

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051821\
 Data File : VN067139.D
 Acq On : 18 May 2021 20:03
 Operator : JC/MD
 Sample : M2366-08
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

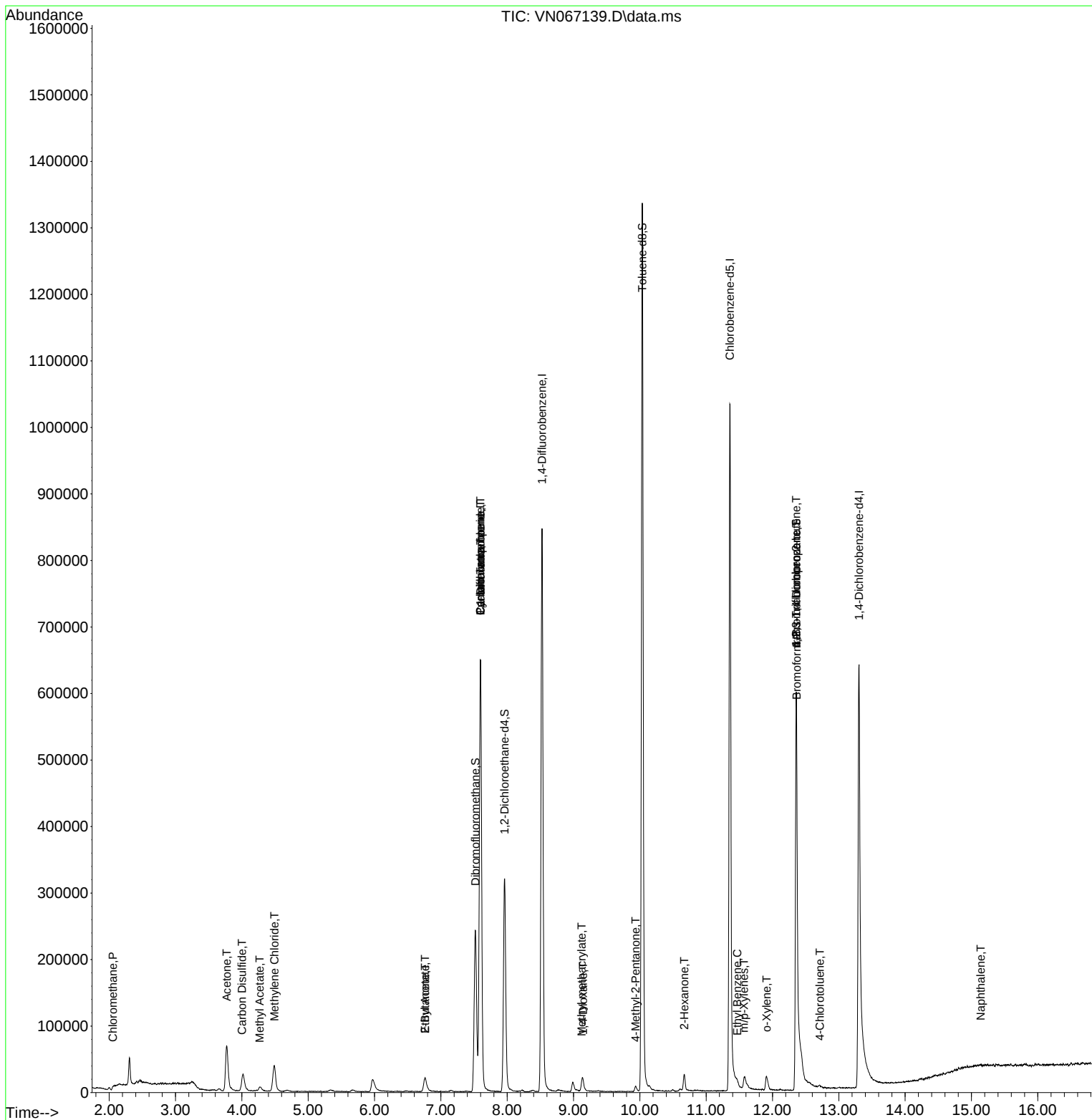
Quant Time: May 19 02:53:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051421W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 18 04:00:15 2021
 Response via : Initial Calibration

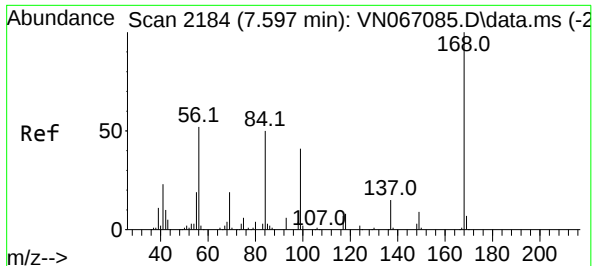
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.597	168	627822	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.525	114	861938	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.360	117	742363	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.304	152	293509	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.962	65	285746	42.13	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	84.26%		
35) Dibromofluoromethane	7.522	113	193766	34.24	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	68.48%#		
50) Toluene-d8	10.038	98	1001067	46.67	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	93.34%		
62) 4-Bromofluorobenzene	12.357	95	302966	42.16	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	84.32%		
Target Compounds					Qvalue	
3) Chloromethane	2.053	50	1601	0.23	ug/l	92
13) Acrolein	3.561	56	923	Below Cal	#	50
16) Acetone	3.772	43	121326	57.56	ug/l	98
17) Carbon Disulfide	4.000	76	9997	0.63	ug/l	# 89
18) Methyl Acetate	4.269	43	6455	1.03	ug/l	# 63
20) Methylene Chloride	4.491	84	31618	4.65	ug/l	97
25) 2-Butanone	6.763	43	34284	10.43	ug/l	93
31) Cyclohexane	7.600	56	8715	0.93	ug/l	# 1
36) 1,1-Dichloropropene	7.597	75	36200	4.60	ug/l	# 48
37) Ethyl Acetate	6.763	43	34284	4.94	ug/l	# 65
38) Carbon Tetrachloride	7.600	117	51897	6.20	ug/l	# 15
48) Methyl methacrylate	9.123	41	8593	3.43	ug/l	# 21
49) 1,4-Dioxane	9.144	88	26	0.32	ug/l	# 1
51) 4-Methyl-2-Pentanone	9.936	43	7807	6.50	ug/l	88
59) 2-Hexanone	10.670	43	21985	26.40	ug/l	# 21
67) Ethyl Benzene	11.470	91	5950	0.21	ug/l	98
68) m/p-Xylenes	11.572	106	4425	0.41	ug/l	# 1
69) o-Xylene	11.910	106	8972	0.83	ug/l	96
71) Bromoform	12.365	173	679	1.88	ug/l	# 1
76) 1,2,3-Trichloropropane	12.357	75	127057	20.51	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.357	75	127057	61.93	ug/l	# 15
82) 4-Chlorotoluene	12.714	91	222	1.19	ug/l	# 39
95) Naphthalene	15.139	128	985	3.33	ug/l	# 78

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

Quant Time: May 19 02:53:06 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051421W.M
Quant Title : SW846 8260
QLast Update : Tue May 18 04:00:15 2021
Response via : Initial Calibration

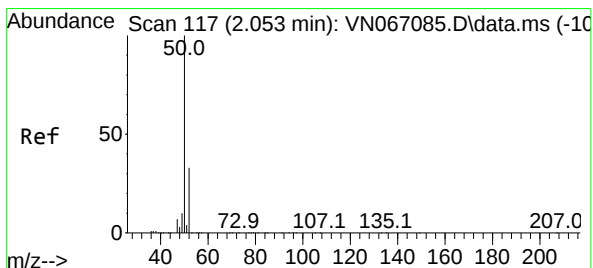
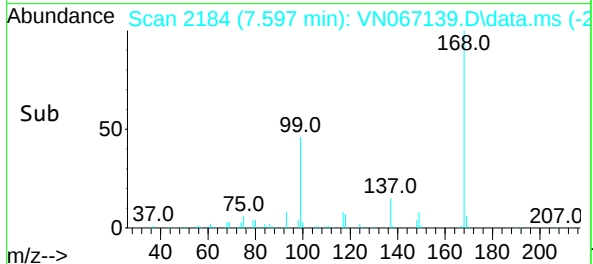
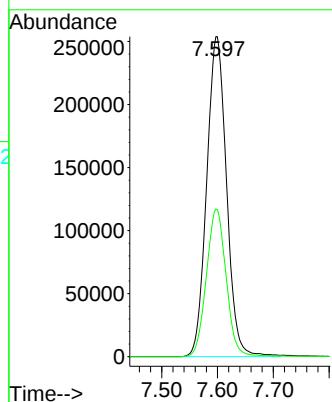
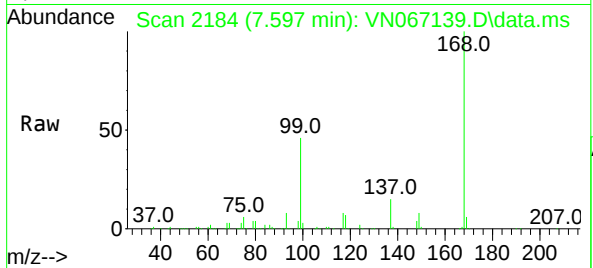




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.597 min Scan# 2184
Delta R.T. -0.000 min
Lab File: VN067139.D
Acq: 18 May 2021 20:03

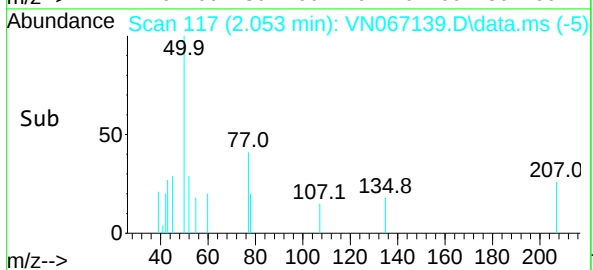
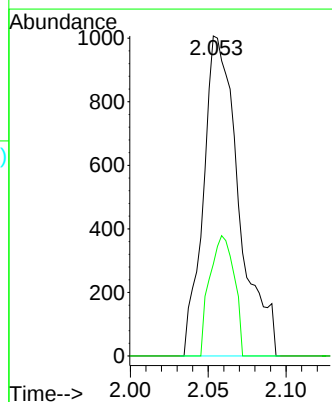
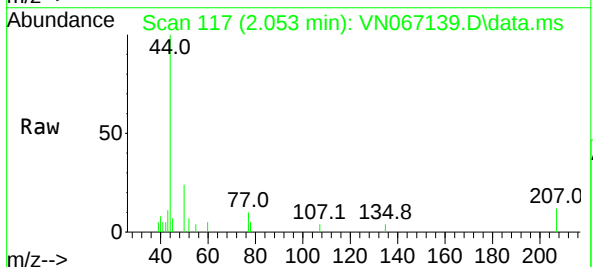
Instrument :
MSVOA_N
ClientSampled :

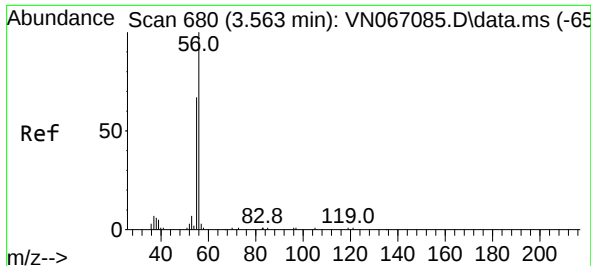
Tgt Ion:168 Resp: 627822
Ion Ratio Lower Upper
168 100
99 46.2 38.5 57.7



#3
Chloromethane
Concen: 0.23 ug/l
RT: 2.053 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN067139.D
Acq: 18 May 2021 20:03

Tgt Ion: 50 Resp: 1601
Ion Ratio Lower Upper
50 100
52 28.7 26.5 39.7

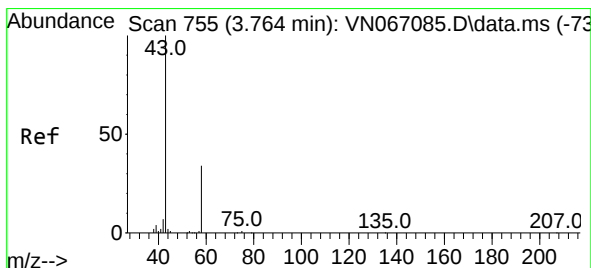
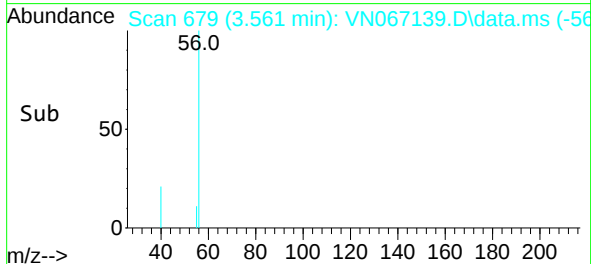
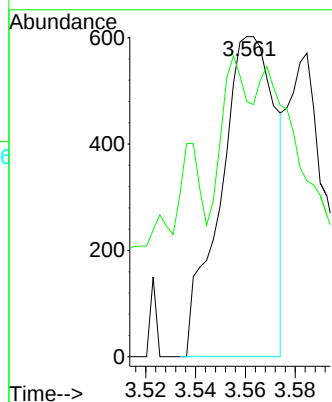
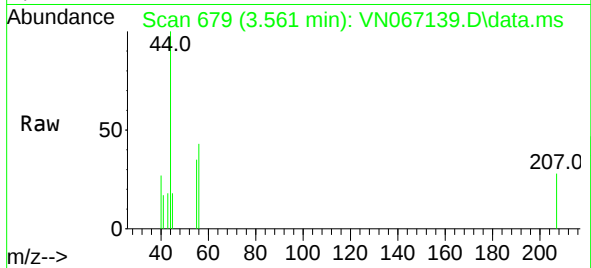




#13
Acrolein
Concen: Below Cal
RT: 3.561 min Scan# 679
Delta R.T. -0.002 min
Lab File: VN067139.D
Acq: 18 May 2021 20:03

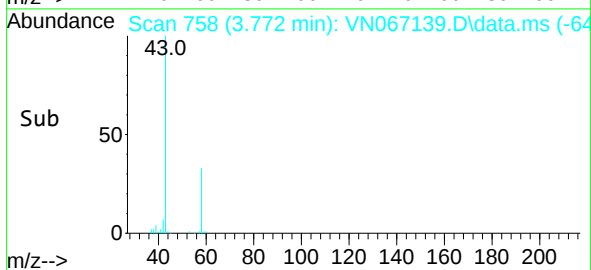
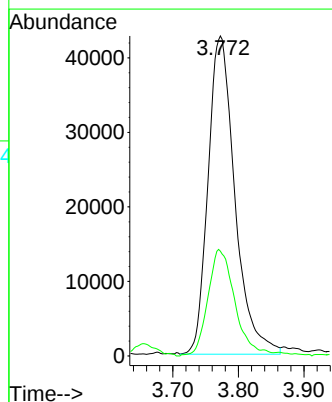
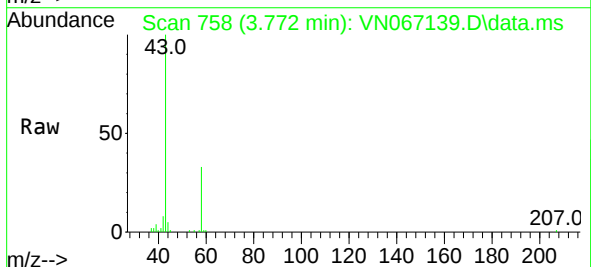
Instrument :
MSVOA_N
ClientSampled :

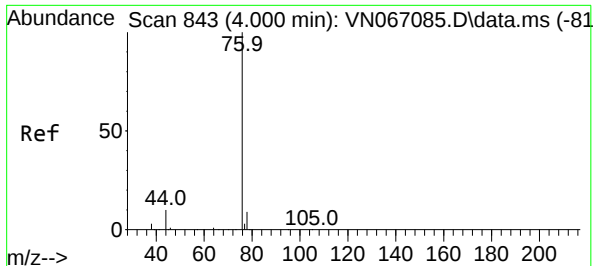
Tgt Ion: 56 Resp: 923
Ion Ratio Lower Upper
56 100
55 26.9 53.8 80.6#



#16
Acetone
Concen: 57.56 ug/l
RT: 3.772 min Scan# 758
Delta R.T. 0.008 min
Lab File: VN067139.D
Acq: 18 May 2021 20:03

Tgt Ion: 43 Resp: 121326
Ion Ratio Lower Upper
43 100
58 32.9 27.2 40.8

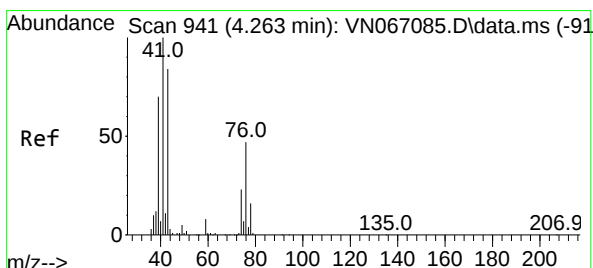
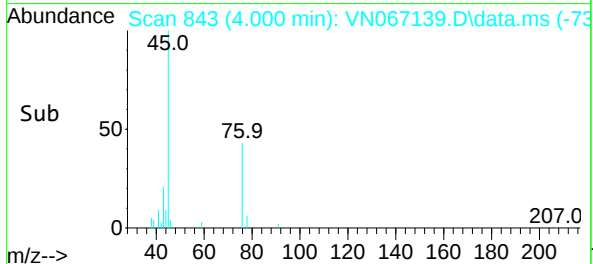
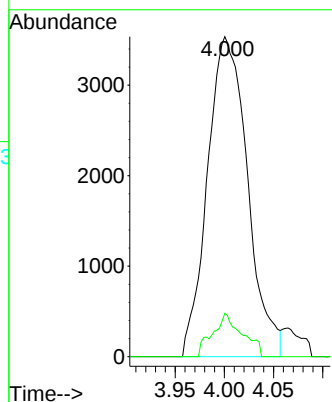
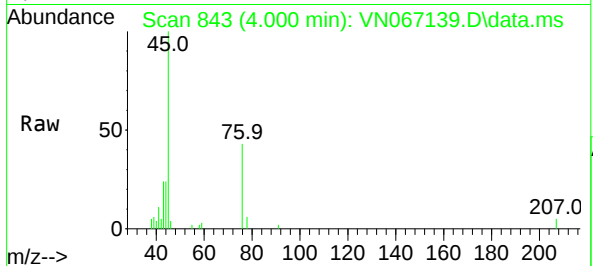




#17
Carbon Disulfide
Concen: 0.63 ug/l
RT: 4.000 min Scan# 843
Delta R.T. 0.000 min
Lab File: VN067139.D
Acq: 18 May 2021 20:03

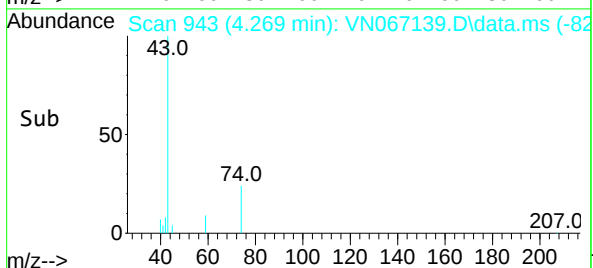
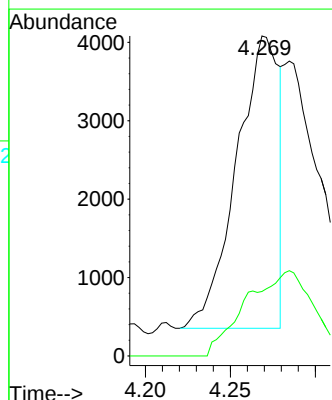
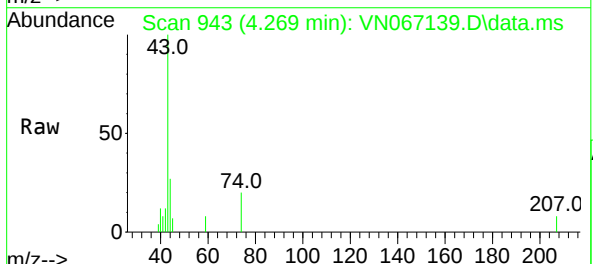
Instrument :
MSVOA_N
ClientSampled :

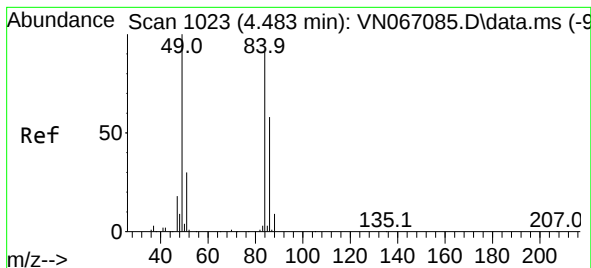
Tgt Ion: 76 Resp: 9997
Ion Ratio Lower Upper
76 100
78 13.6 7.5 11.3#



#18
Methyl Acetate
Concen: 1.03 ug/l
RT: 4.269 min Scan# 943
Delta R.T. 0.006 min
Lab File: VN067139.D
Acq: 18 May 2021 20:03

Tgt Ion: 43 Resp: 6455
Ion Ratio Lower Upper
43 100
74 45.8 21.4 32.2#





#20

Methylene Chloride

Concen: 4.65 ug/l

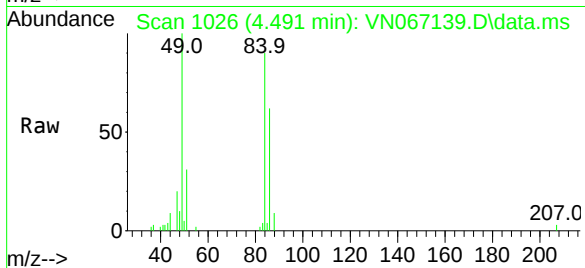
RT: 4.491 min Scan# 1026

Delta R.T. 0.008 min

Lab File: VN067139.D

Acq: 18 May 2021 20:03

Instrument :
MSVOA_N
ClientSampled :



Tgt Ion: 84 Resp: 31618

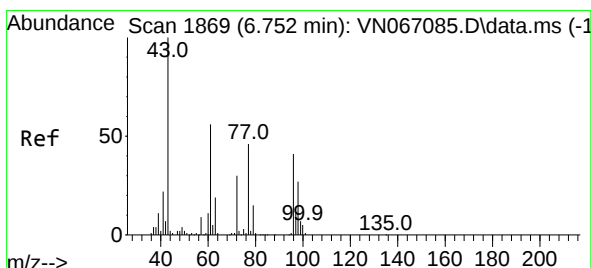
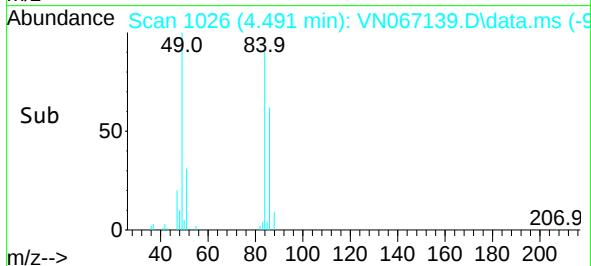
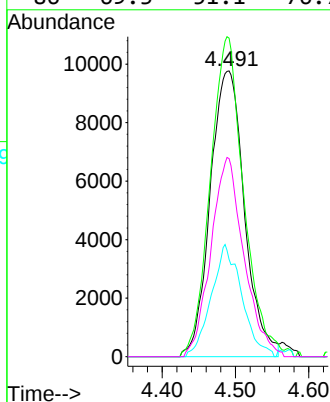
Ion Ratio Lower Upper

84 100

49 111.5 88.3 132.5

51 34.1 26.7 40.1

86 69.3 51.1 76.7



#25

2-Butanone

Concen: 10.43 ug/l

RT: 6.763 min Scan# 1873

Delta R.T. 0.011 min

Lab File: VN067139.D

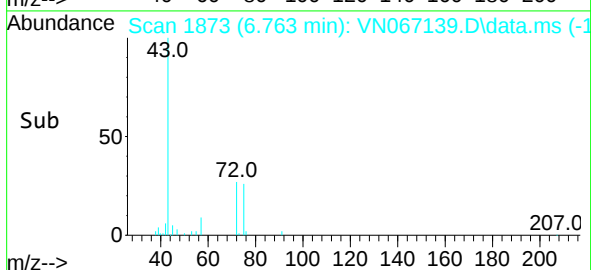
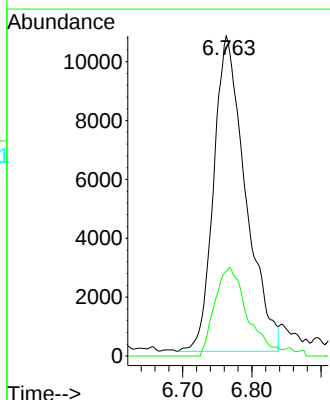
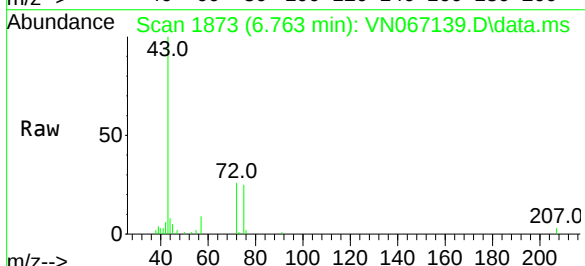
Acq: 18 May 2021 20:03

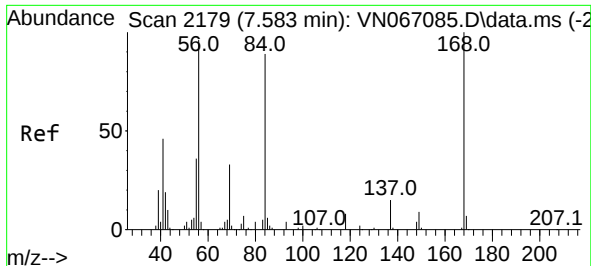
Tgt Ion: 43 Resp: 34284

Ion Ratio Lower Upper

43 100

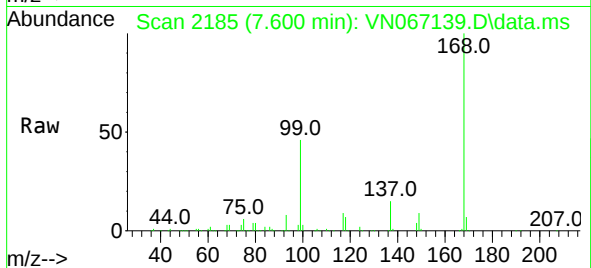
72 26.7 24.4 36.6



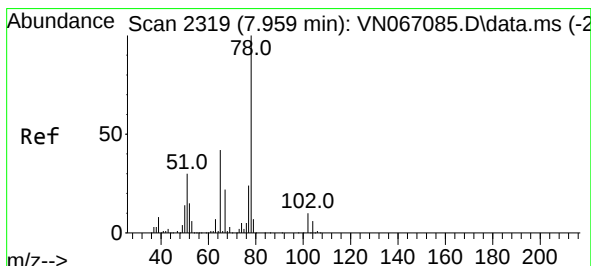
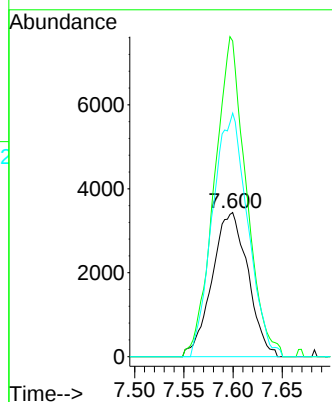
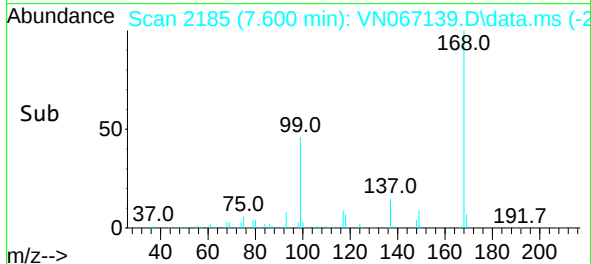


#31
Cyclohexane
Concen: 0.93 ug/l
RT: 7.600 min Scan# 2185
Delta R.T. 0.017 min
Lab File: VN067139.D
Acq: 18 May 2021 20:03

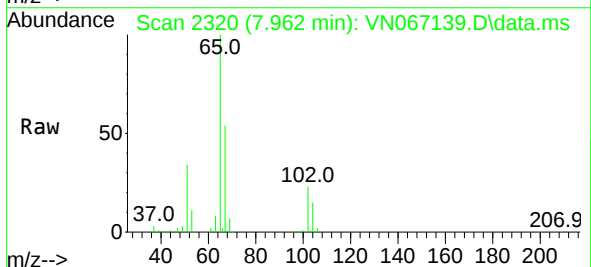
Instrument :
MSVOA_N
ClientSampleId :



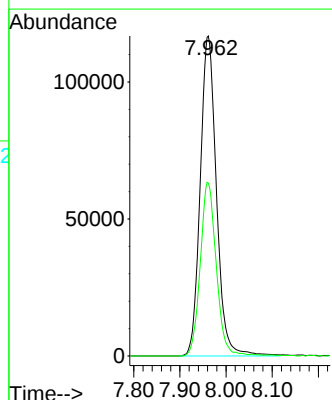
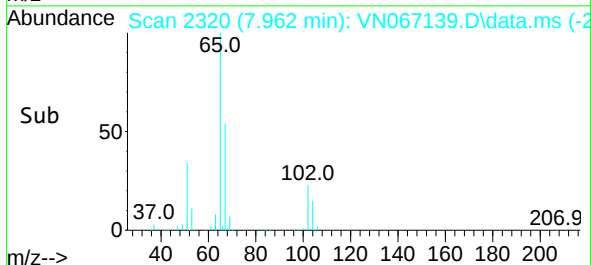
Tgt Ion: 56 Resp: 8715
Ion Ratio Lower Upper
56 100
69 219.0 28.0 42.0#
84 169.0 74.2 111.2#

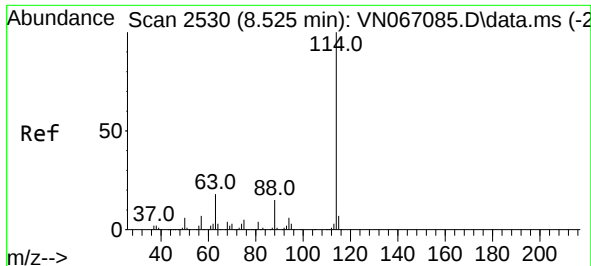


#33
1,2-Dichloroethane-d4
Concen: 42.13 ug/l
RT: 7.962 min Scan# 2320
Delta R.T. 0.003 min
Lab File: VN067139.D
Acq: 18 May 2021 20:03



Tgt Ion: 65 Resp: 285746
Ion Ratio Lower Upper
65 100
67 53.1 0.0 110.4

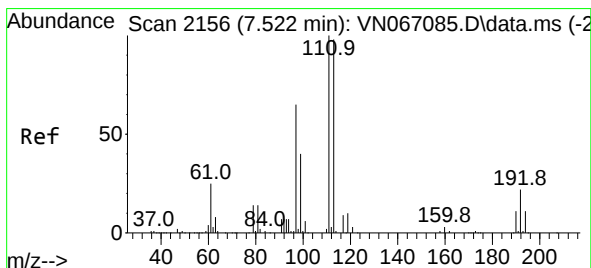
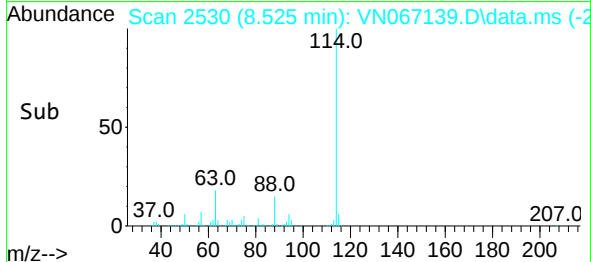
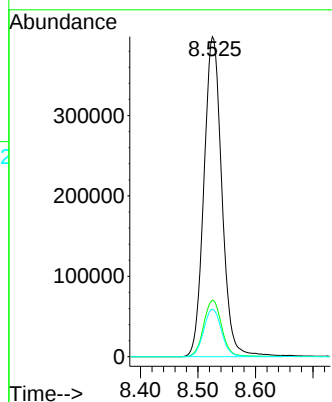
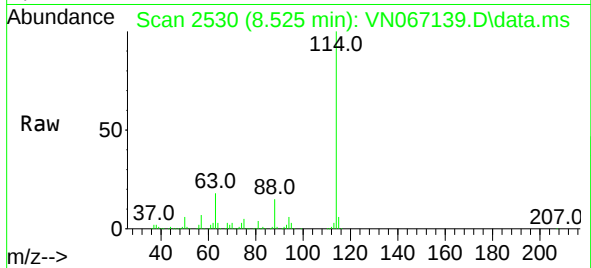




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.525 min Scan# 2530
Delta R.T. -0.000 min
Lab File: VN067139.D
Acq: 18 May 2021 20:03

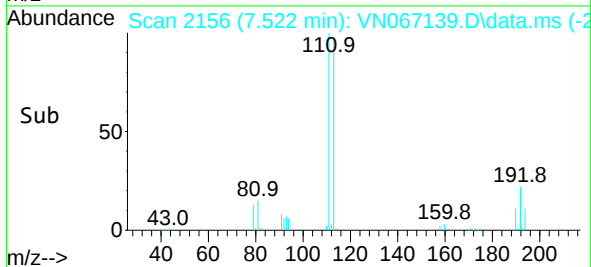
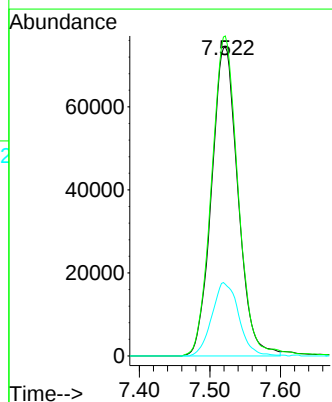
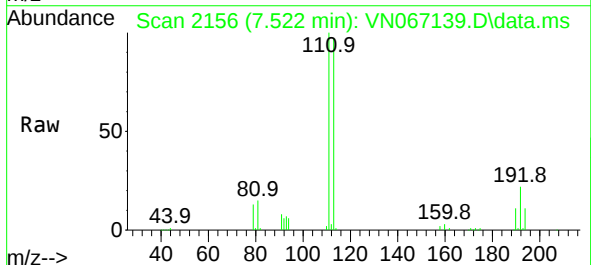
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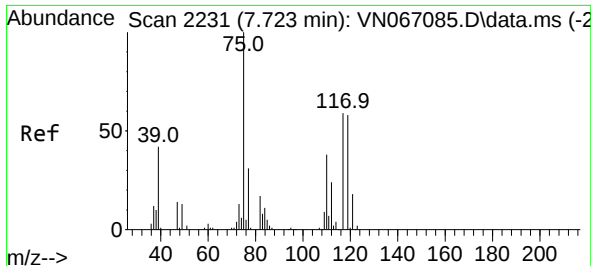
Tgt Ion:114 Resp: 861938
Ion Ratio Lower Upper
114 100
63 17.6 0.0 35.8
88 14.9 0.0 30.4



#35
Dibromofluoromethane
Concen: 34.24 ug/l
RT: 7.522 min Scan# 2156
Delta R.T. -0.000 min
Lab File: VN067139.D
Acq: 18 May 2021 20:03

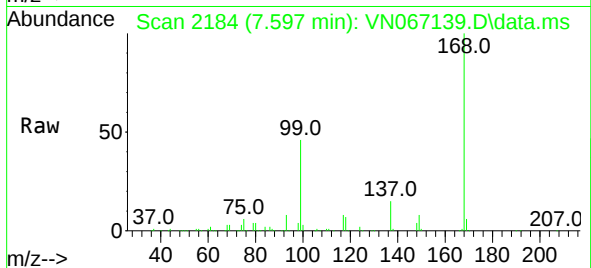
Tgt Ion:113 Resp: 193766
Ion Ratio Lower Upper
113 100
111 102.9 82.6 124.0
192 24.2 18.2 27.4



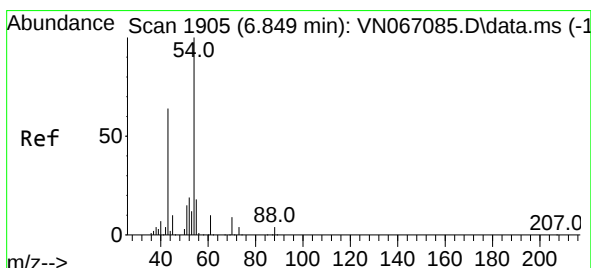
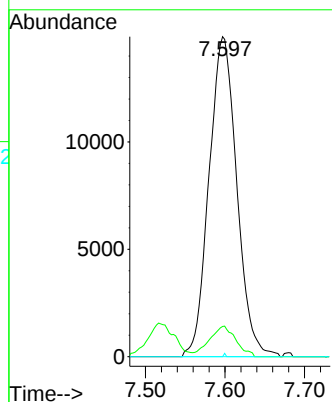
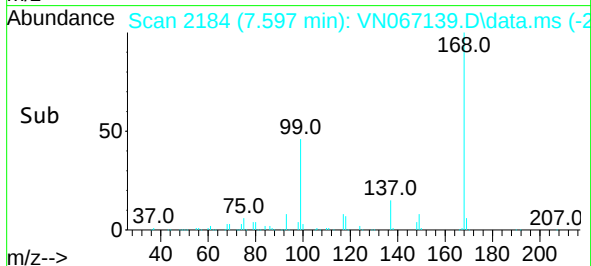


#36
1,1-Dichloropropene
Concen: 4.60 ug/l
RT: 7.597 min Scan# 2184
Delta R.T. -0.126 min
Lab File: VN067139.D
Acq: 18 May 2021 20:03

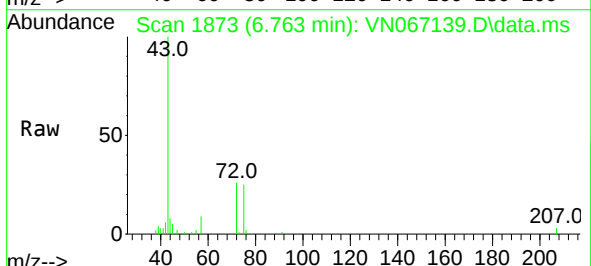
Instrument :
MSVOA_N
ClientSampled :



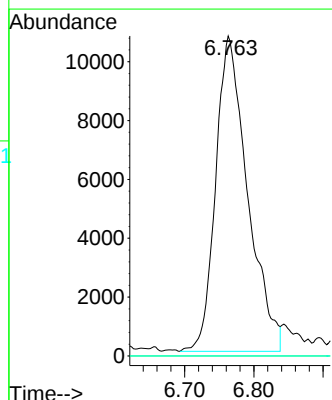
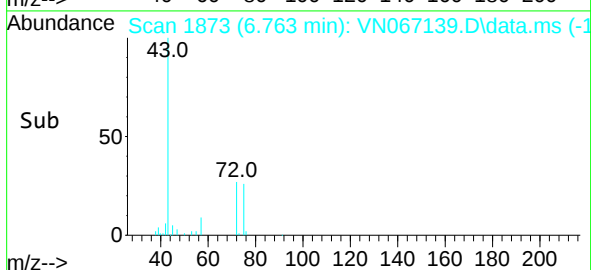
Tgt Ion: 75 Resp: 36200
Ion Ratio Lower Upper
75 100
110 9.1 19.1 57.3#
77 0.1 24.8 37.2#

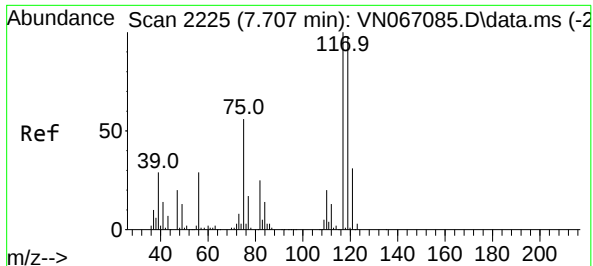


#37
Ethyl Acetate
Concen: 4.94 ug/l
RT: 6.763 min Scan# 1873
Delta R.T. -0.086 min
Lab File: VN067139.D
Acq: 18 May 2021 20:03



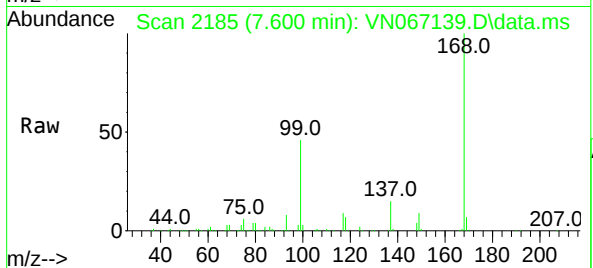
Tgt Ion: 43 Resp: 34284
Ion Ratio Lower Upper
43 100
61 0.0 13.0 19.4#
70 0.0 9.2 13.8#



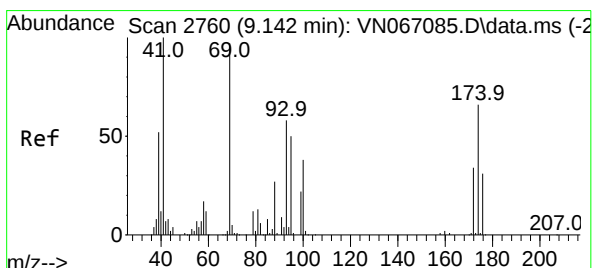
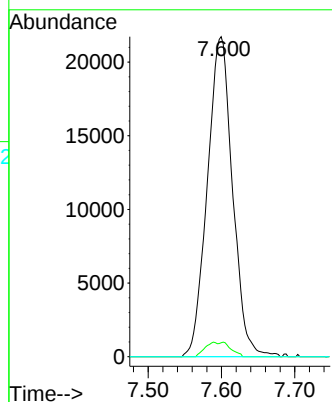
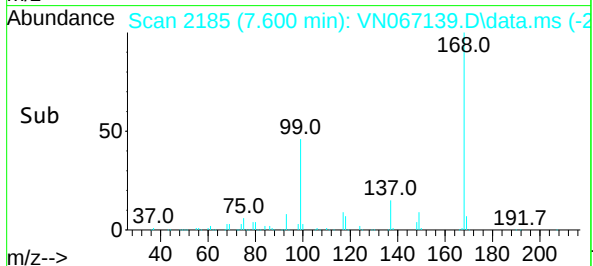


#38
Carbon Tetrachloride
Concen: 6.20 ug/l
RT: 7.600 min Scan# 2185
Delta R.T. -0.107 min
Lab File: VN067139.D
Acq: 18 May 2021 20:03

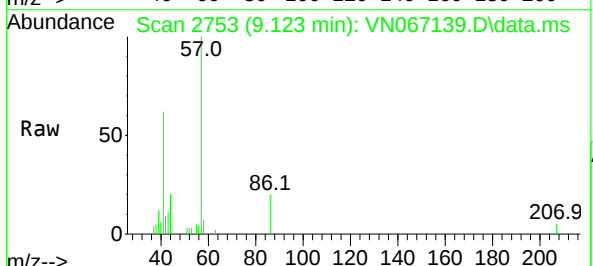
Instrument :
MSVOA_N
ClientSampleId :



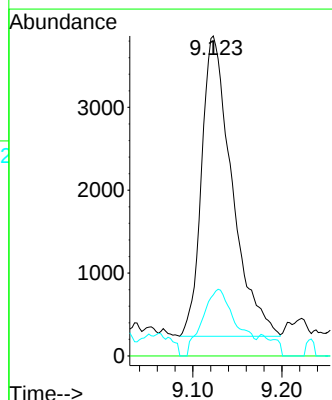
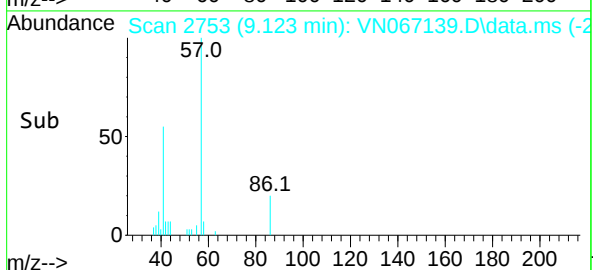
Tgt Ion:117 Resp: 51897
Ion Ratio Lower Upper
117 100
119 4.4 78.2 117.2#
121 0.0 24.7 37.1#

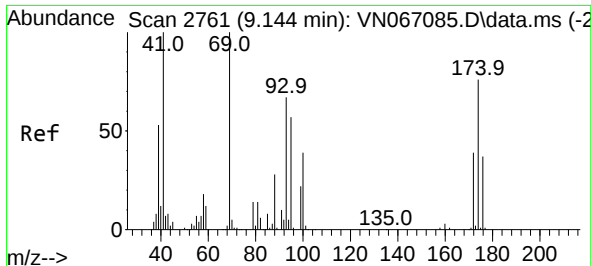


#48
Methyl methacrylate
Concen: 3.43 ug/l
RT: 9.123 min Scan# 2753
Delta R.T. -0.019 min
Lab File: VN067139.D
Acq: 18 May 2021 20:03



Tgt Ion: 41 Resp: 8593
Ion Ratio Lower Upper
41 100
69 0.0 80.5 120.7#
39 24.8 41.4 62.0#





#49

1,4-Dioxane

Concen: 0.32 ug/l

RT: 9.144 min Scan# 2761

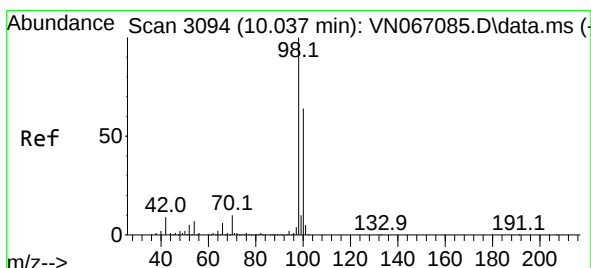
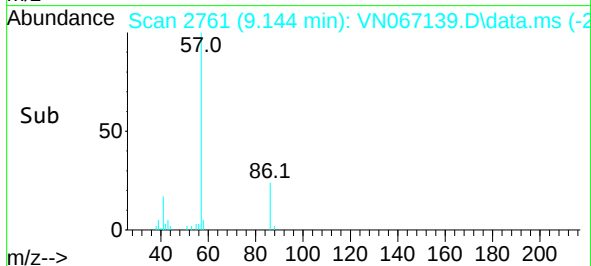
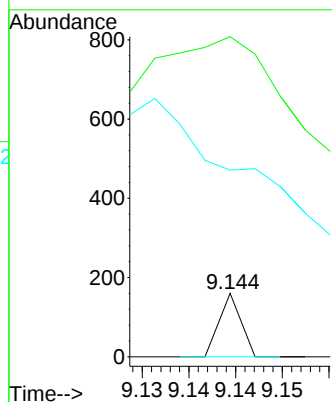
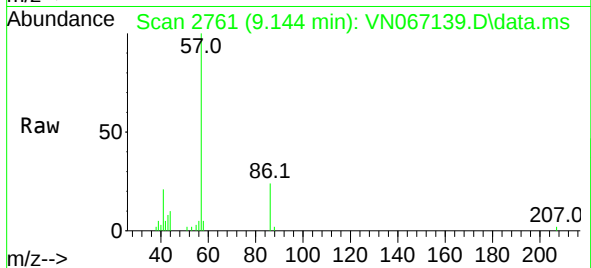
Delta R.T. 0.000 min

Lab File: VN067139.D

Acq: 18 May 2021 20:03

Tgt Ion:	88	Resp:	26
Ion	Ratio	Lower	Upper
88	100		
43	2330.8	21.8	32.8#
58	3842.3	50.8	76.2#

Instrument :
MSVOA_N
ClientSampleId :



#50

Toluene-d8

Concen: 46.67 ug/l

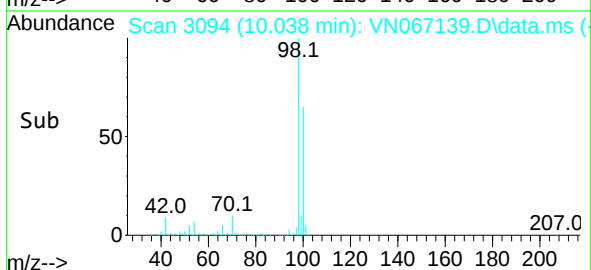
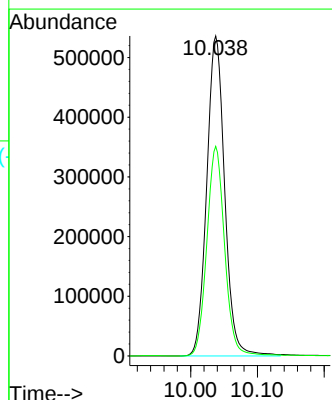
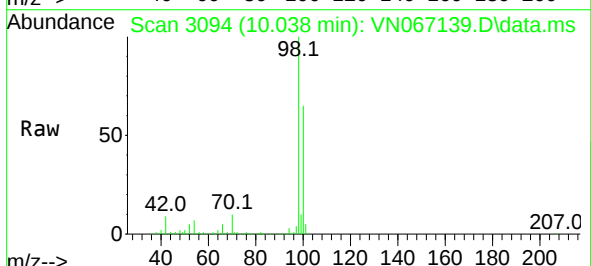
RT: 10.038 min Scan# 3094

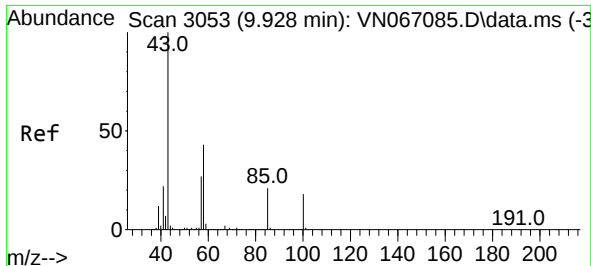
Delta R.T. 0.000 min

Lab File: VN067139.D

Acq: 18 May 2021 20:03

Tgt Ion:	98	Resp:	1001067
Ion	Ratio	Lower	Upper
98	100		
100	65.1	51.8	77.8

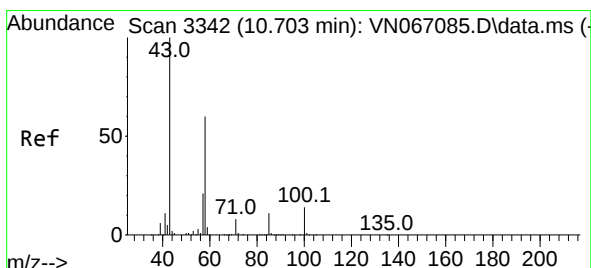
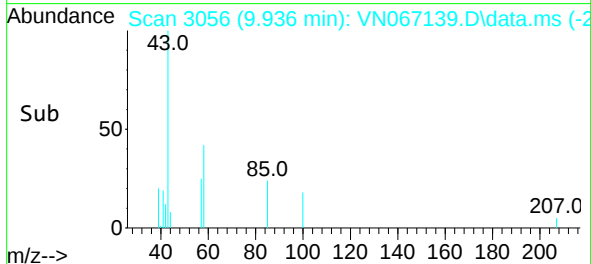
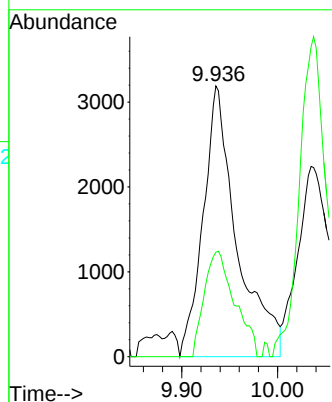
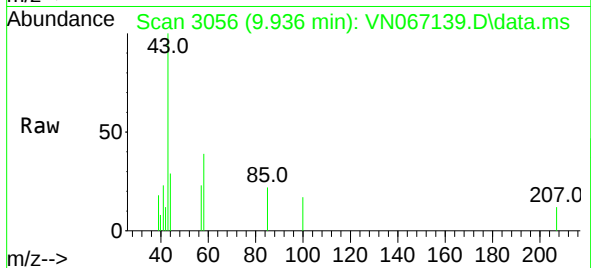




#51
4-Methyl-2-Pentanone
Concen: 6.50 ug/l
RT: 9.936 min Scan# 3056
Delta R.T. 0.008 min
Lab File: VN067139.D
Acq: 18 May 2021 20:03

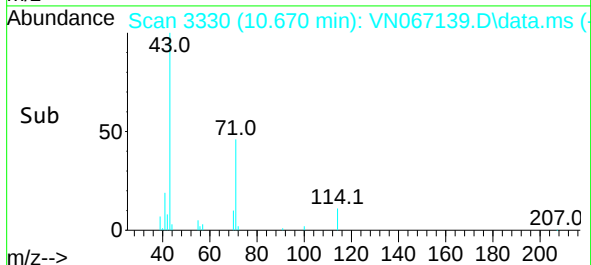
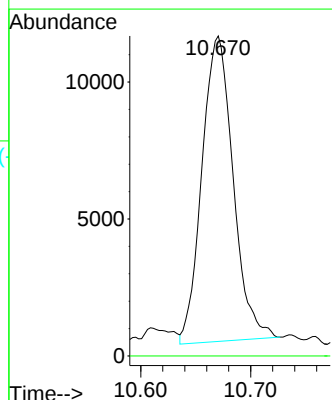
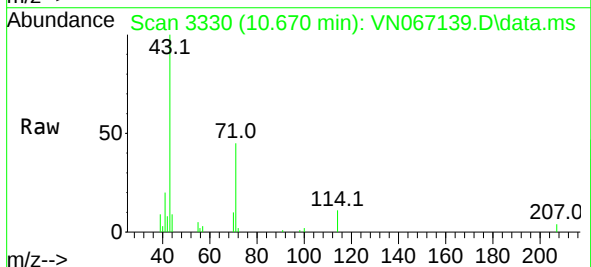
Instrument :
MSVOA_N
ClientSampled :

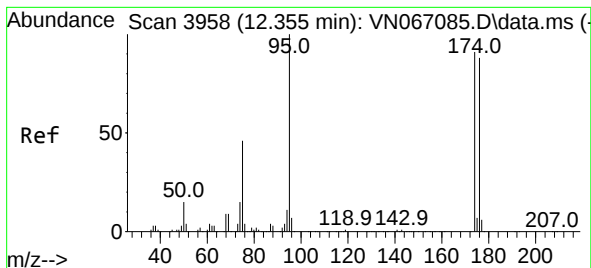
Tgt Ion: 43 Resp: 7807
Ion Ratio Lower Upper
43 100
58 35.1 34.5 51.7



#59
2-Hexanone
Concen: 26.40 ug/l
RT: 10.670 min Scan# 3330
Delta R.T. -0.033 min
Lab File: VN067139.D
Acq: 18 May 2021 20:03

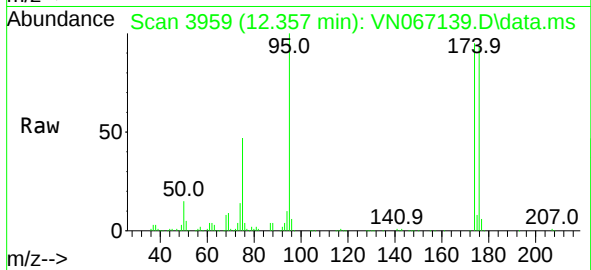
Tgt Ion: 43 Resp: 21985
Ion Ratio Lower Upper
43 100
58 0.0 29.8 89.5#



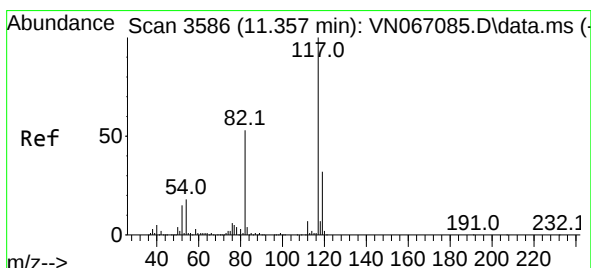
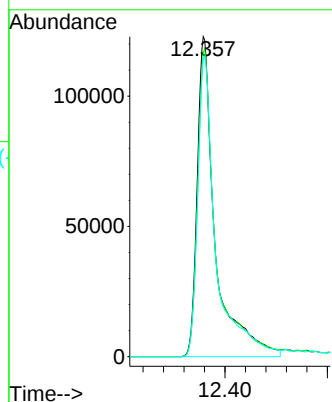
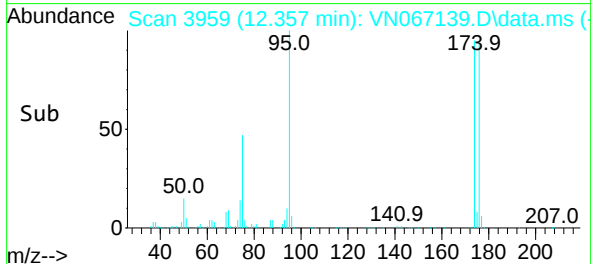


#62
4-Bromofluorobenzene
Concen: 42.16 ug/l
RT: 12.357 min Scan# 3959
Delta R.T. 0.002 min
Lab File: VN067139.D
Acq: 18 May 2021 20:03

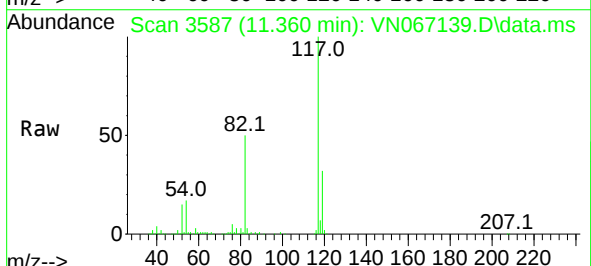
Instrument :
MSVOA_N
ClientSampleId :



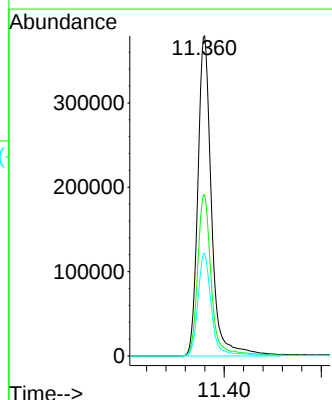
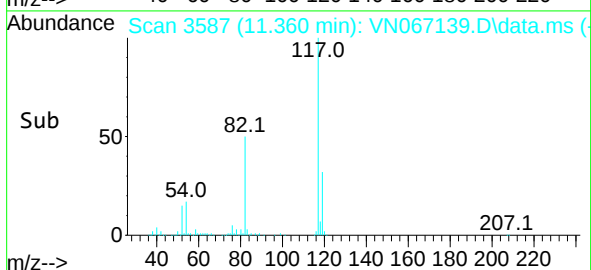
Tgt Ion: 95 Resp: 302966
Ion Ratio Lower Upper
95 100
174 96.3 0.0 182.8
176 93.2 0.0 176.6

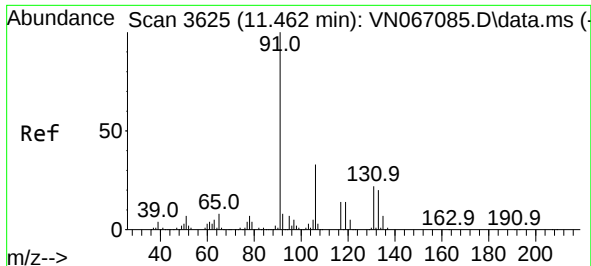


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.360 min Scan# 3587
Delta R.T. 0.003 min
Lab File: VN067139.D
Acq: 18 May 2021 20:03



Tgt Ion: 117 Resp: 742363
Ion Ratio Lower Upper
117 100
82 50.3 42.2 63.2
119 32.1 25.8 38.6

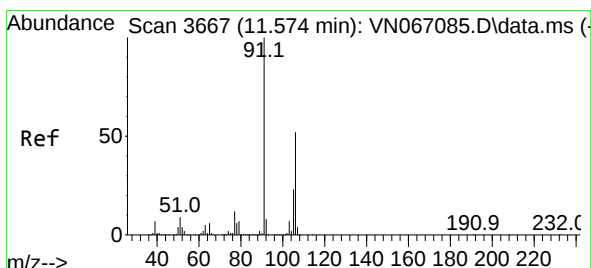
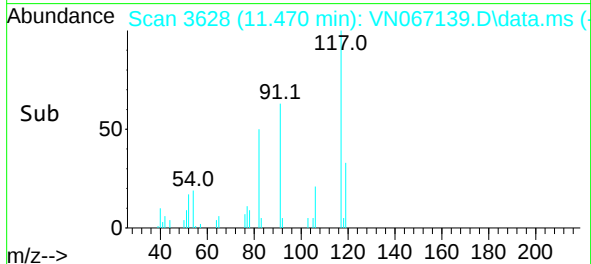
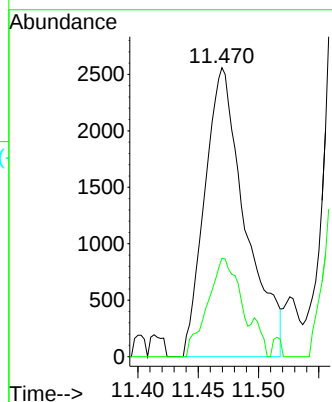
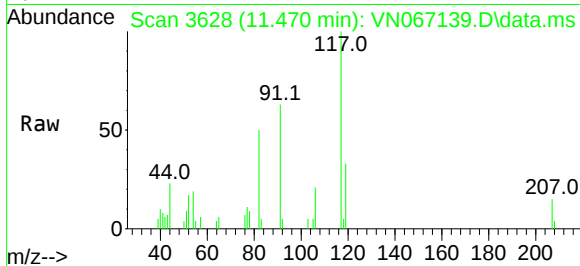




#67
Ethyl Benzene
Concen: 0.21 ug/l
RT: 11.470 min Scan# 3628
Delta R.T. 0.008 min
Lab File: VN067139.D
Acq: 18 May 2021 20:03

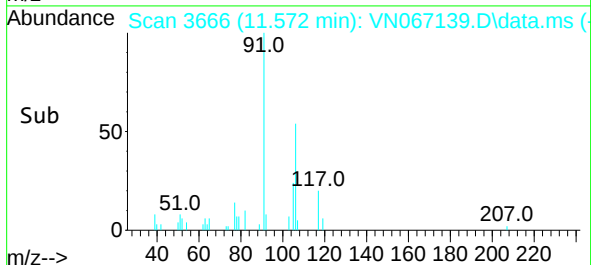
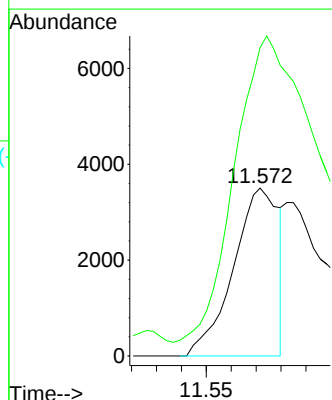
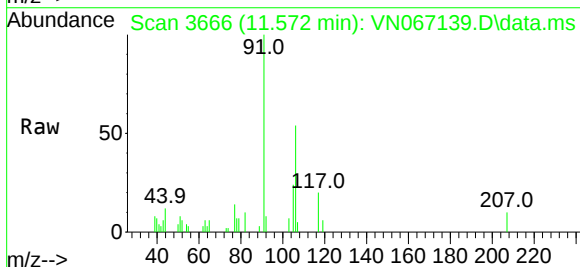
Instrument :
MSVOA_N
ClientSampleId :

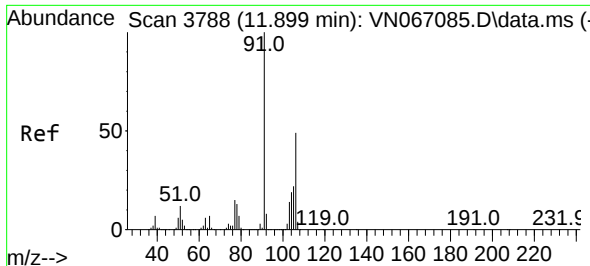
Tgt Ion: 91 Resp: 5950
Ion Ratio Lower Upper
91 100
106 34.1 26.2 39.2



#68
m/p-Xylenes
Concen: 0.41 ug/l
RT: 11.572 min Scan# 3666
Delta R.T. -0.002 min
Lab File: VN067139.D
Acq: 18 May 2021 20:03

Tgt Ion:106 Resp: 4425
Ion Ratio Lower Upper
106 100
91 428.7 155.2 232.8#

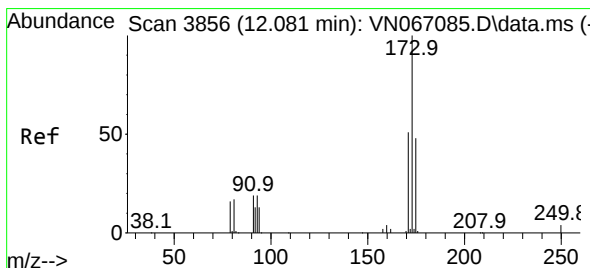
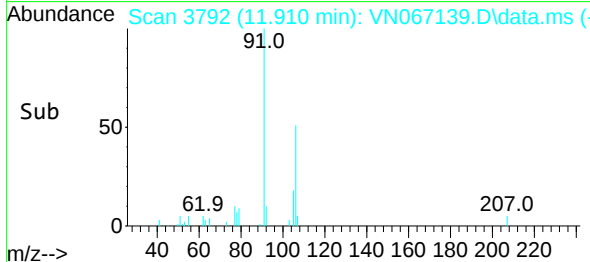
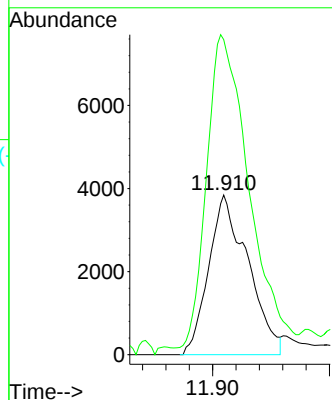
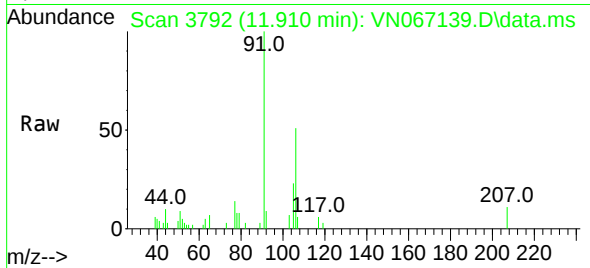




#69
o-Xylene
Concen: 0.83 ug/l
RT: 11.910 min Scan# 3792
Delta R.T. 0.011 min
Lab File: VN067139.D
Acq: 18 May 2021 20:03

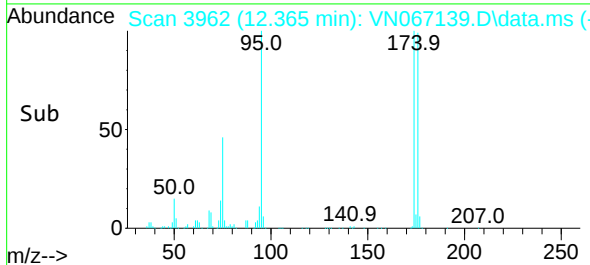
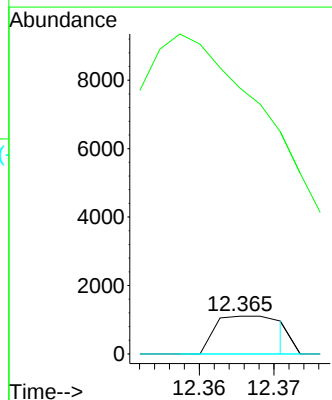
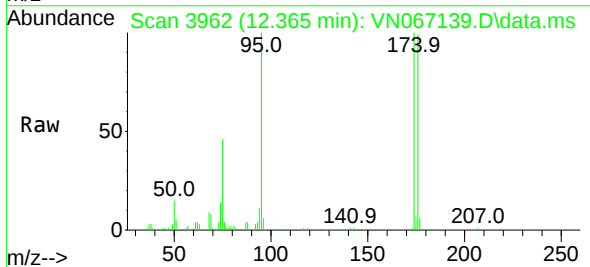
Instrument :
MSVOA_N
ClientSampled :

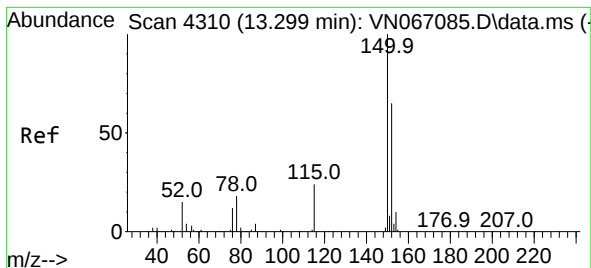
Tgt Ion:106 Resp: 8972
Ion Ratio Lower Upper
106 100
91 210.3 102.3 306.8



#71
Bromoform
Concen: 1.88 ug/l
RT: 12.365 min Scan# 3962
Delta R.T. 0.284 min
Lab File: VN067139.D
Acq: 18 May 2021 20:03

Tgt Ion:173 Resp: 679
Ion Ratio Lower Upper
173 100
175 2024.0 24.3 73.0#
254 0.0 0.0 0.0

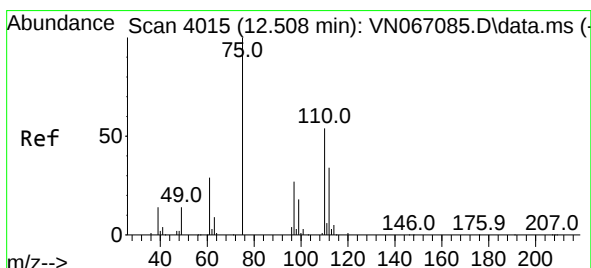
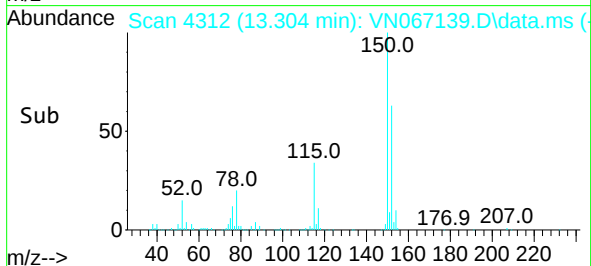
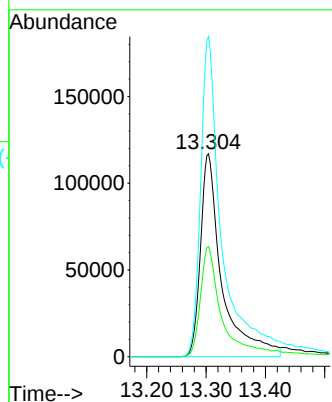
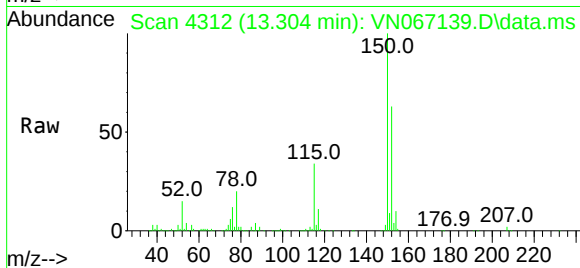




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.304 min Scan# 4312
Delta R.T. 0.005 min
Lab File: VN067139.D
Acq: 18 May 2021 20:03

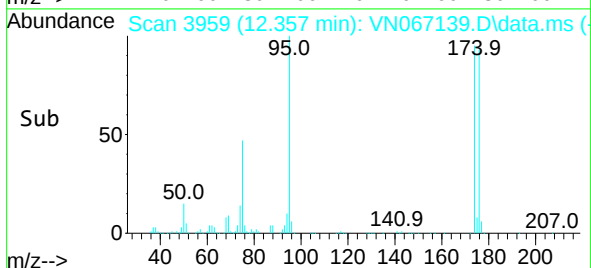
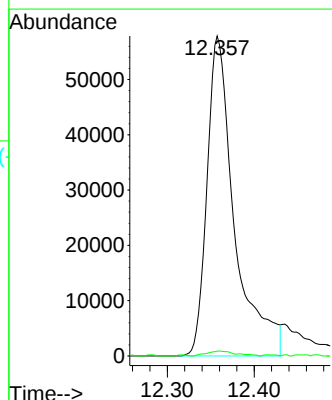
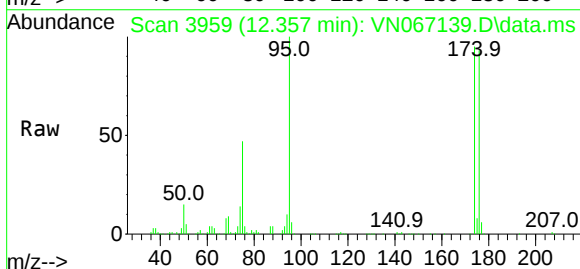
Instrument :
MSVOA_N
ClientSampleId :

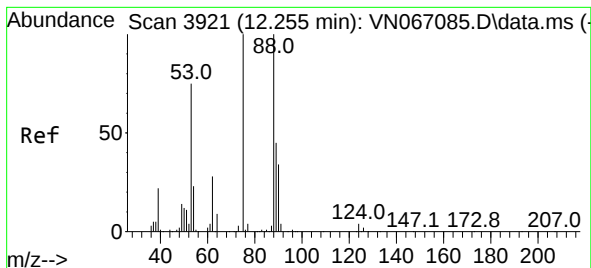
Tgt Ion:152 Resp: 293509
Ion Ratio Lower Upper
152 100
115 53.3 27.0 80.8
150 159.9 0.0 350.2



#76
1,2,3-Trichloropropane
Concen: 20.51 ug/l
RT: 12.357 min Scan# 3959
Delta R.T. -0.151 min
Lab File: VN067139.D
Acq: 18 May 2021 20:03

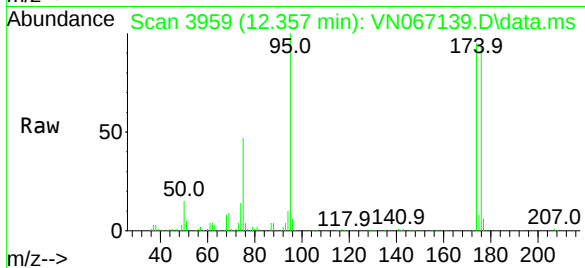
Tgt Ion: 75 Resp: 127057
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



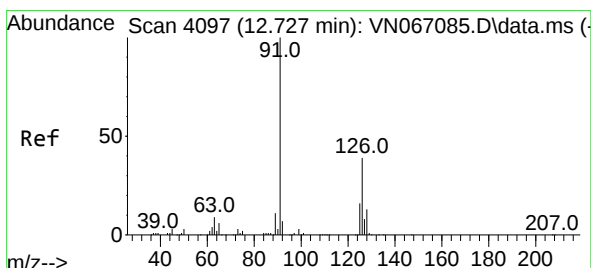
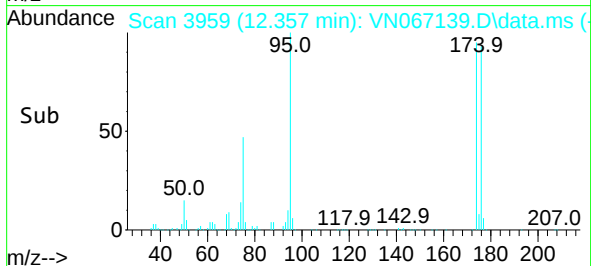
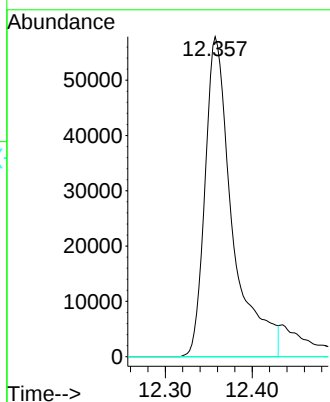


#81
trans-1,4-Dichloro-2-butene
Concen: 61.93 ug/l
RT: 12.357 min Scan# 3959
Delta R.T. 0.102 min
Lab File: VN067139.D
Acq: 18 May 2021 20:03

Instrument :
MSVOA_N
ClientSampleId :

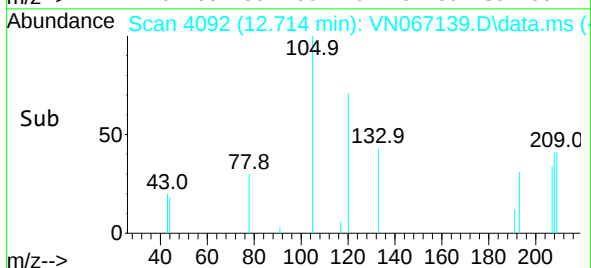
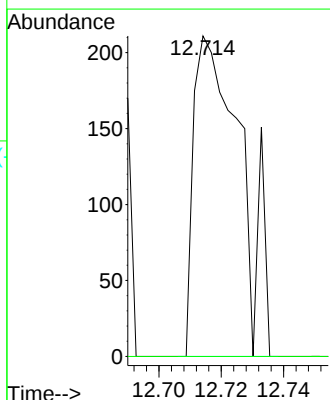
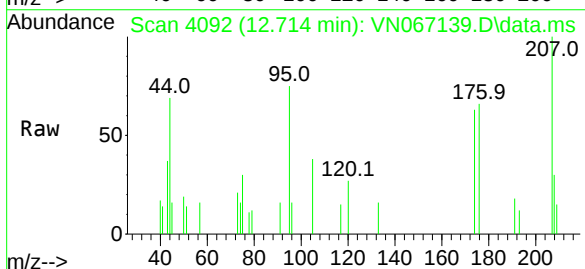


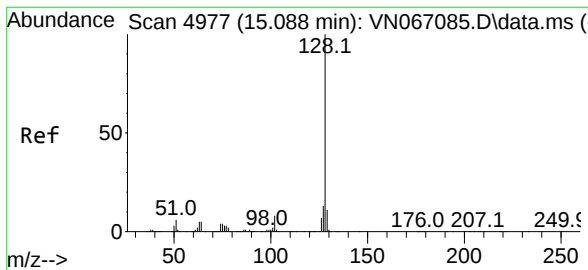
Tgt Ion: 75 Resp: 127057
Ion Ratio Lower Upper
75 100
53 0.0 66.3 99.5#
89 0.0 39.5 59.3#



#82
4-Chlorotoluene
Concen: 1.19 ug/l
RT: 12.714 min Scan# 4092
Delta R.T. -0.013 min
Lab File: VN067139.D
Acq: 18 May 2021 20:03

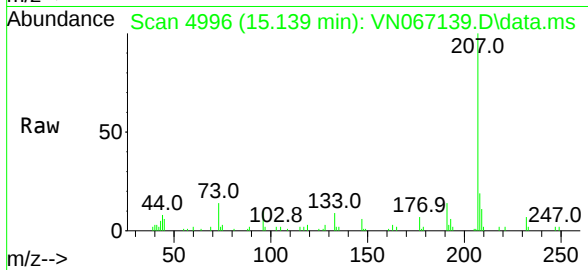
Tgt Ion: 91 Resp: 222
Ion Ratio Lower Upper
91 100
126 0.0 17.7 53.1#





#95
Naphthalene
Concen: 3.33 ug/l
RT: 15.139 min Scan# 4996
Delta R.T. 0.051 min
Lab File: VN067139.D
Acq: 18 May 2021 20:03

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
128	100		
127	6.1	10.2	15.2#
129	0.0	8.6	13.0#

