

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062921\
 Data File : VN067567.D
 Acq On : 29 Jun 2021 20:57
 Operator : JC/MD
 Sample : M2883-01 50X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 30 03:41:45 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)

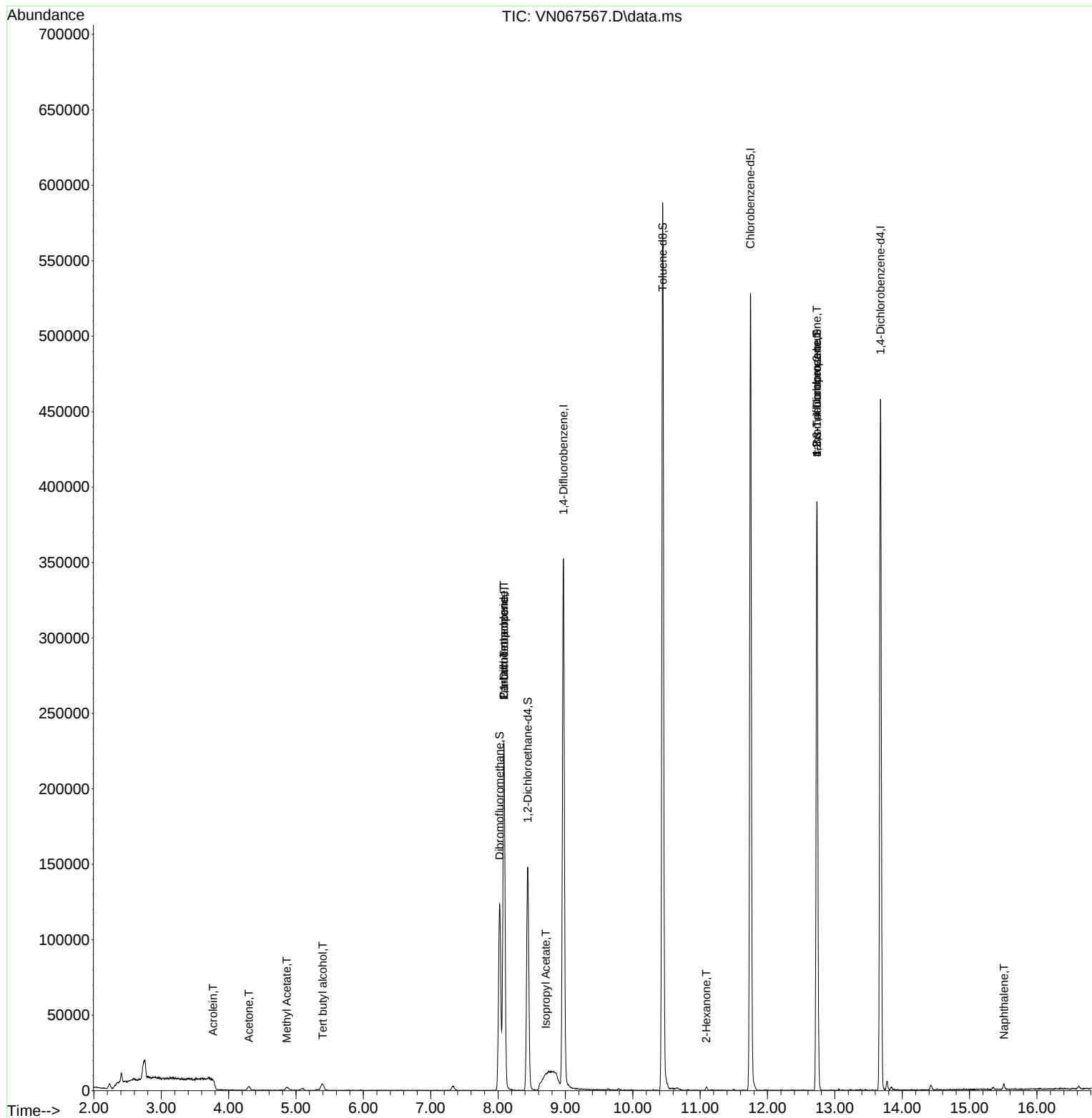
Internal Standards						
1) Pentafluorobenzene	8.088	168	163349	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	304731	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	293311	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	115963	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	123270	55.140	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 110.280%			
35) Dibromofluoromethane	8.024	113	89052	47.134	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 94.260%			
50) Toluene-d8	10.443	98	409198	53.316	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 106.640%			
62) 4-Bromofluorobenzene	12.733	95	133011	49.615	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 99.240%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.396	59	7349	22.022	ug/l #	74
13) Acrolein	3.768	56	26	2.344	ug/l #	1
16) Acetone	4.299	43	4823	6.541	ug/l #	89
18) Methyl Acetate	4.862	43	2625	1.335	ug/l #	77
31) Cyclohexane	8.088	56	4400	Below Cal	#	17
36) 1,1-Dichloropropene	8.088	75	15113	5.494	ug/l #	52
38) Carbon Tetrachloride	8.086	117	18158	6.162	ug/l #	18
43) Isopropyl Acetate	8.711	43	16687	3.867	ug/l #	58
59) 2-Hexanone	11.089	43	849	0.462	ug/l #	28
76) 1,2,3-Trichloropropane	12.733	75	77040	33.145	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.733	75	77040	95.292	ug/l #	6
95) Naphthalene	15.509	128	3801	3.806	ug/l	97

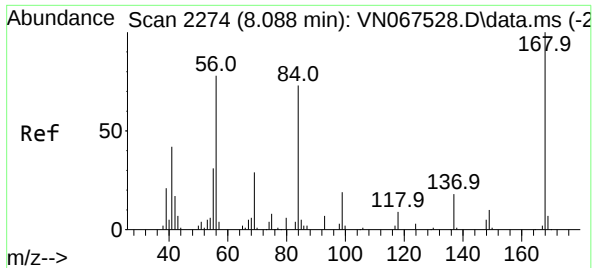
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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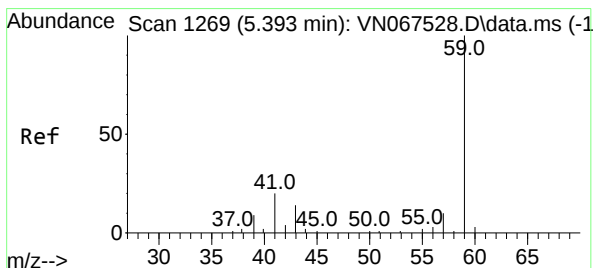
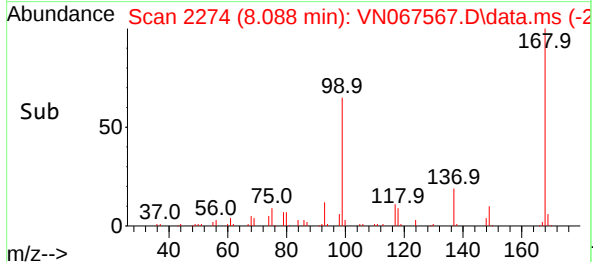
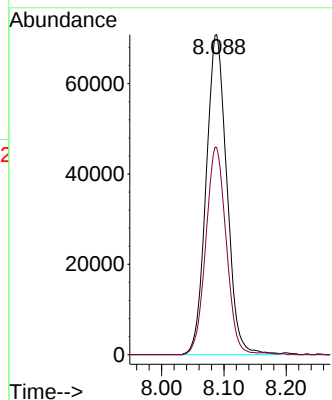
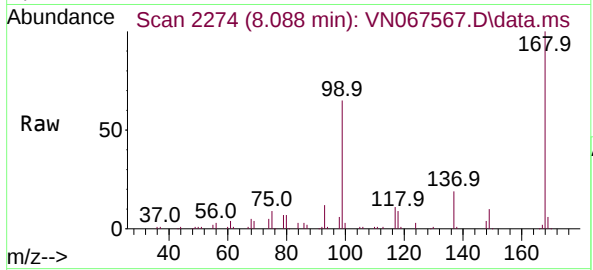




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN067567.D
Acq: 29 Jun 2021 20:57

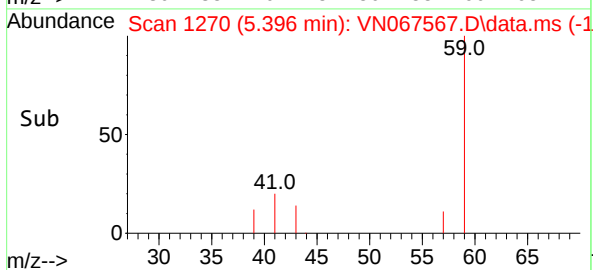
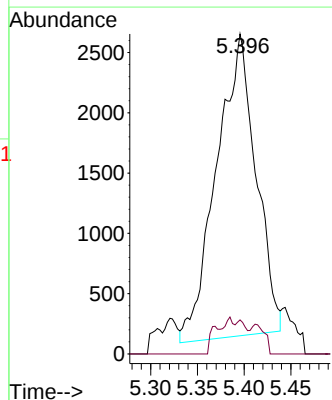
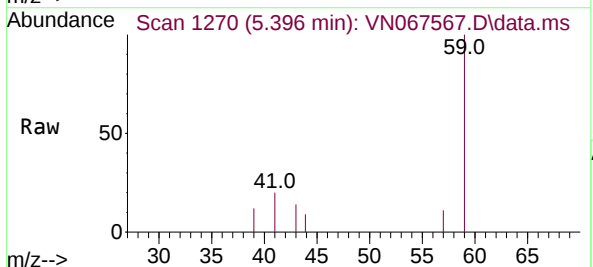
Instrument :
MSVOA_N
ClientSampleId :

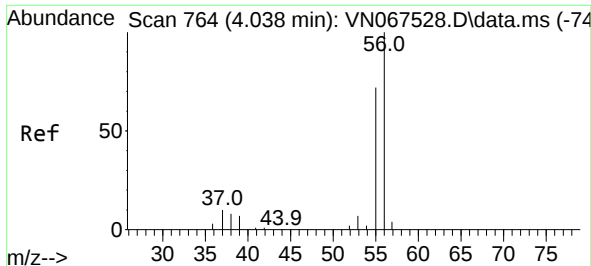
Tgt Ion:168 Resp: 163349
Ion Ratio Lower Upper
168 100
99 64.8 62.9 94.3



#11
Tert butyl alcohol
Concen: 22.022 ug/l
RT: 5.396 min Scan# 1270
Delta R.T. 0.003 min
Lab File: VN067567.D
Acq: 29 Jun 2021 20:57

Tgt Ion: 59 Resp: 7349
Ion Ratio Lower Upper
59 100
57 0.9 8.7 13.1#

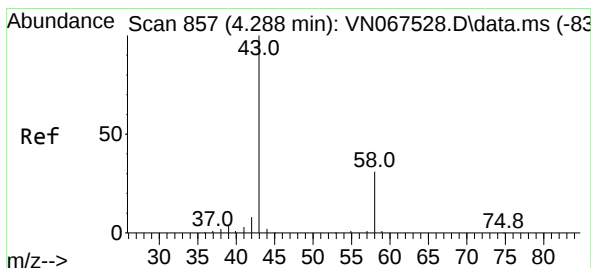
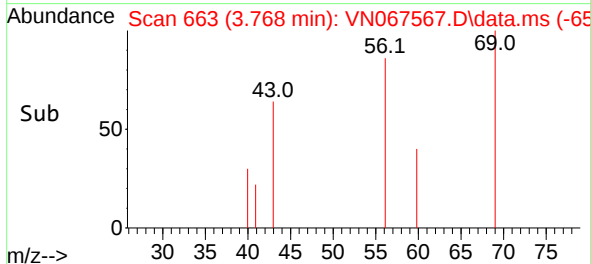
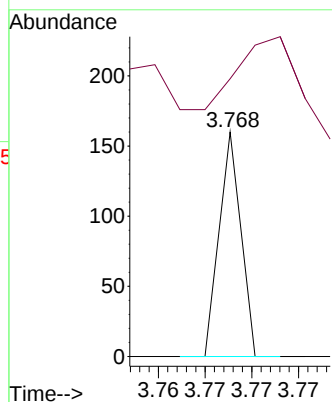
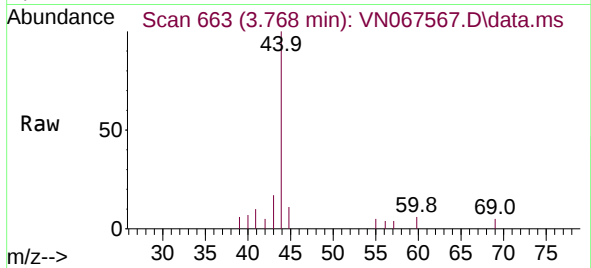




#13
Acrolein
Concen: 2.344 ug/l
RT: 3.768 min Scan# 663
Delta R.T. -0.270 min
Lab File: VN067567.D
Acq: 29 Jun 2021 20:57

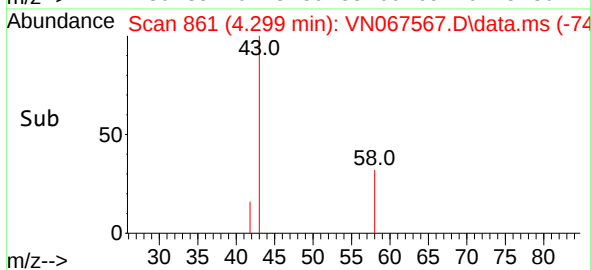
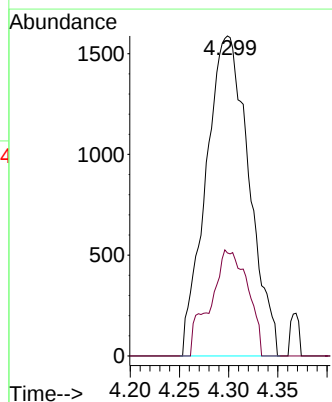
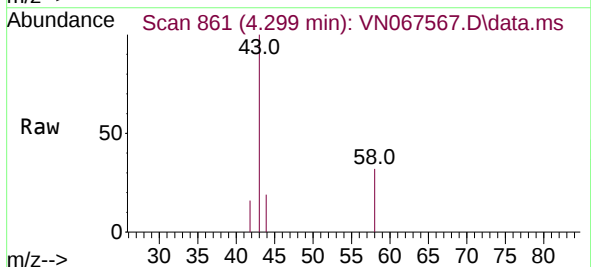
Instrument :
MSVOA_N
ClientSampled :

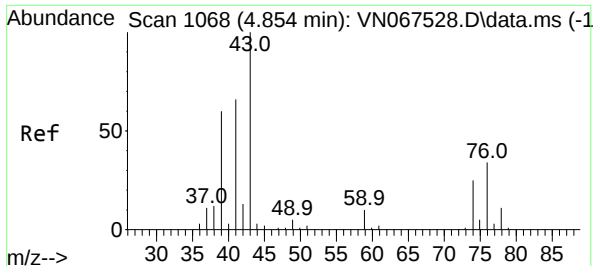
Tgt Ion: 56 Resp: 26
Ion Ratio Lower Upper
56 100
55 234.6 57.4 86.0#



#16
Acetone
Concen: 6.541 ug/l
RT: 4.299 min Scan# 861
Delta R.T. 0.011 min
Lab File: VN067567.D
Acq: 29 Jun 2021 20:57

Tgt Ion: 43 Resp: 4823
Ion Ratio Lower Upper
43 100
58 32.2 21.2 31.8#

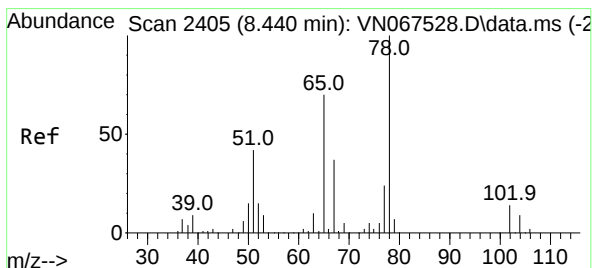
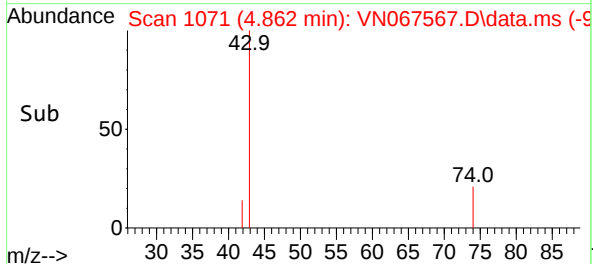
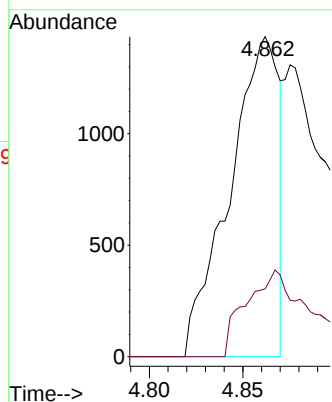
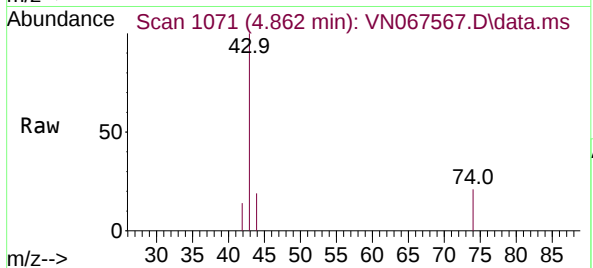




#18
Methyl Acetate
Concen: 1.335 ug/l
RT: 4.862 min Scan# 1071
Delta R.T. 0.008 min
Lab File: VN067567.D
Acq: 29 Jun 2021 20:57

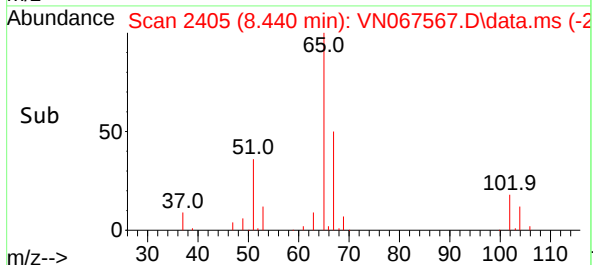
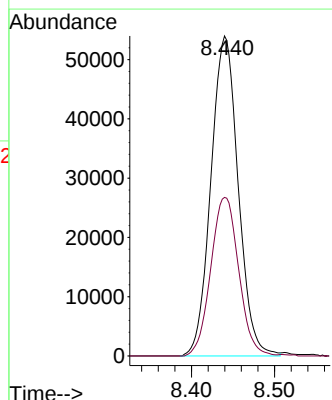
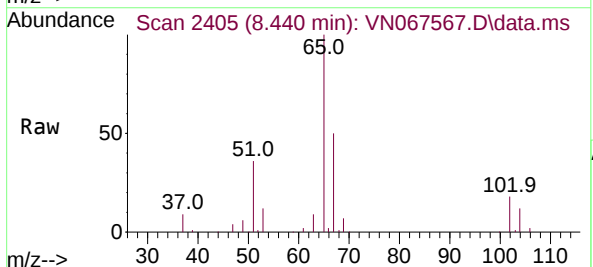
Instrument :
MSVOA_N
ClientSampled :

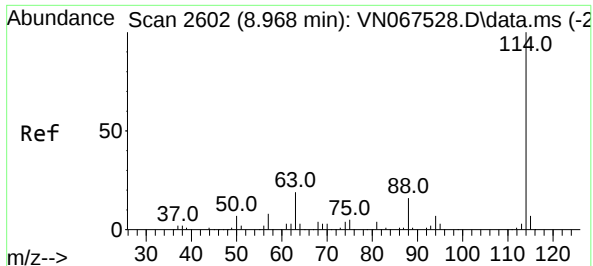
Tgt Ion: 43 Resp: 2625
Ion Ratio Lower Upper
43 100
74 32.4 17.4 26.0#



#33
1,2-Dichloroethane-d4
Concen: 55.140 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN067567.D
Acq: 29 Jun 2021 20:57

Tgt Ion: 65 Resp: 123270
Ion Ratio Lower Upper
65 100
67 50.7 0.0 98.6

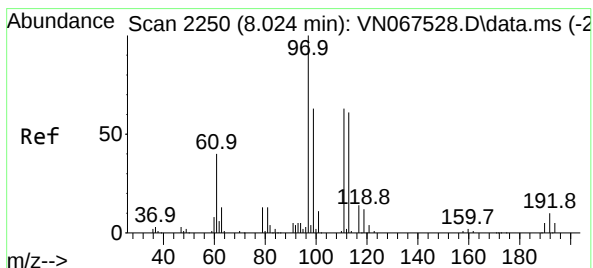
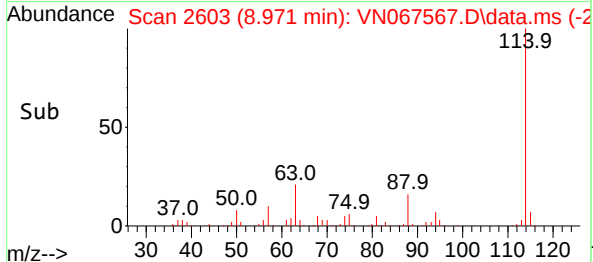
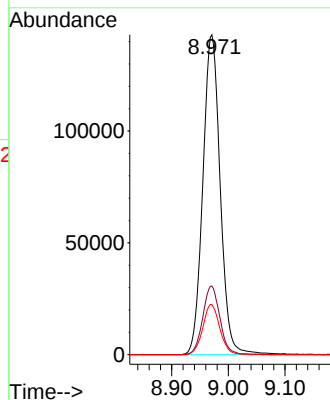
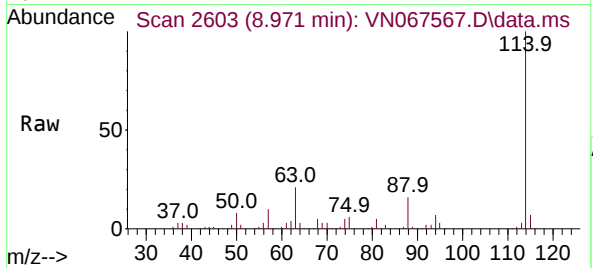




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN067567.D
Acq: 29 Jun 2021 20:57

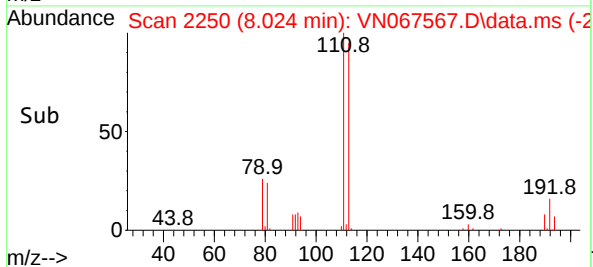
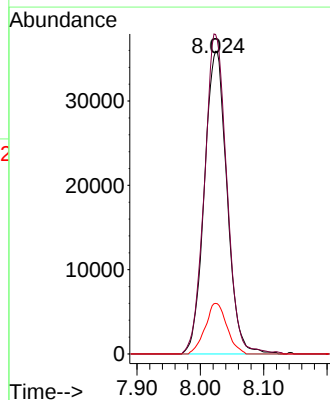
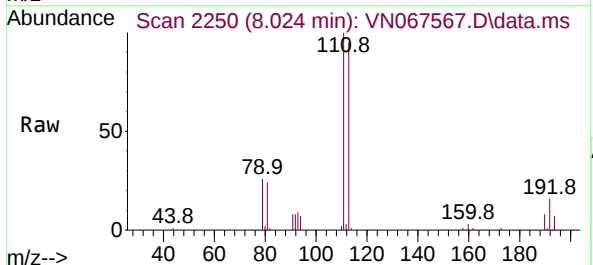
Instrument :
MSVOA_N
ClientSampled :

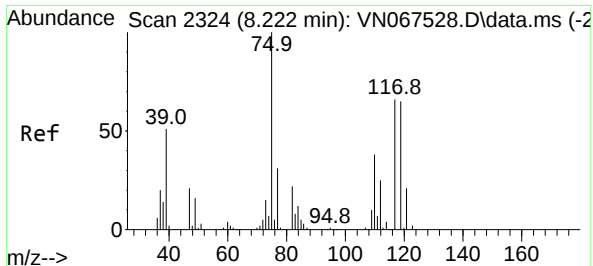
Tgt Ion:114 Resp: 304731
Ion Ratio Lower Upper
114 100
63 21.5 0.0 49.0
88 15.7 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.134 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. -0.000 min
Lab File: VN067567.D
Acq: 29 Jun 2021 20:57

Tgt Ion:113 Resp: 89052
Ion Ratio Lower Upper
113 100
111 104.5 83.8 125.8
192 16.0 13.4 20.0

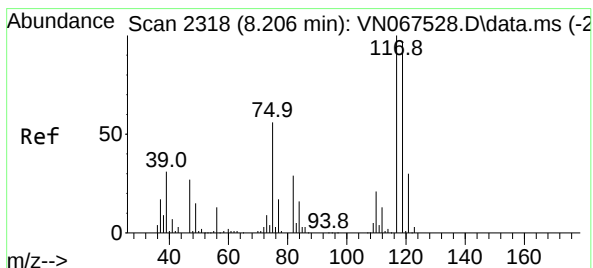
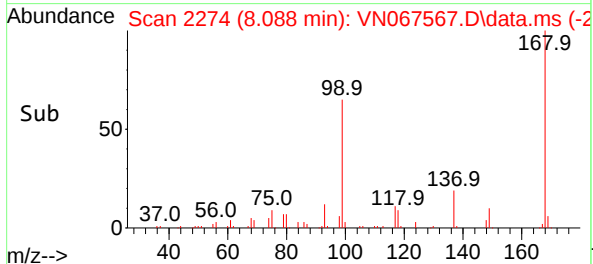
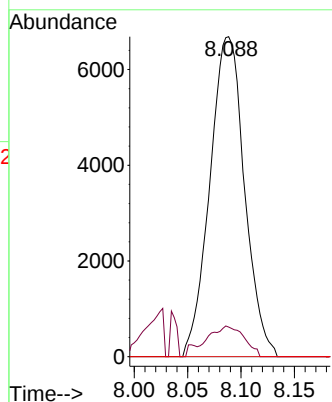
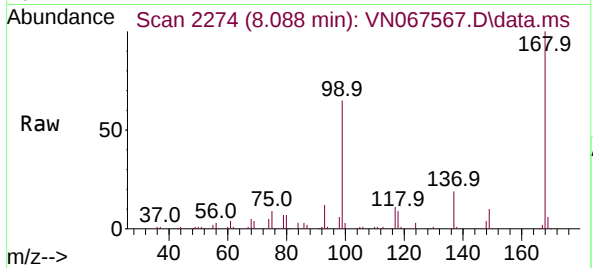




#36
1,1-Dichloropropene
Concen: 5.494 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.134 min
Lab File: VN067567.D
Acq: 29 Jun 2021 20:57

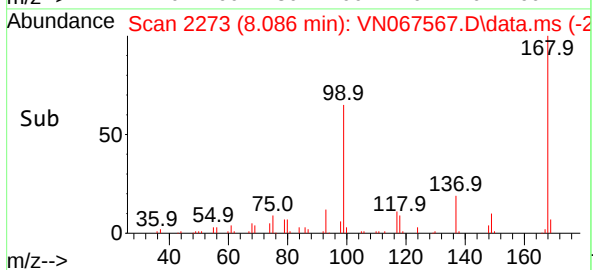
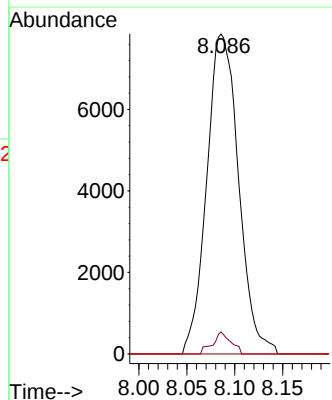
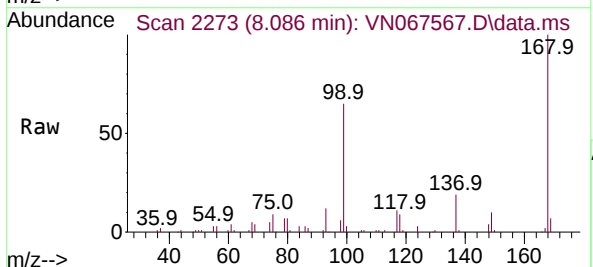
Instrument :
MSVOA_N
ClientSampled :

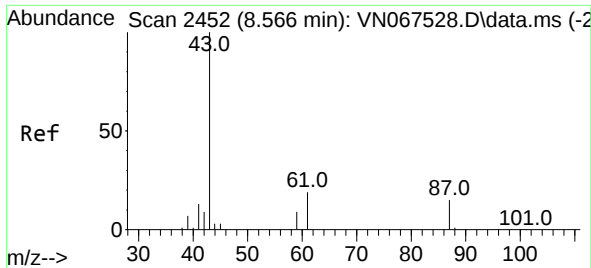
Tgt Ion: 75 Resp: 15113
Ion Ratio Lower Upper
75 100
110 9.6 15.7 47.0#
77 0.0 24.6 37.0#



#38
Carbon Tetrachloride
Concen: 6.162 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.120 min
Lab File: VN067567.D
Acq: 29 Jun 2021 20:57

Tgt Ion: 117 Resp: 18158
Ion Ratio Lower Upper
117 100
119 6.9 75.4 113.2#
121 0.0 23.5 35.3#

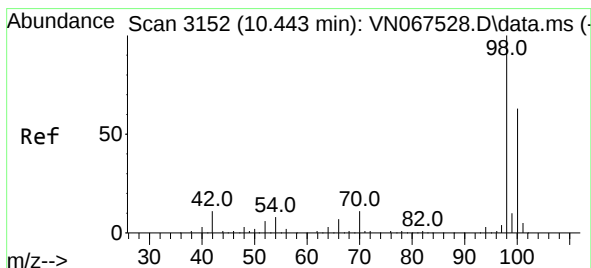
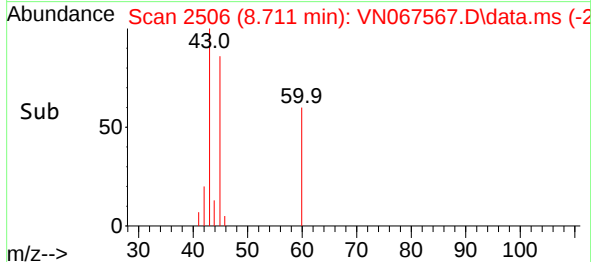
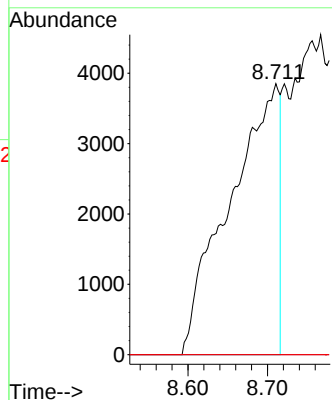
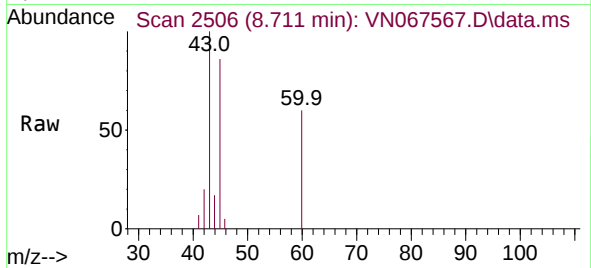




#43
Isopropyl Acetate
Concen: 3.867 ug/l
RT: 8.711 min Scan# 2506
Delta R.T. 0.145 min
Lab File: VN067567.D
Acq: 29 Jun 2021 20:57

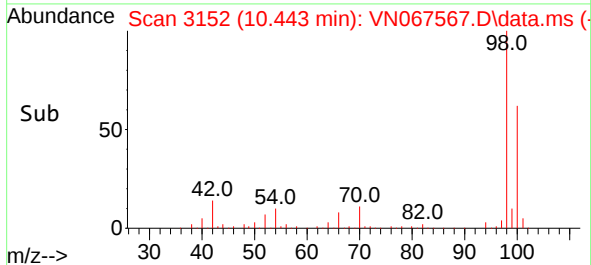
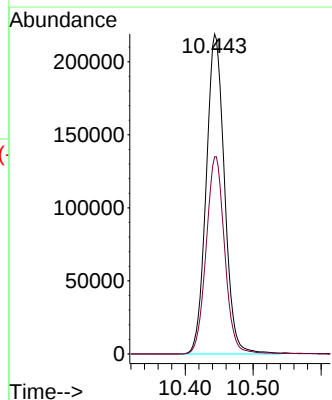
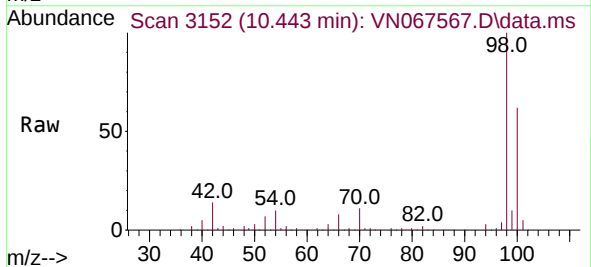
Instrument :
MSVOA_N
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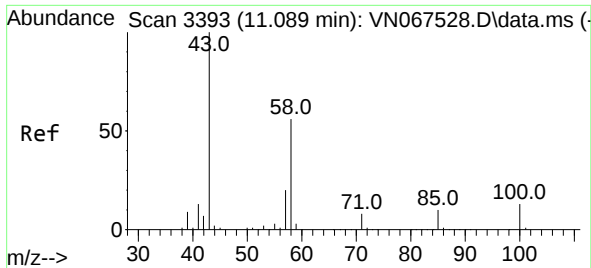
Tgt Ion: 43 Resp: 16687
Ion Ratio Lower Upper
43 100
61 0.0 19.0 28.4#
87 0.0 9.5 14.3#



#50
Toluene-d8
Concen: 53.316 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN067567.D
Acq: 29 Jun 2021 20:57

Tgt Ion: 98 Resp: 409198
Ion Ratio Lower Upper
98 100
100 62.5 51.7 77.5

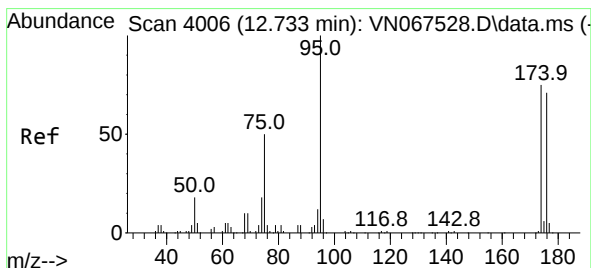
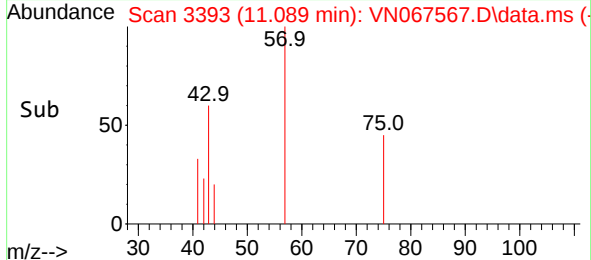
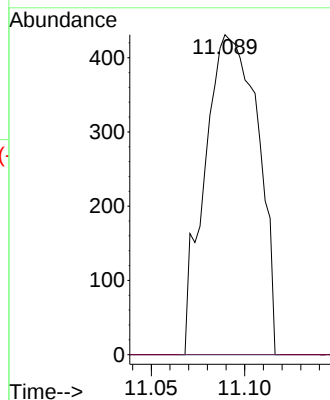
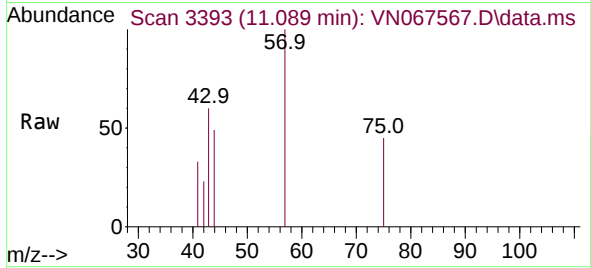




#59
2-Hexanone
Concen: 0.462 ug/l
RT: 11.089 min Scan# 3393
Delta R.T. 0.000 min
Lab File: VN067567.D
Acq: 29 Jun 2021 20:57

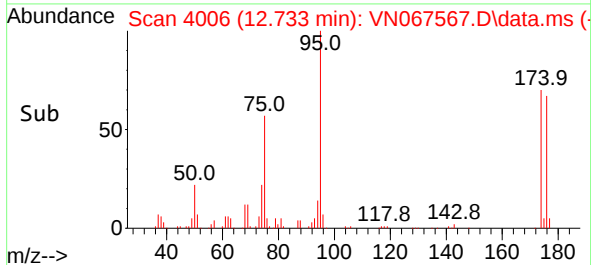
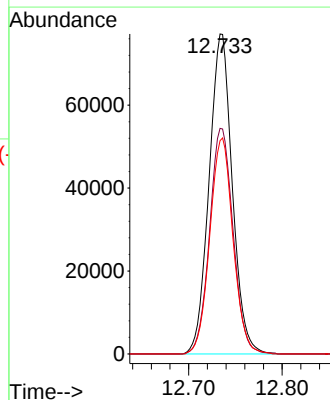
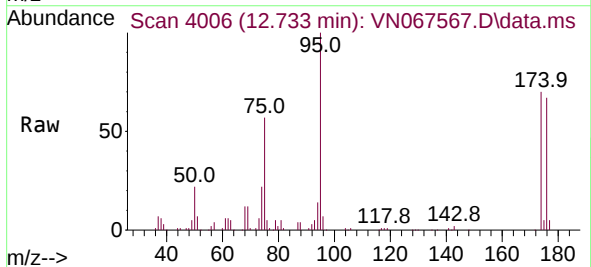
Instrument :
MSVOA_N
ClientSampled :

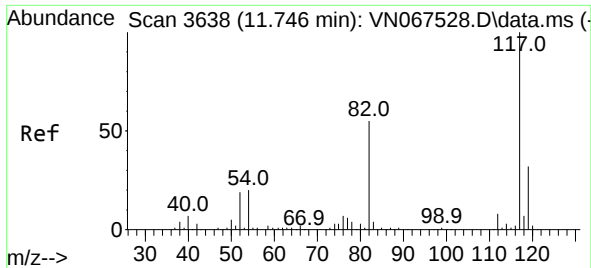
Tgt Ion: 43 Resp: 849
Ion Ratio Lower Upper
43 100
58 0.0 24.7 74.1#



#62
4-Bromofluorobenzene
Concen: 49.615 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN067567.D
Acq: 29 Jun 2021 20:57

Tgt Ion: 95 Resp: 133011
Ion Ratio Lower Upper
95 100
174 71.4 0.0 122.0
176 67.7 0.0 117.6

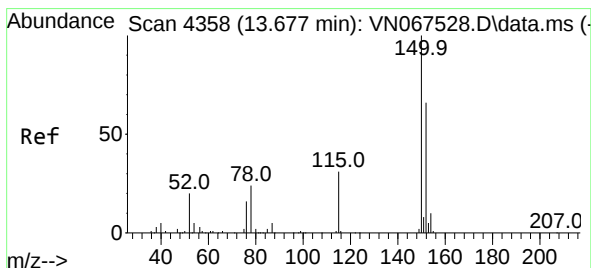
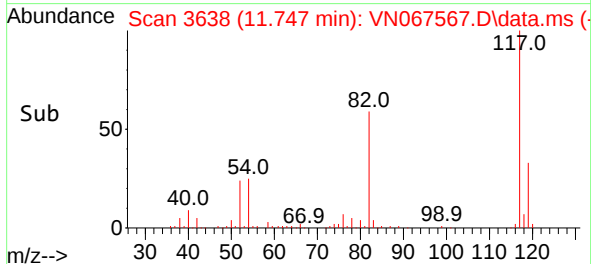
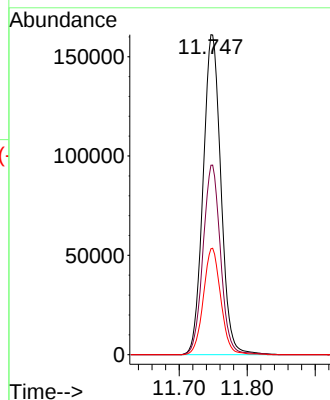
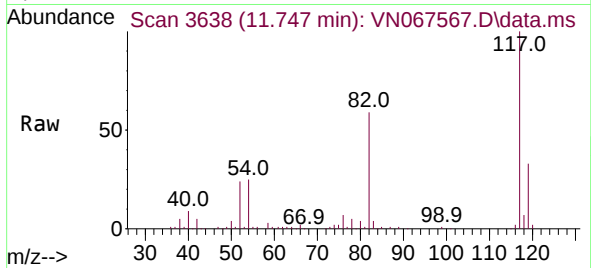




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.001 min
Lab File: VN067567.D
Acq: 29 Jun 2021 20:57

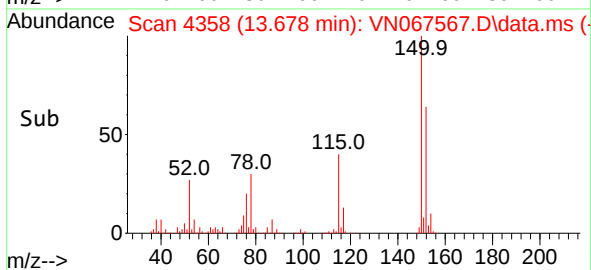
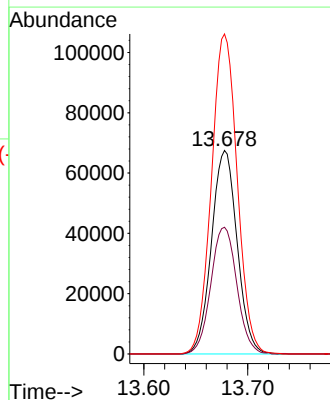
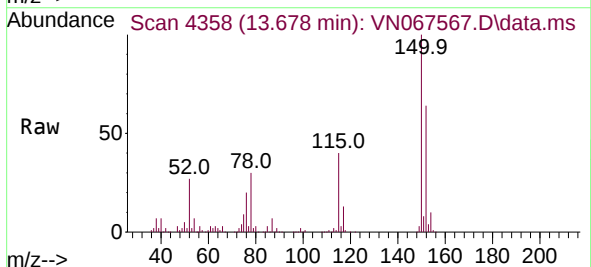
Instrument :
MSVOA_N
ClientSampleId :

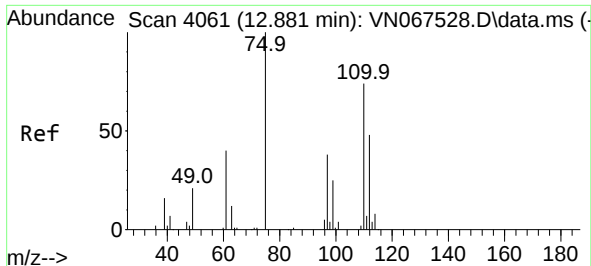
Tgt Ion:117 Resp: 293311
Ion Ratio Lower Upper
117 100
82 59.2 53.1 79.7
119 33.1 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.001 min
Lab File: VN067567.D
Acq: 29 Jun 2021 20:57

Tgt Ion:152 Resp: 115963
Ion Ratio Lower Upper
152 100
115 63.1 36.1 108.5
150 158.0 0.0 351.8

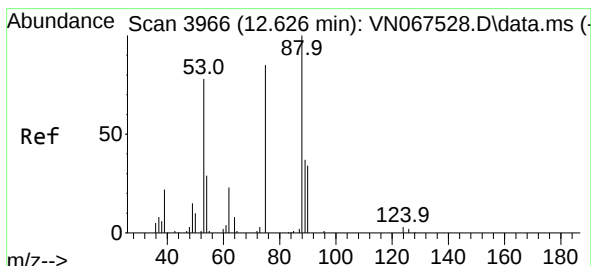
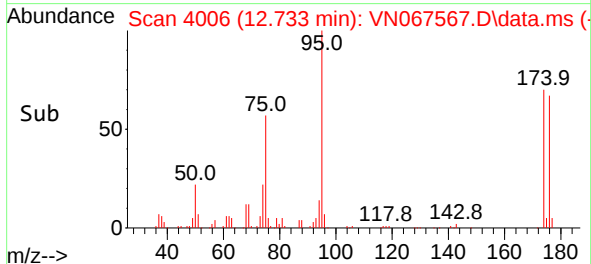
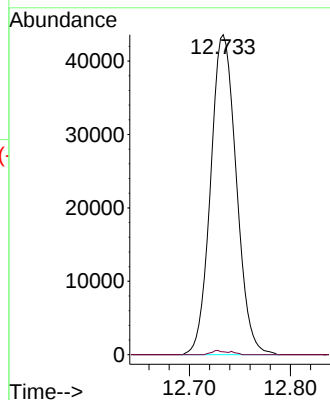
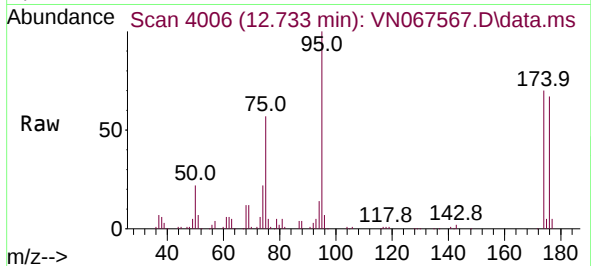




#76
1,2,3-Trichloropropane
Concen: 33.145 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.148 min
Lab File: VN067567.D
Acq: 29 Jun 2021 20:57

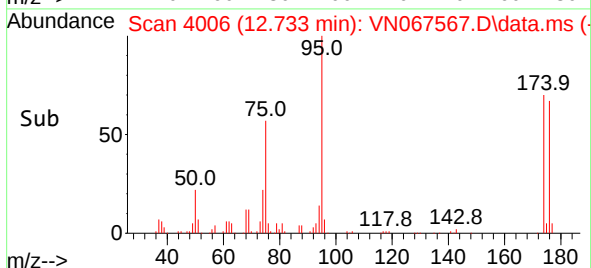
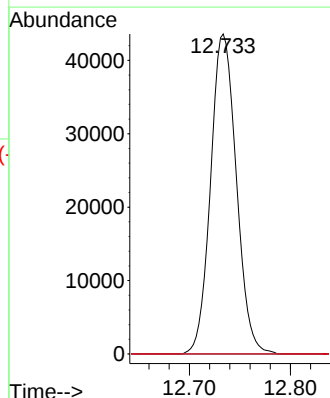
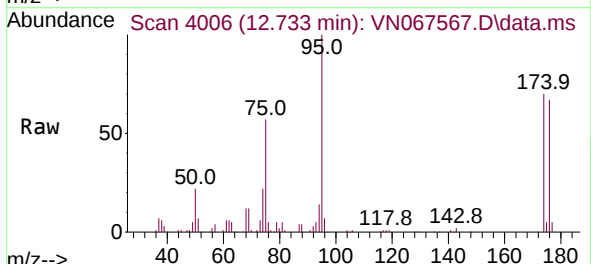
Instrument :
MSVOA_N
ClientSampled :

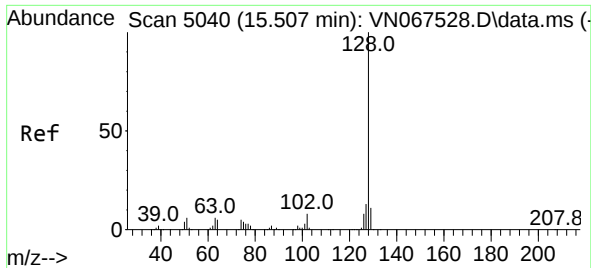
Tgt Ion: 75 Resp: 77040
Ion Ratio Lower Upper
75 100
77 0.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 95.292 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.107 min
Lab File: VN067567.D
Acq: 29 Jun 2021 20:57

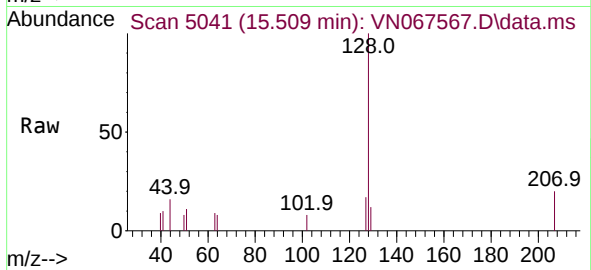
Tgt Ion: 75 Resp: 77040
Ion Ratio Lower Upper
75 100
53 0.0 87.6 131.4#
89 0.0 37.8 56.8#





#95
Naphthalene
Concen: 3.806 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.002 min
Lab File: VN067567.D
Acq: 29 Jun 2021 20:57

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:	128	Resp:	3801
Ion	Ratio	Lower	Upper
128	100		
127	14.2	10.6	15.8
129	9.3	8.6	12.8

