

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101421\
 Data File : VN068934.D
 Acq On : 14 Oct 2021 19:12
 Operator : JC/MD
 Sample : M4192-03
 Misc : 5.35g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 14 22:50:27 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)

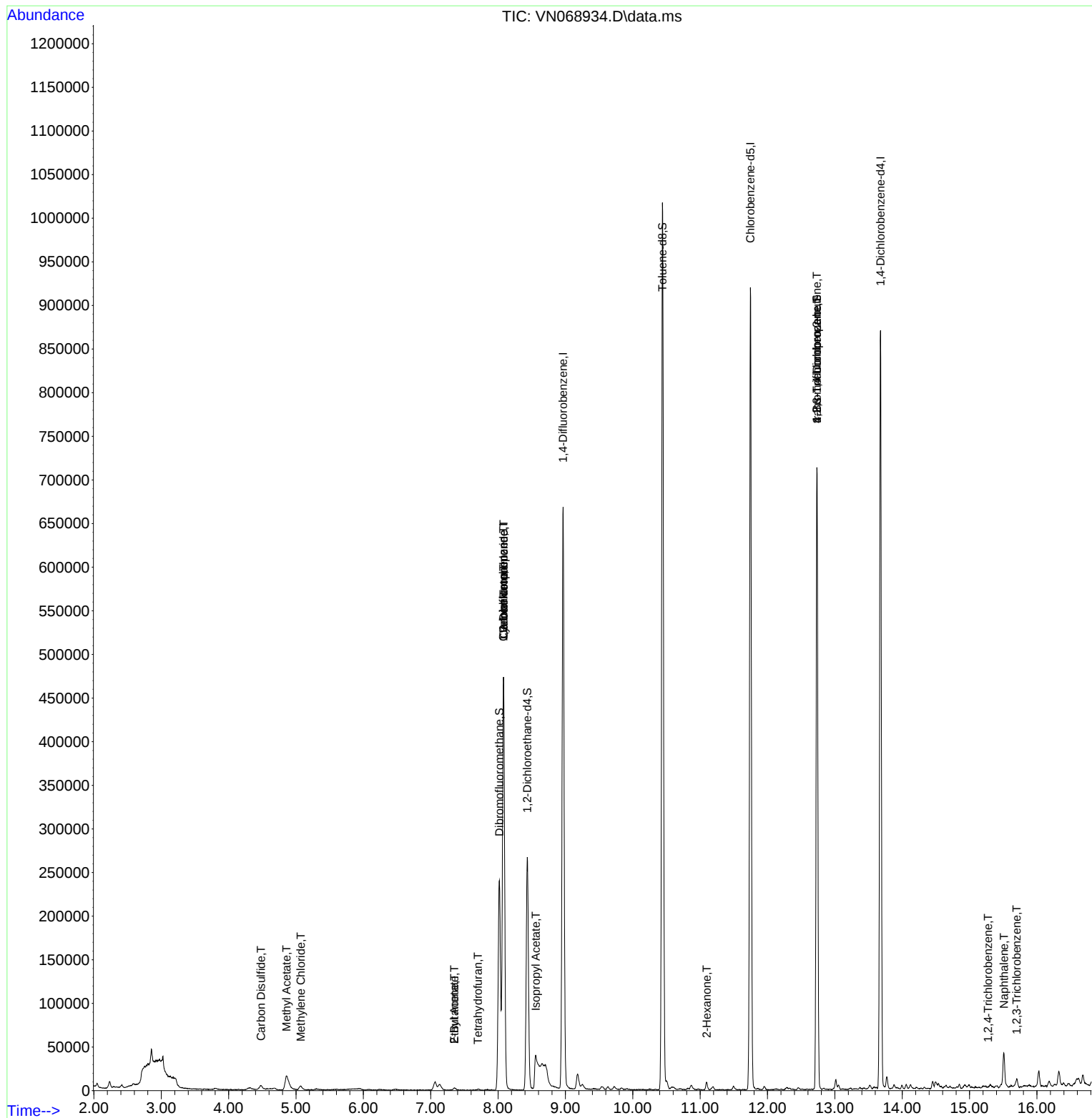
Internal Standards						
1) Pentafluorobenzene	8.080	168	373108	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	607957	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	544860	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	237962	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	223069	45.346	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 90.700%			
35) Dibromofluoromethane	8.019	113	179072	50.626	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 101.260%			
50) Toluene-d8	10.441	98	741406	52.386	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 104.780%			
62) 4-Bromofluorobenzene	12.734	95	258010	48.320	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 96.640%			
Target Compounds						Qvalue
17) Carbon Disulfide	4.481	76	10680	1.092	ug/l #	94
18) Methyl Acetate	4.857	43	45044	6.469	ug/l	95
20) Methylene Chloride	5.071	84	3830	0.906	ug/l	98
25) 2-Butanone	7.351	43	4909	1.768	ug/l	90
29) Tetrahydrofuran	7.702	42	952	0.529	ug/l #	45
31) Cyclohexane	8.078	56	8284	1.083	ug/l #	1
36) 1,1-Dichloropropene	8.078	75	28479	5.484	ug/l #	49
37) Ethyl Acetate	7.351	43	4909	0.915	ug/l #	68
38) Carbon Tetrachloride	8.083	117	37390	6.556	ug/l #	16
43) Isopropyl Acetate	8.560	43	60721	6.417	ug/l #	56
59) 2-Hexanone	11.100	43	1676	0.426	ug/l #	29
76) 1,2,3-Trichloropropane	12.734	75	130831	25.840	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.734	75	130831	61.820	ug/l #	12
93) 1,2,4-Trichlorobenzene	15.273	180	55	2.615	ug/l #	47
95) Naphthalene	15.509	128	37568	6.954	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	51	2.526	ug/l #	1

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

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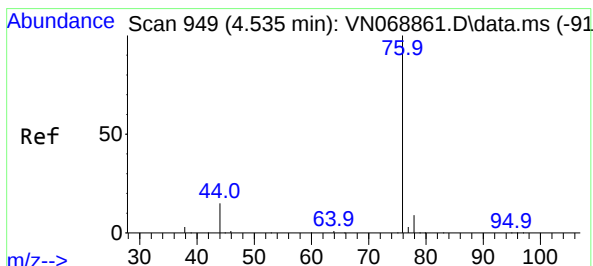
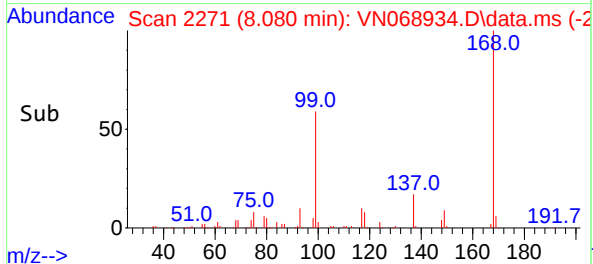
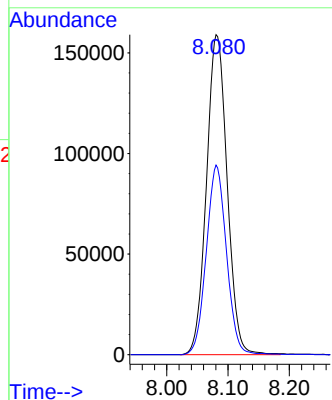
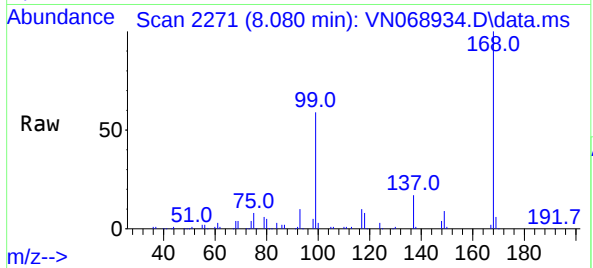




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 2271
Delta R.T. -0.006 min
Lab File: VN068934.D
Acq: 14 Oct 2021 19:12

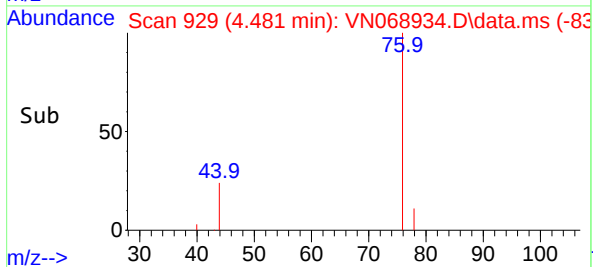
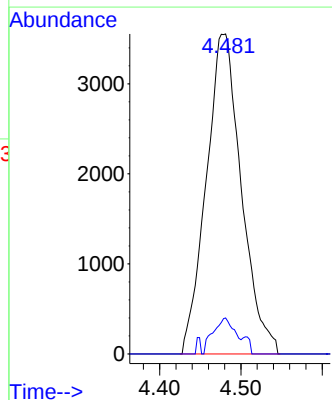
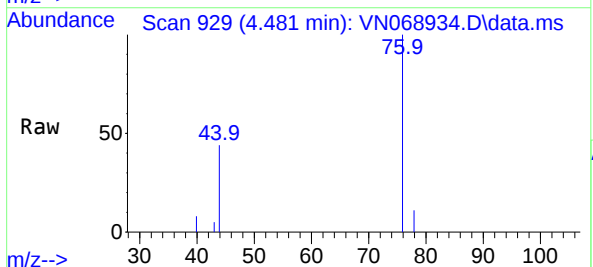
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:168 Resp: 373108
Ion Ratio Lower Upper
168 100
99 59.3 48.9 73.3



#17
Carbon Disulfide
Concen: 1.092 ug/l
RT: 4.481 min Scan# 929
Delta R.T. -0.053 min
Lab File: VN068934.D
Acq: 14 Oct 2021 19:12

Tgt Ion: 76 Resp: 10680
Ion Ratio Lower Upper
76 100
78 11.3 7.2 10.8#





#18

Methyl Acetate

Concen: 6.469 ug/l

RT: 4.857 min Scan# 1069

Delta R.T. 0.003 min

Lab File: VN068934.D

Acq: 14 Oct 2021 19:12

Tgt Ion: 43 Resp: 45044

Ion Ratio Lower Upper

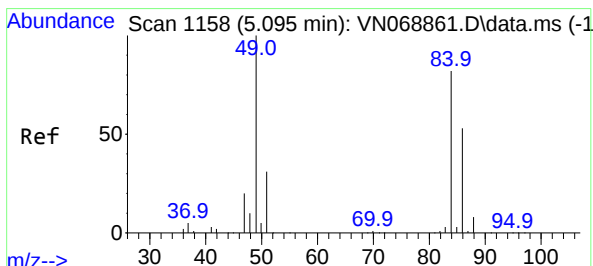
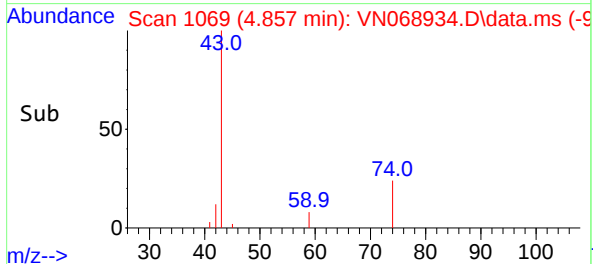
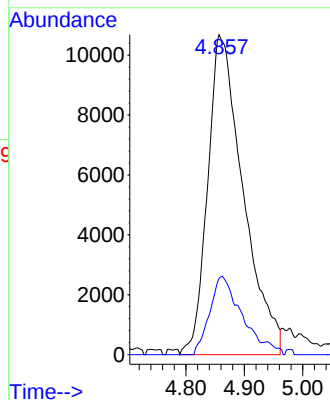
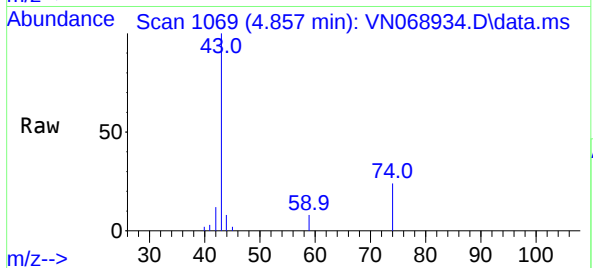
43 100

74 21.1 18.9 28.3

Instrument :

MSVOA_N

ClientSampled :



#20

Methylene Chloride

Concen: 0.906 ug/l

RT: 5.071 min Scan# 1149

Delta R.T. -0.024 min

Lab File: VN068934.D

Acq: 14 Oct 2021 19:12

Tgt Ion: 84 Resp: 3830

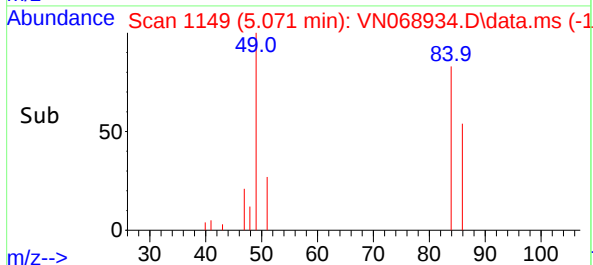
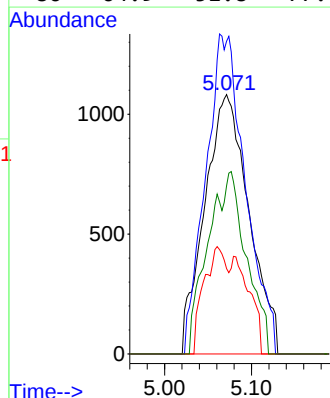
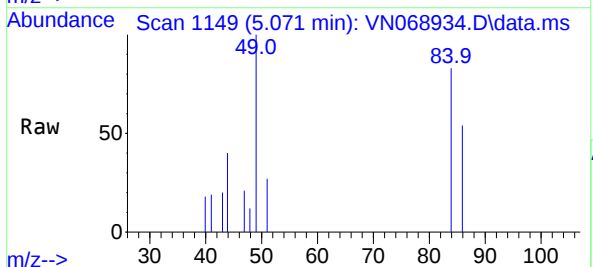
Ion Ratio Lower Upper

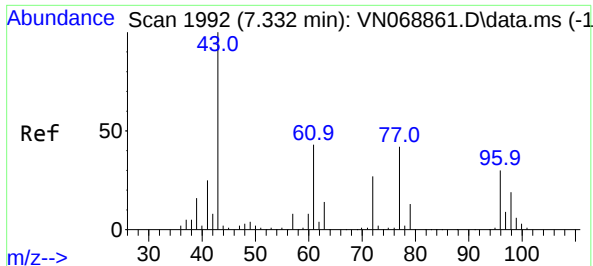
84 100

49 120.6 97.6 146.4

51 32.9 30.3 45.5

86 64.9 51.8 77.6

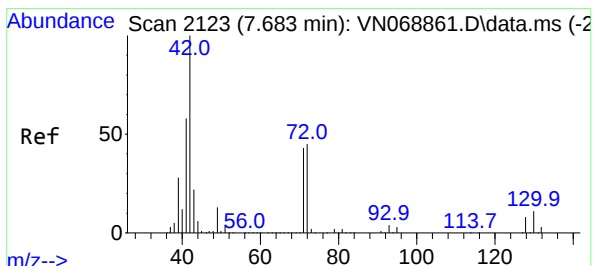
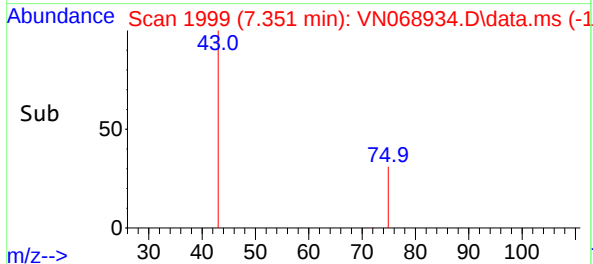
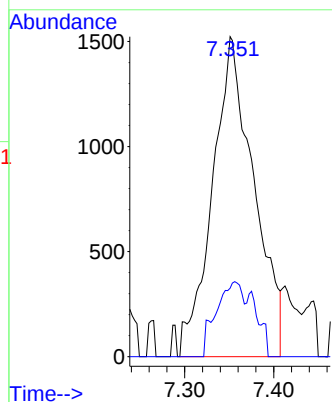
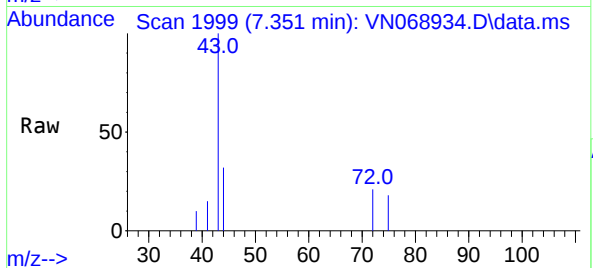




#25
2-Butanone
Concen: 1.768 ug/l
RT: 7.351 min Scan# 1999
Delta R.T. 0.019 min
Lab File: VN068934.D
Acq: 14 Oct 2021 19:12

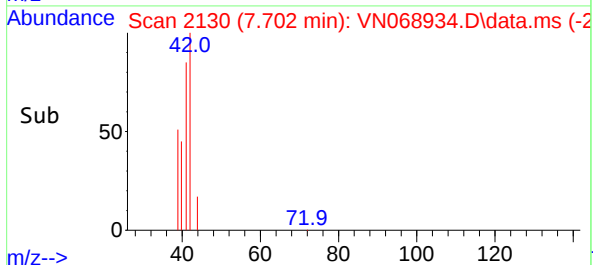
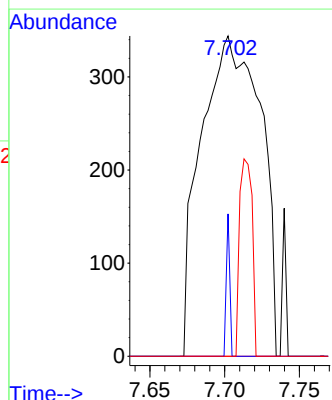
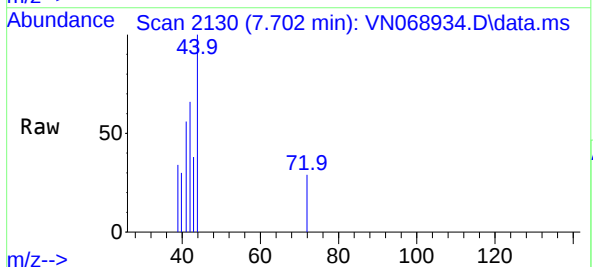
Instrument :
MSVOA_N
ClientSampled :

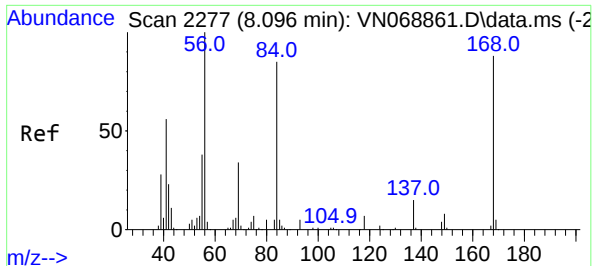
Tgt Ion: 43 Resp: 4909
Ion Ratio Lower Upper
43 100
72 21.4 21.2 31.8



#29
Tetrahydrofuran
Concen: 0.529 ug/l
RT: 7.702 min Scan# 2130
Delta R.T. 0.019 min
Lab File: VN068934.D
Acq: 14 Oct 2021 19:12

Tgt Ion: 42 Resp: 952
Ion Ratio Lower Upper
42 100
72 2.6 35.4 53.2#
71 13.0 33.8 50.6#

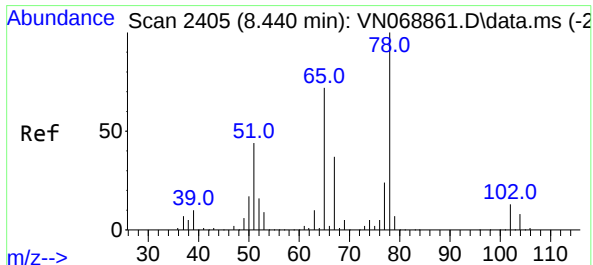
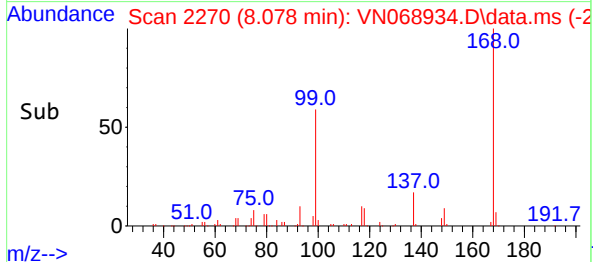
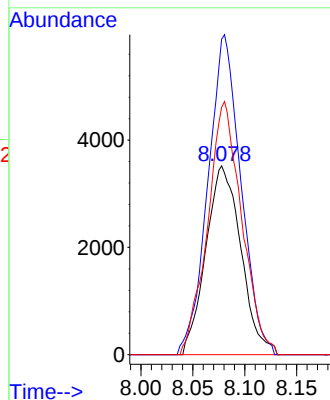
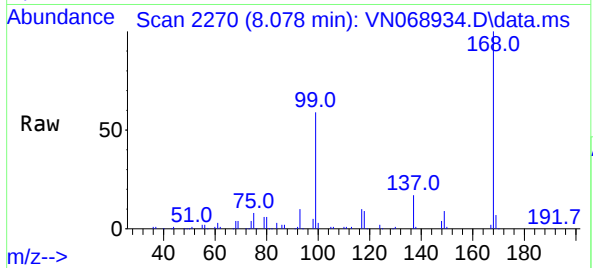




#31
Cyclohexane
Concen: 1.083 ug/l
RT: 8.078 min Scan# 2270
Delta R.T. -0.018 min
Lab File: VN068934.D
Acq: 14 Oct 2021 19:12

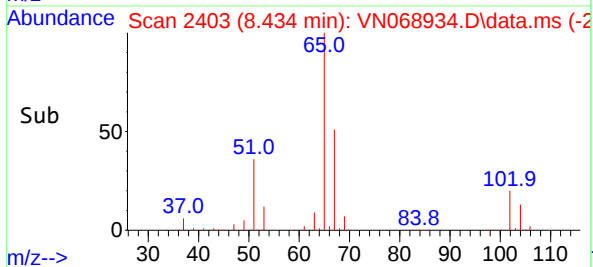
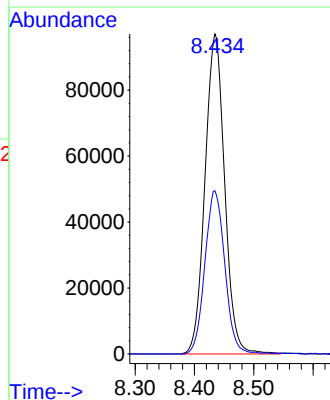
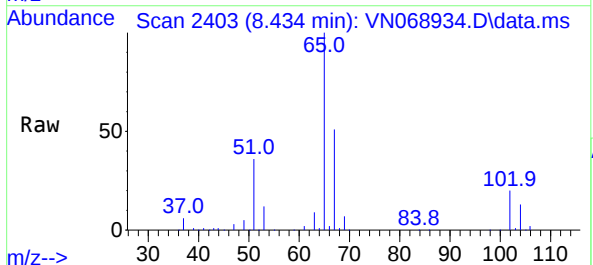
Instrument :
MSVOA_N
ClientSampled :

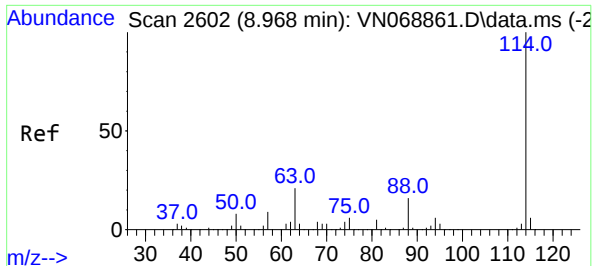
Tgt Ion: 56 Resp: 8284
Ion Ratio Lower Upper
56 100
69 167.2 26.9 40.3#
84 131.1 67.6 101.4#



#33
1,2-Dichloroethane-d4
Concen: 45.346 ug/l
RT: 8.434 min Scan# 2403
Delta R.T. -0.005 min
Lab File: VN068934.D
Acq: 14 Oct 2021 19:12

Tgt Ion: 65 Resp: 223069
Ion Ratio Lower Upper
65 100
67 51.7 0.0 103.8

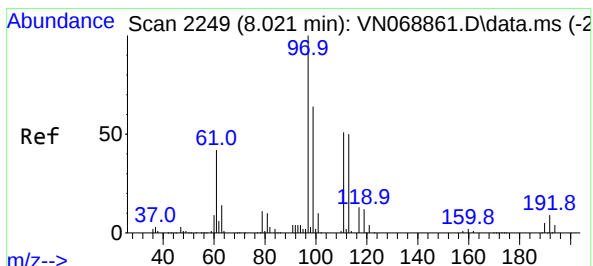
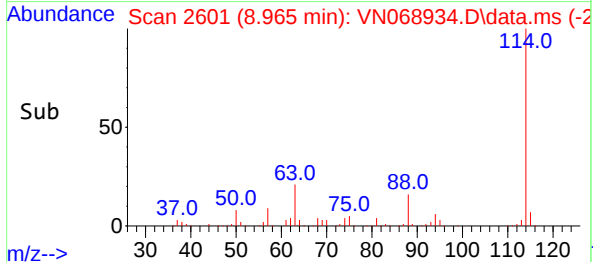
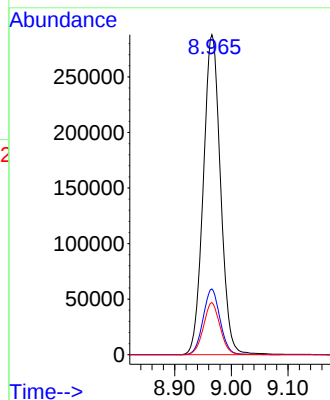
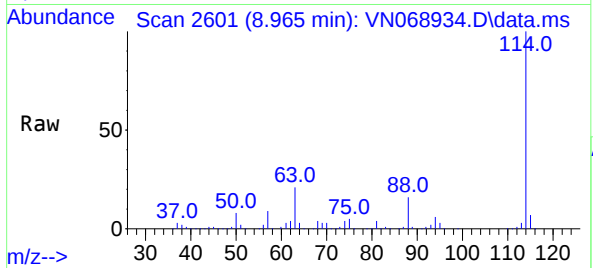




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.965 min Scan# 2601
Delta R.T. -0.003 min
Lab File: VN068934.D
Acq: 14 Oct 2021 19:12

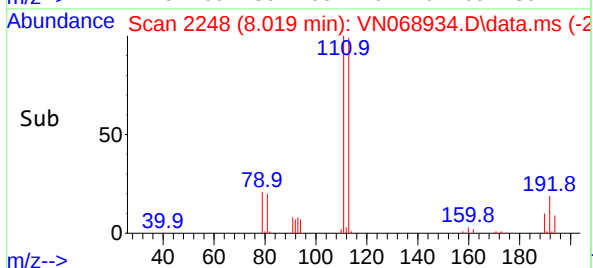
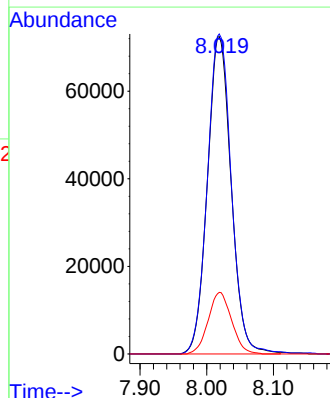
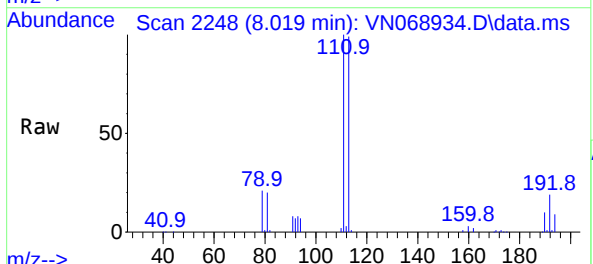
Instrument :
MSVOA_N
ClientSampled :

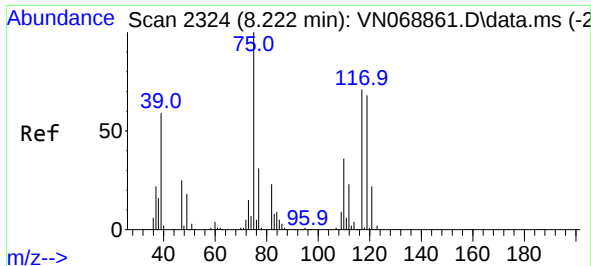
Tgt Ion:114 Resp: 607957
Ion Ratio Lower Upper
114 100
63 20.5 0.0 42.6
88 16.3 0.0 32.0



#35
Dibromofluoromethane
Concen: 50.626 ug/l
RT: 8.019 min Scan# 2248
Delta R.T. -0.003 min
Lab File: VN068934.D
Acq: 14 Oct 2021 19:12

Tgt Ion:113 Resp: 179072
Ion Ratio Lower Upper
113 100
111 102.3 83.2 124.8
192 19.2 15.0 22.4

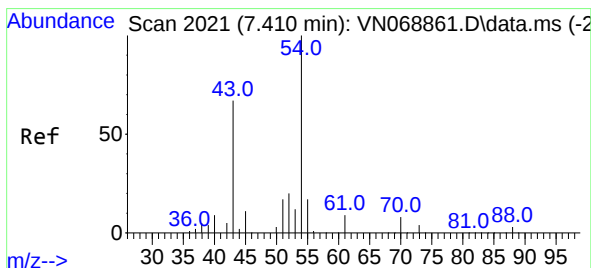
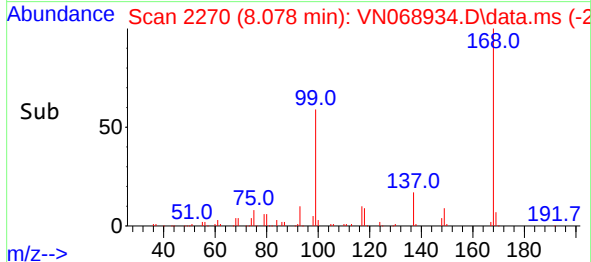
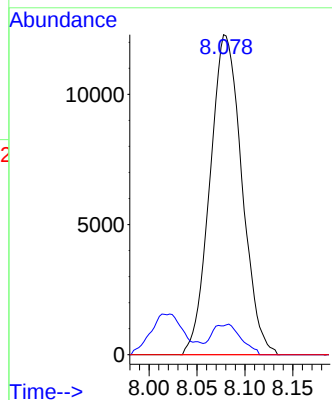
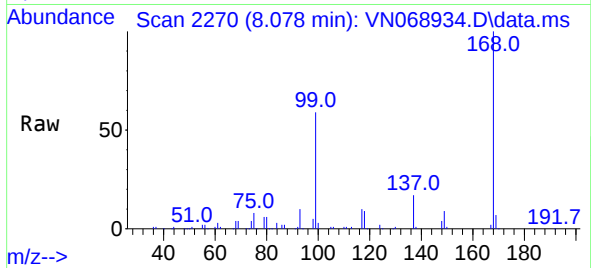




#36
1,1-Dichloropropene
Concen: 5.484 ug/l
RT: 8.078 min Scan# 2270
Delta R.T. -0.145 min
Lab File: VN068934.D
Acq: 14 Oct 2021 19:12

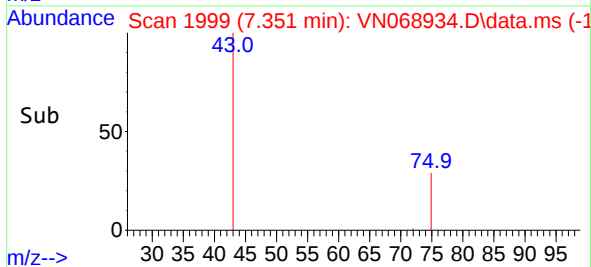
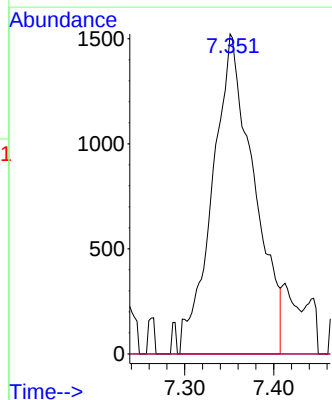
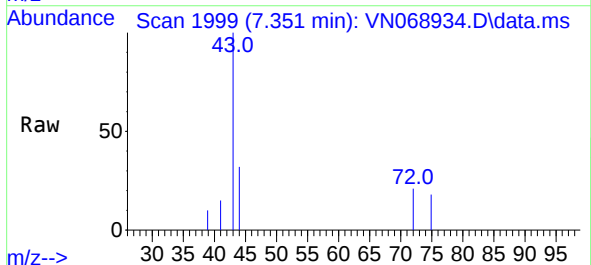
Instrument :
MSVOA_N
ClientSampled :

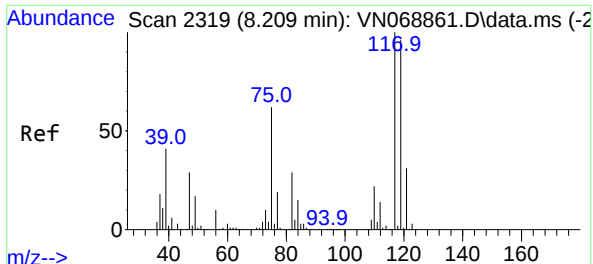
Tgt Ion: 75 Resp: 28479
Ion Ratio Lower Upper
75 100
110 8.8 17.9 53.8#
77 0.0 24.7 37.1#



#37
Ethyl Acetate
Concen: 0.915 ug/l
RT: 7.351 min Scan# 1999
Delta R.T. -0.059 min
Lab File: VN068934.D
Acq: 14 Oct 2021 19:12

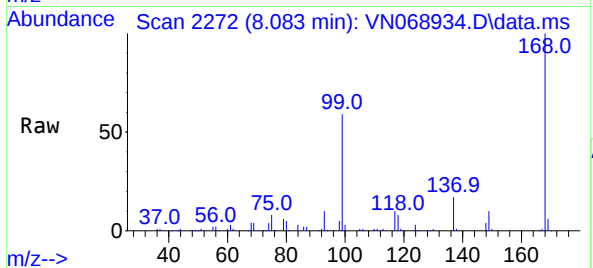
Tgt Ion: 43 Resp: 4909
Ion Ratio Lower Upper
43 100
61 0.0 11.2 16.8#
70 0.0 8.4 12.6#



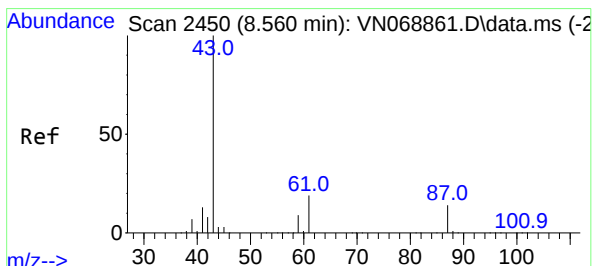
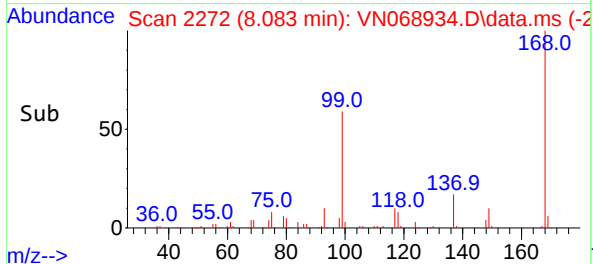
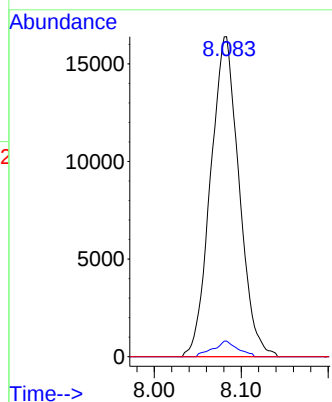


#38
Carbon Tetrachloride
Concen: 6.556 ug/l
RT: 8.083 min Scan# 2272
Delta R.T. -0.126 min
Lab File: VN068934.D
Acq: 14 Oct 2021 19:12

Instrument :
MSVOA_N
ClientSampled :

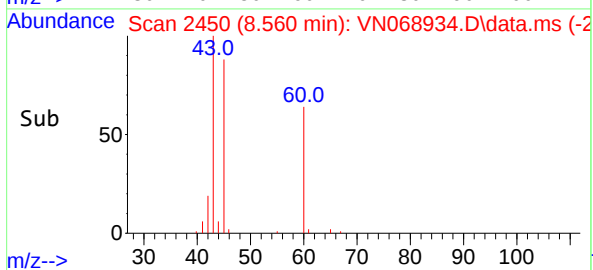
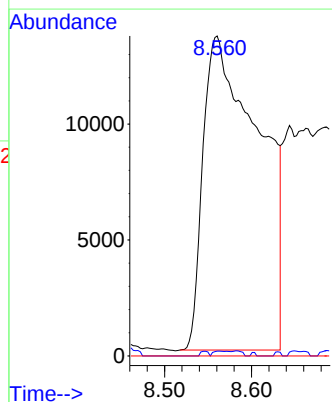
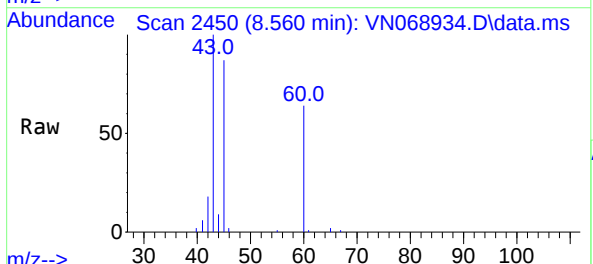


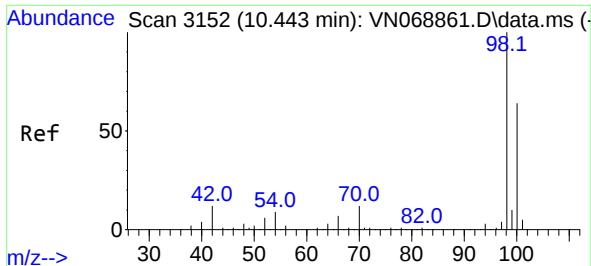
Tgt Ion:117 Resp: 37390
Ion Ratio Lower Upper
117 100
119 4.9 76.9 115.3#
121 0.0 24.6 37.0#



#43
Isopropyl Acetate
Concen: 6.417 ug/l
RT: 8.560 min Scan# 2450
Delta R.T. 0.000 min
Lab File: VN068934.D
Acq: 14 Oct 2021 19:12

Tgt Ion: 43 Resp: 60721
Ion Ratio Lower Upper
43 100
61 0.5 20.4 30.6#
87 0.0 10.7 16.1#

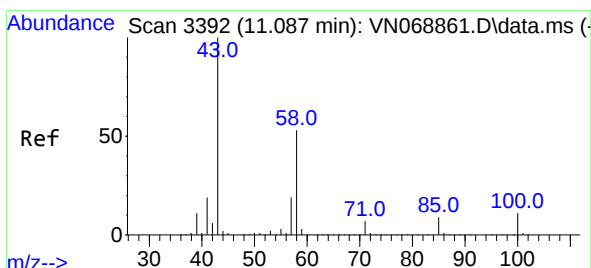
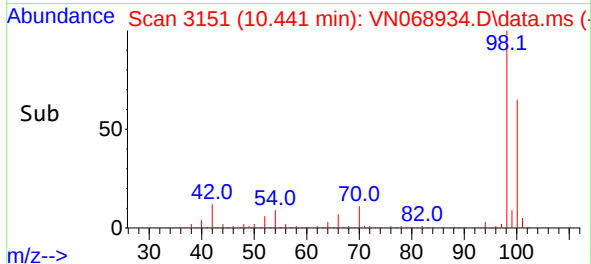
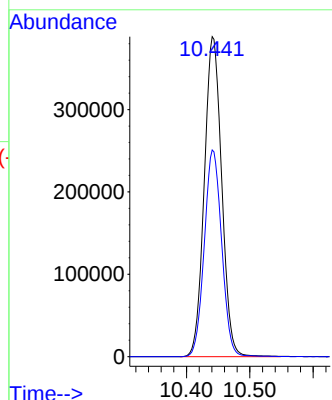
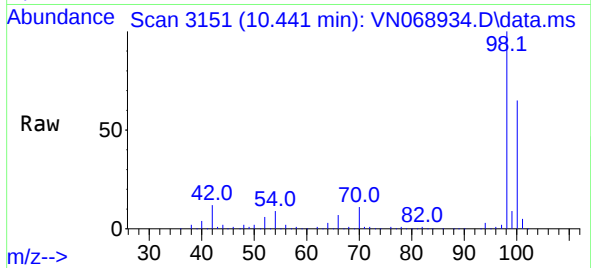




#50
Toluene-d8
Concen: 52.386 ug/l
RT: 10.441 min Scan# 3151
Delta R.T. -0.003 min
Lab File: VN068934.D
Acq: 14 Oct 2021 19:12

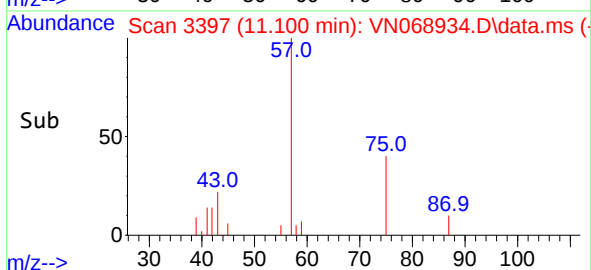
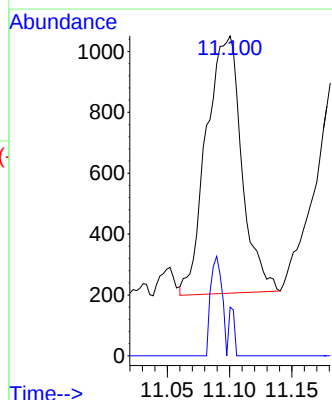
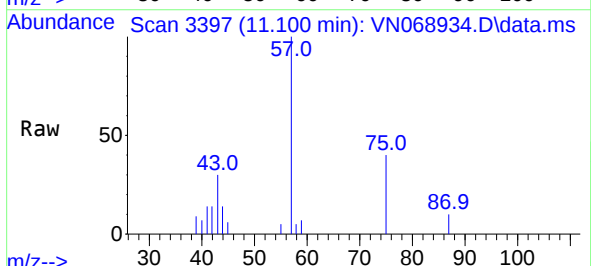
Instrument :
MSVOA_N
ClientSampleId :

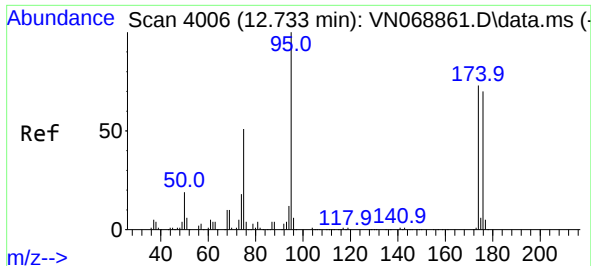
Tgt Ion: 98 Resp: 741406
Ion Ratio Lower Upper
98 100
100 64.4 51.5 77.3



#59
2-Hexanone
Concen: 0.426 ug/l
RT: 11.100 min Scan# 3397
Delta R.T. 0.014 min
Lab File: VN068934.D
Acq: 14 Oct 2021 19:12

Tgt Ion: 43 Resp: 1676
Ion Ratio Lower Upper
43 100
58 3.0 26.9 80.7#

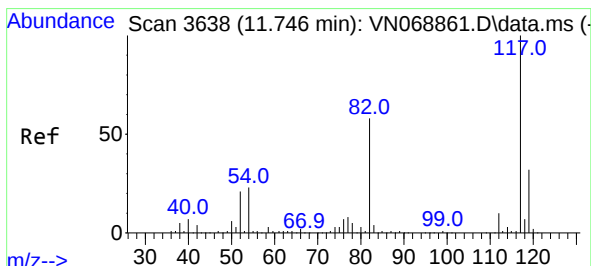
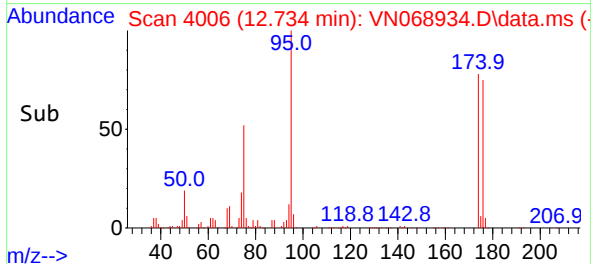
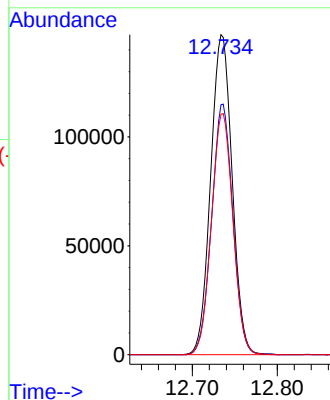
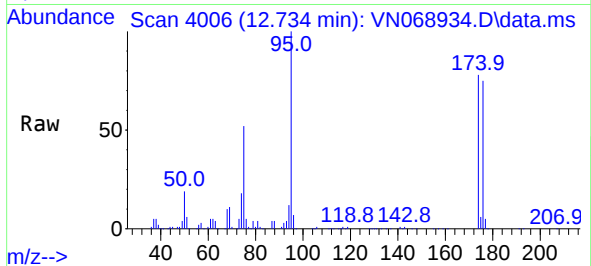




#62
4-Bromofluorobenzene
Concen: 48.320 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN068934.D
Acq: 14 Oct 2021 19:12

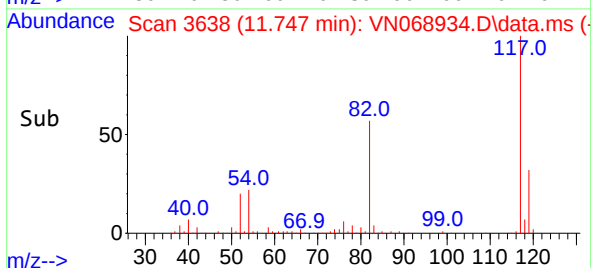
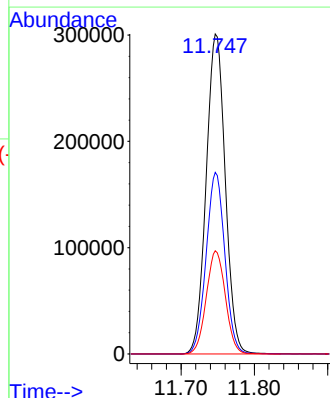
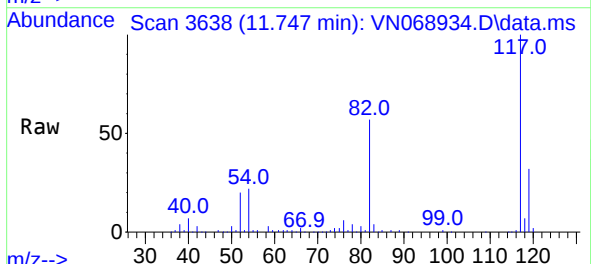
Instrument :
MSVOA_N
ClientSampled :

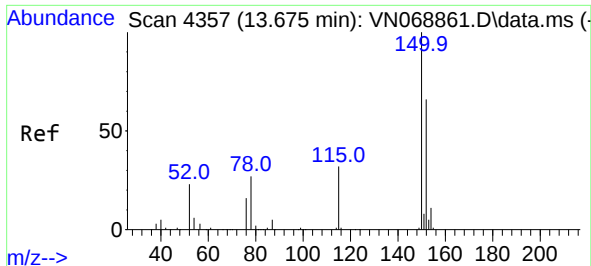
Tgt Ion: 95 Resp: 258010
Ion Ratio Lower Upper
95 100
174 77.2 0.0 144.8
176 75.4 0.0 140.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN068934.D
Acq: 14 Oct 2021 19:12

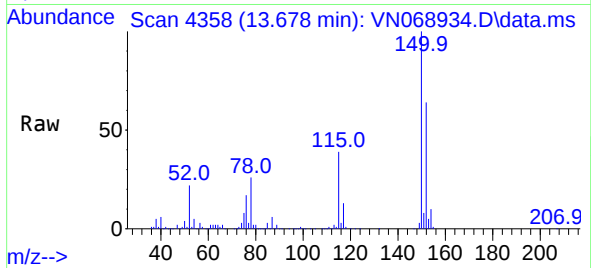
Tgt Ion: 117 Resp: 544860
Ion Ratio Lower Upper
117 100
82 56.7 46.4 69.6
119 32.2 26.0 39.0



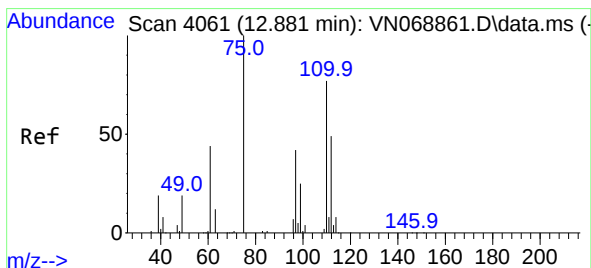
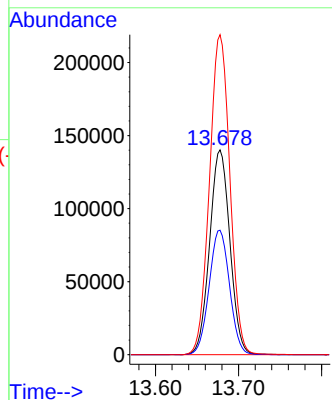
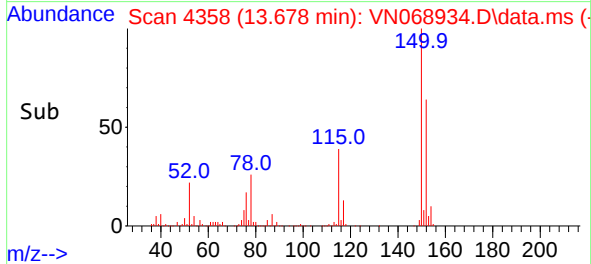


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN068934.D
Acq: 14 Oct 2021 19:12

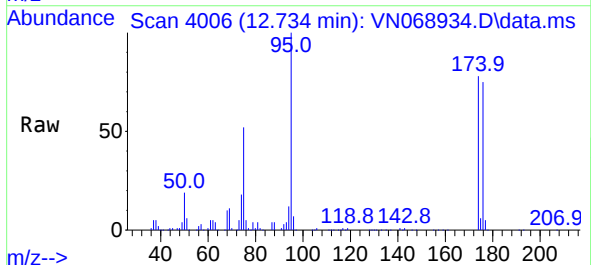
Instrument :
MSVOA_N
ClientSampleId :



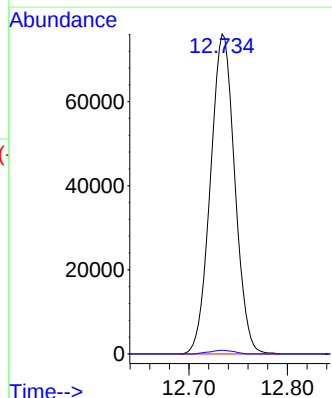
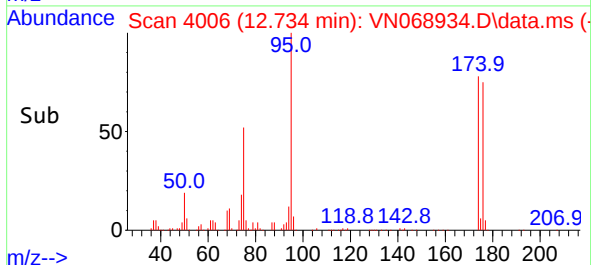
Tgt Ion:152 Resp: 237962
Ion Ratio Lower Upper
152 100
115 61.2 31.4 94.3
150 157.0 0.0 351.0

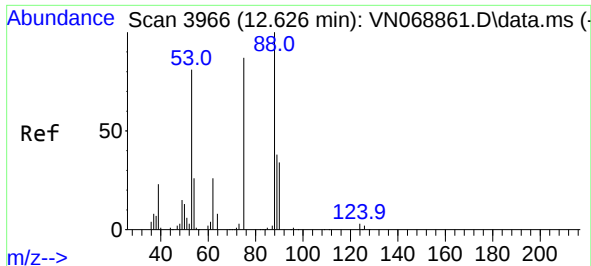


#76
1,2,3-Trichloropropane
Concen: 25.840 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. -0.147 min
Lab File: VN068934.D
Acq: 14 Oct 2021 19:12



Tgt Ion: 75 Resp: 130831
Ion Ratio Lower Upper
75 100
77 1.2 96.2 288.4#

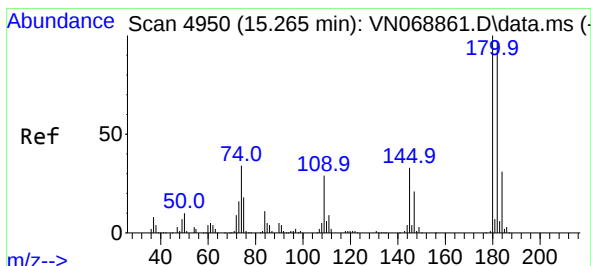
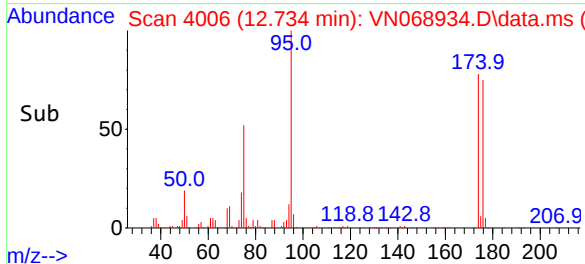
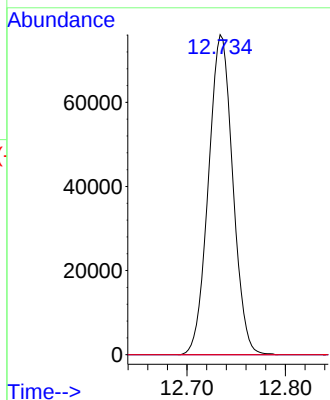
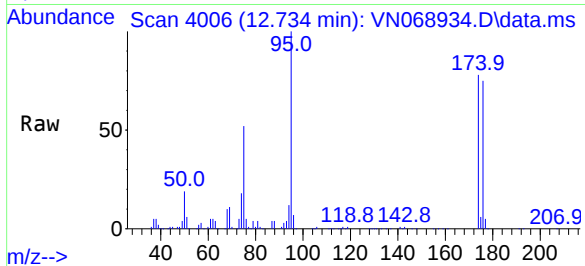




#81
trans-1,4-Dichloro-2-butene
Concen: 61.820 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.107 min
Lab File: VN068934.D
Acq: 14 Oct 2021 19:12

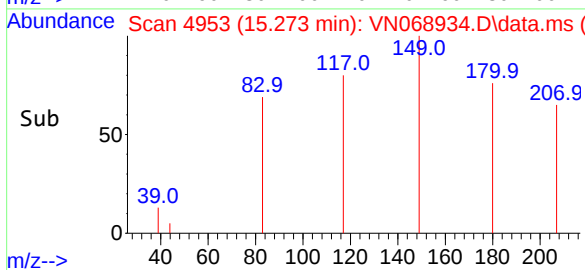
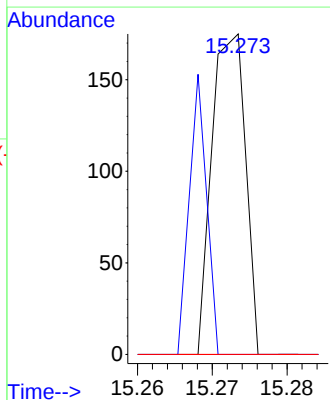
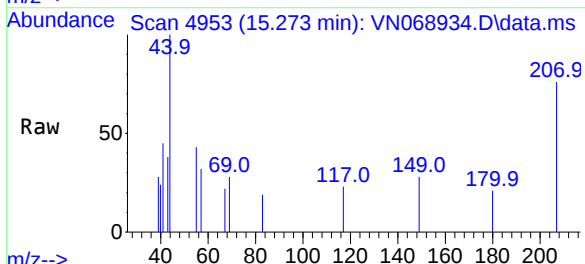
Instrument :
MSVOA_N
ClientSampleId :

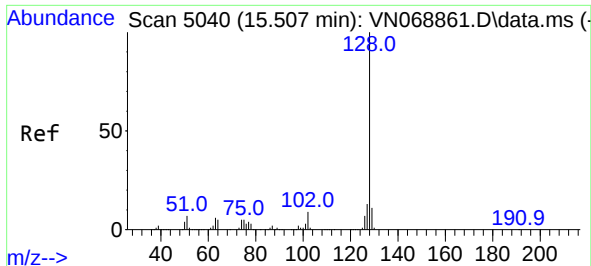
Tgt Ion: 75 Resp: 130831
Ion Ratio Lower Upper
75 100
53 0.0 75.4 113.2#
89 0.0 36.9 55.3#



#93
1,2,4-Trichlorobenzene
Concen: 2.615 ug/l
RT: 15.273 min Scan# 4953
Delta R.T. 0.008 min
Lab File: VN068934.D
Acq: 14 Oct 2021 19:12

Tgt Ion:180 Resp: 55
Ion Ratio Lower Upper
180 100
182 45.5 47.9 143.7#
145 0.0 16.4 49.2#

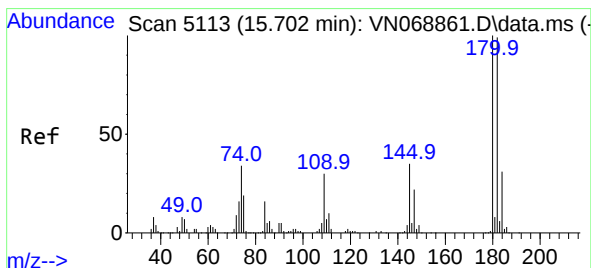
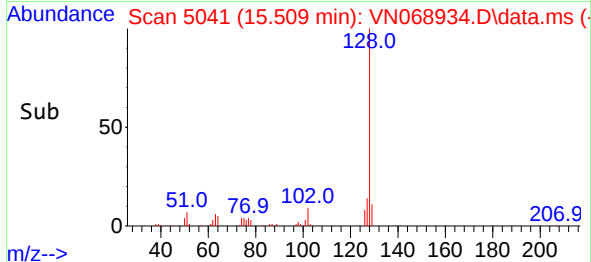
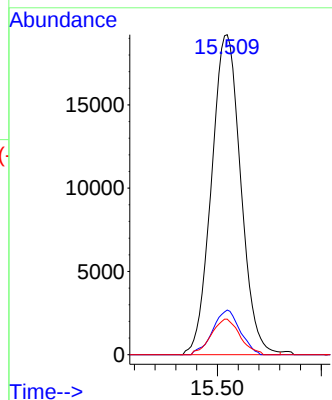
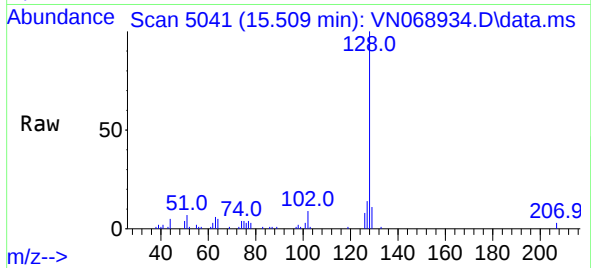




#95
Naphthalene
Concen: 6.954 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.002 min
Lab File: VN068934.D
Acq: 14 Oct 2021 19:12

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion:	128	Resp:	37568
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.5	15.7
129	10.9	8.9	13.3



#96
1,2,3-Trichlorobenzene
Concen: 2.526 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. -0.002 min
Lab File: VN068934.D
Acq: 14 Oct 2021 19:12

Tgt Ion:	180	Resp:	51
Ion Ratio	Lower	Upper	
180	100		
182	1656.9	48.1	144.3#
145	0.0	17.4	52.2#

