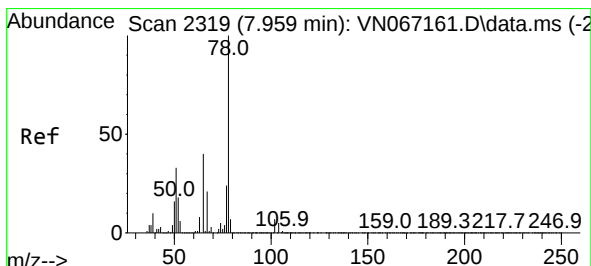
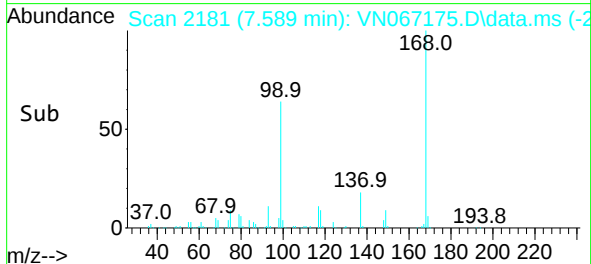
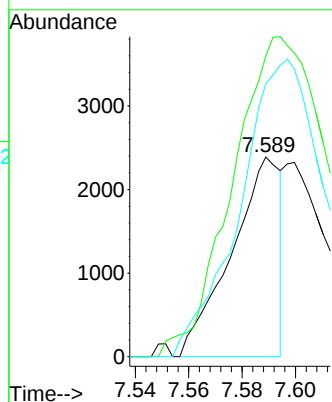
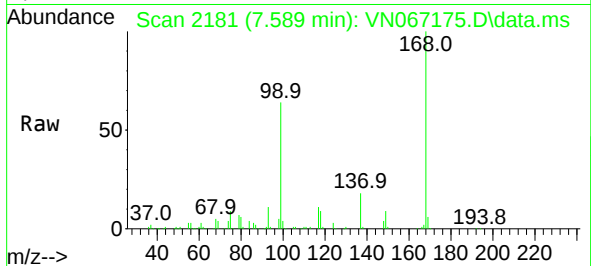




#31
Cyclohexane
Concen: 0.57 ug/l
RT: 7.589 min Scan# 2181
Delta R.T. 0.008 min
Lab File: VN067175.D
Acq: 26 May 2021 18:28

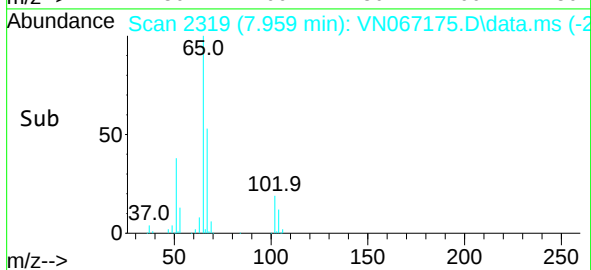
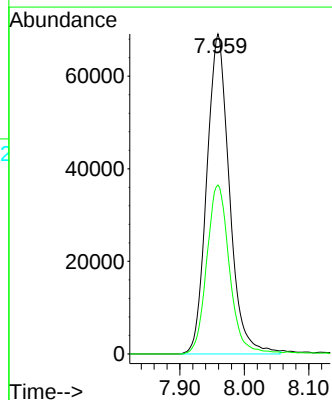
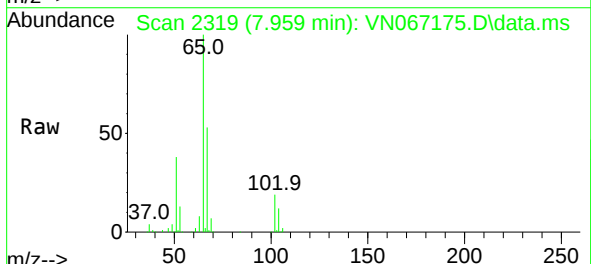
Instrument :
MSVOA_N
ClientSampleId :
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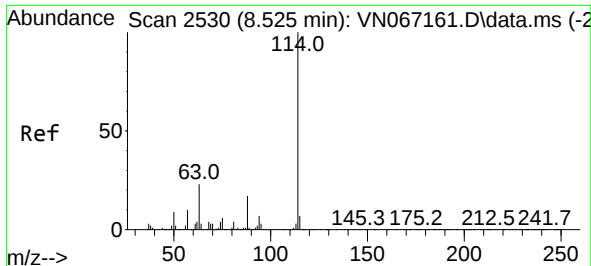
Tgt Ion: 56 Resp: 3042
Ion Ratio Lower Upper
56 100
69 139.7 28.0 42.0#
84 128.3 74.2 111.2#



#33
1,2-Dichloroethane-d4
Concen: 48.67 ug/l
RT: 7.959 min Scan# 2319
Delta R.T. -0.000 min
Lab File: VN067175.D
Acq: 26 May 2021 18:28

Tgt Ion: 65 Resp: 168808
Ion Ratio Lower Upper
65 100
67 53.0 0.0 110.4

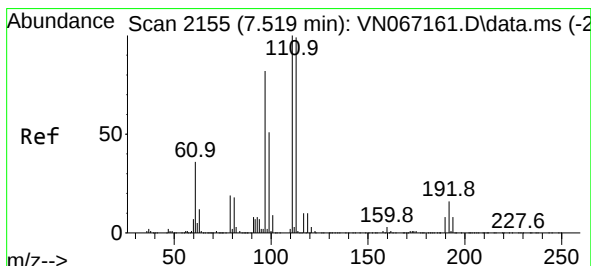
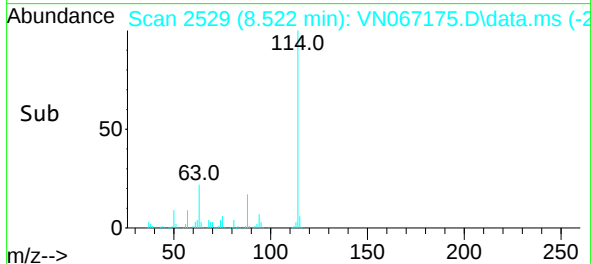
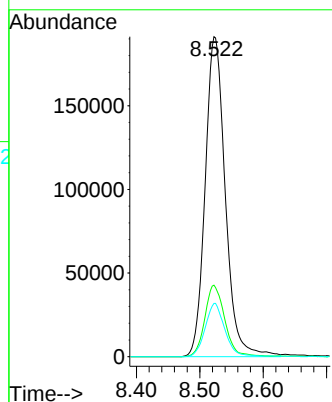
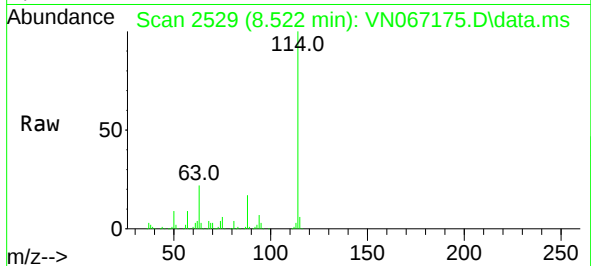




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.522 min Scan# 2529
Delta R.T. -0.003 min
Lab File: VN067175.D
Acq: 26 May 2021 18:28

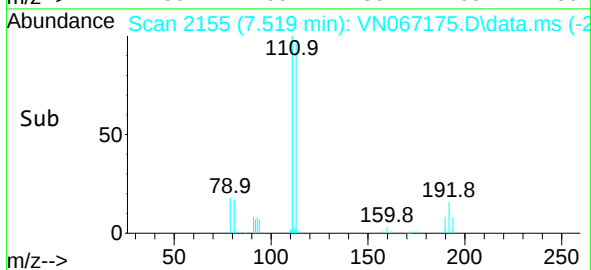
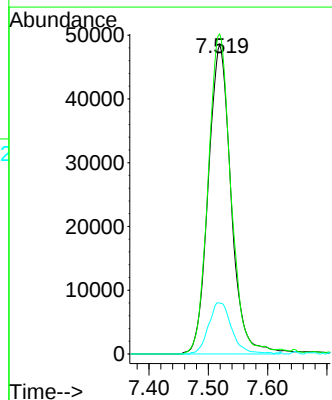
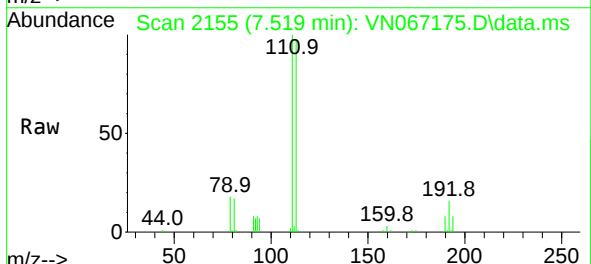
Instrument :
MSVOA_N
ClientSampleId :
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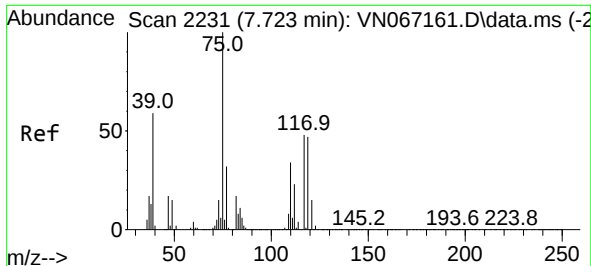
Tgt Ion:114 Resp: 422507
Ion Ratio Lower Upper
114 100
63 22.3 0.0 35.8
88 16.6 0.0 30.4



#35
Dibromofluoromethane
Concen: 49.84 ug/l
RT: 7.519 min Scan# 2155
Delta R.T. 0.000 min
Lab File: VN067175.D
Acq: 26 May 2021 18:28

Tgt Ion:113 Resp: 129240
Ion Ratio Lower Upper
113 100
111 103.6 82.6 124.0
192 16.7 18.2 27.4#

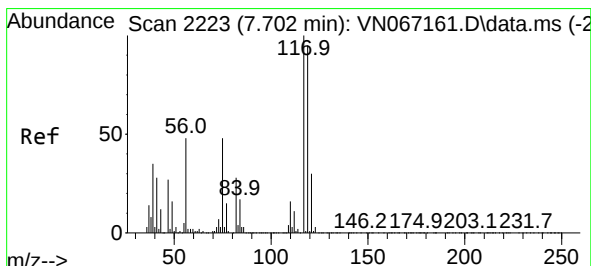
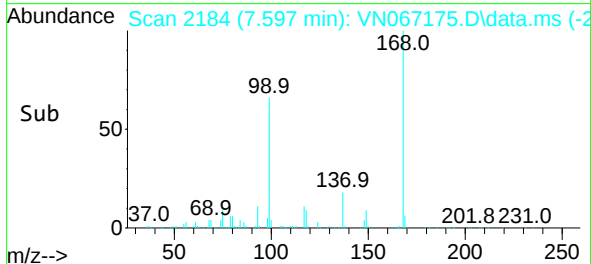
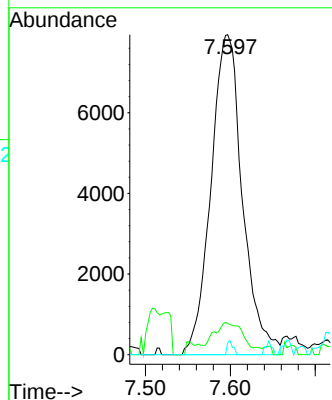
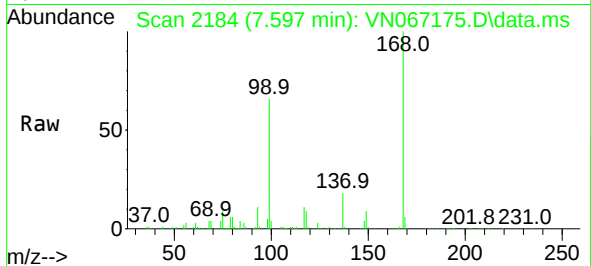




#36
 1,1-Dichloropropene
 Concen: 4.79 ug/l
 RT: 7.597 min Scan# 2184
 Delta R.T. -0.126 min
 Lab File: VN067175.D
 Acq: 26 May 2021 18:28

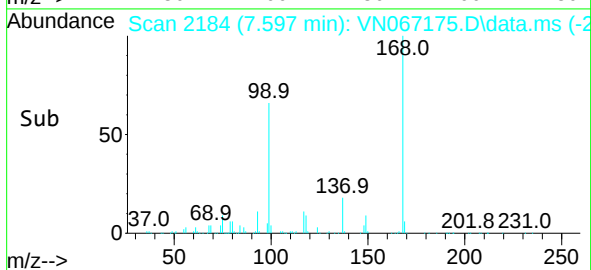
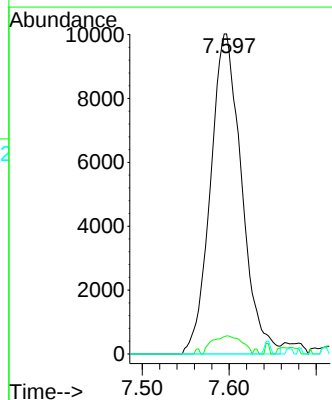
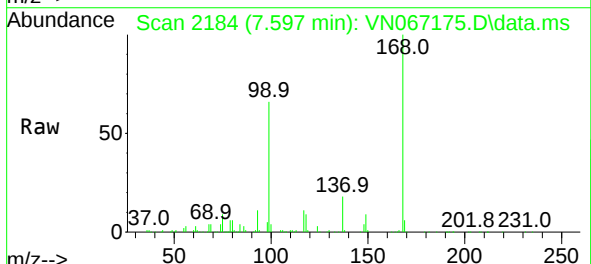
Instrument :
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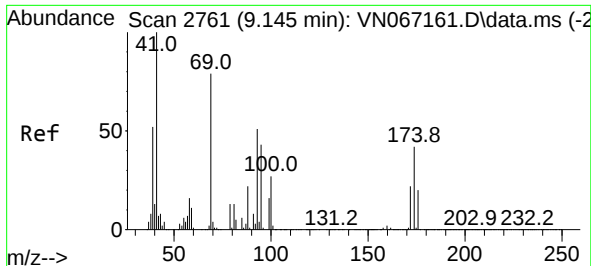
Tgt Ion: 75 Resp: 20462
 Ion Ratio Lower Upper
 75 100
 110 7.8 19.1 57.3#
 77 0.8 24.8 37.2#



#38
 Carbon Tetrachloride
 Concen: 5.97 ug/l
 RT: 7.597 min Scan# 2184
 Delta R.T. -0.105 min
 Lab File: VN067175.D
 Acq: 26 May 2021 18:28

Tgt Ion: 117 Resp: 24841
 Ion Ratio Lower Upper
 117 100
 119 5.6 78.2 117.2#
 121 0.0 24.7 37.1#

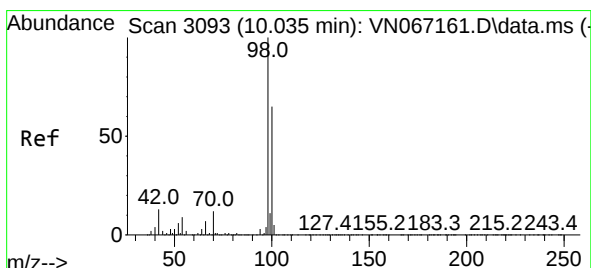
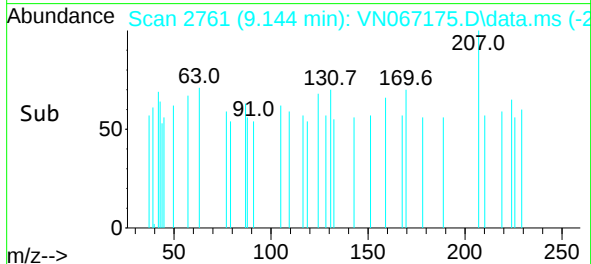
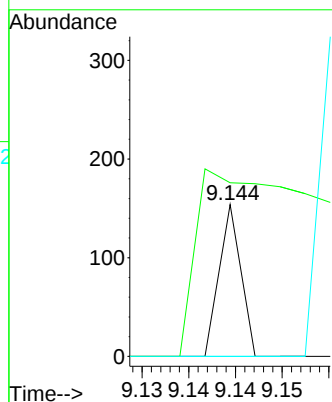
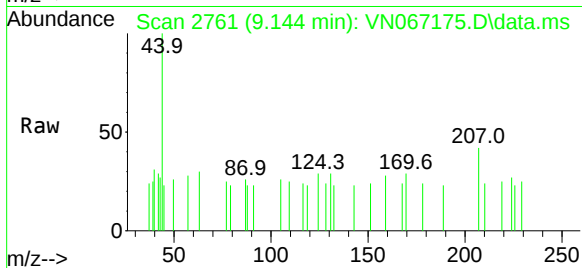




#49
1,4-Dioxane
Concen: 61.02 ug/l
RT: 9.144 min Scan# 2761
Delta R.T. -0.001 min
Lab File: VN067175.D
Acq: 26 May 2021 18:28

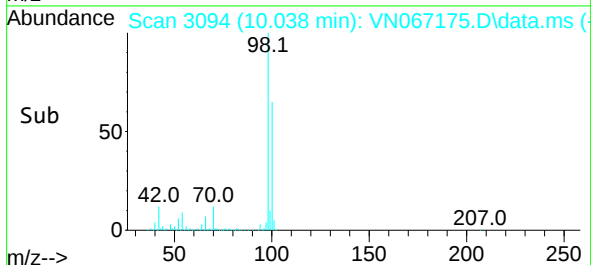
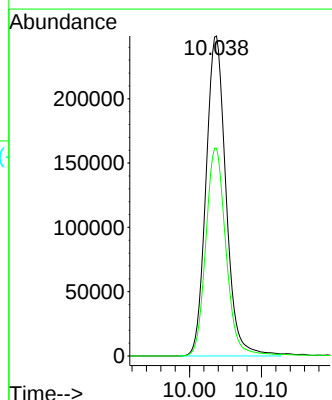
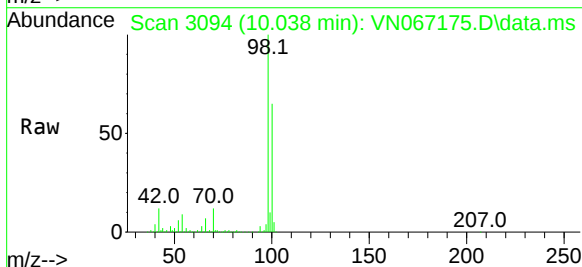
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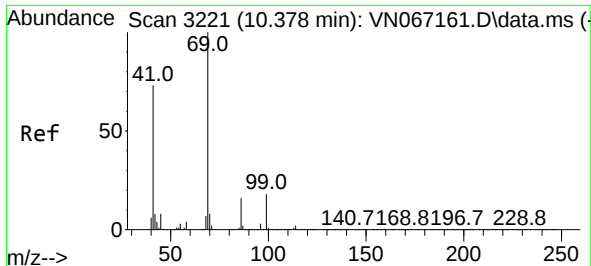
Tgt Ion: 88 Resp: 25
Ion Ratio Lower Upper
88 100
43 664.0 21.8 32.8#
58 520.0 50.8 76.2#



#50
Toluene-d8
Concen: 48.25 ug/l
RT: 10.038 min Scan# 3094
Delta R.T. 0.003 min
Lab File: VN067175.D
Acq: 26 May 2021 18:28

Tgt Ion: 98 Resp: 481487
Ion Ratio Lower Upper
98 100
100 65.8 51.8 77.8

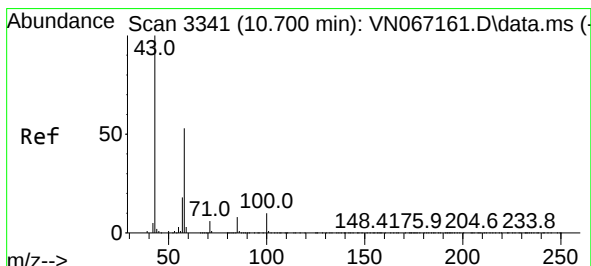
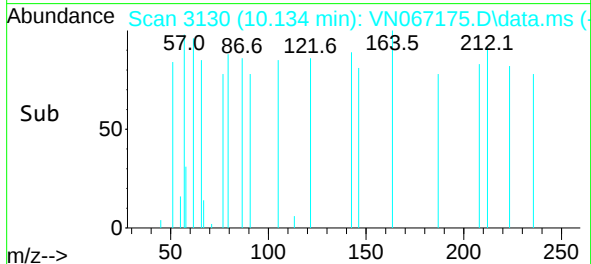
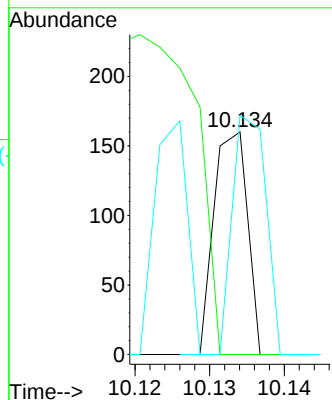
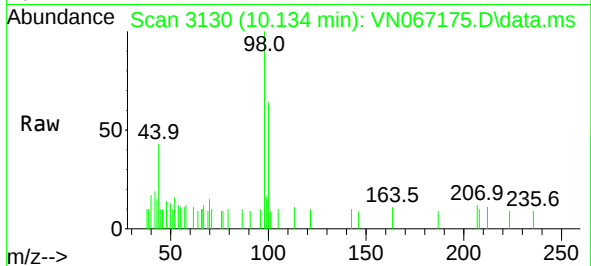




#56
Ethyl methacrylate
Concen: 2.80 ug/l
RT: 10.134 min Scan# 3130
Delta R.T. -0.244 min
Lab File: VN067175.D
Acq: 26 May 2021 18:28

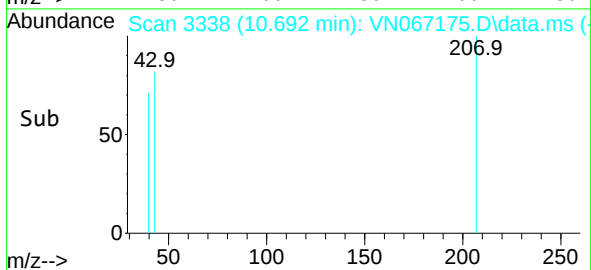
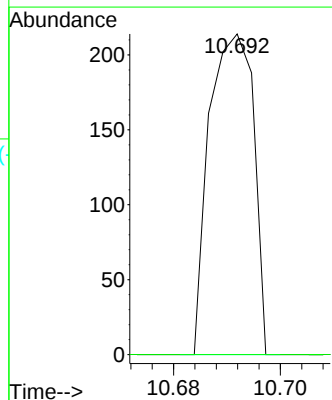
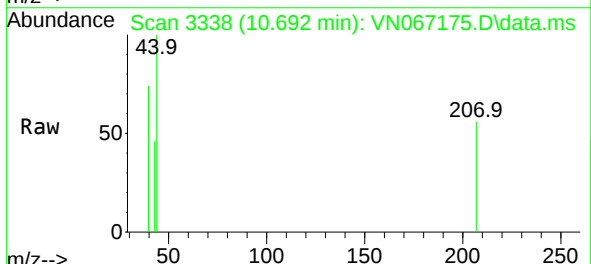
Instrument :
MSVOA_N
ClientSampleId :
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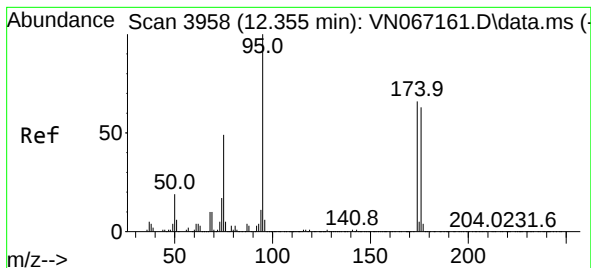
Tgt Ion: 69 Resp: 50
Ion Ratio Lower Upper
69 100
41 0.0 45.5 68.3#
39 108.0 22.9 34.3#



#59
2-Hexanone
Concen: 18.90 ug/l
RT: 10.692 min Scan# 3338
Delta R.T. -0.008 min
Lab File: VN067175.D
Acq: 26 May 2021 18:28

Tgt Ion: 43 Resp: 123
Ion Ratio Lower Upper
43 100
58 0.0 29.8 89.5#

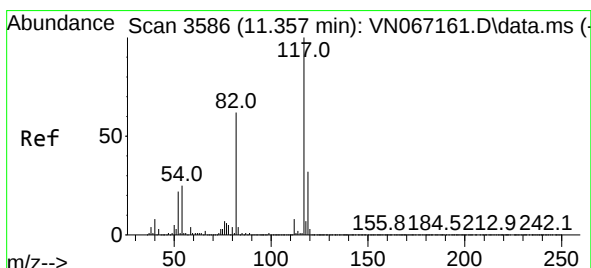
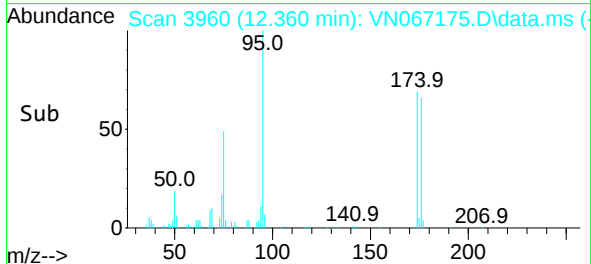
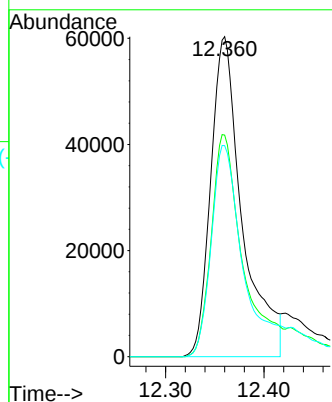
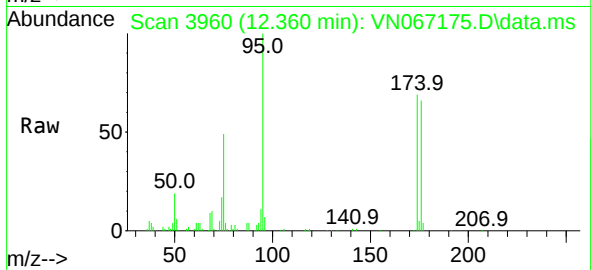




#62
4-Bromofluorobenzene
Concen: 39.32 ug/l
RT: 12.360 min Scan# 3960
Delta R.T. 0.005 min
Lab File: VN067175.D
Acq: 26 May 2021 18:28

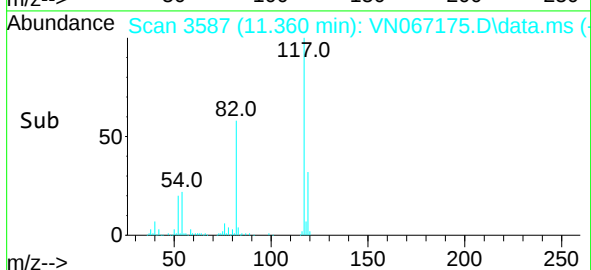
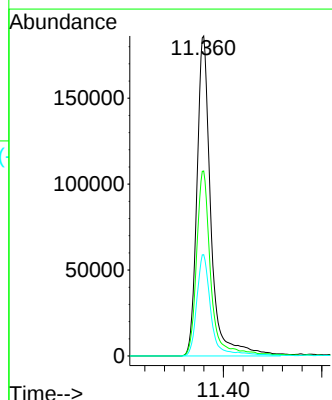
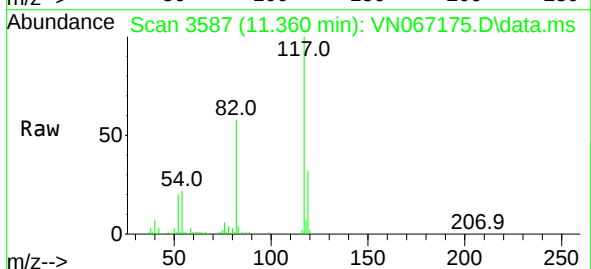
Instrument :
MSVOA_N
ClientSampleId :
41822

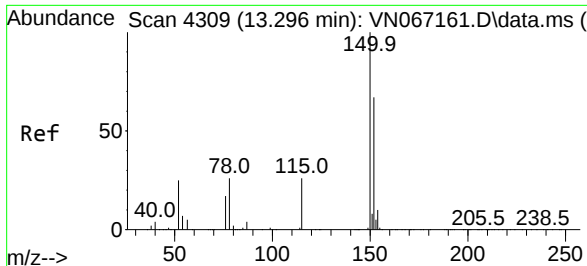
Tgt Ion: 95 Resp: 134151
Ion Ratio Lower Upper
95 100
174 70.5 0.0 182.8
176 68.4 0.0 176.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.360 min Scan# 3587
Delta R.T. 0.003 min
Lab File: VN067175.D
Acq: 26 May 2021 18:28

Tgt Ion: 117 Resp: 366875
Ion Ratio Lower Upper
117 100
82 57.8 42.2 63.2
119 31.7 25.8 38.6

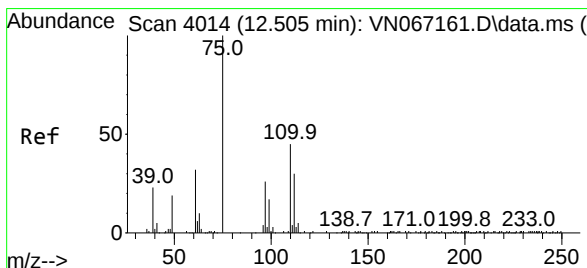
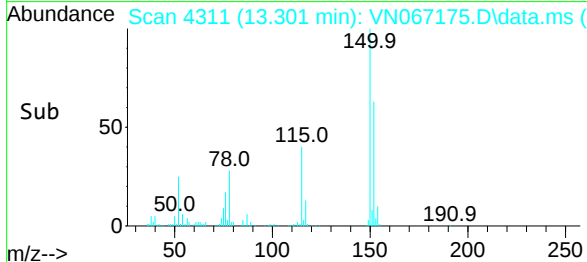
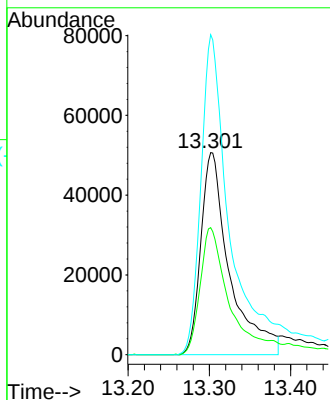
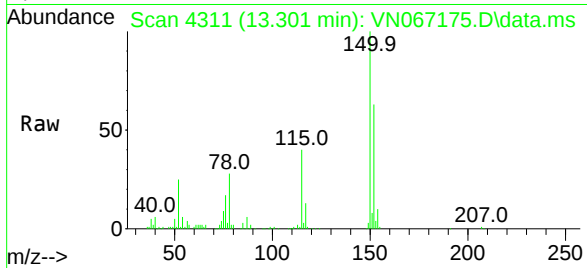




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.301 min Scan# 4311
Delta R.T. 0.005 min
Lab File: VN067175.D
Acq: 26 May 2021 18:28

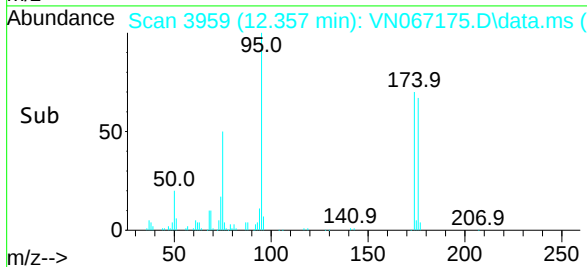
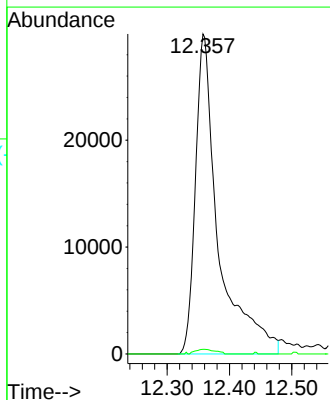
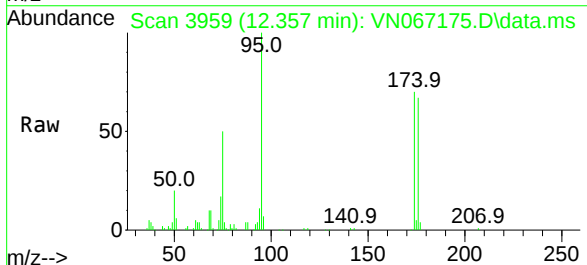
Instrument :
MSVOA_N
ClientSampleId :
41822

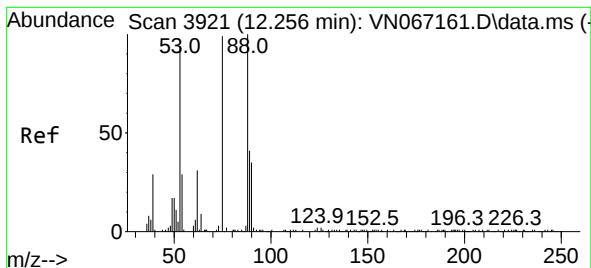
Tgt Ion:152 Resp: 124480
Ion Ratio Lower Upper
152 100
115 64.7 27.0 80.8
150 170.4 0.0 350.2



#76
1,2,3-Trichloropropane
Concen: 22.13 ug/l
RT: 12.357 min Scan# 3959
Delta R.T. -0.148 min
Lab File: VN067175.D
Acq: 26 May 2021 18:28

Tgt Ion: 75 Resp: 76684
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#

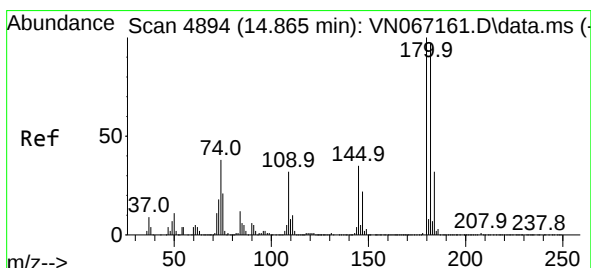
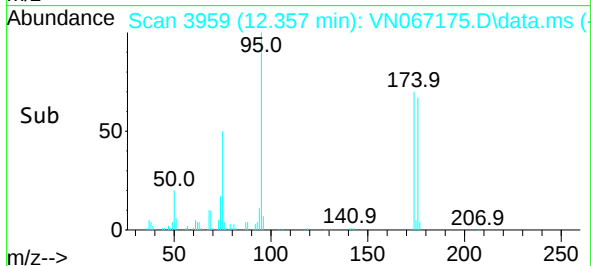
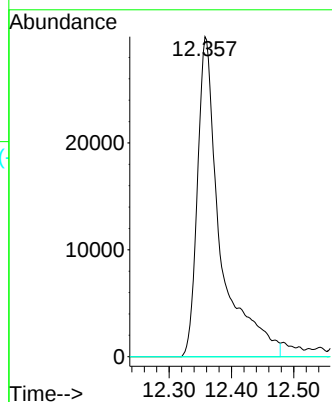
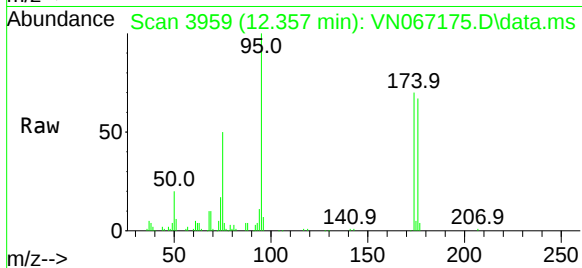




#81
trans-1,4-Dichloro-2-butene
Concen: 63.16 ug/l
RT: 12.357 min Scan# 3959
Delta R.T. 0.101 min
Lab File: VN067175.D
Acq: 26 May 2021 18:28

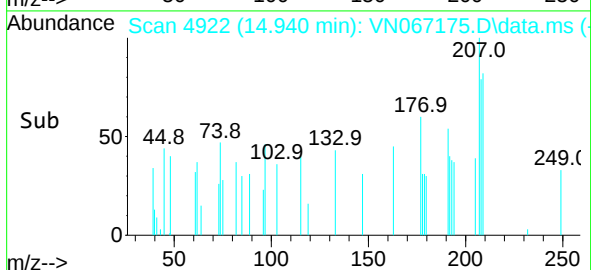
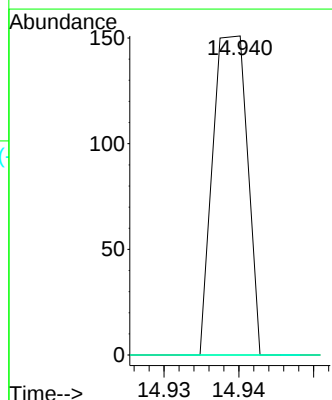
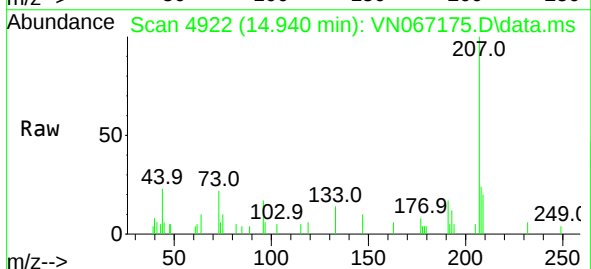
Instrument :
MSVOA_N
ClientSampleId :
41822

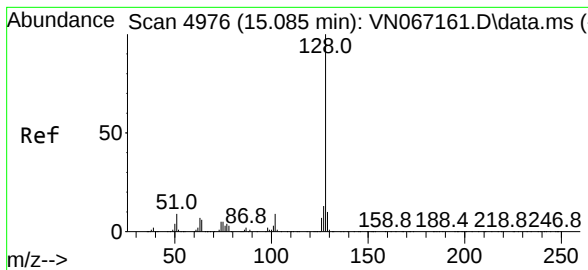
Tgt Ion: 75 Resp: 76684
Ion Ratio Lower Upper
75 100
53 0.0 66.3 99.5#
89 0.0 39.5 59.3#



#93
1,2,4-Trichlorobenzene
Concen: 3.28 ug/l
RT: 14.940 min Scan# 4922
Delta R.T. 0.075 min
Lab File: VN067175.D
Acq: 26 May 2021 18:28

Tgt Ion:180 Resp: 48
Ion Ratio Lower Upper
180 100
182 0.0 47.3 141.8#
145 0.0 14.0 42.0#





#95
Naphthalene
Concen: 3.88 ug/l
RT: 15.157 min Scan# 5003
Delta R.T. 0.072 min
Lab File: VN067175.D
Acq: 26 May 2021 18:28

Instrument :
MSVOA_N
ClientSampleId :
41822

Tgt Ion:	128	Resp:	77
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.2	15.2#
129	0.0	8.6	13.0#

