

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN063021\
 Data File : VN067579.D
 Acq On : 30 Jun 2021 18:05
 Operator : JC/MD
 Sample : M2832-01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 30 18:27:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062821W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 28 14:31:03 2021
 Response via : Initial Calibration

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

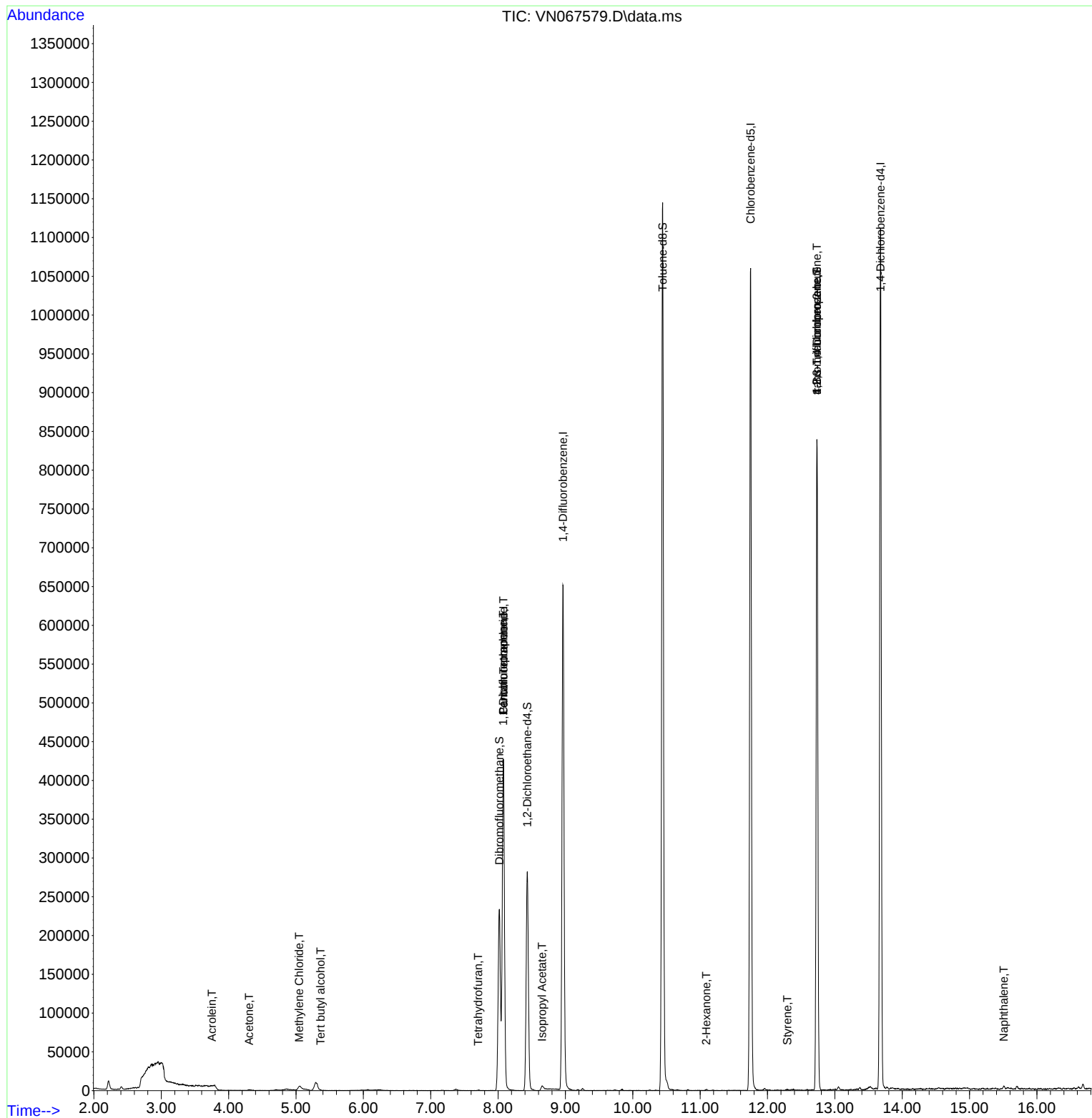
Internal Standards						
1) Pentafluorobenzene	8.080	168	305134	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	570890	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	597166	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	273785	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	235877	56.483	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 112.960%			
35) Dibromofluoromethane	8.019	113	167595	47.350	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 94.700%			
50) Toluene-d8	10.443	98	805706	56.036	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 112.080%			
62) 4-Bromofluorobenzene	12.733	95	290152	57.772	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 115.540%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	5.366	59	223	0.358	ug/l #	71
13) Acrolein	3.752	56	51	2.350	ug/l #	61
16) Acetone	4.304	43	942	0.684	ug/l	93
20) Methylene Chloride	5.047	84	1711	0.269	ug/l #	76
29) Tetrahydrofuran	7.705	42	335	0.237	ug/l #	57
31) Cyclohexane	8.078	56	8465	Below Cal	#	8
36) 1,1-Dichloropropene	8.075	75	28662	5.561	ug/l #	52
38) Carbon Tetrachloride	8.080	117	34320	6.216	ug/l #	16
43) Isopropyl Acetate	8.652	43	4706	0.582	ug/l #	58
59) 2-Hexanone	11.092	43	798	0.232	ug/l	76
70) Styrene	12.296	104	255	1.899	ug/l #	22
76) 1,2,3-Trichloropropane	12.733	75	166508	30.342	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.733	75	166508	87.234	ug/l #	6
95) Naphthalene	15.507	128	4357	3.485	ug/l #	89

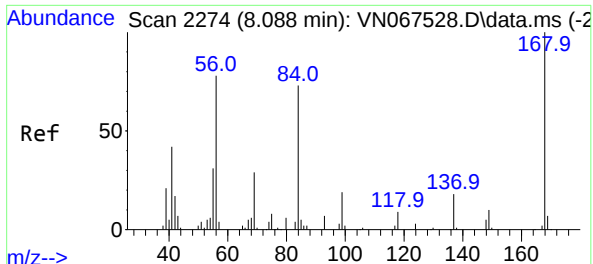
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_N
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Quant Time: Jun 30 18:27:19 2021
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Quant Title : SW846 8260
QLast Update : Mon Jun 28 14:31:03 2021
Response via : Initial Calibration

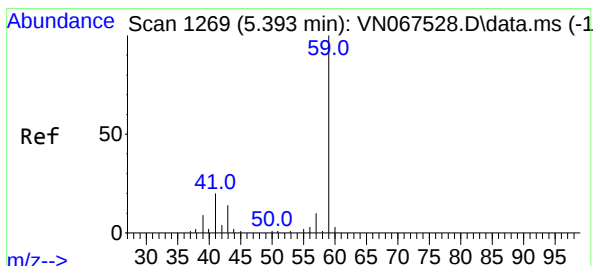
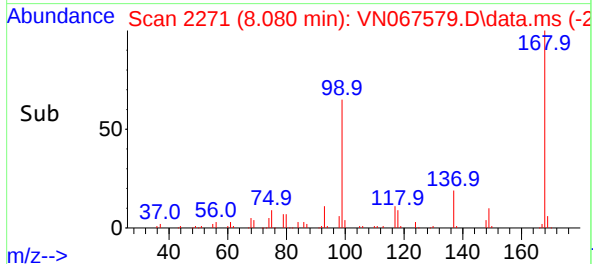
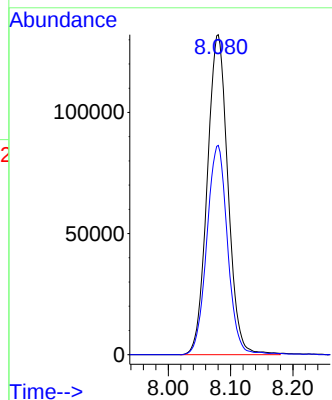
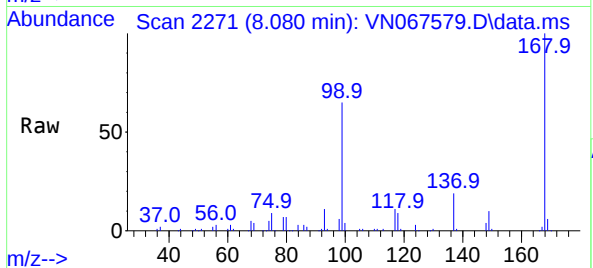




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 2271
Delta R.T. -0.008 min
Lab File: VN067579.D
Acq: 30 Jun 2021 18:05

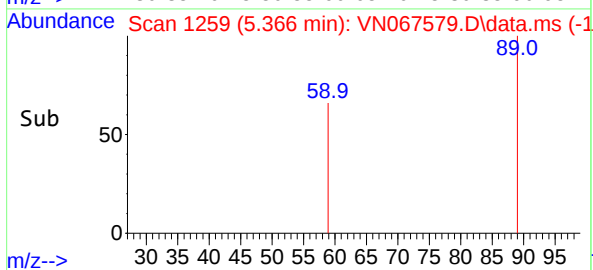
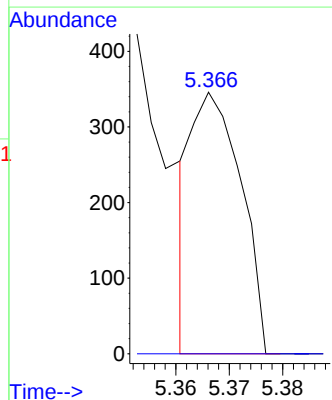
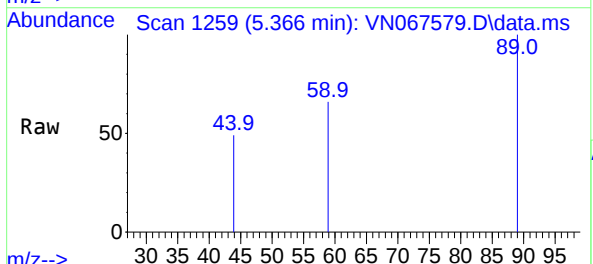
Instrument :
MSVOA_N
ClientSampleId :

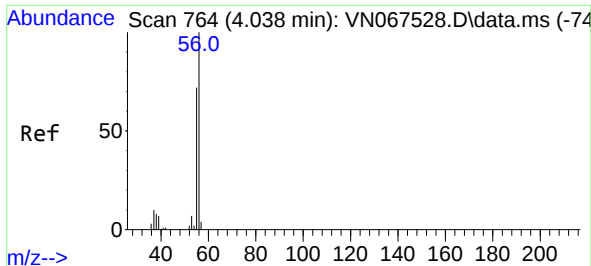
Tgt Ion:168 Resp: 305134
Ion Ratio Lower Upper
168 100
99 65.4 62.9 94.3



#11
Tert butyl alcohol
Concen: 0.358 ug/l
RT: 5.366 min Scan# 1259
Delta R.T. -0.027 min
Lab File: VN067579.D
Acq: 30 Jun 2021 18:05

Tgt Ion: 59 Resp: 223
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#

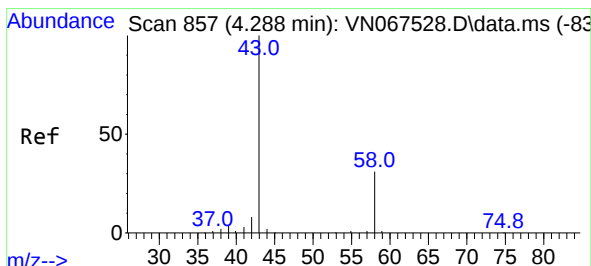
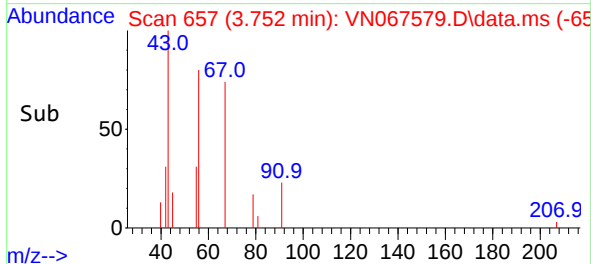
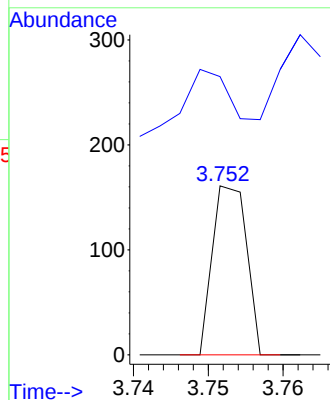
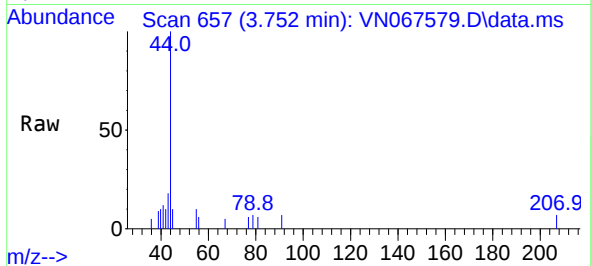




#13
Acrolein
Concen: 2.350 ug/l
RT: 3.752 min Scan# 657
Delta R.T. -0.286 min
Lab File: VN067579.D
Acq: 30 Jun 2021 18:05

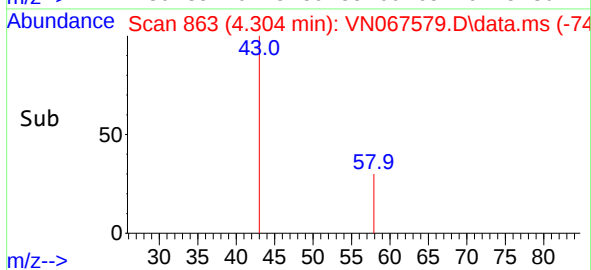
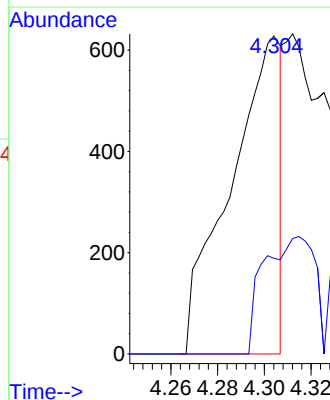
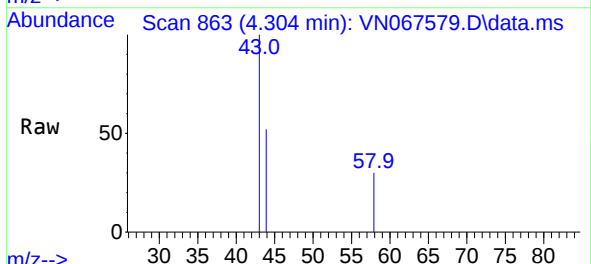
Instrument :
MSVOA_N
ClientSampleId :

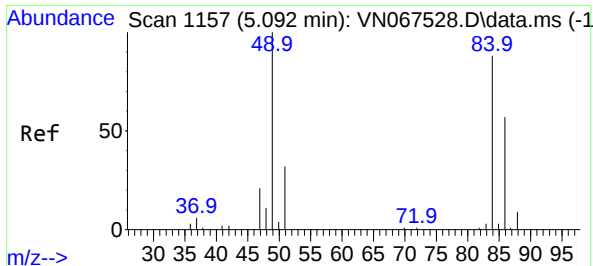
Tgt Ion: 56 Resp: 51
Ion Ratio Lower Upper
56 100
55 39.2 57.4 86.0#



#16
Acetone
Concen: 0.684 ug/l
RT: 4.304 min Scan# 863
Delta R.T. 0.016 min
Lab File: VN067579.D
Acq: 30 Jun 2021 18:05

Tgt Ion: 43 Resp: 942
Ion Ratio Lower Upper
43 100
58 30.1 21.2 31.8

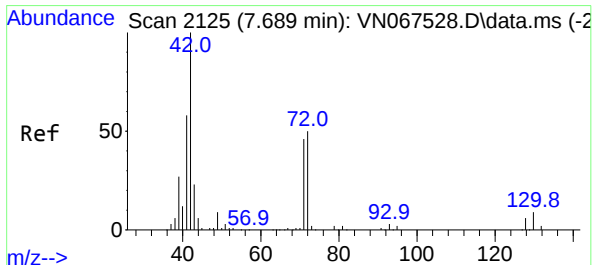
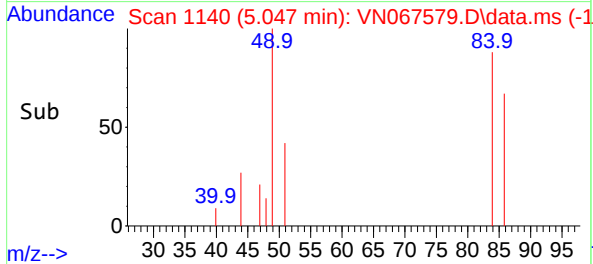
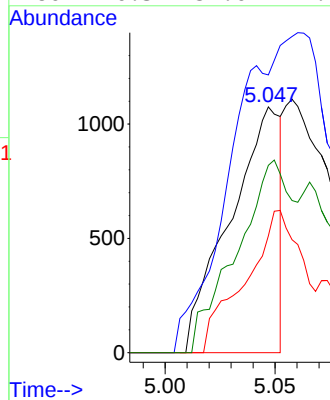
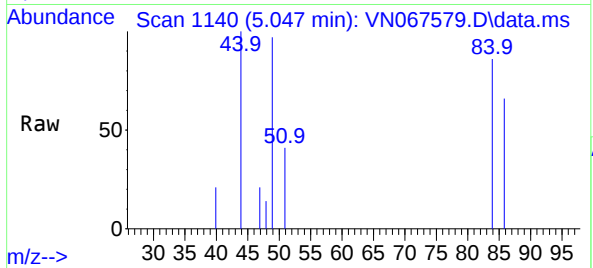




#20
Methylene Chloride
Concen: 0.269 ug/l
RT: 5.047 min Scan# 1140
Delta R.T. -0.045 min
Lab File: VN067579.D
Acq: 30 Jun 2021 18:05

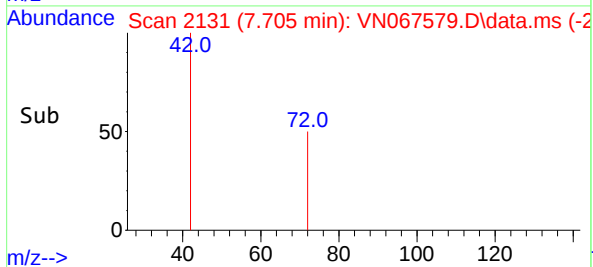
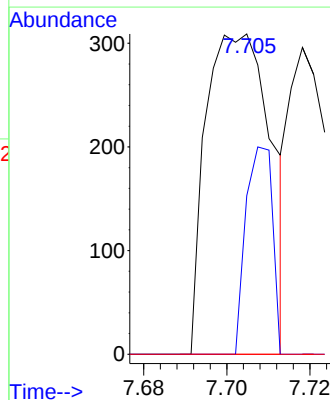
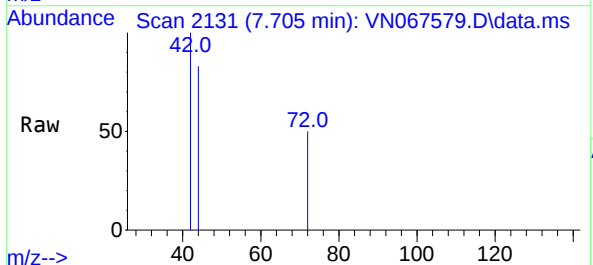
Instrument :
MSVOA_N
ClientSampleId :

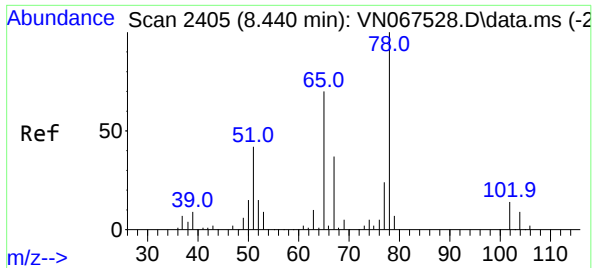
Tgt Ion: 84 Resp: 1711
Ion Ratio Lower Upper
84 100
49 99.1 110.9 166.3#
51 47.5 32.6 49.0
86 76.3 51.6 77.4



#29
Tetrahydrofuran
Concen: 0.237 ug/l
RT: 7.705 min Scan# 2131
Delta R.T. 0.016 min
Lab File: VN067579.D
Acq: 30 Jun 2021 18:05

Tgt Ion: 42 Resp: 335
Ion Ratio Lower Upper
42 100
72 26.6 32.8 49.2#
71 0.0 31.2 46.8#

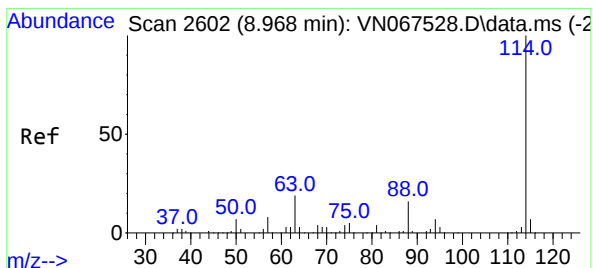
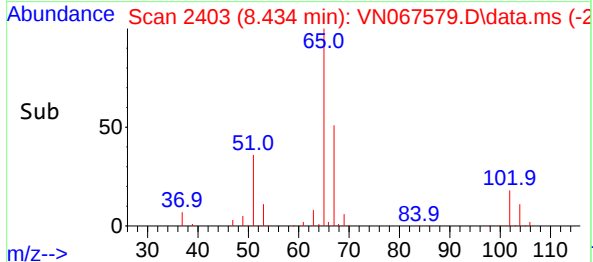
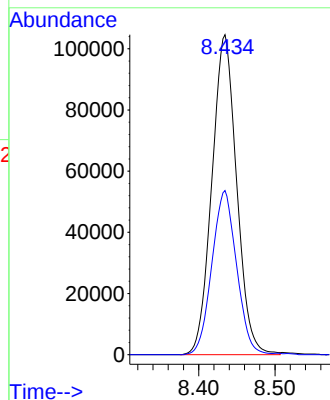
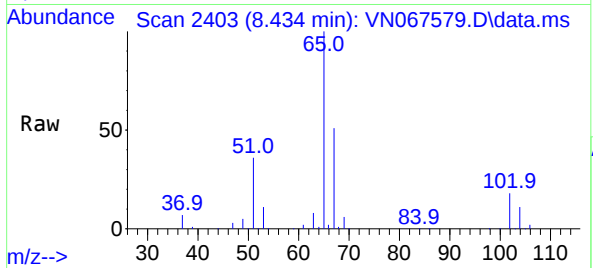




#33
1,2-Dichloroethane-d4
Concen: 56.483 ug/l
RT: 8.434 min Scan# 2403
Delta R.T. -0.006 min
Lab File: VN067579.D
Acq: 30 Jun 2021 18:05

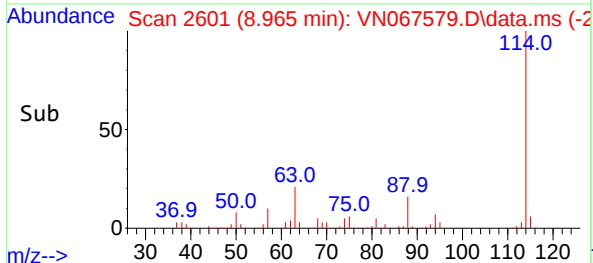
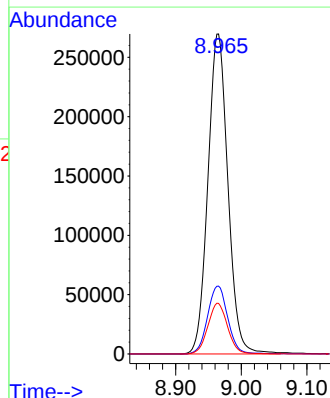
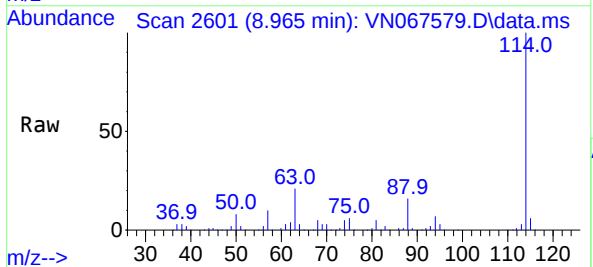
Instrument :
MSVOA_N
ClientSampleId :

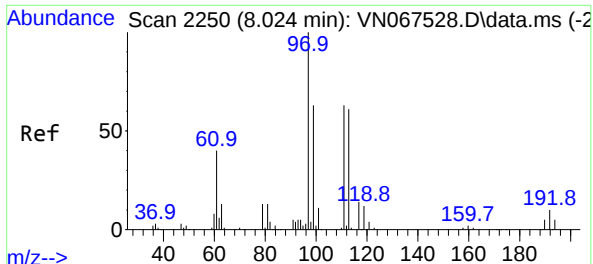
Tgt Ion: 65 Resp: 235877
Ion Ratio Lower Upper
65 100
67 51.1 0.0 98.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.965 min Scan# 2601
Delta R.T. -0.003 min
Lab File: VN067579.D
Acq: 30 Jun 2021 18:05

Tgt Ion:114 Resp: 570890
Ion Ratio Lower Upper
114 100
63 21.2 0.0 49.0
88 15.8 0.0 36.6



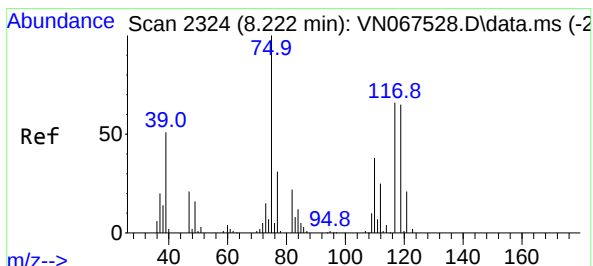
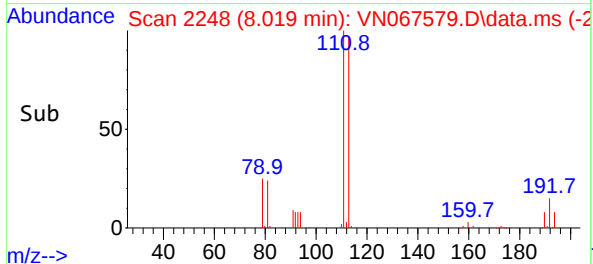
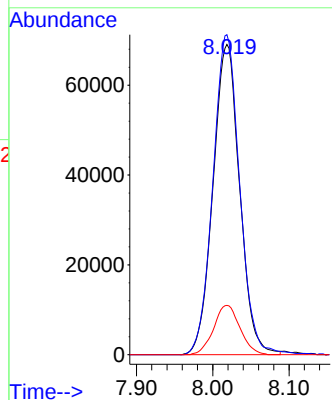
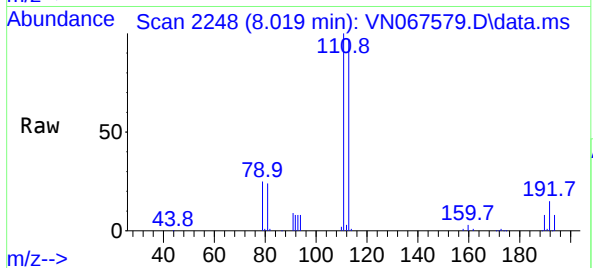


#35

Dibromofluoromethane
Concen: 47.350 ug/l
RT: 8.019 min Scan# 2248
Delta R.T. -0.005 min
Lab File: VN067579.D
Acq: 30 Jun 2021 18:05

Instrument :
MSVOA_N
ClientSampleId :

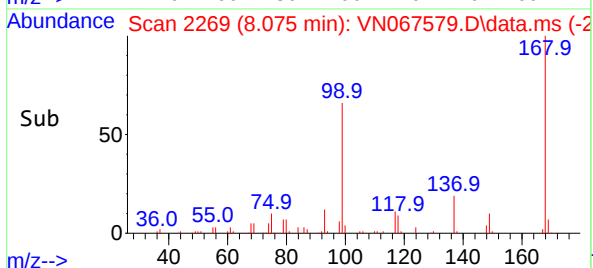
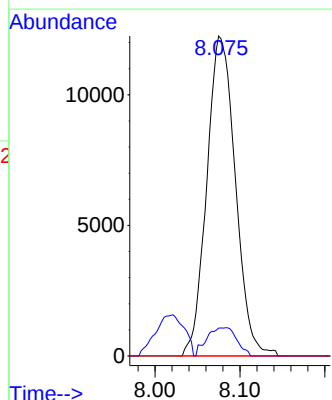
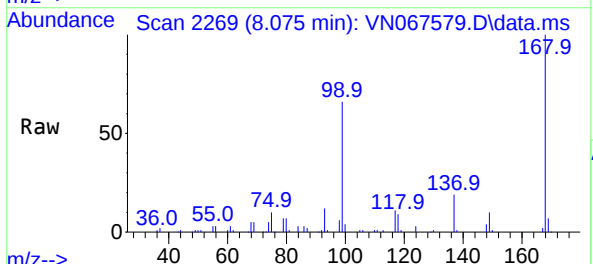
Tgt Ion:113 Resp: 167595
Ion Ratio Lower Upper
113 100
111 103.7 83.8 125.8
192 15.8 13.4 20.0

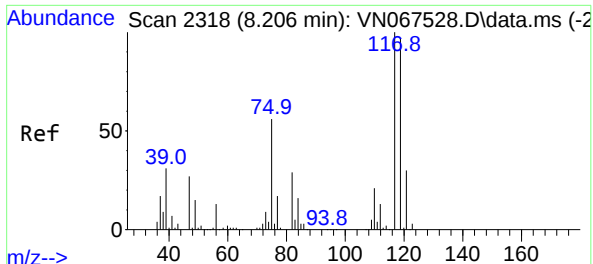


#36

1,1-Dichloropropene
Concen: 5.561 ug/l
RT: 8.075 min Scan# 2269
Delta R.T. -0.147 min
Lab File: VN067579.D
Acq: 30 Jun 2021 18:05

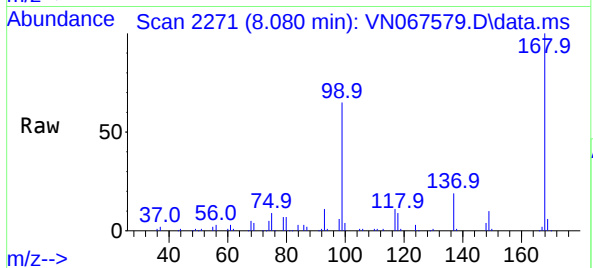
Tgt Ion: 75 Resp: 28662
Ion Ratio Lower Upper
75 100
110 9.2 15.7 47.0#
77 0.0 24.6 37.0#



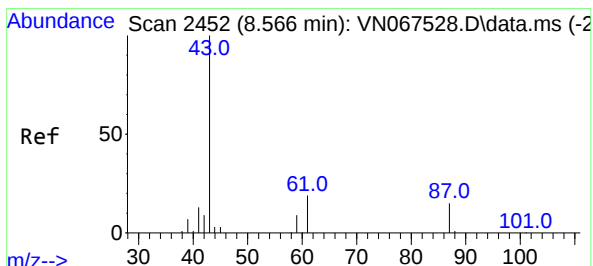
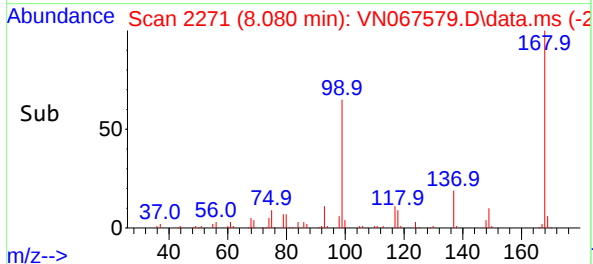
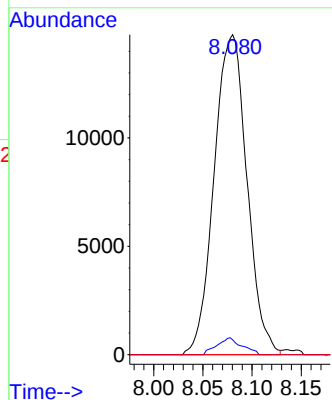


#38
Carbon Tetrachloride
Concen: 6.216 ug/l
RT: 8.080 min Scan# 2271
Delta R.T. -0.126 min
Lab File: VN067579.D
Acq: 30 Jun 2021 18:05

Instrument :
MSVOA_N
ClientSampleId :

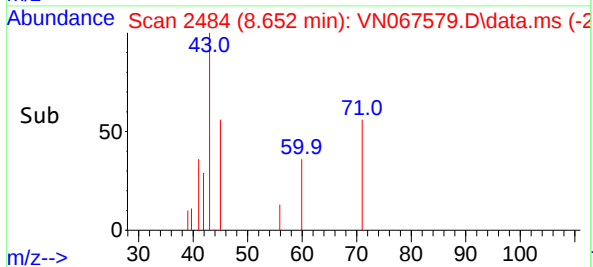
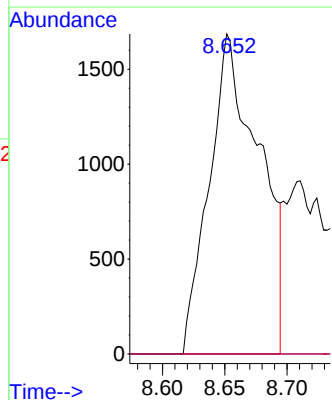
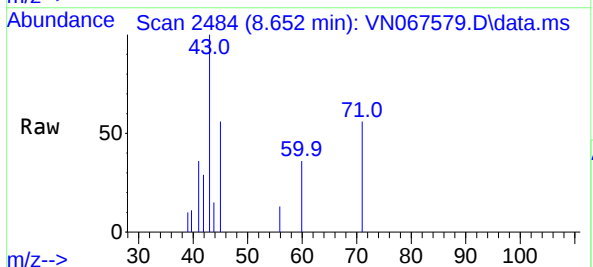


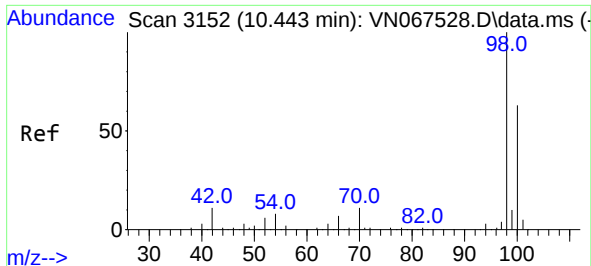
Tgt Ion:117 Resp: 34320
Ion Ratio Lower Upper
117 100
119 4.7 75.4 113.2#
121 0.0 23.5 35.3#



#43
Isopropyl Acetate
Concen: 0.582 ug/l
RT: 8.652 min Scan# 2484
Delta R.T. 0.086 min
Lab File: VN067579.D
Acq: 30 Jun 2021 18:05

Tgt Ion: 43 Resp: 4706
Ion Ratio Lower Upper
43 100
61 0.0 19.0 28.4#
87 0.0 9.5 14.3#

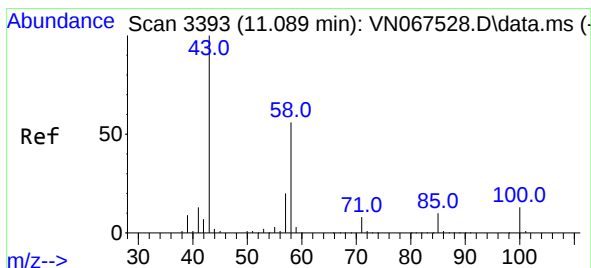
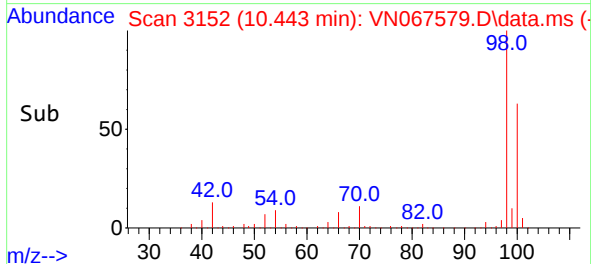
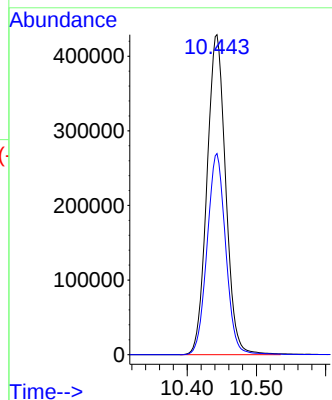
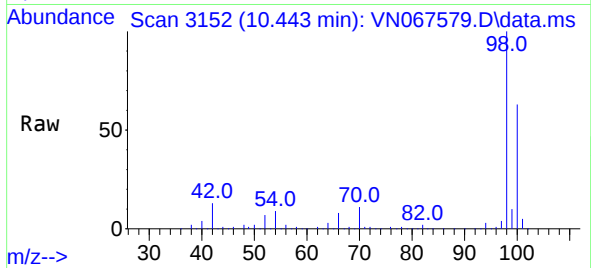




#50
Toluene-d8
Concen: 56.036 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN067579.D
Acq: 30 Jun 2021 18:05

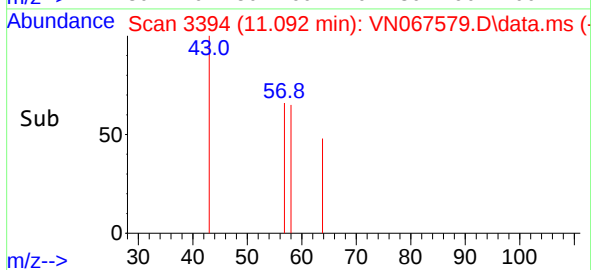
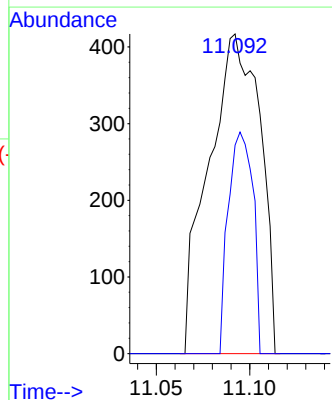
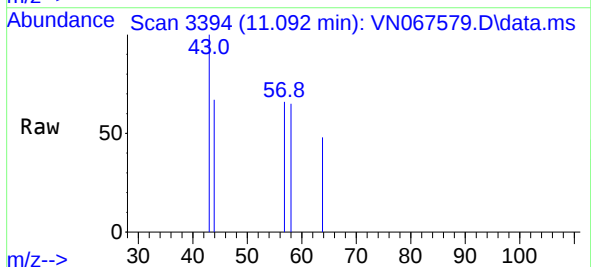
Instrument :
MSVOA_N
ClientSampled :

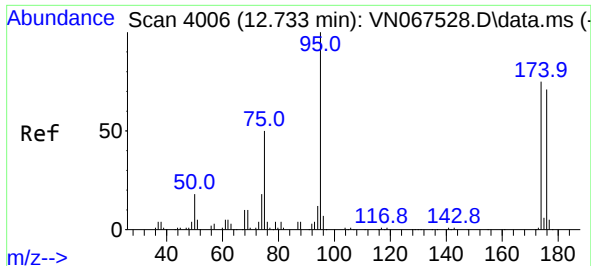
Tgt Ion: 98 Resp: 805706
Ion Ratio Lower Upper
98 100
100 62.4 51.7 77.5



#59
2-Hexanone
Concen: 0.232 ug/l
RT: 11.092 min Scan# 3394
Delta R.T. 0.003 min
Lab File: VN067579.D
Acq: 30 Jun 2021 18:05

Tgt Ion: 43 Resp: 798
Ion Ratio Lower Upper
43 100
58 33.1 24.7 74.1

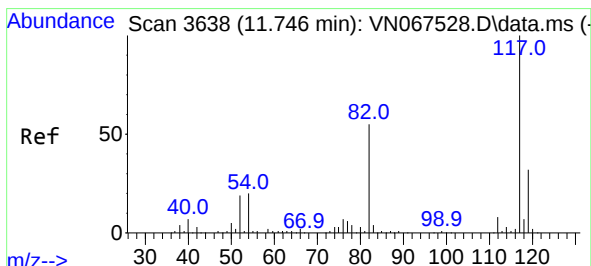
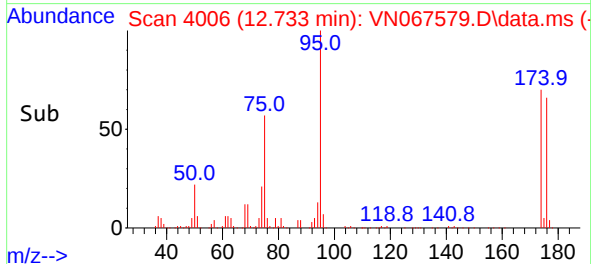
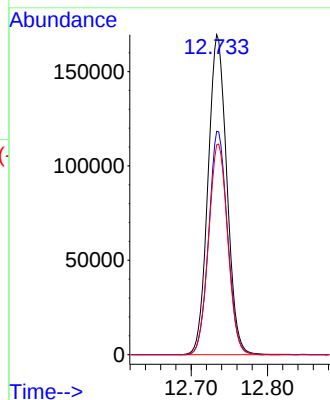
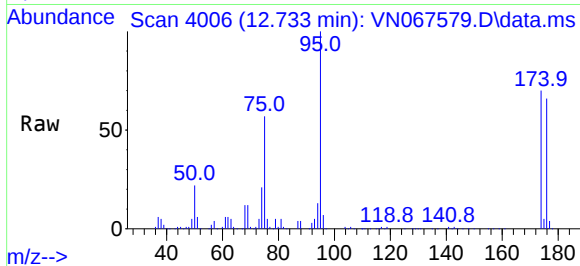




#62
4-Bromofluorobenzene
Concen: 57.772 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN067579.D
Acq: 30 Jun 2021 18:05

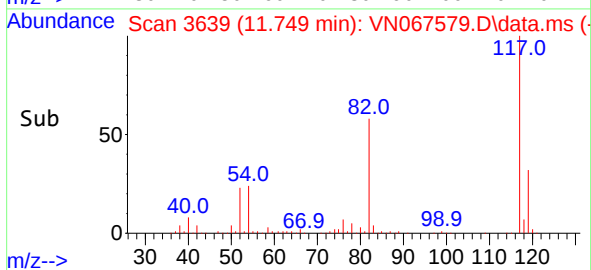
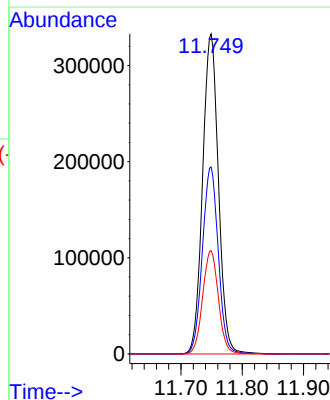
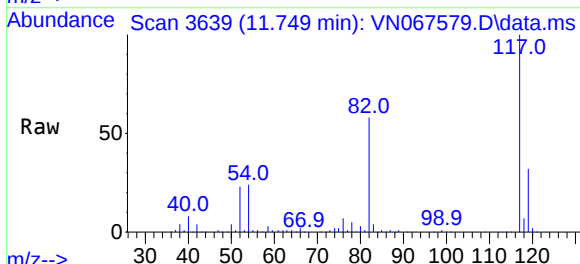
Instrument :
MSVOA_N
ClientSampleId :

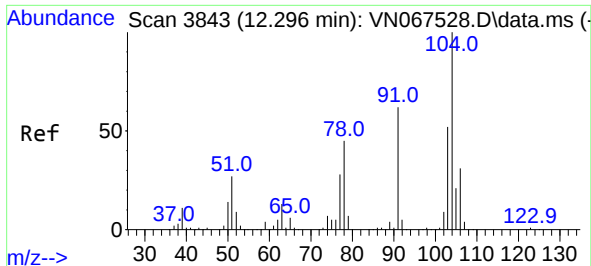
Tgt Ion: 95 Resp: 290152
Ion Ratio Lower Upper
95 100
174 69.6 0.0 122.0
176 66.8 0.0 117.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.003 min
Lab File: VN067579.D
Acq: 30 Jun 2021 18:05

Tgt Ion: 117 Resp: 597166
Ion Ratio Lower Upper
117 100
82 58.4 53.1 79.7
119 32.3 25.5 38.3

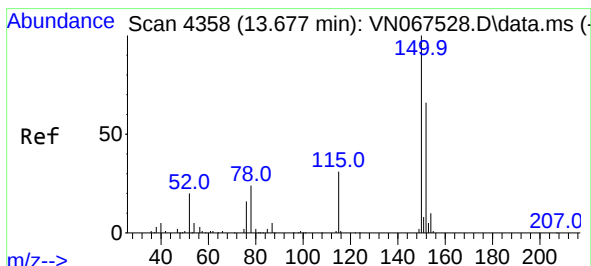
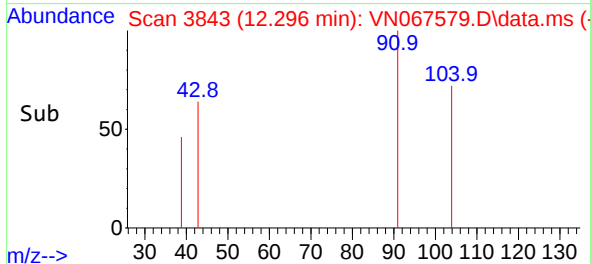
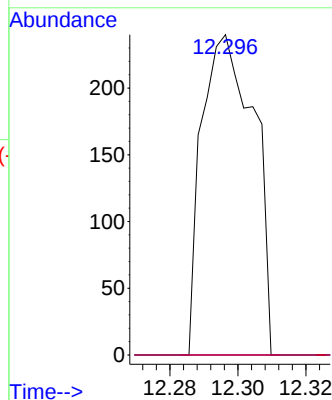
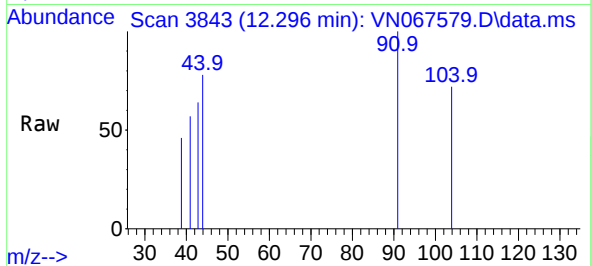




#70
Styrene
Concen: 1.899 ug/l
RT: 12.296 min Scan# 3843
Delta R.T. 0.000 min
Lab File: VN067579.D
Acq: 30 Jun 2021 18:05

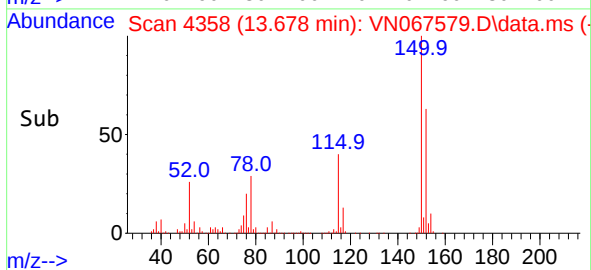
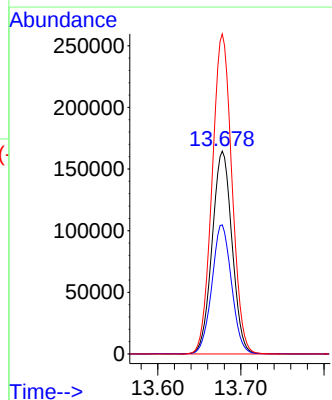
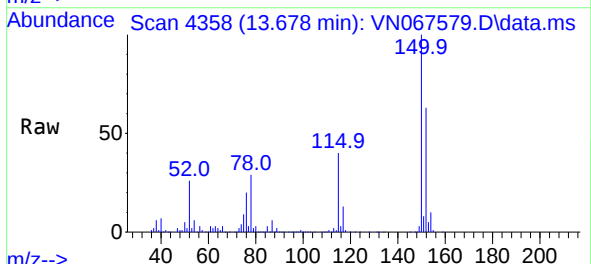
Instrument :
MSVOA_N
ClientSampled :

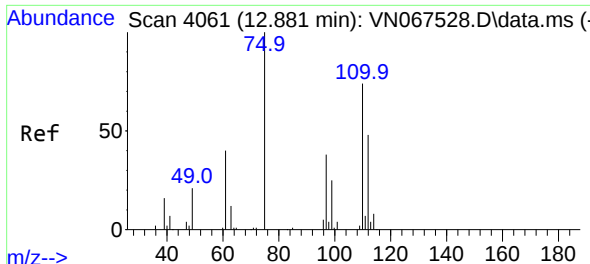
Tgt Ion:104 Resp: 255
Ion Ratio Lower Upper
104 100
78 0.0 48.2 72.2#
103 0.0 44.5 66.7#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.001 min
Lab File: VN067579.D
Acq: 30 Jun 2021 18:05

Tgt Ion:152 Resp: 273785
Ion Ratio Lower Upper
152 100
115 62.7 36.1 108.5
150 157.1 0.0 351.8

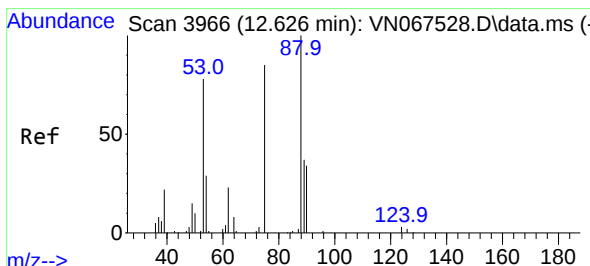
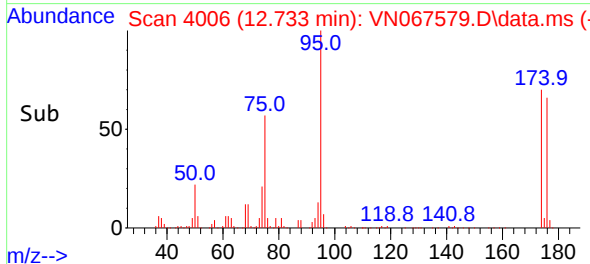
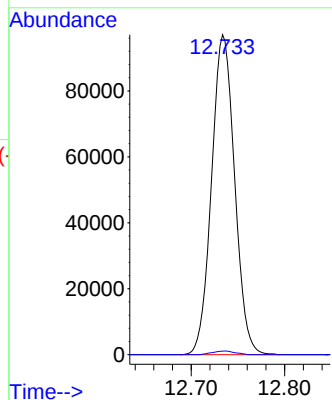
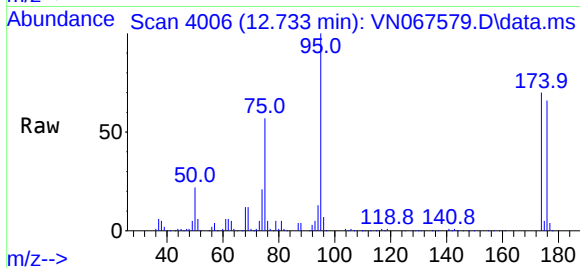




#76
1,2,3-Trichloropropane
Concen: 30.342 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.148 min
Lab File: VN067579.D
Acq: 30 Jun 2021 18:05

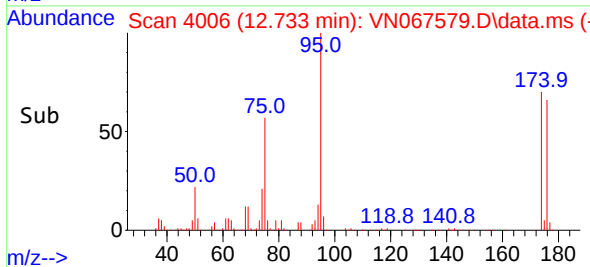
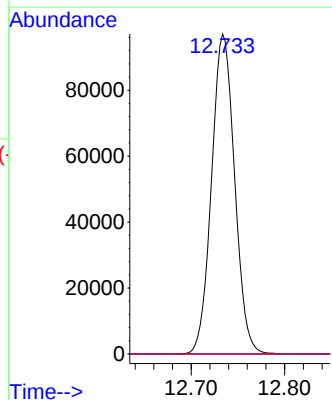
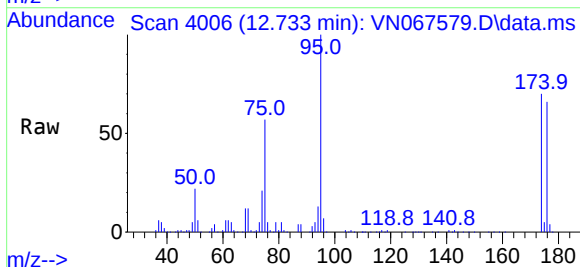
Instrument :
MSVOA_N
ClientSampleId :

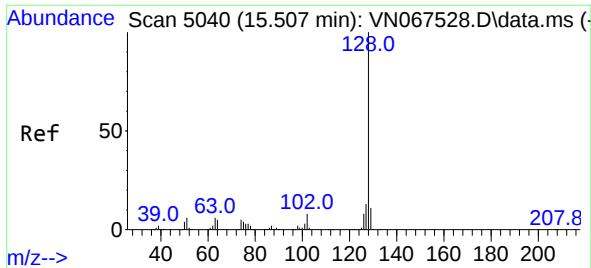
Tgt Ion: 75 Resp: 166508
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 87.234 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.107 min
Lab File: VN067579.D
Acq: 30 Jun 2021 18:05

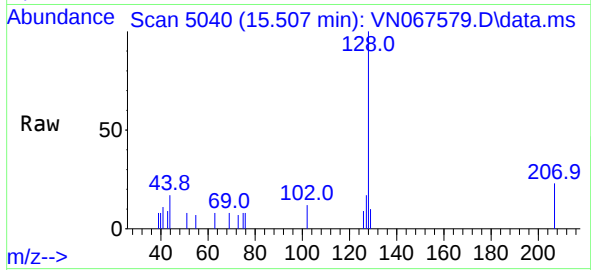
Tgt Ion: 75 Resp: 166508
Ion Ratio Lower Upper
75 100
53 0.0 87.6 131.4#
89 0.0 37.8 56.8#





#95
Naphthalene
Concen: 3.485 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN067579.D
Acq: 30 Jun 2021 18:05

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:128 Resp: 4357
Ion Ratio Lower Upper
128 100
127 10.6 10.6 15.8
129 4.7 8.6 12.8#

