

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101421\
 Data File : VN068937.D
 Acq On : 14 Oct 2021 20:27
 Operator : JC/MD
 Sample : M4192-09
 Misc : 5.07g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 14 22:51:50 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)

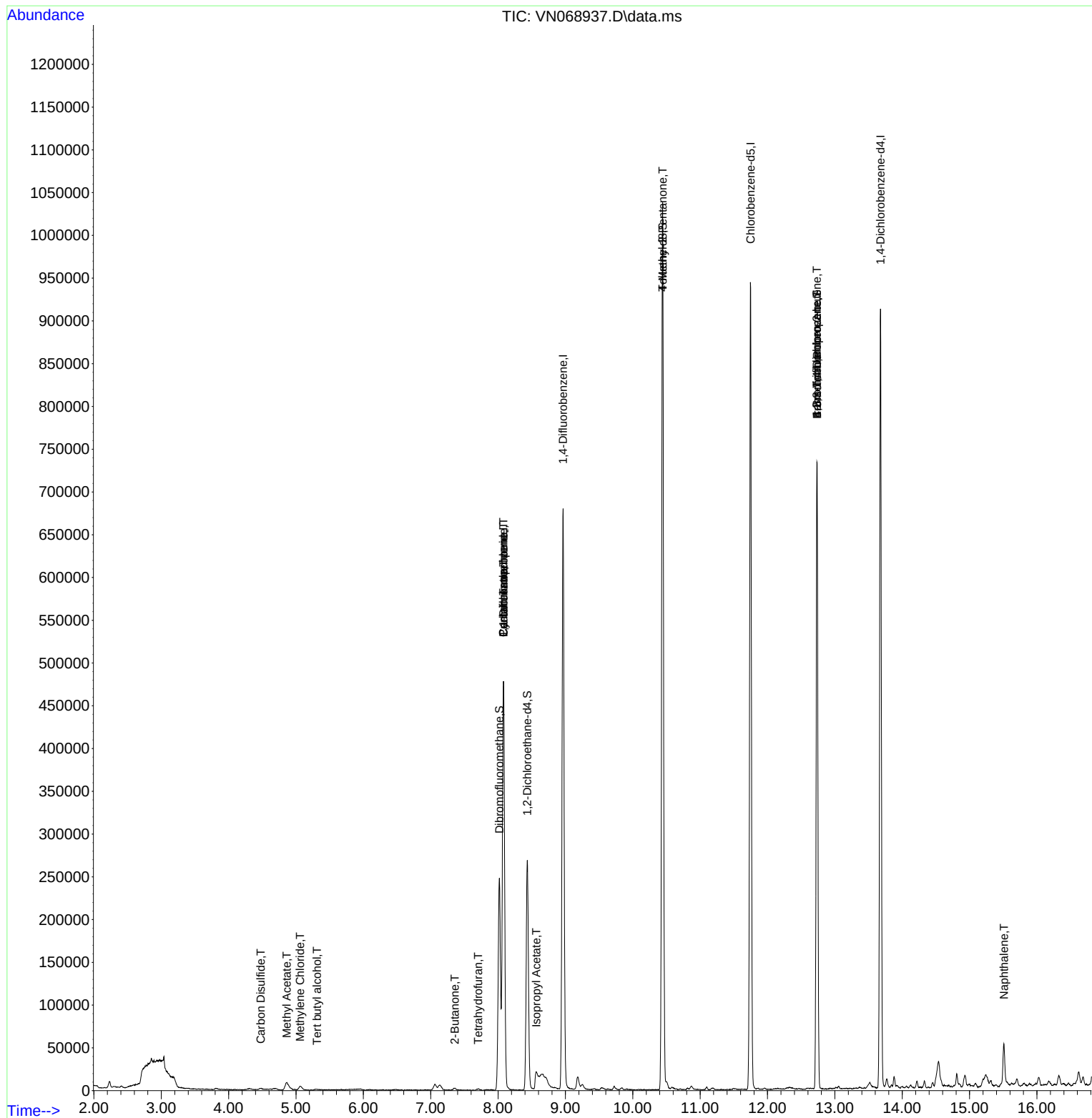
Internal Standards						
1) Pentafluorobenzene	8.080	168	380136	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	621351	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	561724	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	246337	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	223939	44.681	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	89.360%		
35) Dibromofluoromethane	8.019	113	183657	50.803	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	101.600%		
50) Toluene-d8	10.443	98	755032	52.199	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	104.400%		
62) 4-Bromofluorobenzene	12.733	95	265668	48.681	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	97.360%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	5.312	59	344	0.376	ug/l #	72
17) Carbon Disulfide	4.476	76	3163	0.317	ug/l #	75
18) Methyl Acetate	4.865	43	24372	3.435	ug/l #	89
20) Methylene Chloride	5.060	84	4124	0.958	ug/l #	78
25) 2-Butanone	7.356	43	5045	1.784	ug/l	95
29) Tetrahydrofuran	7.705	42	1204	0.656	ug/l #	37
31) Cyclohexane	8.080	56	7922	1.017	ug/l #	1
36) 1,1-Dichloropropene	8.080	75	29317	5.524	ug/l #	49
38) Carbon Tetrachloride	8.080	117	38267	6.565	ug/l #	15
43) Isopropyl Acetate	8.568	43	19470	2.013	ug/l #	55
51) 4-Methyl-2-Pentanone	10.443	43	3267	0.583	ug/l #	1
71) Bromoform	12.736	173	671	0.201	ug/l #	1
76) 1,2,3-Trichloropropane	12.733	75	134216	25.607	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.733	75	134216	61.264	ug/l #	12
95) Naphthalene	15.509	128	47519	7.651	ug/l	99

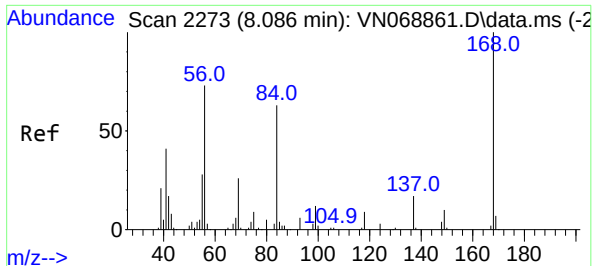
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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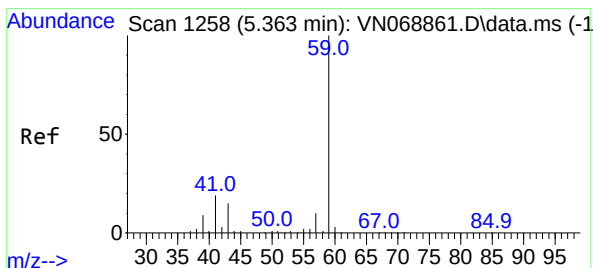
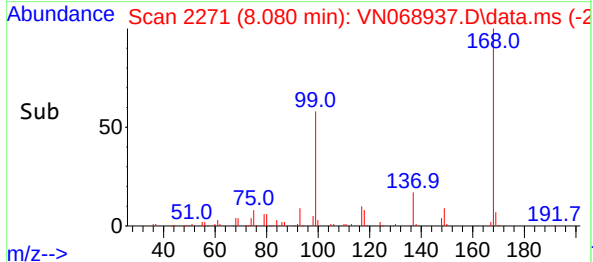
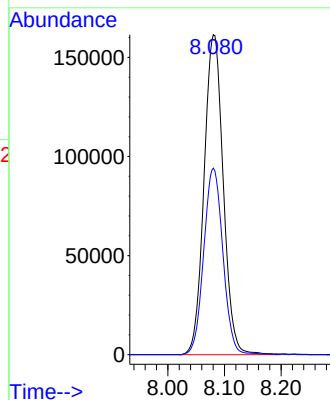
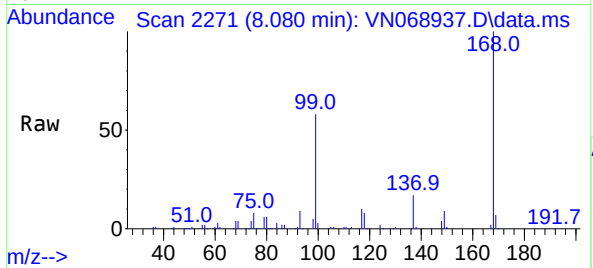




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 2271
Delta R.T. -0.006 min
Lab File: VN068937.D
Acq: 14 Oct 2021 20:27

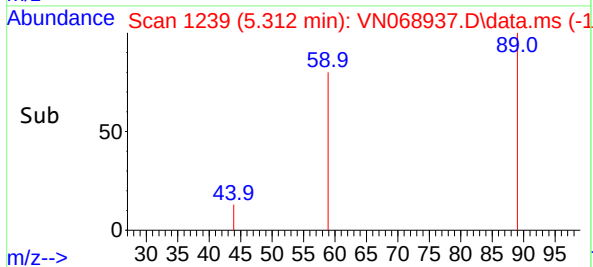
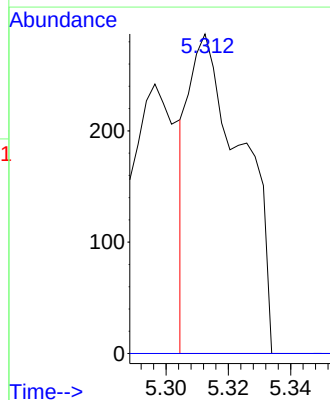
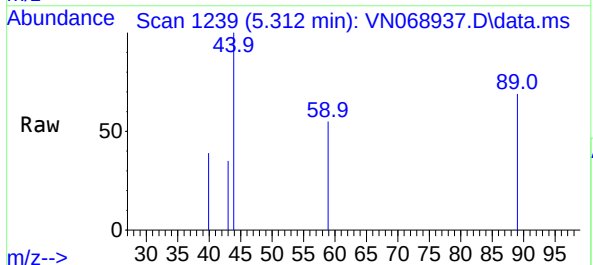
Instrument :
MSVOA_N
ClientSampled :

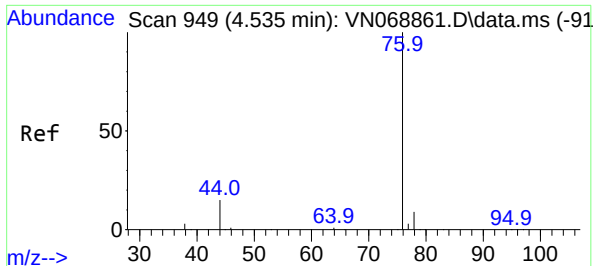
Tgt Ion:168 Resp: 380136
Ion Ratio Lower Upper
168 100
99 58.3 48.9 73.3



#11
Tert butyl alcohol
Concen: 0.376 ug/l
RT: 5.312 min Scan# 1239
Delta R.T. -0.051 min
Lab File: VN068937.D
Acq: 14 Oct 2021 20:27

Tgt Ion: 59 Resp: 344
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

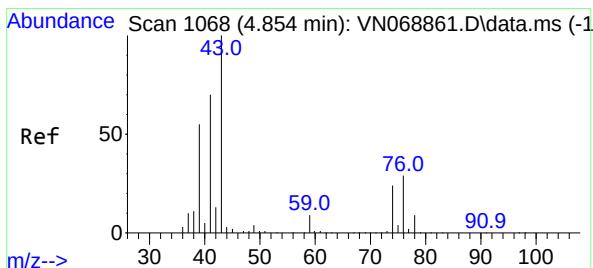
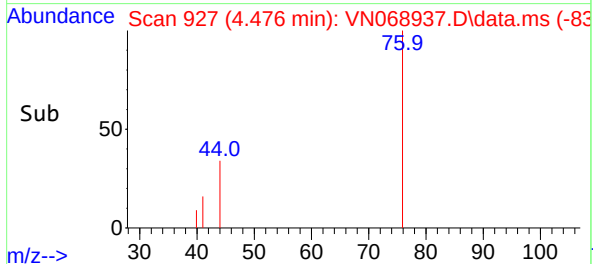
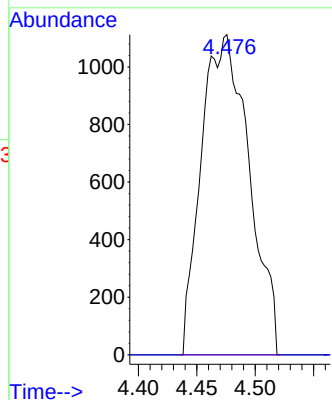
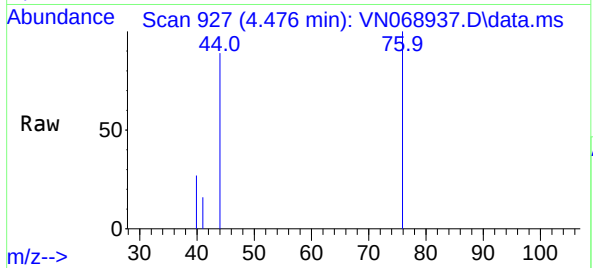




#17
Carbon Disulfide
Concen: 0.317 ug/l
RT: 4.476 min Scan# 927
Delta R.T. -0.059 min
Lab File: VN068937.D
Acq: 14 Oct 2021 20:27

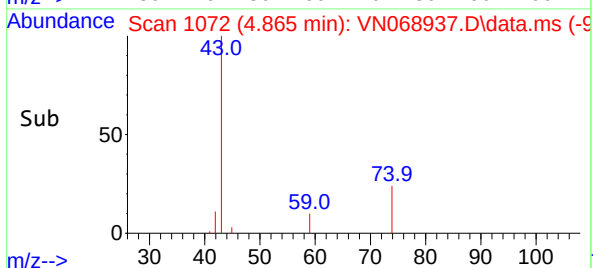
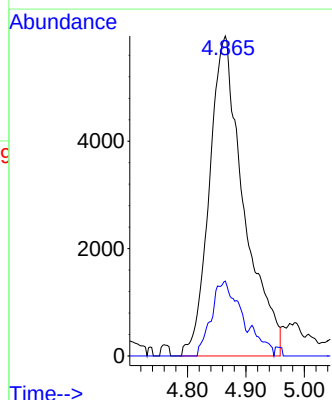
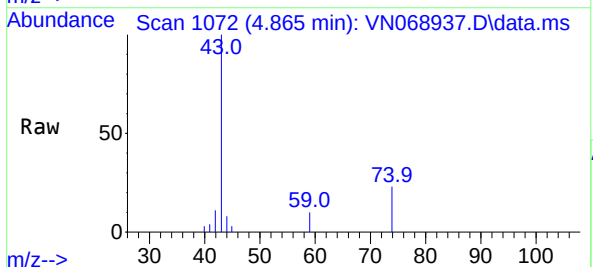
Instrument :
MSVOA_N
ClientSampled :

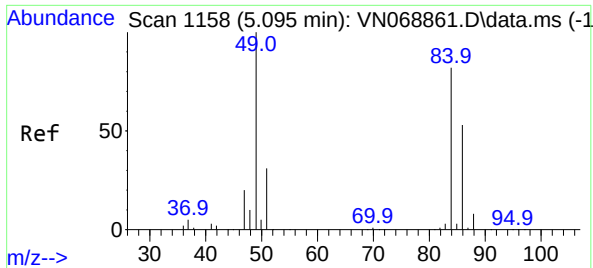
Tgt Ion: 76 Resp: 3163
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#18
Methyl Acetate
Concen: 3.435 ug/l
RT: 4.865 min Scan# 1072
Delta R.T. 0.011 min
Lab File: VN068937.D
Acq: 14 Oct 2021 20:27

Tgt Ion: 43 Resp: 24372
Ion Ratio Lower Upper
43 100
74 18.3 18.9 28.3#



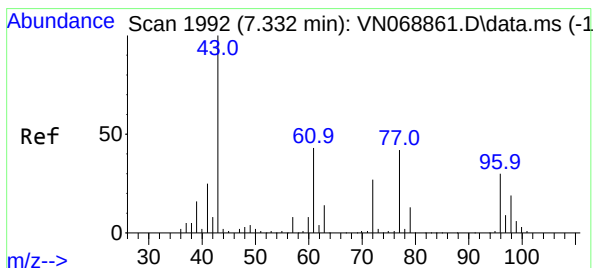
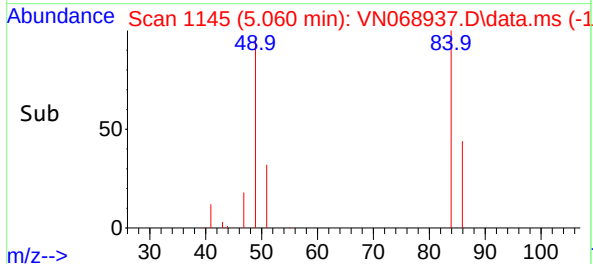
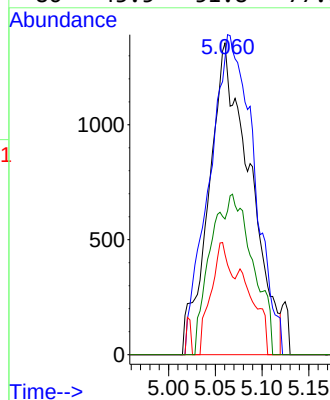
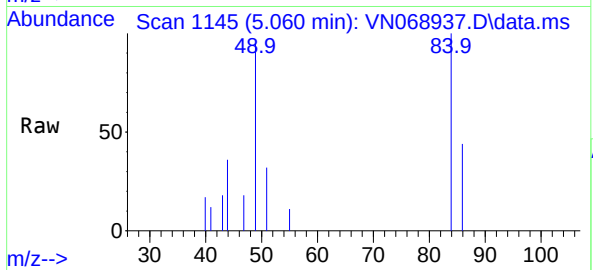


#20
Methylene Chloride
Concen: 0.958 ug/l
RT: 5.060 min Scan# 1145
Delta R.T. -0.035 min
Lab File: VN068937.D
Acq: 14 Oct 2021 20:27

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 84 Resp: 4124

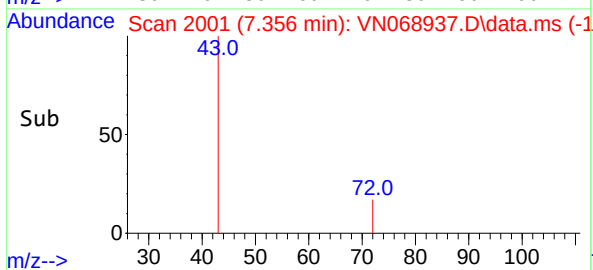
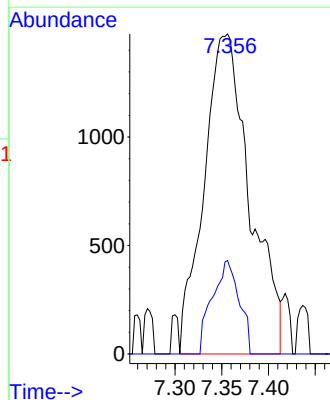
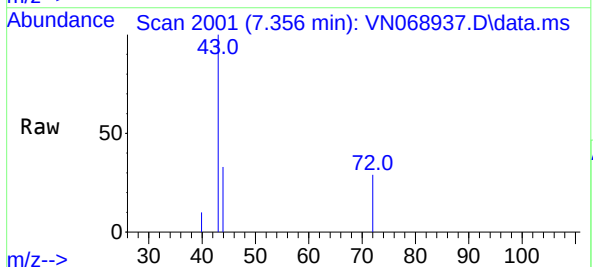
Ion	Ratio	Lower	Upper
84	100		
49	95.1	97.6	146.4#
51	32.2	30.3	45.5
86	43.5	51.8	77.6#

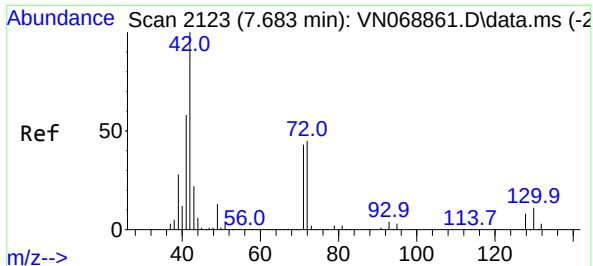


#25
2-Butanone
Concen: 1.784 ug/l
RT: 7.356 min Scan# 2001
Delta R.T. 0.024 min
Lab File: VN068937.D
Acq: 14 Oct 2021 20:27

Tgt Ion: 43 Resp: 5045

Ion	Ratio	Lower	Upper
43	100		
72	29.2	21.2	31.8

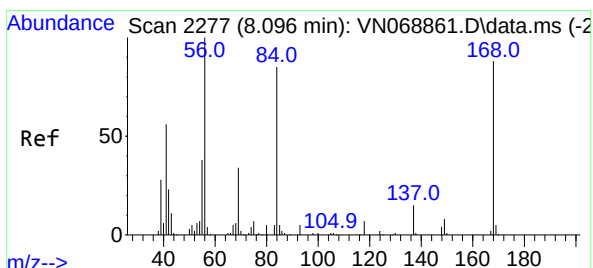
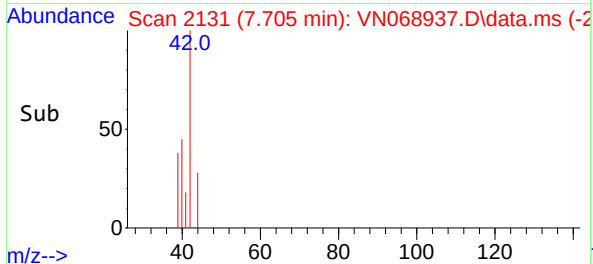
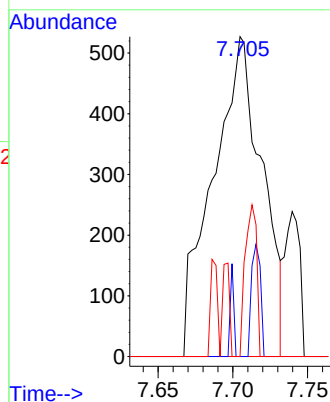
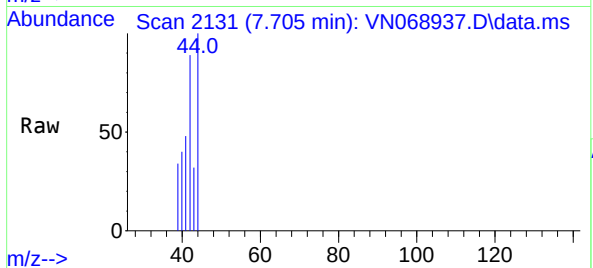




#29
Tetrahydrofuran
Concen: 0.656 ug/l
RT: 7.705 min Scan# 2131
Delta R.T. 0.021 min
Lab File: VN068937.D
Acq: 14 Oct 2021 20:27

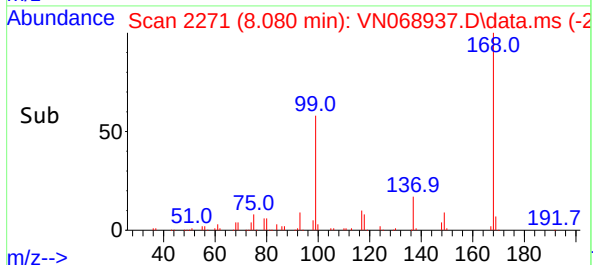
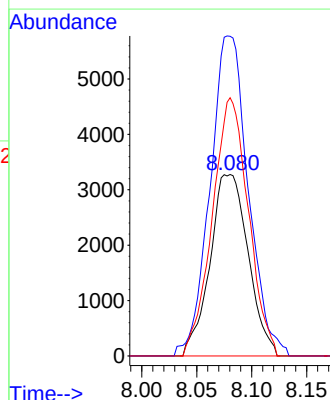
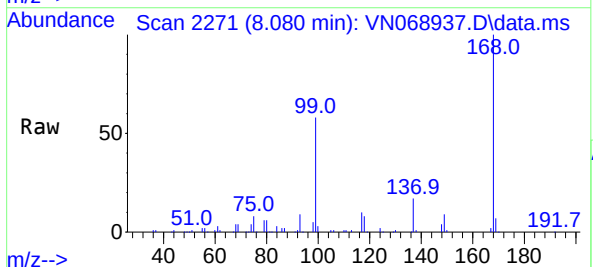
Instrument :
MSVOA_N
ClientSampled :

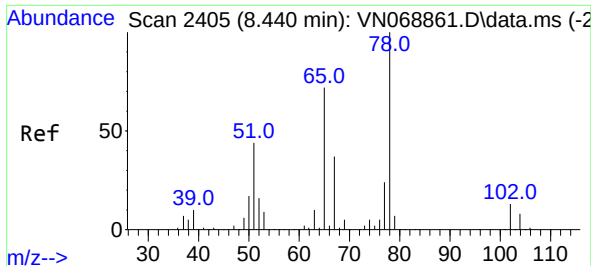
Tgt Ion:	42	Resp:	1204
Ion	Ratio	Lower	Upper
42	100		
72	2.1	35.4	53.2#
71	4.1	33.8	50.6#



#31
Cyclohexane
Concen: 1.017 ug/l
RT: 8.080 min Scan# 2271
Delta R.T. -0.016 min
Lab File: VN068937.D
Acq: 14 Oct 2021 20:27

Tgt Ion:	56	Resp:	7922
Ion	Ratio	Lower	Upper
56	100		
69	170.5	26.9	40.3#
84	142.3	67.6	101.4#



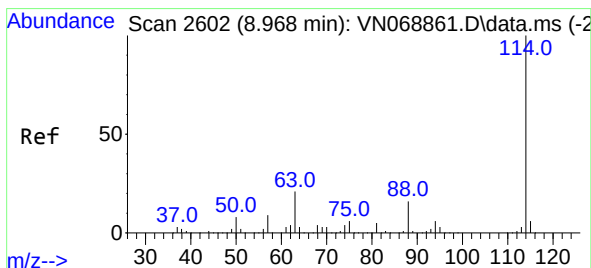
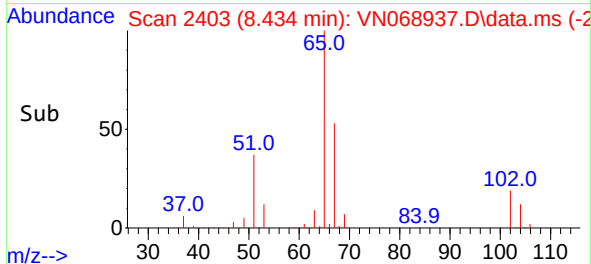
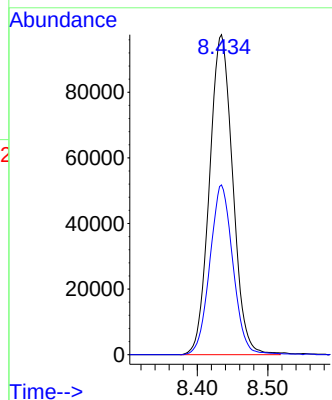
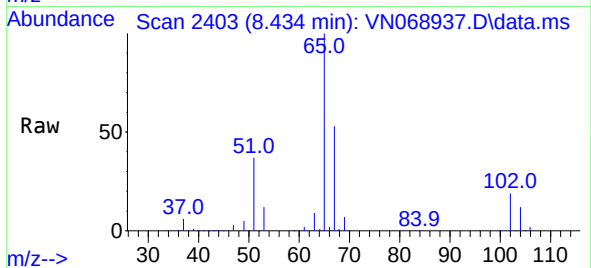


#33

1,2-Dichloroethane-d4
Concen: 44.681 ug/l
RT: 8.434 min Scan# 2403
Delta R.T. -0.005 min
Lab File: VN068937.D
Acq: 14 Oct 2021 20:27

Instrument :
MSVOA_N
ClientSampled :

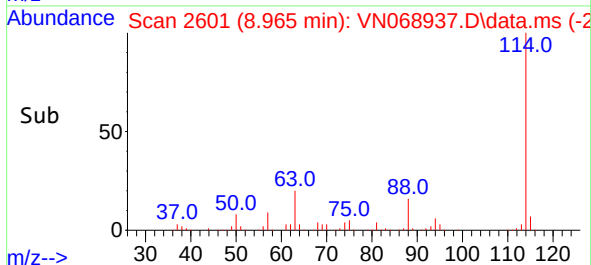
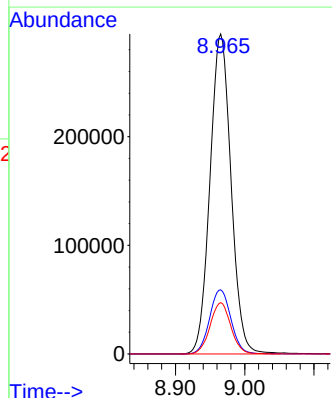
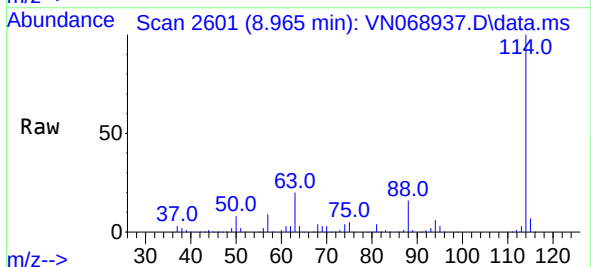
Tgt Ion: 65 Resp: 223939
Ion Ratio Lower Upper
65 100
67 52.6 0.0 103.8

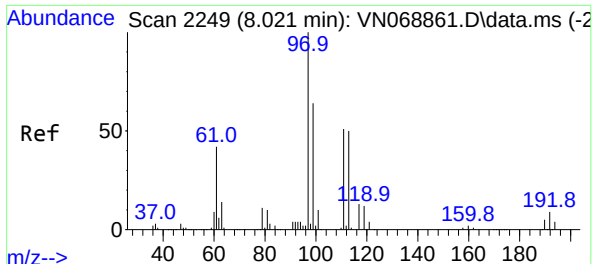


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.965 min Scan# 2601
Delta R.T. -0.003 min
Lab File: VN068937.D
Acq: 14 Oct 2021 20:27

Tgt Ion: 114 Resp: 621351
Ion Ratio Lower Upper
114 100
63 20.0 0.0 42.6
88 16.1 0.0 32.0

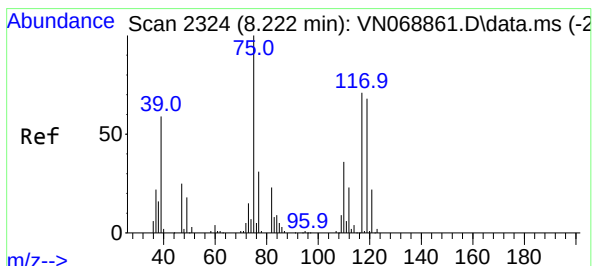
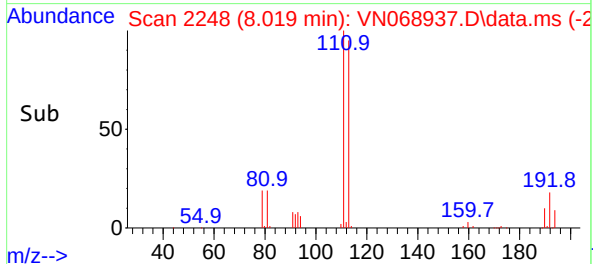
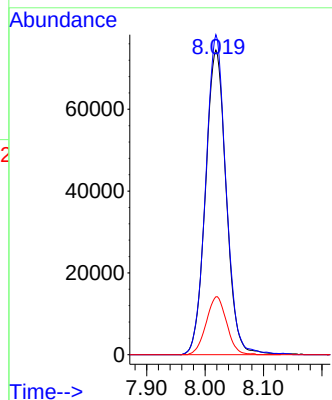
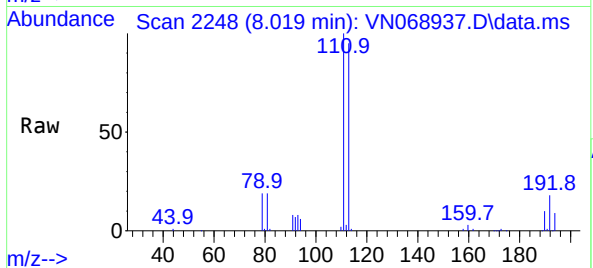




#35
Dibromofluoromethane
Concen: 50.803 ug/l
RT: 8.019 min Scan# 2248
Delta R.T. -0.003 min
Lab File: VN068937.D
Acq: 14 Oct 2021 20:27

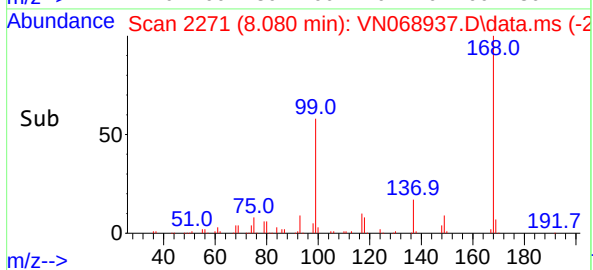
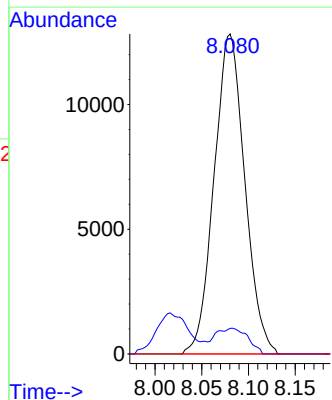
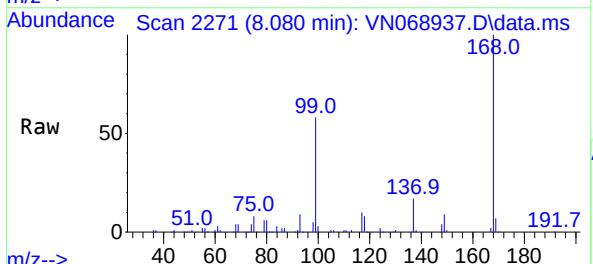
Instrument :
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ClientSampleId :

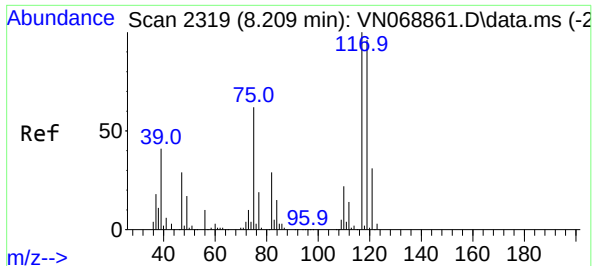
Tgt Ion:113 Resp: 183657
Ion Ratio Lower Upper
113 100
111 103.1 83.2 124.8
192 18.8 15.0 22.4



#36
1,1-Dichloropropene
Concen: 5.524 ug/l
RT: 8.080 min Scan# 2271
Delta R.T. -0.142 min
Lab File: VN068937.D
Acq: 14 Oct 2021 20:27

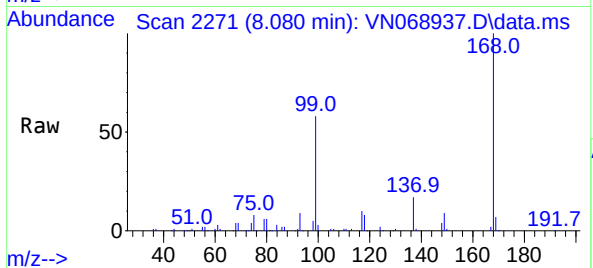
Tgt Ion: 75 Resp: 29317
Ion Ratio Lower Upper
75 100
110 8.5 17.9 53.8#
77 0.0 24.7 37.1#



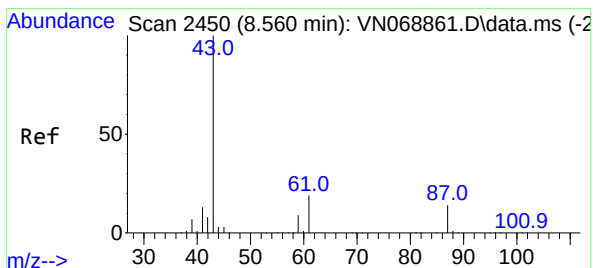
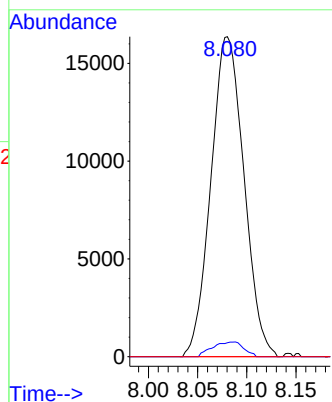
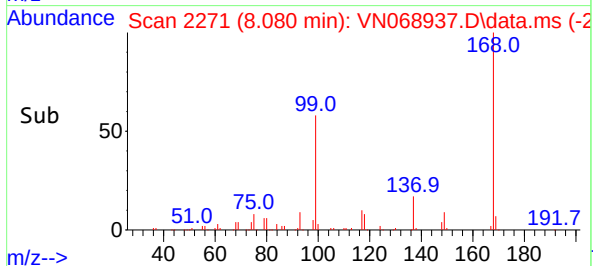


#38
Carbon Tetrachloride
Concen: 6.565 ug/l
RT: 8.080 min Scan# 2271
Delta R.T. -0.129 min
Lab File: VN068937.D
Acq: 14 Oct 2021 20:27

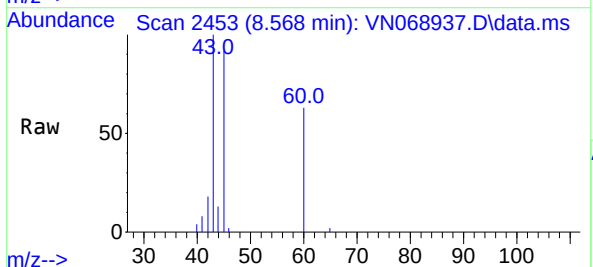
Instrument :
MSVOA_N
ClientSampled :



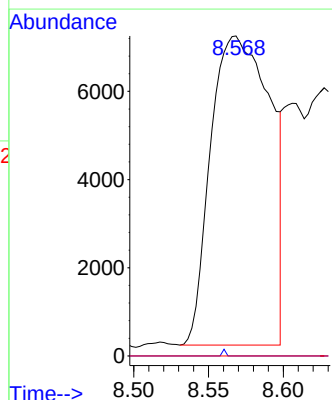
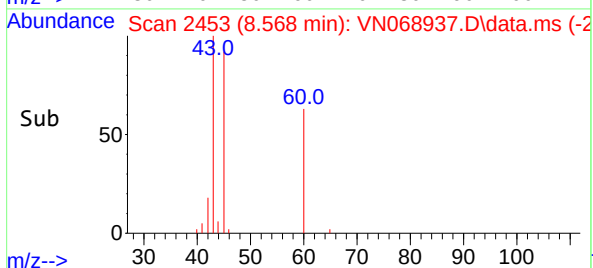
Tgt Ion:117 Resp: 38267
Ion Ratio Lower Upper
117 100
119 4.4 76.9 115.3#
121 0.0 24.6 37.0#

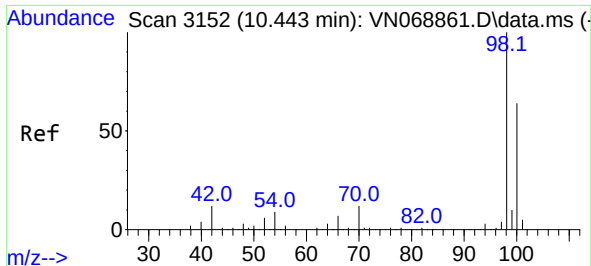


#43
Isopropyl Acetate
Concen: 2.013 ug/l
RT: 8.568 min Scan# 2453
Delta R.T. 0.008 min
Lab File: VN068937.D
Acq: 14 Oct 2021 20:27



Tgt Ion: 43 Resp: 19470
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 10.7 16.1#

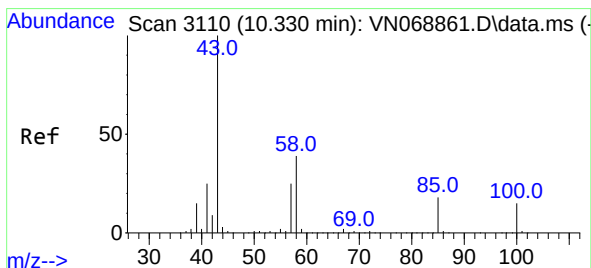
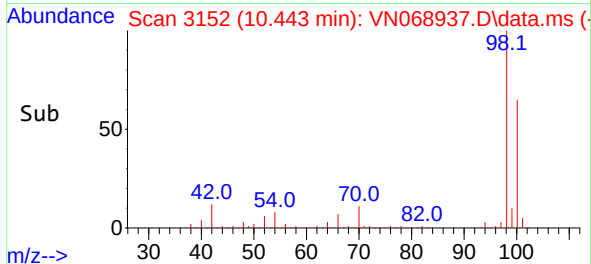
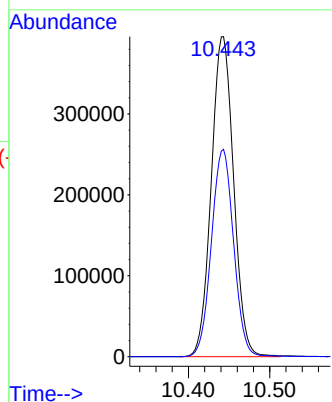
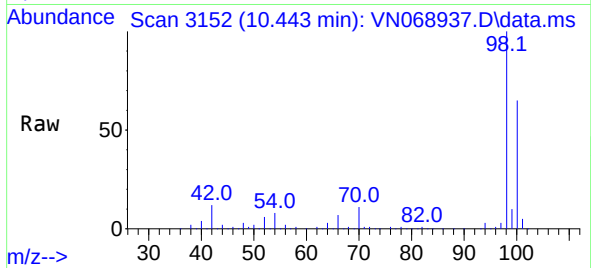




#50
Toluene-d8
Concen: 52.199 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068937.D
Acq: 14 Oct 2021 20:27

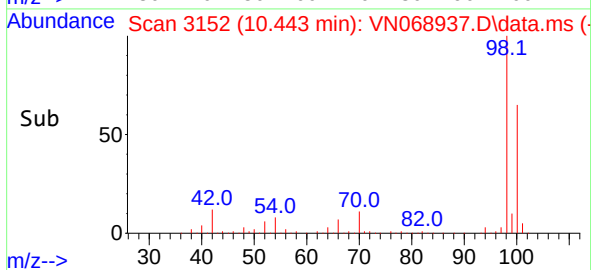
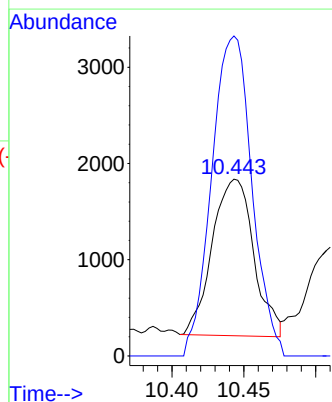
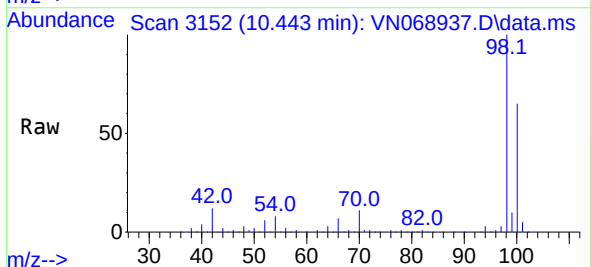
Instrument :
MSVOA_N
ClientSampled :

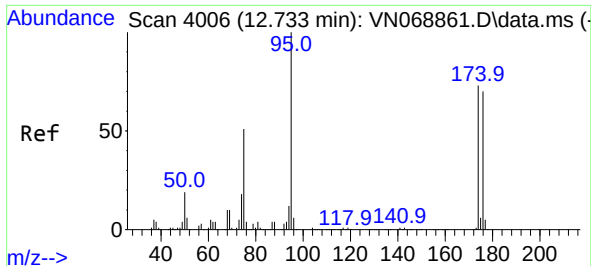
Tgt Ion: 98 Resp: 755032
Ion Ratio Lower Upper
98 100
100 64.5 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 0.583 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.113 min
Lab File: VN068937.D
Acq: 14 Oct 2021 20:27

Tgt Ion: 43 Resp: 3267
Ion Ratio Lower Upper
43 100
58 197.9 31.0 46.4#

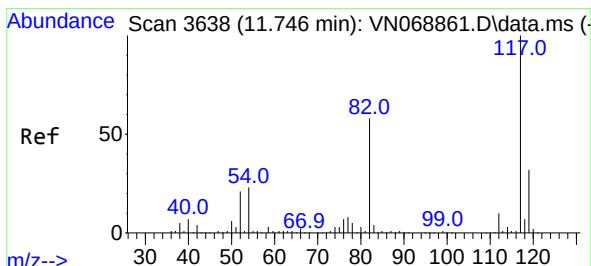
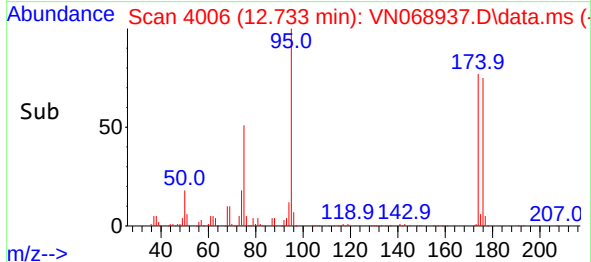
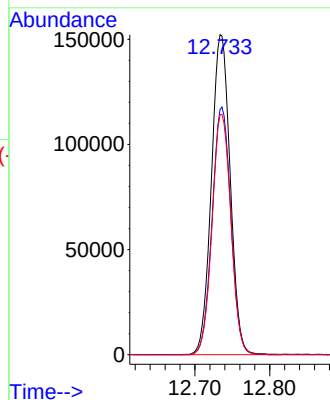
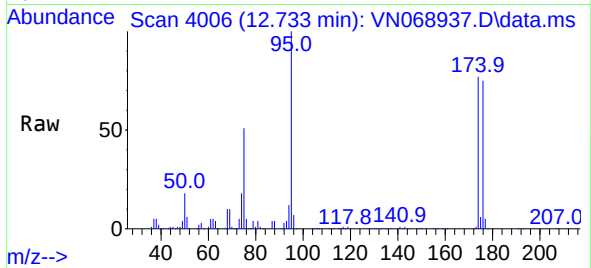




#62
4-Bromofluorobenzene
Concen: 48.681 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN068937.D
Acq: 14 Oct 2021 20:27

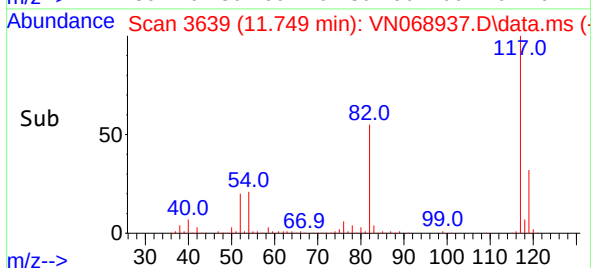
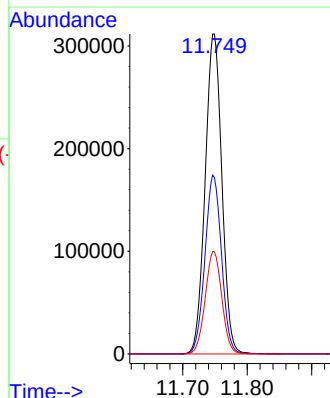
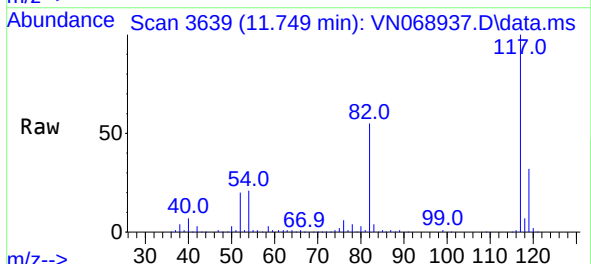
Instrument :
MSVOA_N
ClientSampleId :

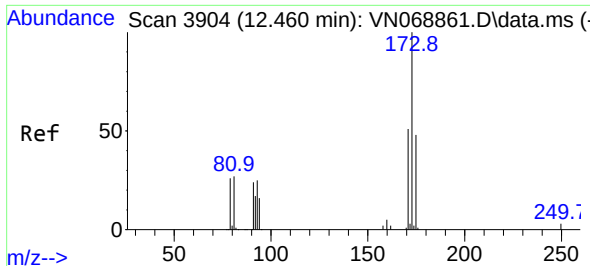
Tgt Ion: 95 Resp: 265668
Ion Ratio Lower Upper
95 100
174 77.4 0.0 144.8
176 74.9 0.0 140.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.003 min
Lab File: VN068937.D
Acq: 14 Oct 2021 20:27

Tgt Ion: 117 Resp: 561724
Ion Ratio Lower Upper
117 100
82 55.1 46.4 69.6
119 31.9 26.0 39.0

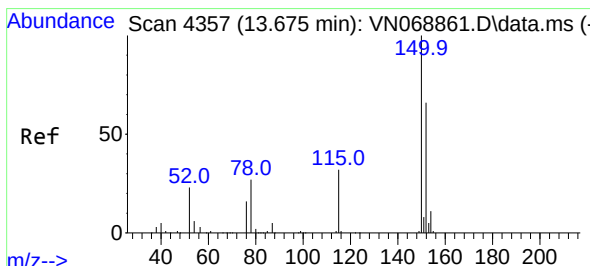
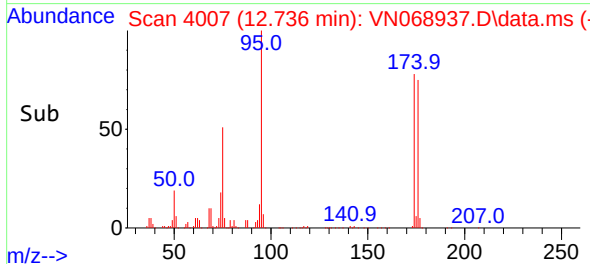
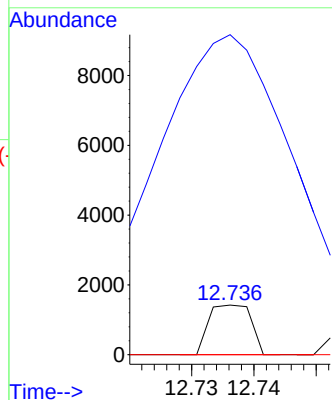
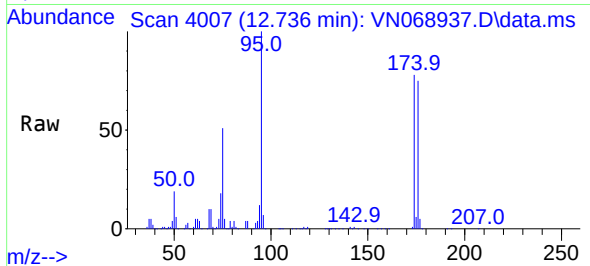




#71
Bromoform
Concen: 0.201 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.276 min
Lab File: VN068937.D
Acq: 14 Oct 2021 20:27

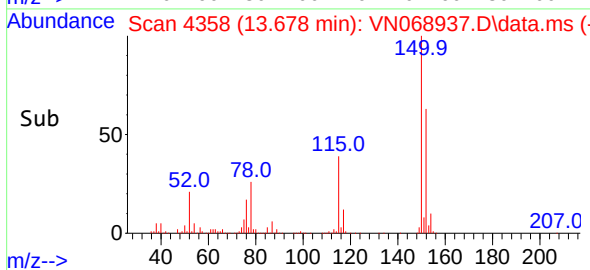
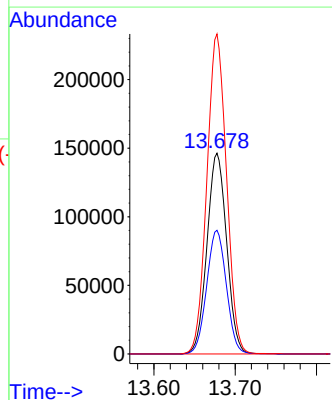
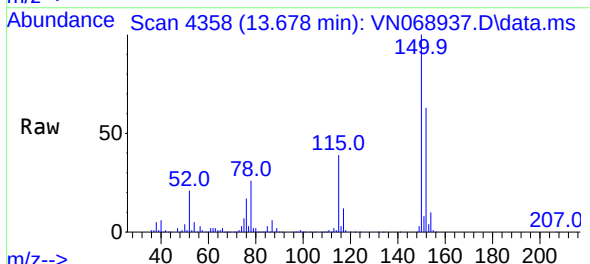
Instrument :
MSVOA_N
ClientSampleId :

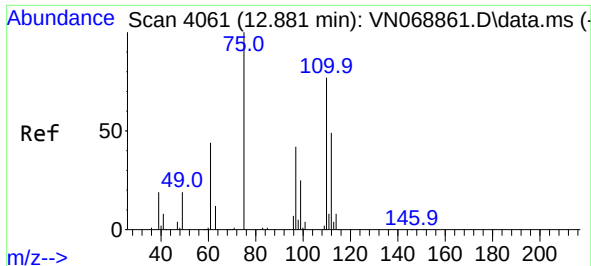
Tgt Ion:173 Resp: 671
Ion Ratio Lower Upper
173 100
175 2103.9 23.8 71.5#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN068937.D
Acq: 14 Oct 2021 20:27

Tgt Ion:152 Resp: 246337
Ion Ratio Lower Upper
152 100
115 61.6 31.4 94.3
150 158.7 0.0 351.0

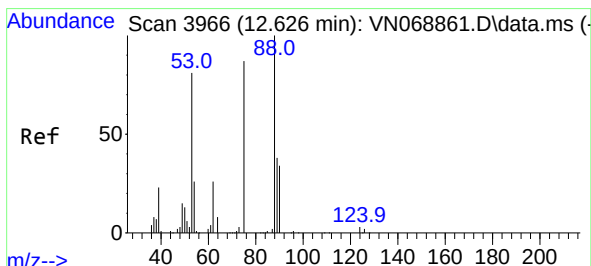
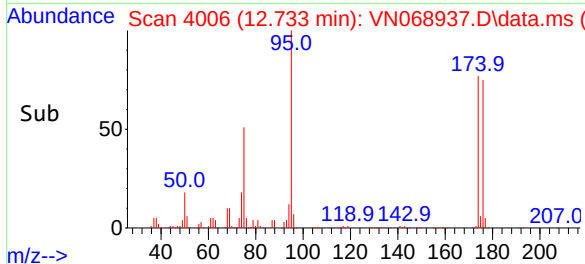
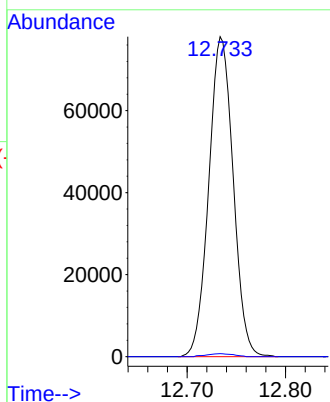
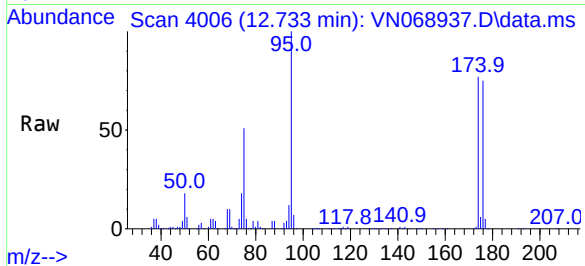




#76
1,2,3-Trichloropropane
Concen: 25.607 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.147 min
Lab File: VN068937.D
Acq: 14 Oct 2021 20:27

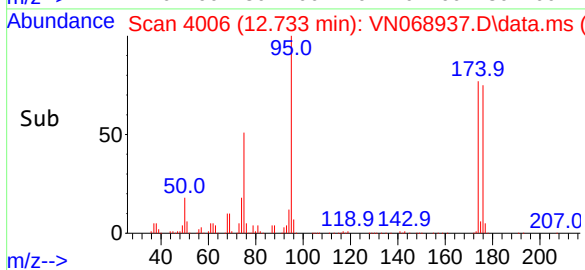
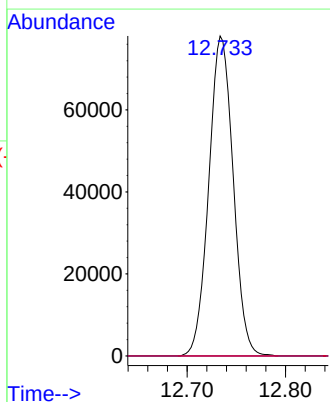
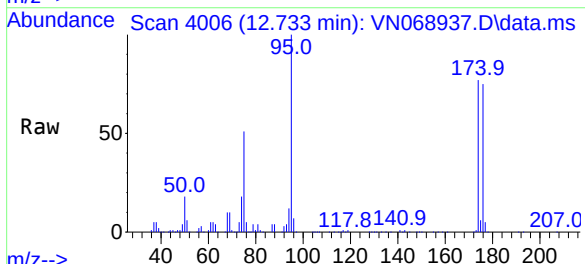
Instrument :
MSVOA_N
ClientSampled :

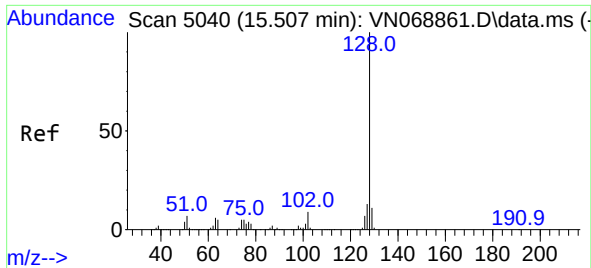
Tgt Ion: 75 Resp: 134216
Ion Ratio Lower Upper
75 100
77 1.0 96.2 288.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 61.264 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.107 min
Lab File: VN068937.D
Acq: 14 Oct 2021 20:27

Tgt Ion: 75 Resp: 134216
Ion Ratio Lower Upper
75 100
53 0.0 75.4 113.2#
89 0.0 36.9 55.3#





#95
Naphthalene
Concen: 7.651 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.002 min
Lab File: VN068937.D
Acq: 14 Oct 2021 20:27

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 47519
Ion Ratio Lower Upper
128 100
127 12.8 10.5 15.7
129 11.8 8.9 13.3

