

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101421\
 Data File : VN068935.D
 Acq On : 14 Oct 2021 19:37
 Operator : JC/MD
 Sample : M4192-05
 Misc : 5.66g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 14 22:50:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N101221W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 13 05:44:40 2021
 Response via : Initial Calibration

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

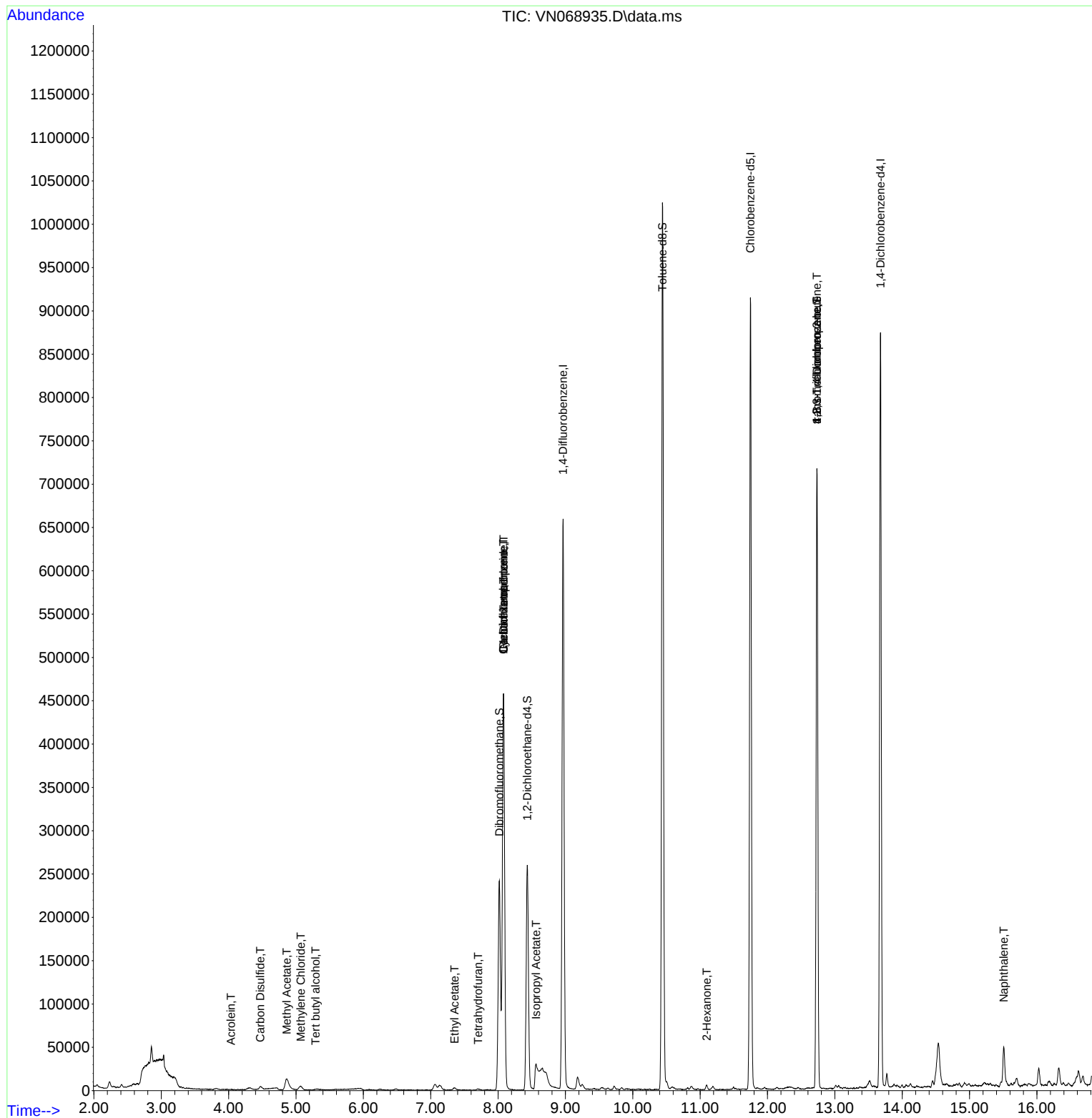
Internal Standards						
1) Pentafluorobenzene	8.080	168	364955	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	600417	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	547021	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	237541	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	216637	45.022	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 90.040%			
35) Dibromofluoromethane	8.019	113	176635	50.564	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 101.120%			
50) Toluene-d8	10.440	98	736700	52.707	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 105.420%			
62) 4-Bromofluorobenzene	12.733	95	256513	48.643	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 97.280%			
Target Compounds						Qvalue
11) Tert butyl alcohol	5.291	59	497	0.565	ug/l #	72
13) Acrolein	4.036	56	185	0.476	ug/l #	38
17) Carbon Disulfide	4.470	76	7358	0.769	ug/l #	92
18) Methyl Acetate	4.865	43	35660	5.236	ug/l #	70
20) Methylene Chloride	5.071	84	4143	1.002	ug/l #	85
29) Tetrahydrofuran	7.705	42	1078	0.612	ug/l #	50
31) Cyclohexane	8.078	56	8202	1.096	ug/l #	7
36) 1,1-Dichloropropene	8.078	75	27732	5.407	ug/l #	50
37) Ethyl Acetate	7.353	43	4343	0.820	ug/l #	68
38) Carbon Tetrachloride	8.083	117	36373	6.458	ug/l #	15
43) Isopropyl Acetate	8.563	43	37046	3.964	ug/l #	55
59) 2-Hexanone	11.100	43	970	0.250	ug/l #	39
76) 1,2,3-Trichloropropane	12.733	75	129353	25.593	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.733	75	129353	61.230	ug/l #	12
95) Naphthalene	15.507	128	43848	7.486	ug/l	98

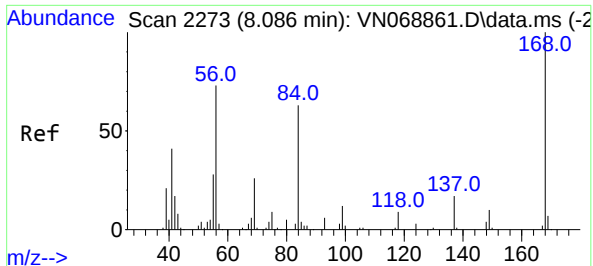
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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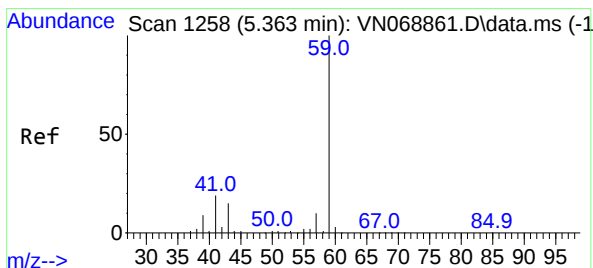
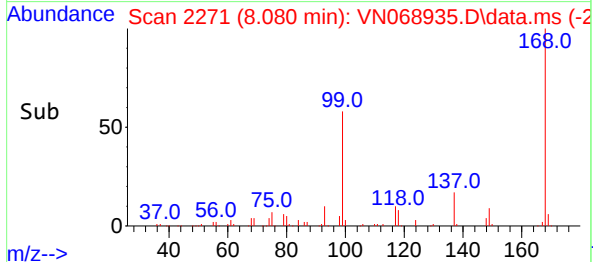
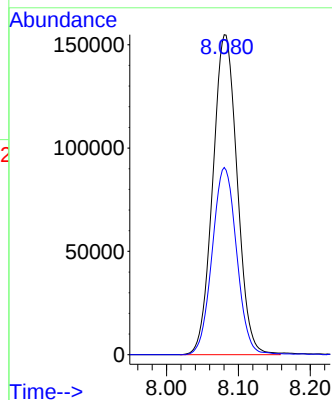
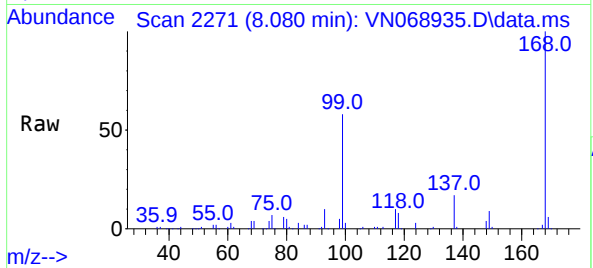




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 2271
Delta R.T. -0.006 min
Lab File: VN068935.D
Acq: 14 Oct 2021 19:37

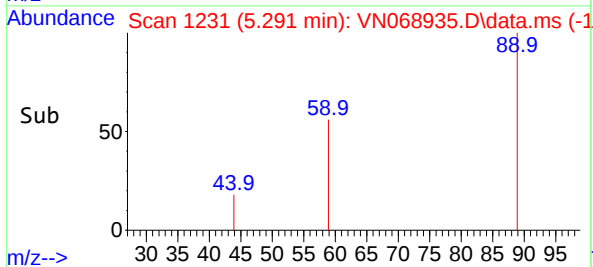
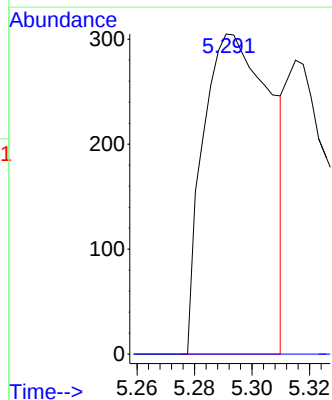
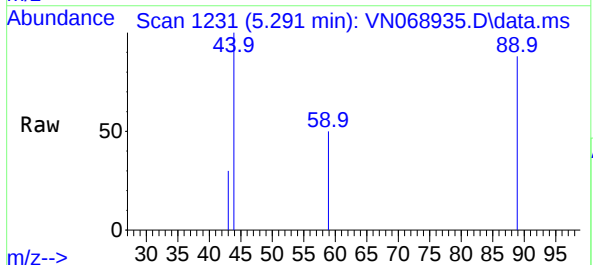
Instrument :
MSVOA_N
ClientSampleId :

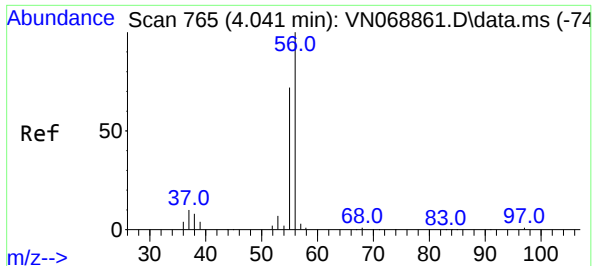
Tgt Ion:168 Resp: 364955
Ion Ratio Lower Upper
168 100
99 58.5 48.9 73.3



#11
Tert butyl alcohol
Concen: 0.565 ug/l
RT: 5.291 min Scan# 1231
Delta R.T. -0.072 min
Lab File: VN068935.D
Acq: 14 Oct 2021 19:37

Tgt Ion: 59 Resp: 497
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

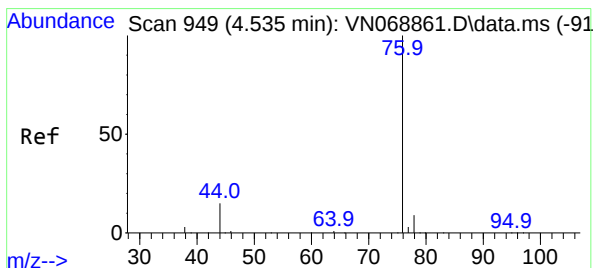
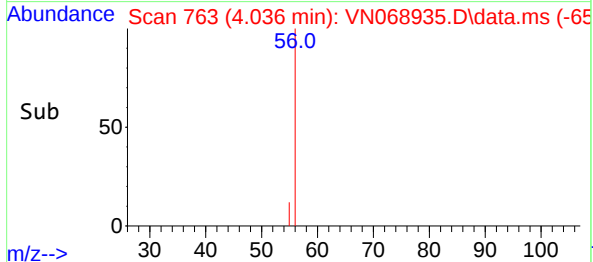
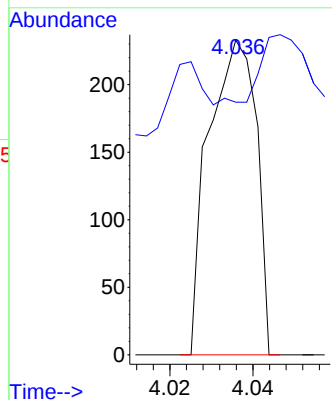
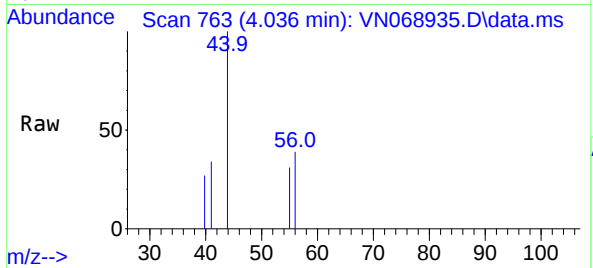




#13
Acrolein
Concen: 0.476 ug/l
RT: 4.036 min Scan# 763
Delta R.T. -0.005 min
Lab File: VN068935.D
Acq: 14 Oct 2021 19:37

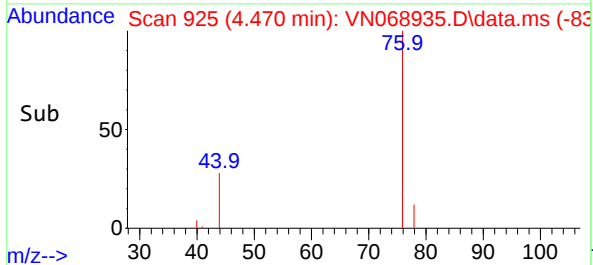
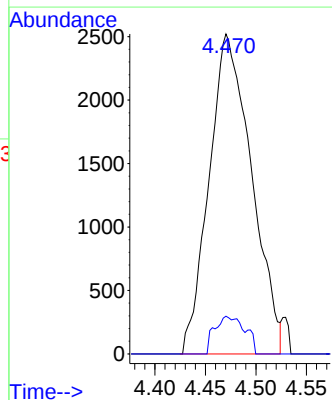
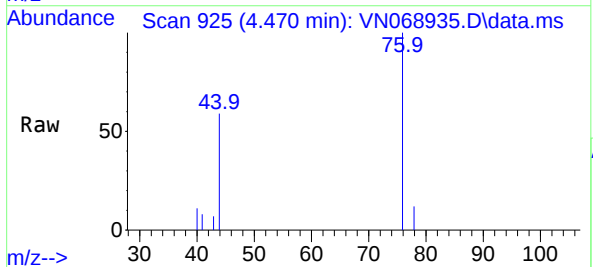
Instrument :
MSVOA_N
ClientSampled :

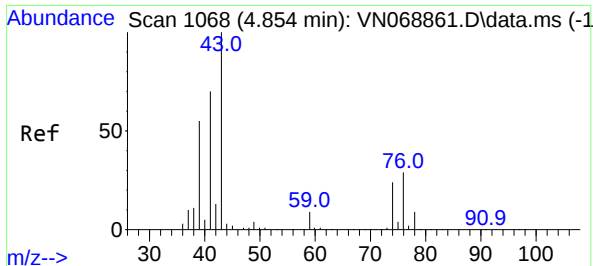
Tgt Ion: 56 Resp: 185
Ion Ratio Lower Upper
56 100
55 21.1 58.1 87.1#



#17
Carbon Disulfide
Concen: 0.769 ug/l
RT: 4.470 min Scan# 925
Delta R.T. -0.064 min
Lab File: VN068935.D
Acq: 14 Oct 2021 19:37

Tgt Ion: 76 Resp: 7358
Ion Ratio Lower Upper
76 100
78 11.8 7.2 10.8#





#18

Methyl Acetate

Concen: 5.236 ug/l

RT: 4.865 min Scan# 1072

Delta R.T. 0.011 min

Lab File: VN068935.D

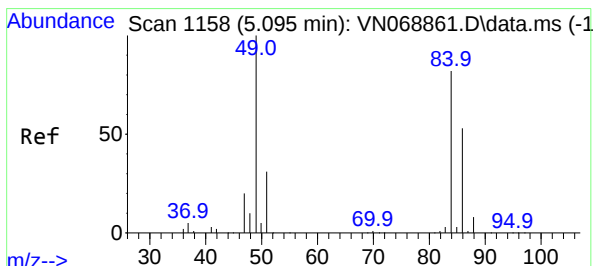
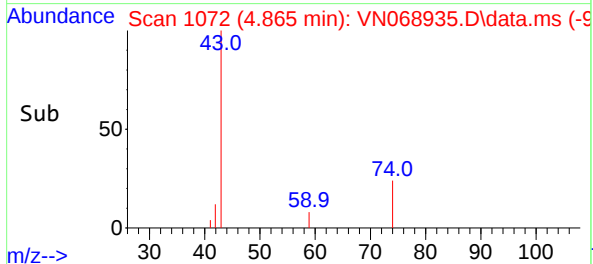
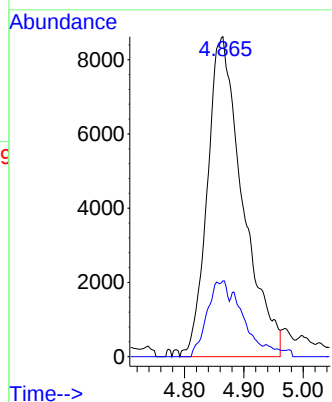
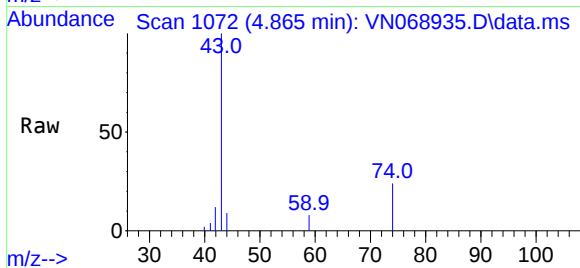
Acq: 14 Oct 2021 19:37

Tgt Ion: 43 Resp: 35660

Ion Ratio Lower Upper

43 100

74 8.9 18.9 28.3#



#20

Methylene Chloride

Concen: 1.002 ug/l

RT: 5.071 min Scan# 1149

Delta R.T. -0.024 min

Lab File: VN068935.D

Acq: 14 Oct 2021 19:37

Tgt Ion: 84 Resp: 4143

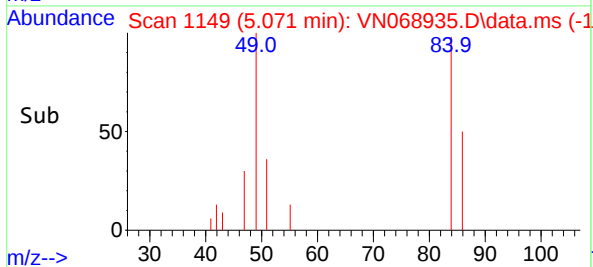
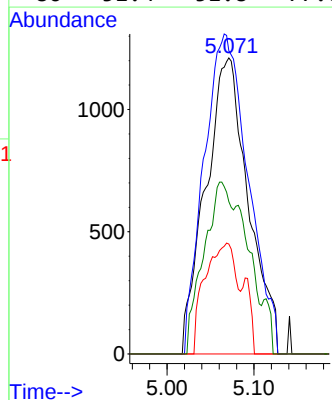
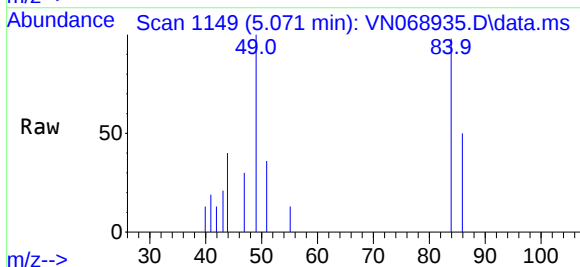
Ion Ratio Lower Upper

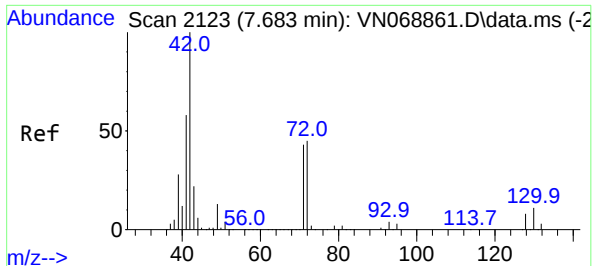
84 100

49 102.4 97.6 146.4

51 37.2 30.3 45.5

86 51.4 51.8 77.6#

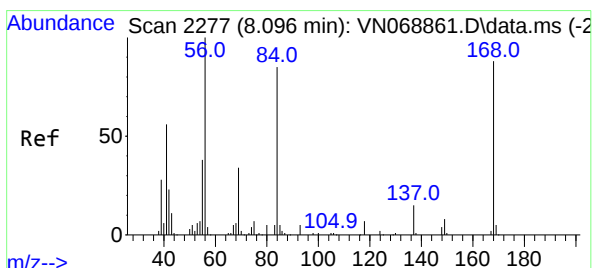
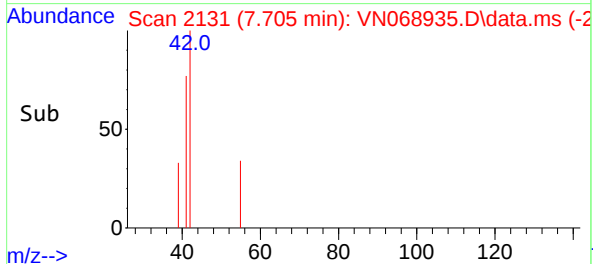
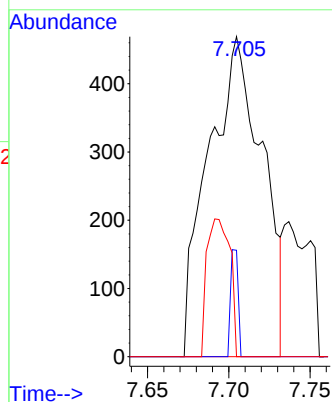
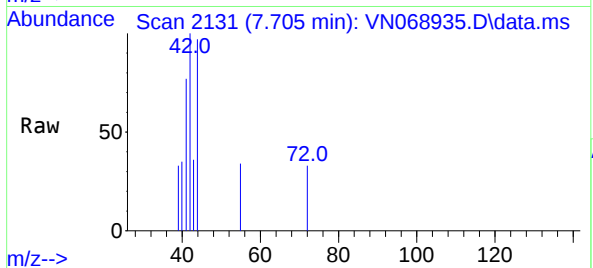




#29
Tetrahydrofuran
Concen: 0.612 ug/l
RT: 7.705 min Scan# 2131
Delta R.T. 0.021 min
Lab File: VN068935.D
Acq: 14 Oct 2021 19:37

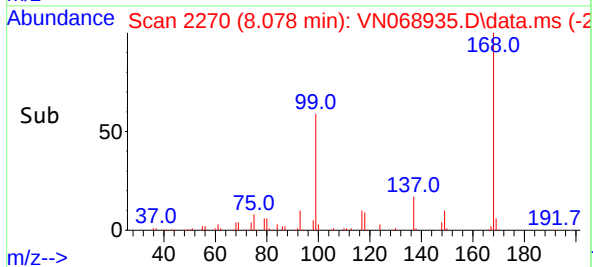
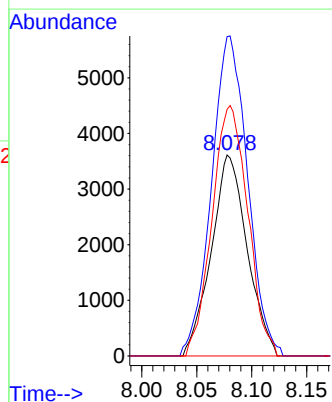
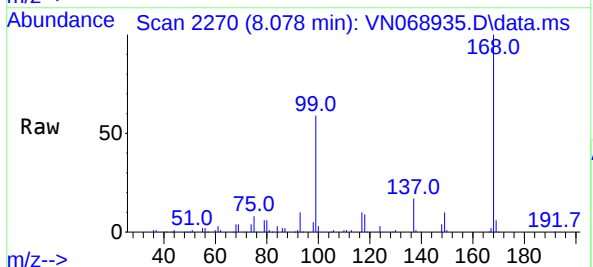
Instrument :
MSVOA_N
ClientSampled :

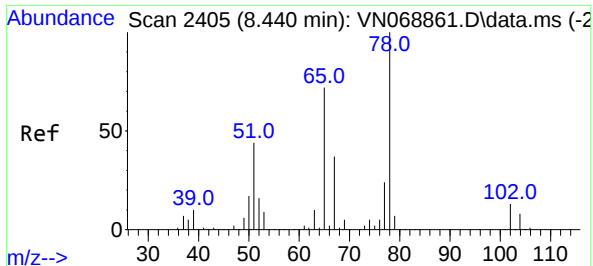
Tgt Ion:	42	Resp:	1078
Ion	Ratio	Lower	Upper
42	100		
72	4.6	35.4	53.2#
71	18.5	33.8	50.6#



#31
Cyclohexane
Concen: 1.096 ug/l
RT: 8.078 min Scan# 2270
Delta R.T. -0.018 min
Lab File: VN068935.D
Acq: 14 Oct 2021 19:37

Tgt Ion:	56	Resp:	8202
Ion	Ratio	Lower	Upper
56	100		
69	159.0	26.9	40.3#
84	122.8	67.6	101.4#



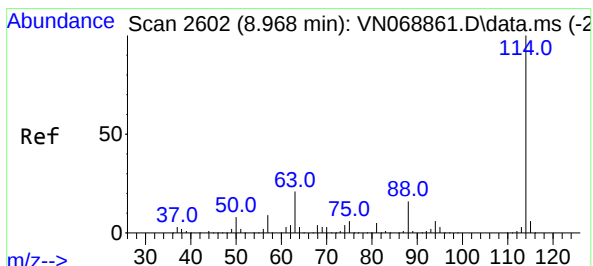
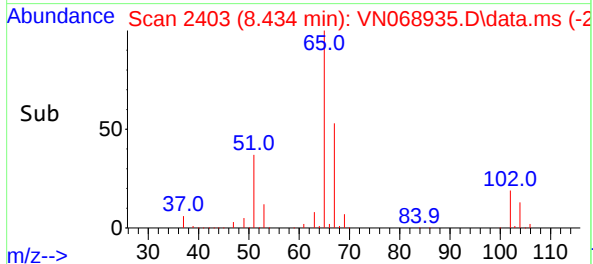
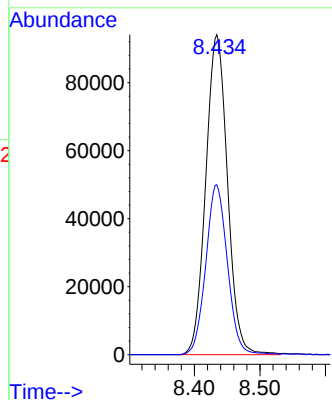
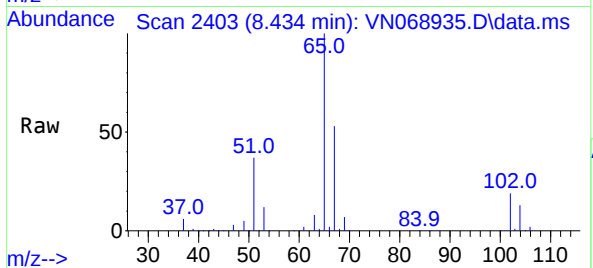


#33

1,2-Dichloroethane-d4
Concen: 45.022 ug/l
RT: 8.434 min Scan# 2403
Delta R.T. -0.005 min
Lab File: VN068935.D
Acq: 14 Oct 2021 19:37

Instrument :
MSVOA_N
ClientSampleId :

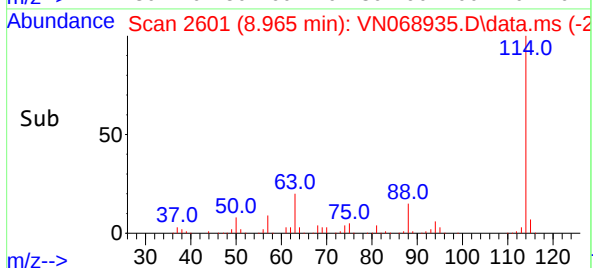
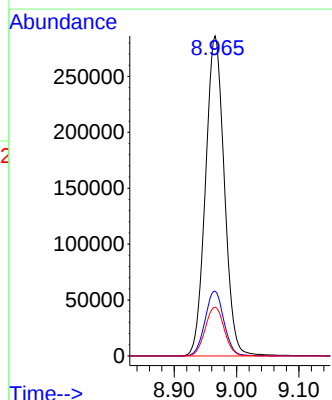
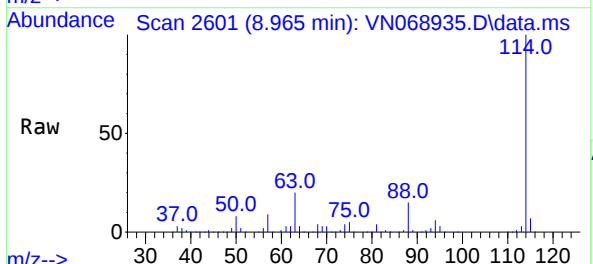
Tgt Ion: 65 Resp: 216637
Ion Ratio Lower Upper
65 100
67 52.9 0.0 103.8

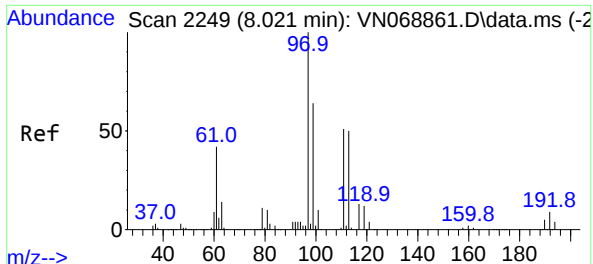


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.965 min Scan# 2601
Delta R.T. -0.003 min
Lab File: VN068935.D
Acq: 14 Oct 2021 19:37

Tgt Ion: 114 Resp: 600417
Ion Ratio Lower Upper
114 100
63 20.2 0.0 42.6
88 15.2 0.0 32.0

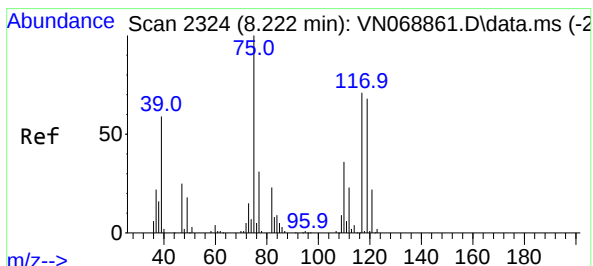
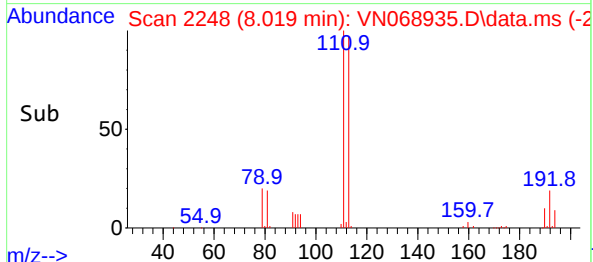
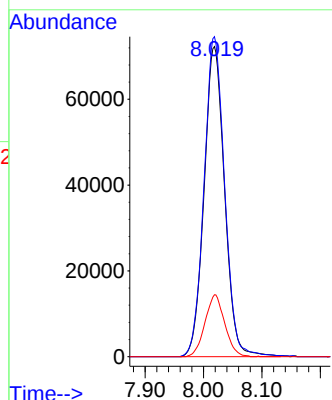
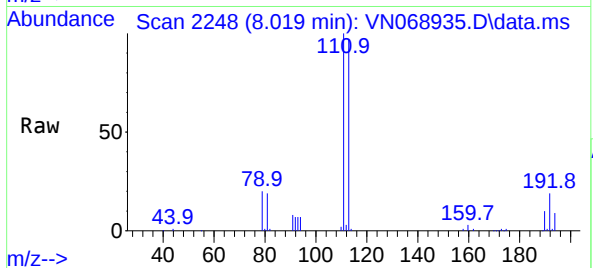




#35
Dibromofluoromethane
Concen: 50.564 ug/l
RT: 8.019 min Scan# 2248
Delta R.T. -0.003 min
Lab File: VN068935.D
Acq: 14 Oct 2021 19:37

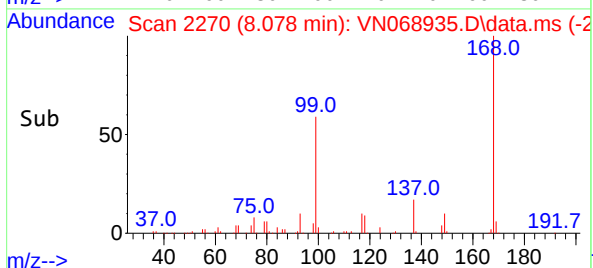
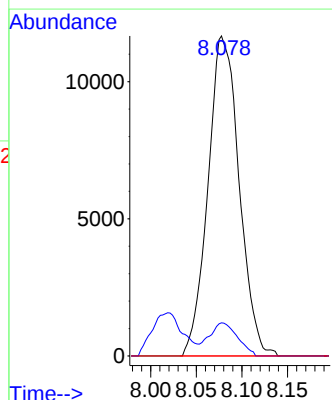
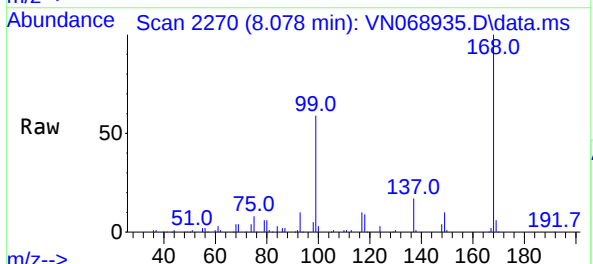
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ClientSampleId :

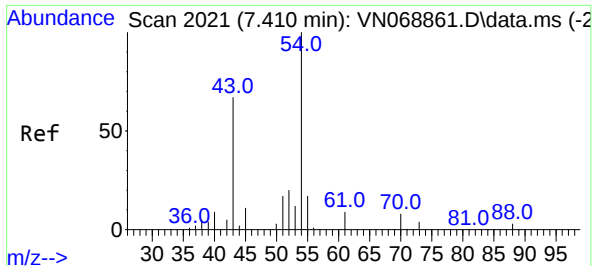
Tgt Ion:113 Resp: 176635
Ion Ratio Lower Upper
113 100
111 103.6 83.2 124.8
192 19.2 15.0 22.4



#36
1,1-Dichloropropene
Concen: 5.407 ug/l
RT: 8.078 min Scan# 2270
Delta R.T. -0.145 min
Lab File: VN068935.D
Acq: 14 Oct 2021 19:37

Tgt Ion: 75 Resp: 27732
Ion Ratio Lower Upper
75 100
110 9.4 17.9 53.8#
77 0.0 24.7 37.1#

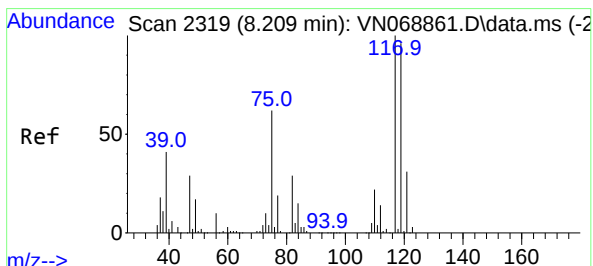
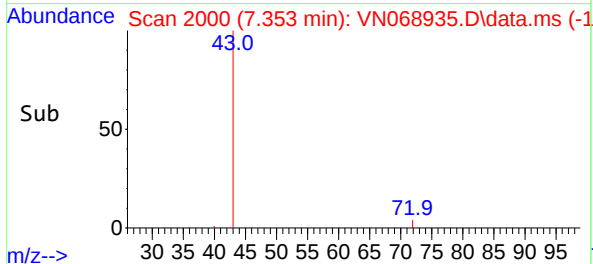
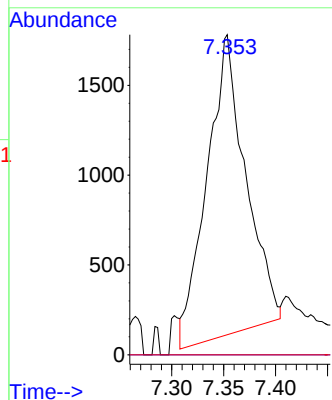
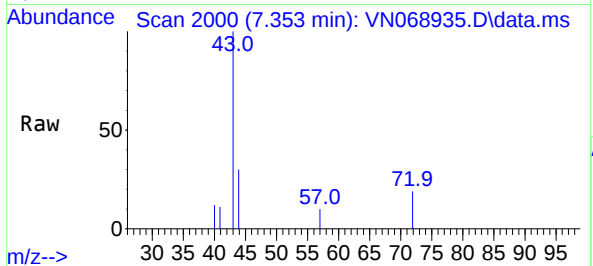




#37
Ethyl Acetate
Concen: 0.820 ug/l
RT: 7.353 min Scan# 2000
Delta R.T. -0.056 min
Lab File: VN068935.D
Acq: 14 Oct 2021 19:37

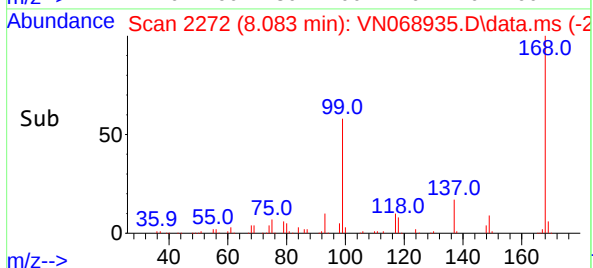
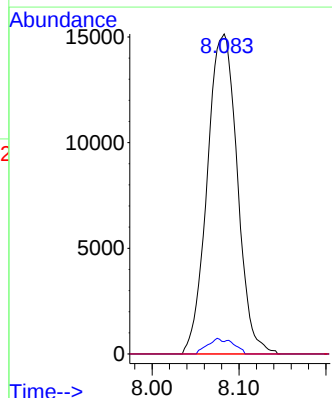
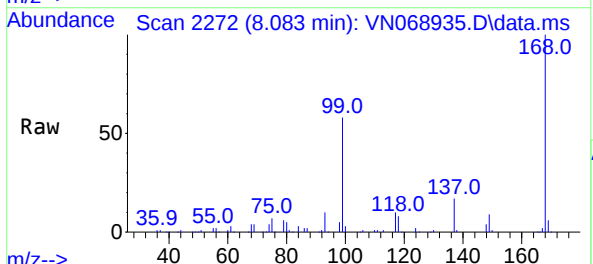
Instrument :
MSVOA_N
ClientSampleId :

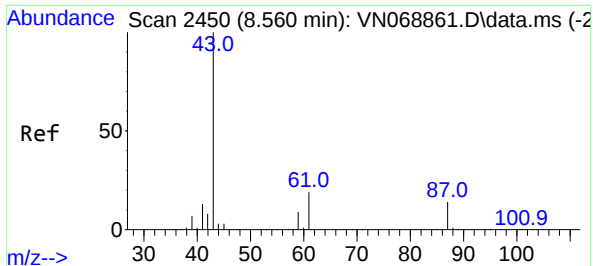
Tgt Ion:	43	Resp:	4343
Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.2	16.8#
70	0.0	8.4	12.6#



#38
Carbon Tetrachloride
Concen: 6.458 ug/l
RT: 8.083 min Scan# 2272
Delta R.T. -0.126 min
Lab File: VN068935.D
Acq: 14 Oct 2021 19:37

Tgt Ion:	117	Resp:	36373
Ion	Ratio	Lower	Upper
117	100		
119	3.9	76.9	115.3#
121	0.0	24.6	37.0#

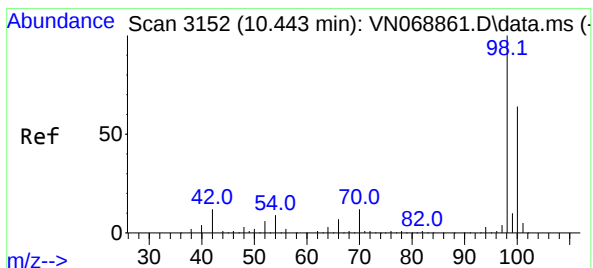
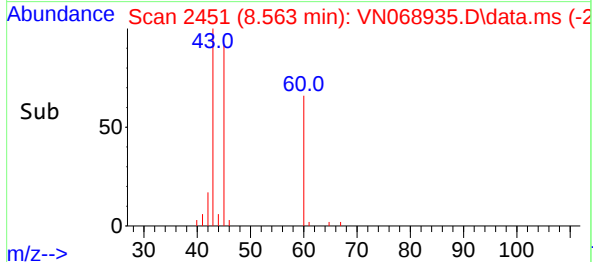
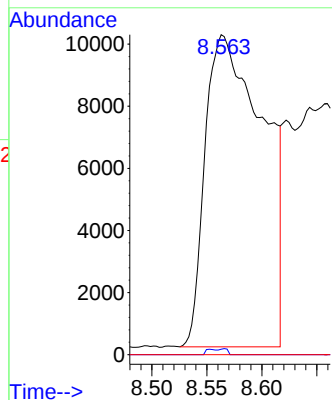
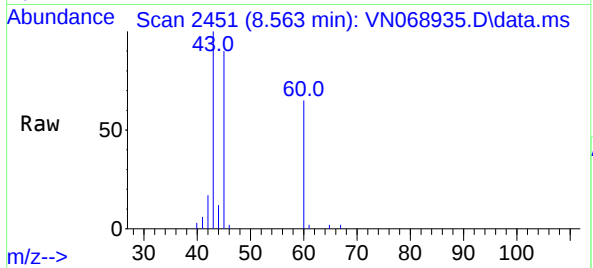




#43
Isopropyl Acetate
Concen: 3.964 ug/l
RT: 8.563 min Scan# 2451
Delta R.T. 0.003 min
Lab File: VN068935.D
Acq: 14 Oct 2021 19:37

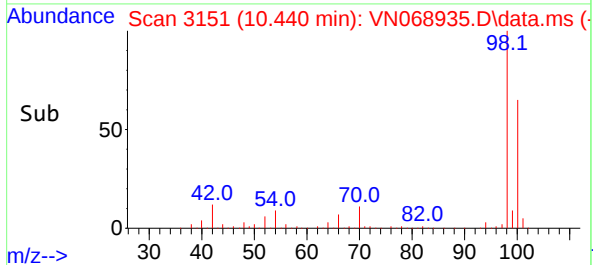
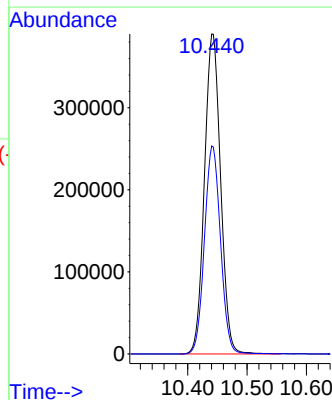
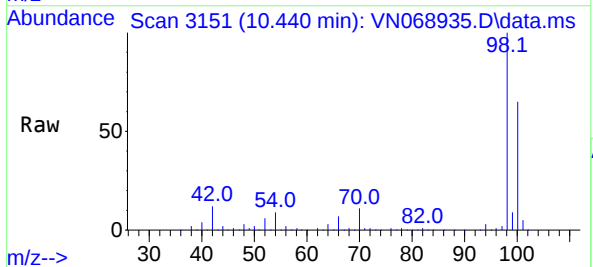
Instrument :
MSVOA_N
ClientSampled :

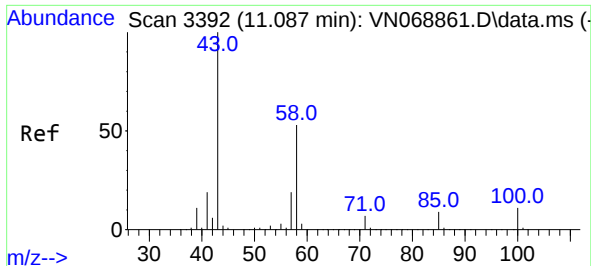
Tgt Ion: 43 Resp: 37046
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 10.7 16.1#



#50
Toluene-d8
Concen: 52.707 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. -0.003 min
Lab File: VN068935.D
Acq: 14 Oct 2021 19:37

Tgt Ion: 98 Resp: 736700
Ion Ratio Lower Upper
98 100
100 64.6 51.5 77.3

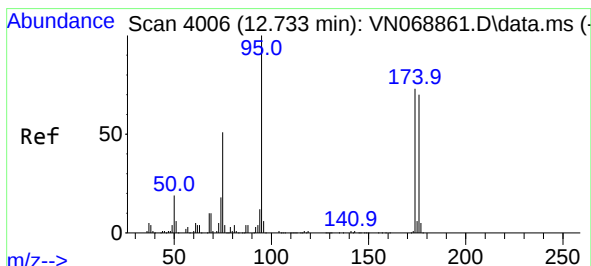
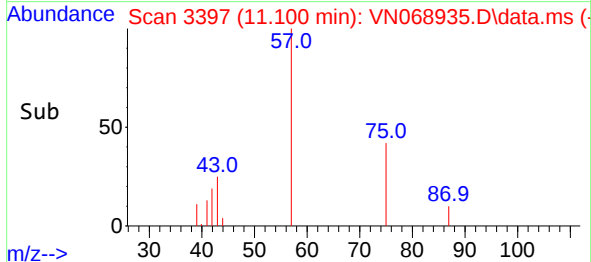
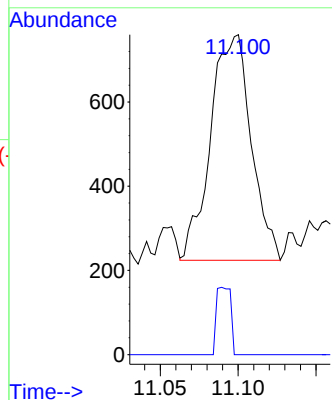
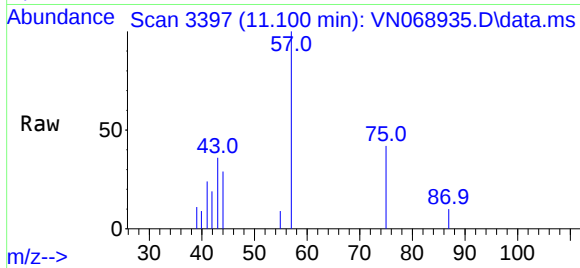




#59
2-Hexanone
Concen: 0.250 ug/l
RT: 11.100 min Scan# 3397
Delta R.T. 0.013 min
Lab File: VN068935.D
Acq: 14 Oct 2021 19:37

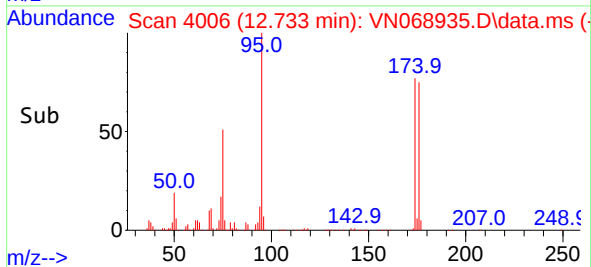
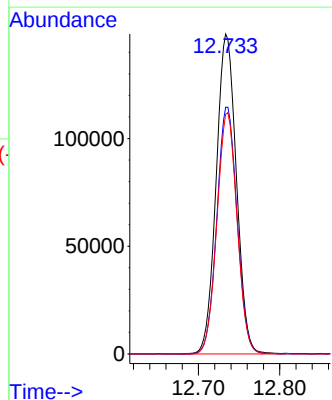
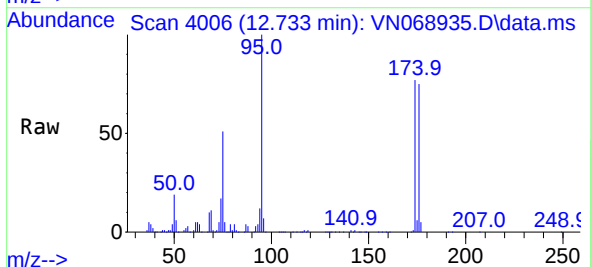
Instrument :
MSVOA_N
ClientSampled :

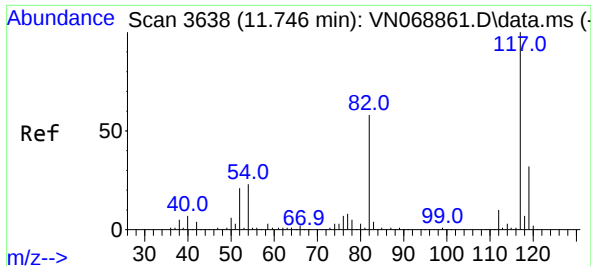
Tgt Ion: 43 Resp: 970
Ion Ratio Lower Upper
43 100
58 10.4 26.9 80.7#



#62
4-Bromofluorobenzene
Concen: 48.643 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN068935.D
Acq: 14 Oct 2021 19:37

Tgt Ion: 95 Resp: 256513
Ion Ratio Lower Upper
95 100
174 77.4 0.0 144.8
176 74.9 0.0 140.0

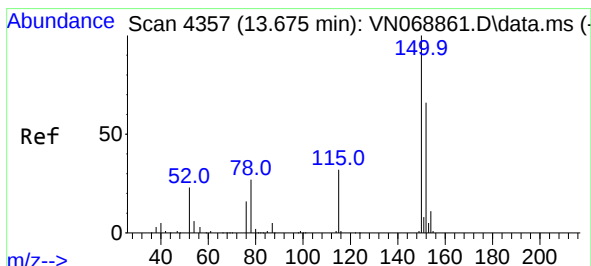
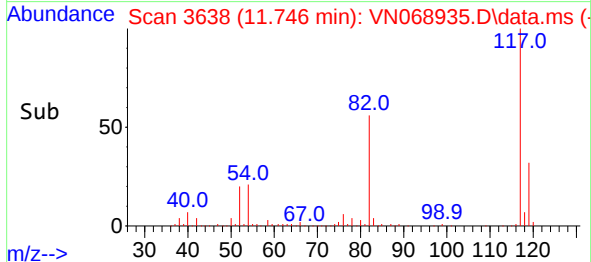
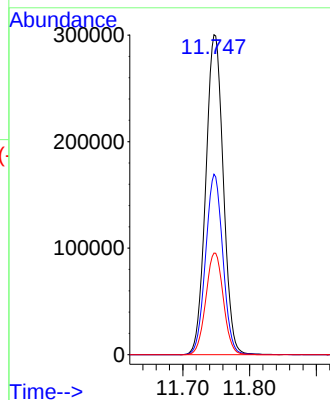
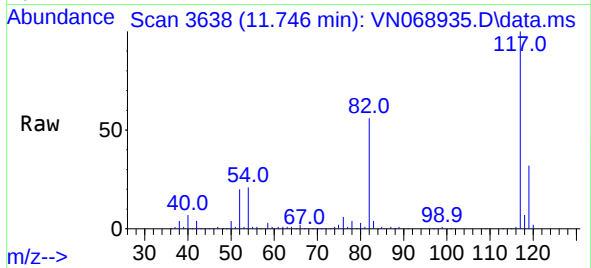




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN068935.D
Acq: 14 Oct 2021 19:37

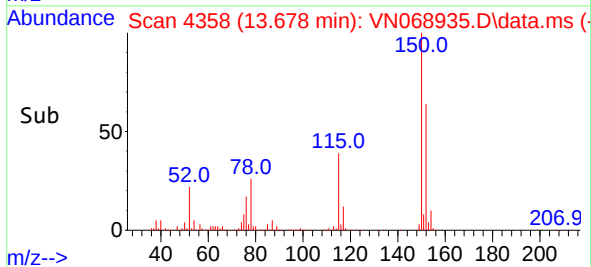
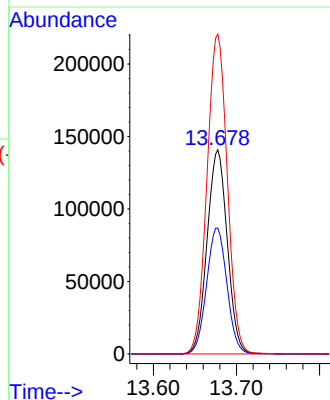
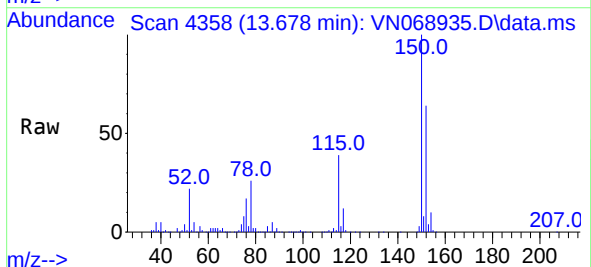
Instrument :
MSVOA_N
ClientSampled :

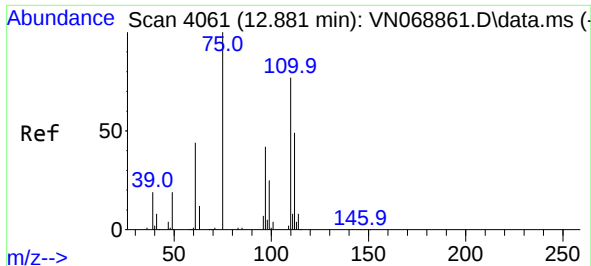
Tgt Ion:117 Resp: 547021
Ion Ratio Lower Upper
117 100
82 56.4 46.4 69.6
119 31.7 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN068935.D
Acq: 14 Oct 2021 19:37

Tgt Ion:152 Resp: 237541
Ion Ratio Lower Upper
152 100
115 62.3 31.4 94.3
150 157.4 0.0 351.0

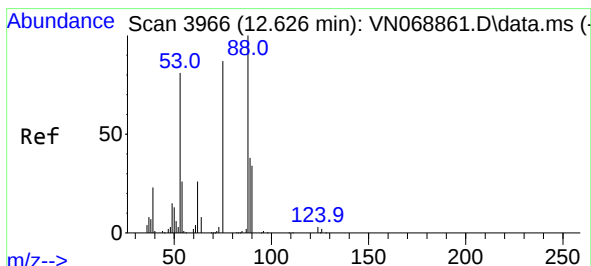
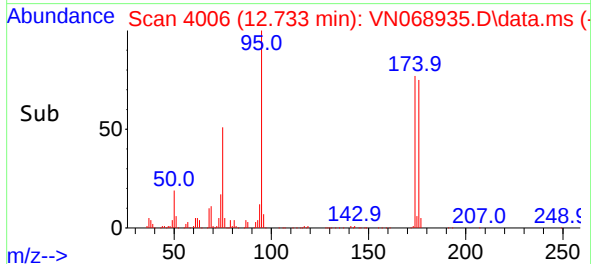
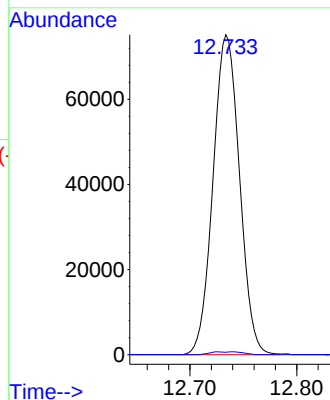
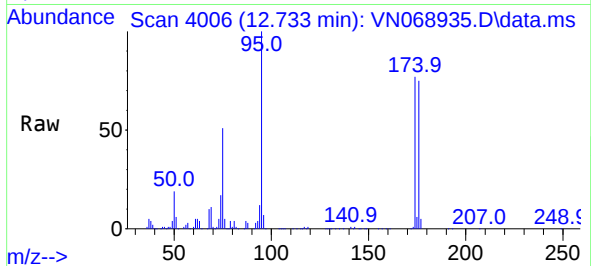




#76
1,2,3-Trichloropropane
Concen: 25.593 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.148 min
Lab File: VN068935.D
Acq: 14 Oct 2021 19:37

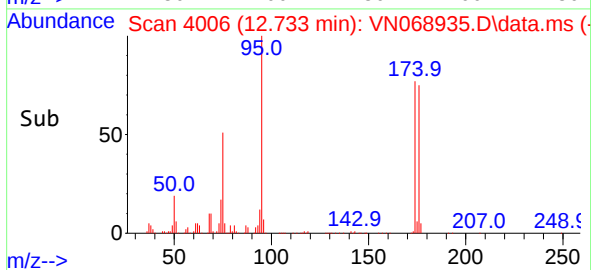
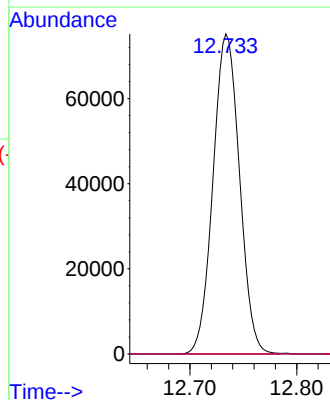
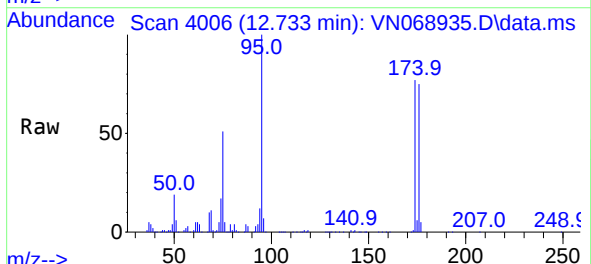
Instrument :
MSVOA_N
ClientSampleId :

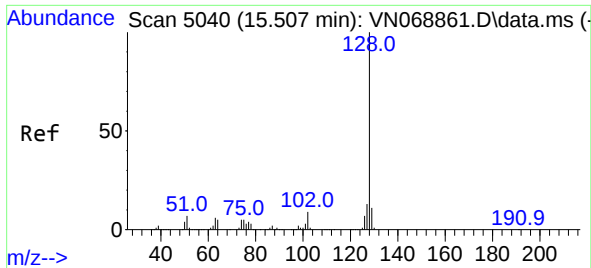
Tgt Ion: 75 Resp: 129353
Ion Ratio Lower Upper
75 100
77 0.5 96.2 288.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 61.230 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.107 min
Lab File: VN068935.D
Acq: 14 Oct 2021 19:37

Tgt Ion: 75 Resp: 129353
Ion Ratio Lower Upper
75 100
53 0.0 75.4 113.2#
89 0.0 36.9 55.3#





#95
Naphthalene
Concen: 7.486 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN068935.D
Acq: 14 Oct 2021 19:37

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 43848
Ion Ratio Lower Upper
128 100
127 13.2 10.5 15.7
129 12.5 8.9 13.3

