

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101921\
 Data File : VN069044.D
 Acq On : 20 Oct 2021 00:06
 Operator : JC/MD
 Sample : VN1019WBL02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 20 05:51:42 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)

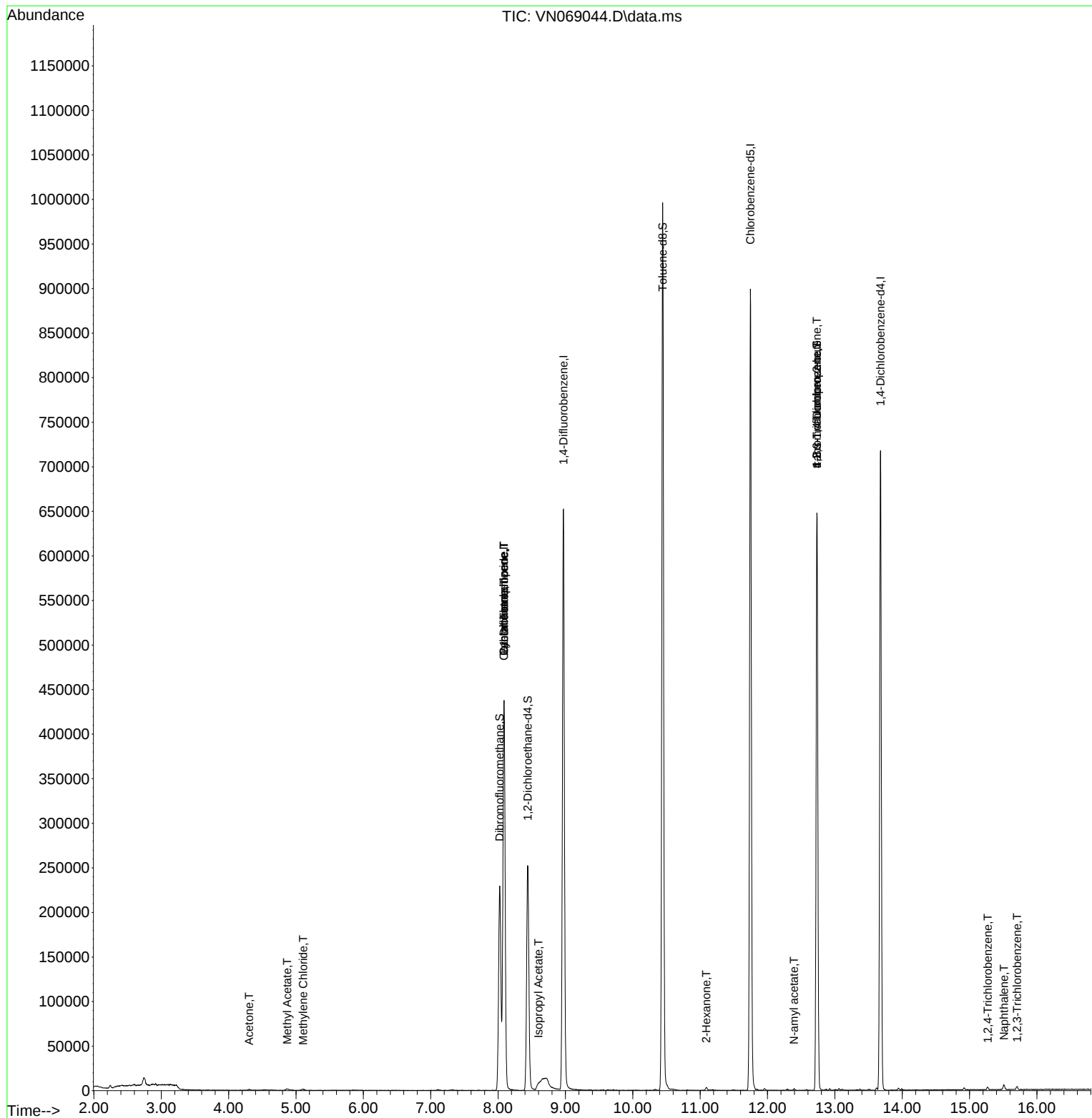
Internal Standards						
1) Pentafluorobenzene	8.088	168	331120	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	581280	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	528378	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	190964	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	215622	49.390	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	98.780%		
35) Dibromofluoromethane	8.024	113	170337	50.367	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	100.740%		
50) Toluene-d8	10.443	98	714202	52.780	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	105.560%		
62) 4-Bromofluorobenzene	12.734	95	241049	47.215	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	94.420%		
Target Compounds					Qvalue	
16) Acetone	4.304	43	829	0.509	ug/l	95
18) Methyl Acetate	4.870	43	3880	0.628	ug/l #	69
20) Methylene Chloride	5.106	84	1102	0.294	ug/l #	81
31) Cyclohexane	8.088	56	7544	1.111	ug/l #	1
36) 1,1-Dichloropropene	8.088	75	26964	5.431	ug/l #	49
38) Carbon Tetrachloride	8.086	117	34725	6.368	ug/l #	15
43) Isopropyl Acetate	8.601	43	5316	0.588	ug/l #	55
59) 2-Hexanone	11.089	43	2497	0.664	ug/l	75
74) N-amyl acetate	12.393	43	1310	0.218	ug/l #	80
76) 1,2,3-Trichloropropane	12.734	75	125761	30.951	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.734	75	125761	74.050	ug/l #	12
93) 1,2,4-Trichlorobenzene	15.271	180	1316	2.990	ug/l #	87
95) Naphthalene	15.509	128	6598	4.499	ug/l #	88
96) 1,2,3-Trichlorobenzene	15.705	180	1539	2.993	ug/l #	56

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

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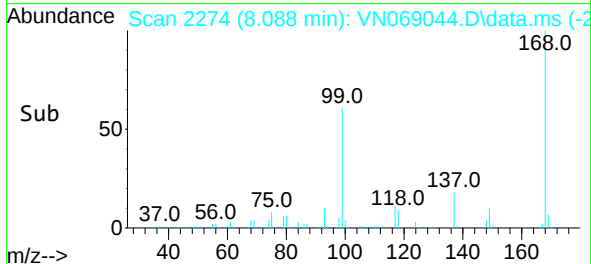
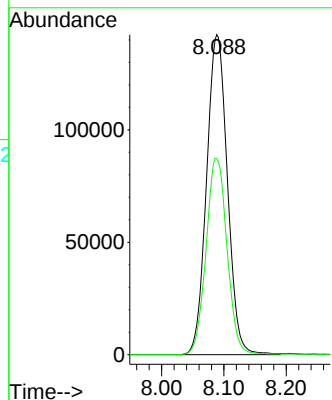
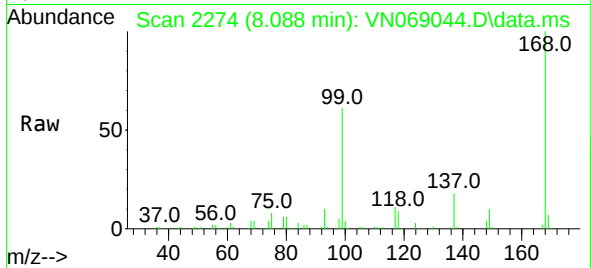




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN069044.D
Acq: 20 Oct 2021 00:06

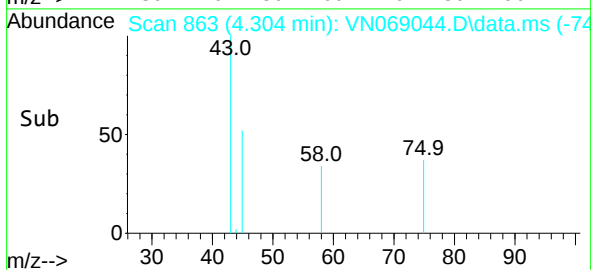
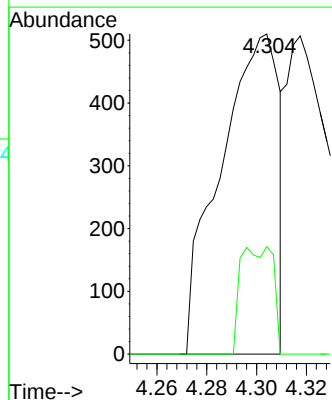
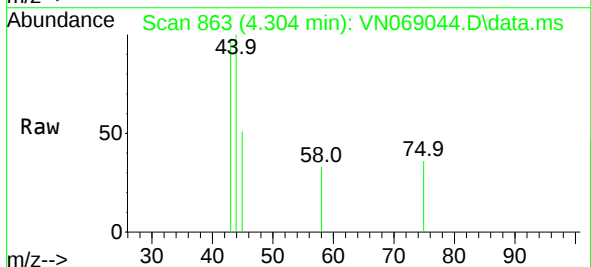
Instrument :
MSVOA_N
ClientSampled :

Tgt Ion:168 Resp: 331120
Ion Ratio Lower Upper
168 100
99 61.4 48.9 73.3



#16
Acetone
Concen: 0.509 ug/l
RT: 4.304 min Scan# 863
Delta R.T. 0.019 min
Lab File: VN069044.D
Acq: 20 Oct 2021 00:06

Tgt Ion: 43 Resp: 829
Ion Ratio Lower Upper
43 100
58 33.5 24.5 36.7

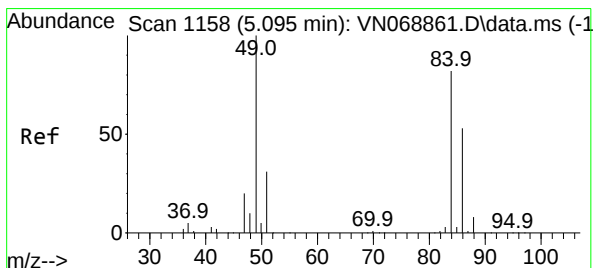
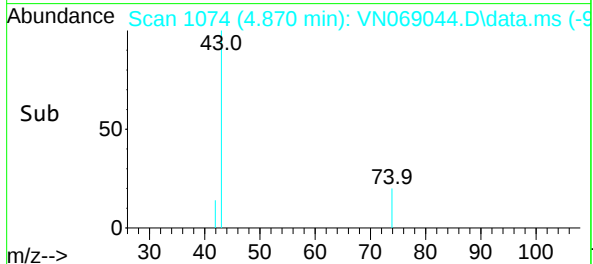
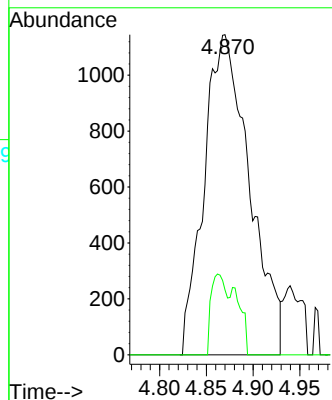
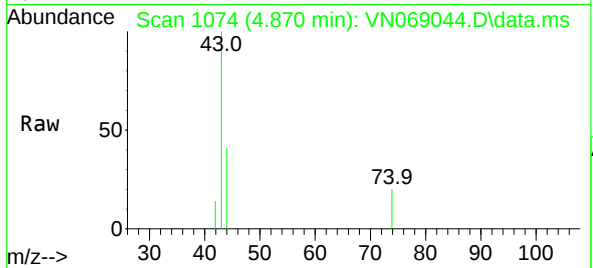




#18
Methyl Acetate
Concen: 0.628 ug/l
RT: 4.870 min Scan# 1074
Delta R.T. 0.016 min
Lab File: VN069044.D
Acq: 20 Oct 2021 00:06

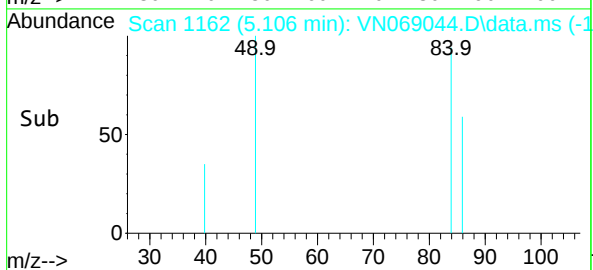
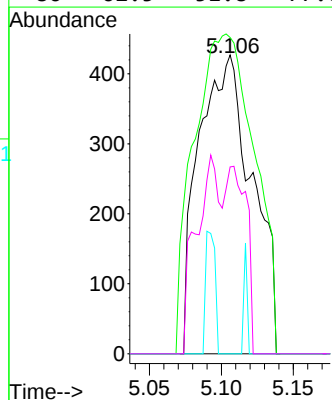
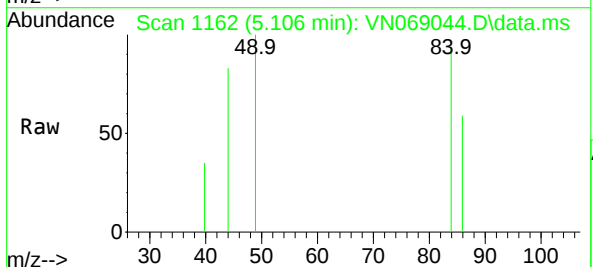
Instrument :
MSVOA_N
ClientSampled :

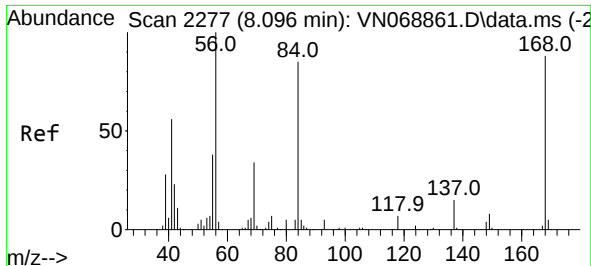
Tgt Ion: 43 Resp: 3880
Ion Ratio Lower Upper
43 100
74 8.3 18.9 28.3#



#20
Methylene Chloride
Concen: 0.294 ug/l
RT: 5.106 min Scan# 1162
Delta R.T. 0.011 min
Lab File: VN069044.D
Acq: 20 Oct 2021 00:06

Tgt Ion: 84 Resp: 1102
Ion Ratio Lower Upper
84 100
49 105.9 97.6 146.4
51 0.0 30.3 45.5#
86 62.5 51.8 77.6

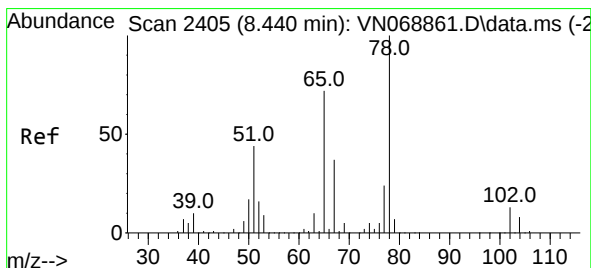
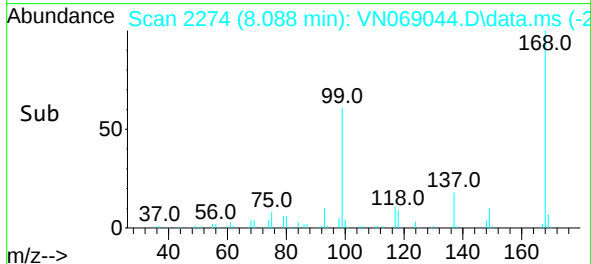
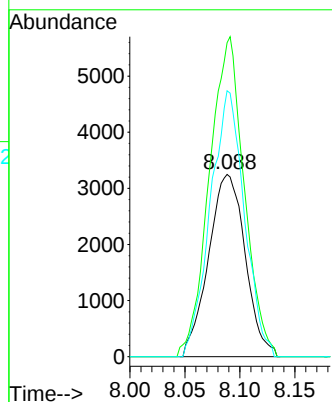
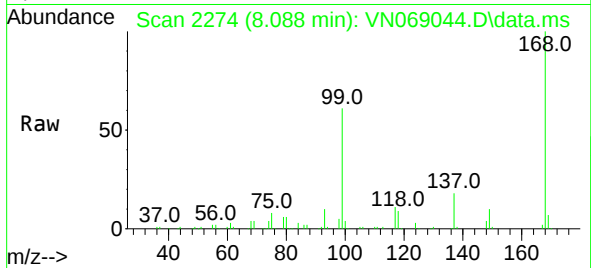




#31
Cyclohexane
Concen: 1.111 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.008 min
Lab File: VN069044.D
Acq: 20 Oct 2021 00:06

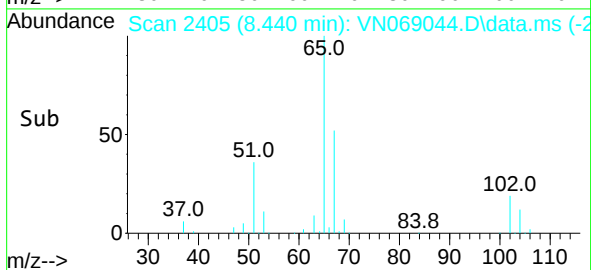
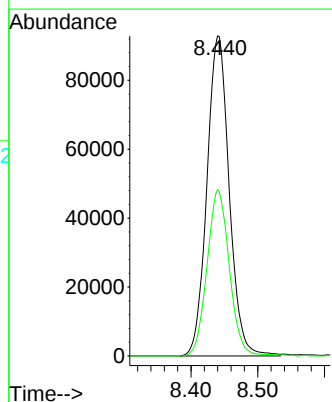
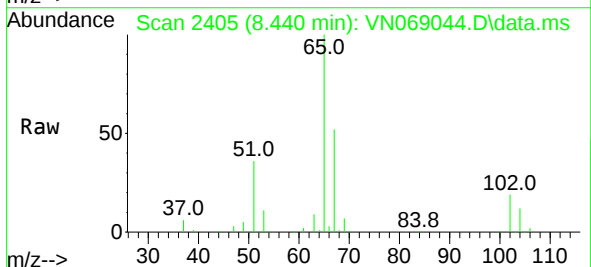
Instrument :
MSVOA_N
ClientSampled :

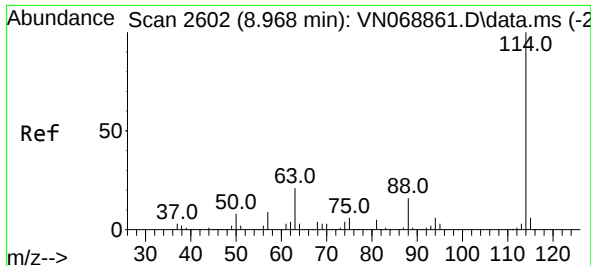
Tgt Ion: 56 Resp: 7544
Ion Ratio Lower Upper
56 100
69 172.3 26.9 40.3#
84 145.9 67.6 101.4#



#33
1,2-Dichloroethane-d4
Concen: 49.390 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.000 min
Lab File: VN069044.D
Acq: 20 Oct 2021 00:06

Tgt Ion: 65 Resp: 215622
Ion Ratio Lower Upper
65 100
67 51.9 0.0 103.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.971 min Scan# 2603

Delta R.T. 0.003 min

Lab File: VN069044.D

Acq: 20 Oct 2021 00:06

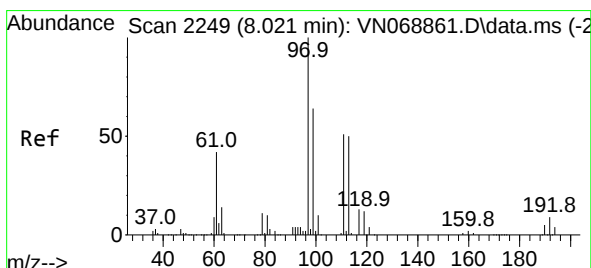
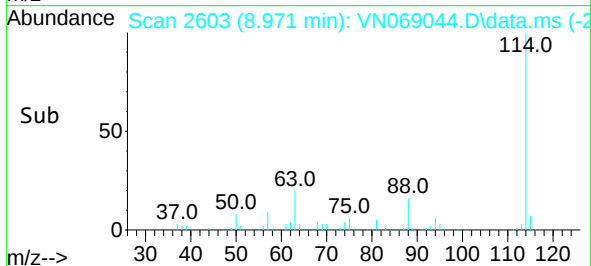
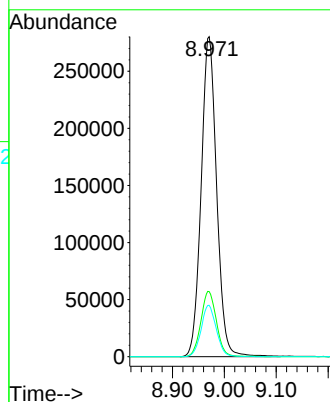
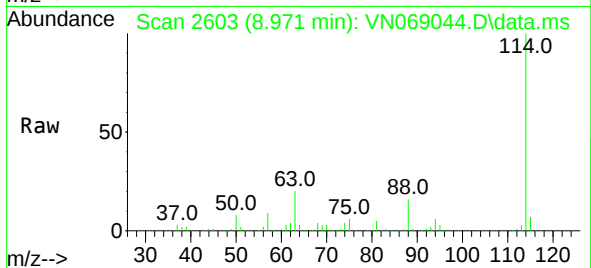
Tgt Ion:114 Resp: 581280

Ion Ratio Lower Upper

114 100

63 20.3 0.0 42.6

88 16.1 0.0 32.0



#35

Dibromofluoromethane

Concen: 50.367 ug/l

RT: 8.024 min Scan# 2250

Delta R.T. 0.003 min

Lab File: VN069044.D

Acq: 20 Oct 2021 00:06

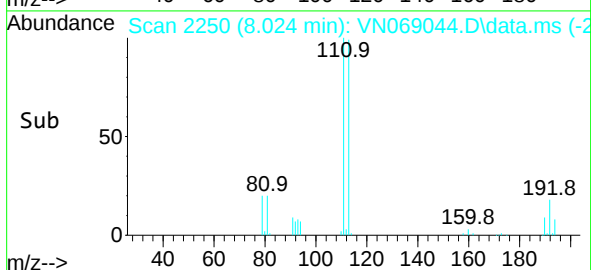
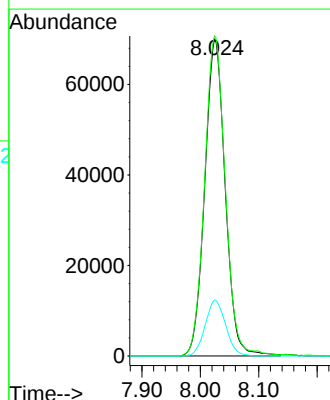
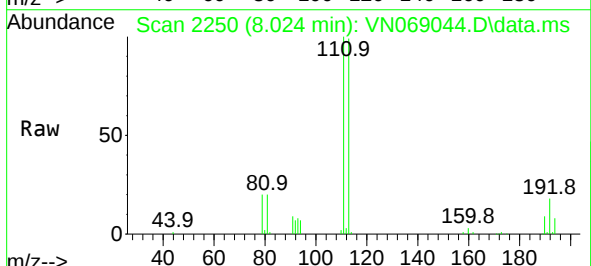
Tgt Ion:113 Resp: 170337

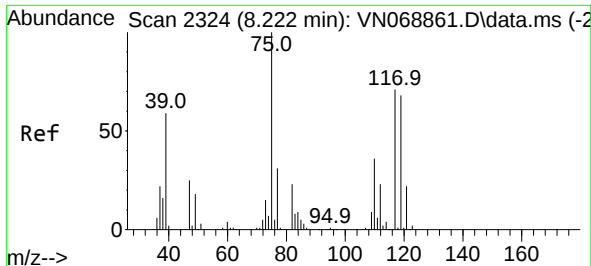
Ion Ratio Lower Upper

113 100

111 102.6 83.2 124.8

192 17.6 15.0 22.4

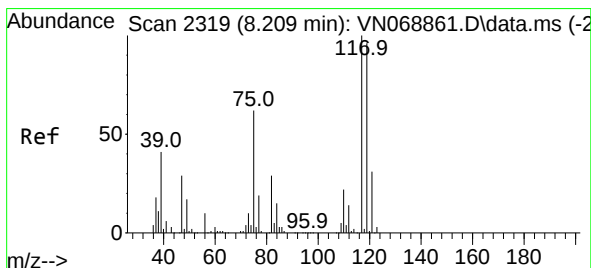
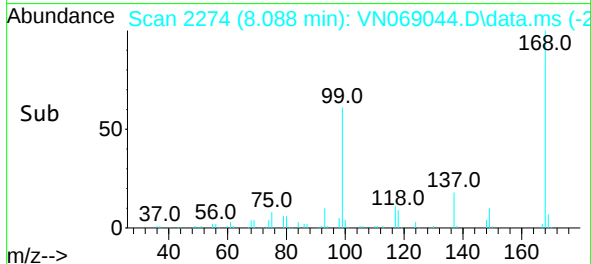
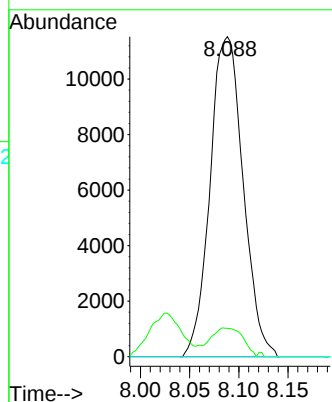
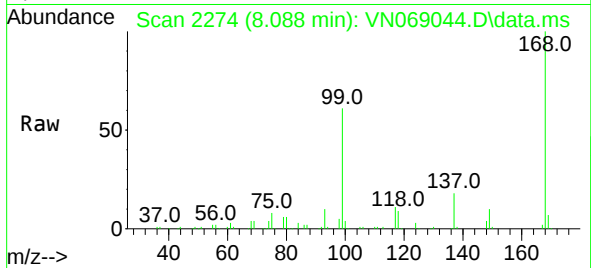




#36
1,1-Dichloropropene
Concen: 5.431 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.134 min
Lab File: VN069044.D
Acq: 20 Oct 2021 00:06

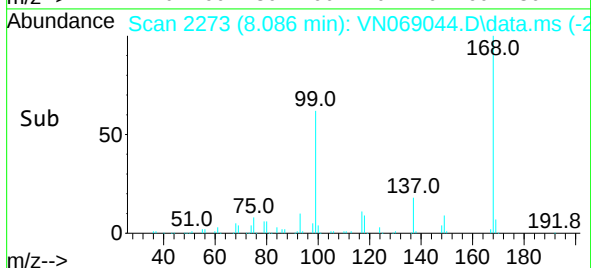
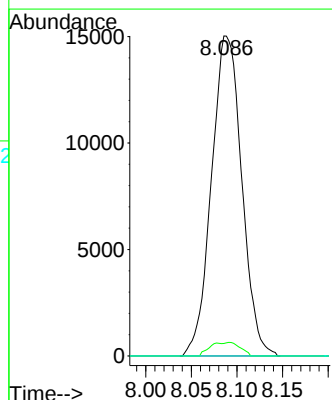
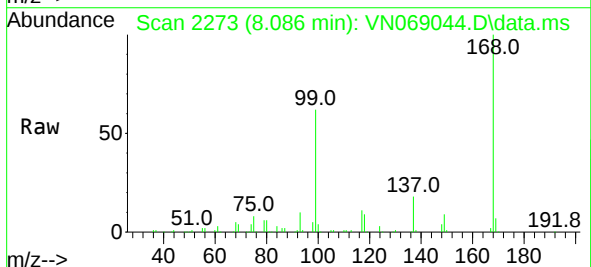
Instrument :
MSVOA_N
ClientSampled :

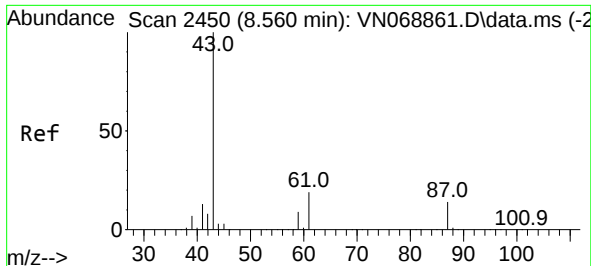
Tgt Ion: 75 Resp: 26964
Ion Ratio Lower Upper
75 100
110 8.7 17.9 53.8#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.368 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.123 min
Lab File: VN069044.D
Acq: 20 Oct 2021 00:06

Tgt Ion: 117 Resp: 34725
Ion Ratio Lower Upper
117 100
119 3.9 76.9 115.3#
121 0.0 24.6 37.0#

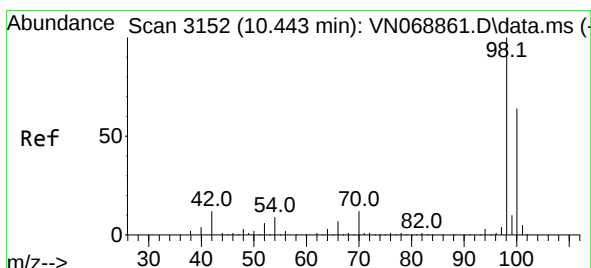
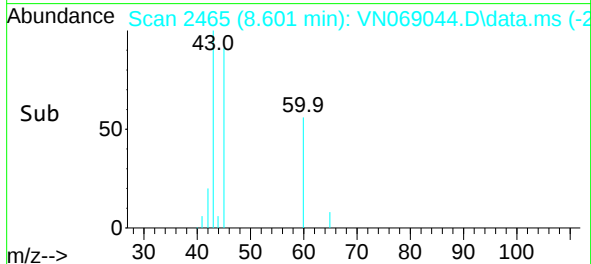
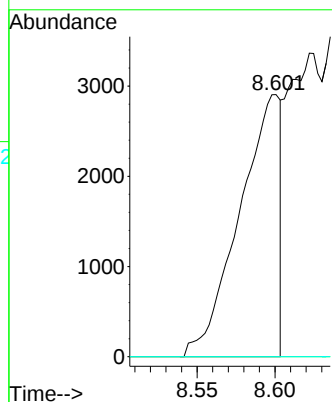
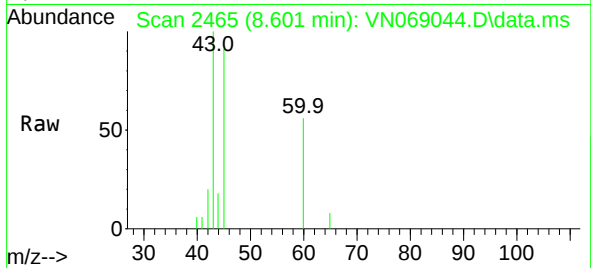




#43
Isopropyl Acetate
Concen: 0.588 ug/l
RT: 8.601 min Scan# 2465
Delta R.T. 0.040 min
Lab File: VN069044.D
Acq: 20 Oct 2021 00:06

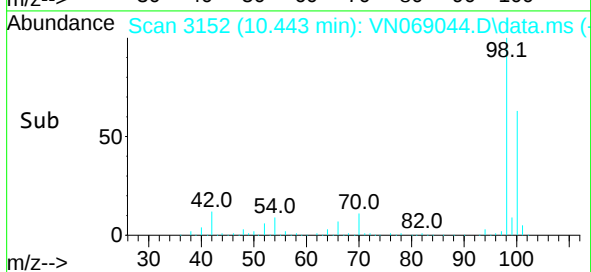
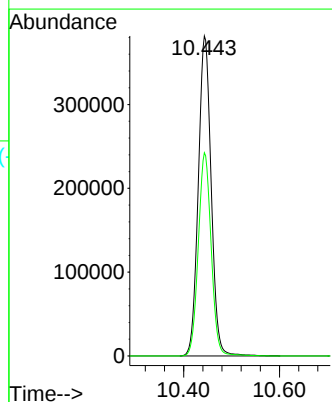
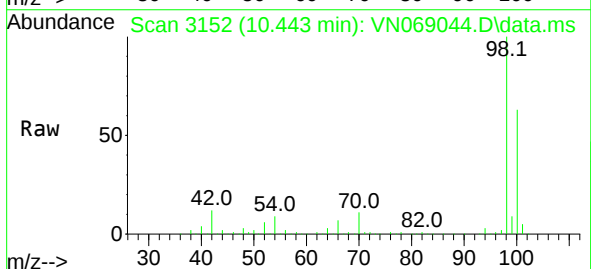
Instrument :
MSVOA_N
ClientSampled :

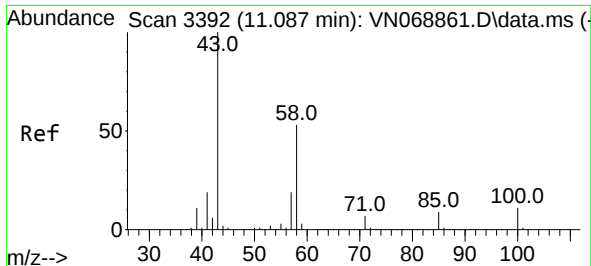
Tgt Ion: 43 Resp: 5316
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 10.7 16.1#



#50
Toluene-d8
Concen: 52.780 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN069044.D
Acq: 20 Oct 2021 00:06

Tgt Ion: 98 Resp: 714202
Ion Ratio Lower Upper
98 100
100 63.5 51.5 77.3

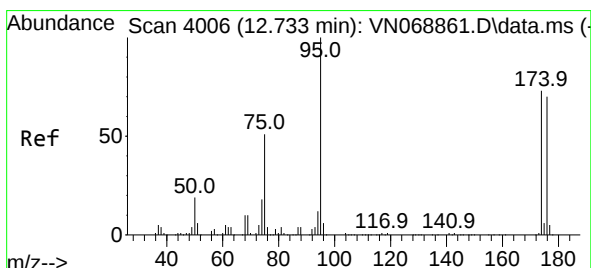
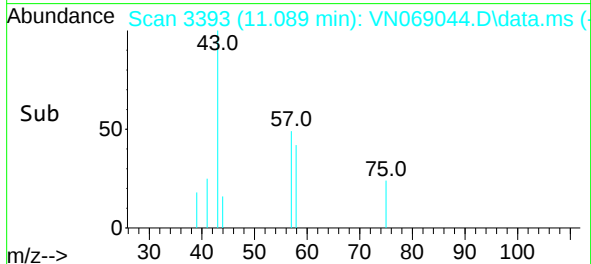
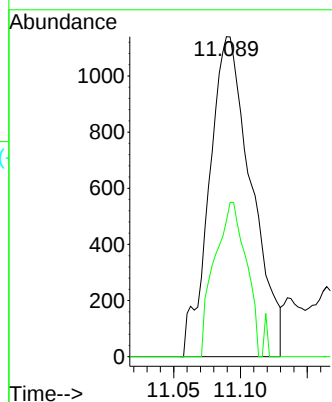
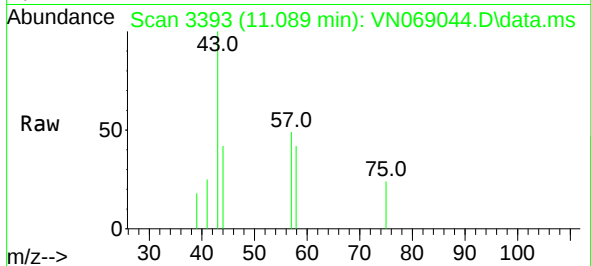




#59
2-Hexanone
Concen: 0.664 ug/l
RT: 11.089 min Scan# 3393
Delta R.T. 0.003 min
Lab File: VN069044.D
Acq: 20 Oct 2021 00:06

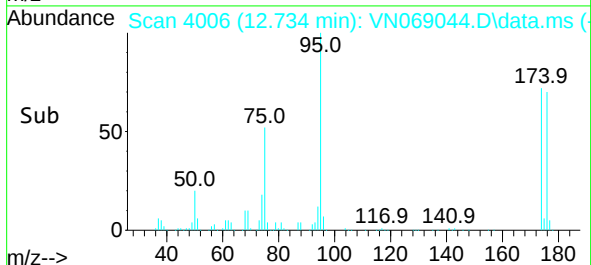
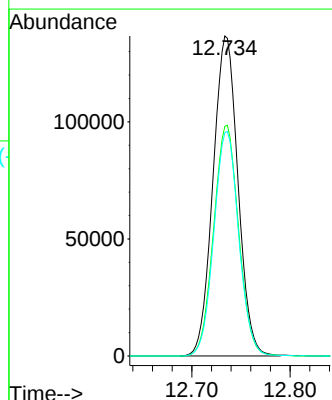
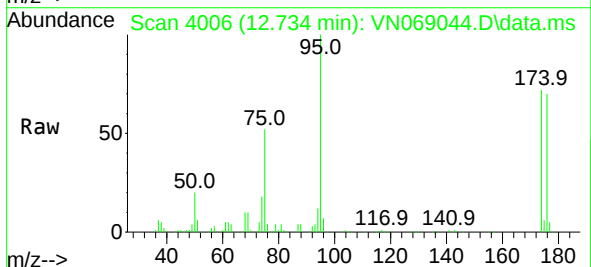
Instrument :
MSVOA_N
ClientSampled :

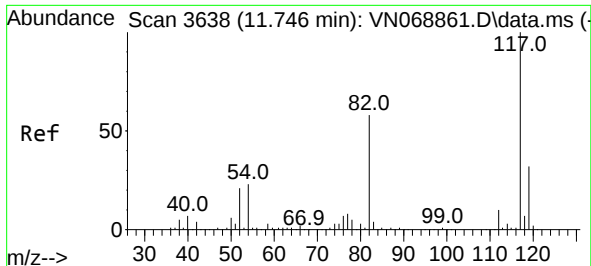
Tgt Ion: 43 Resp: 2497
Ion Ratio Lower Upper
43 100
58 36.1 26.9 80.7



#62
4-Bromofluorobenzene
Concen: 47.215 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN069044.D
Acq: 20 Oct 2021 00:06

Tgt Ion: 95 Resp: 241049
Ion Ratio Lower Upper
95 100
174 72.2 0.0 144.8
176 69.7 0.0 140.0

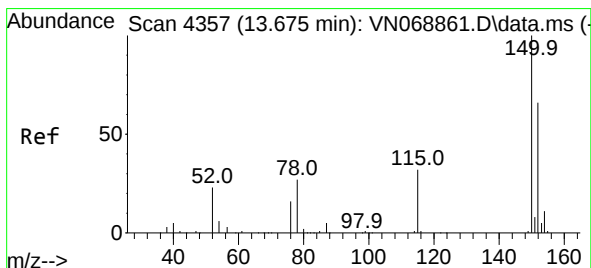
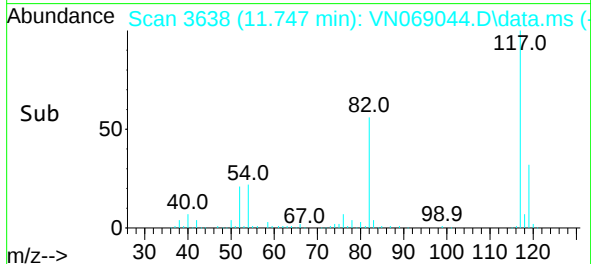
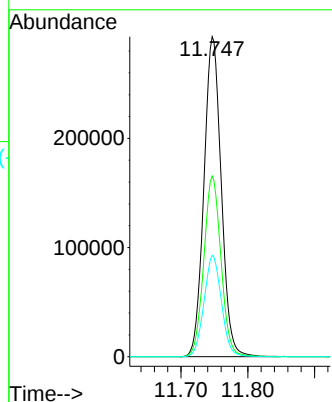
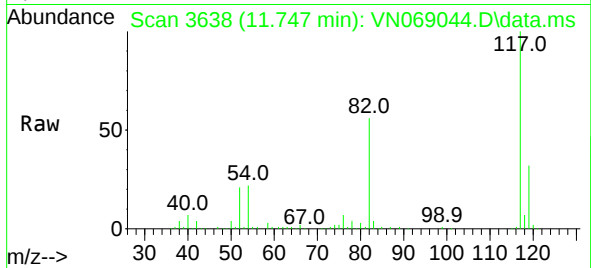




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN069044.D
Acq: 20 Oct 2021 00:06

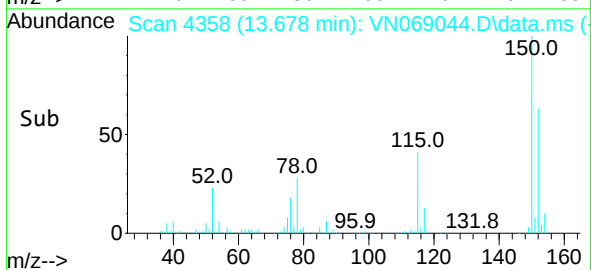
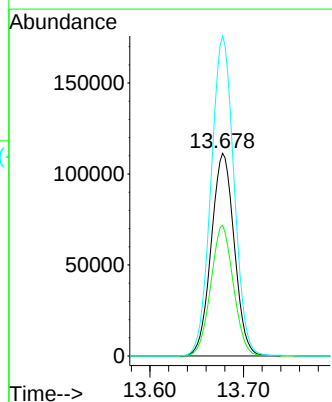
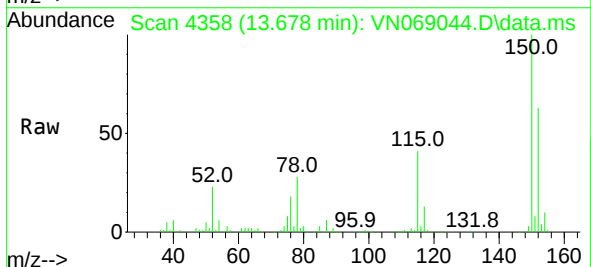
Instrument :
MSVOA_N
ClientSampleId :

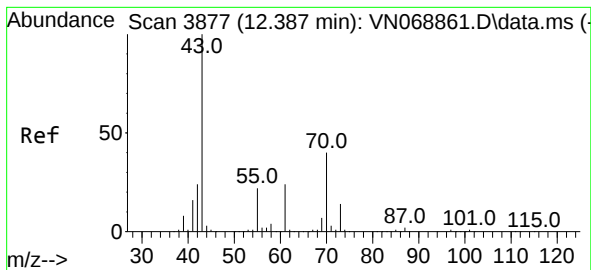
Tgt Ion:117 Resp: 528378
Ion Ratio Lower Upper
117 100
82 56.4 46.4 69.6
119 31.6 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN069044.D
Acq: 20 Oct 2021 00:06

Tgt Ion:152 Resp: 190964
Ion Ratio Lower Upper
152 100
115 63.1 31.4 94.3
150 157.3 0.0 351.0

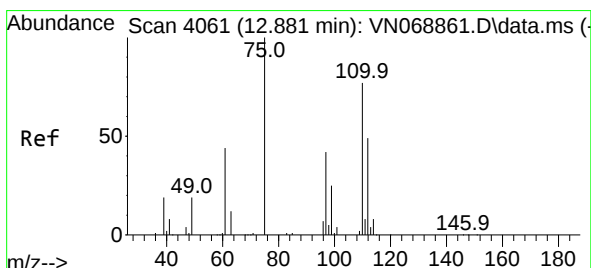
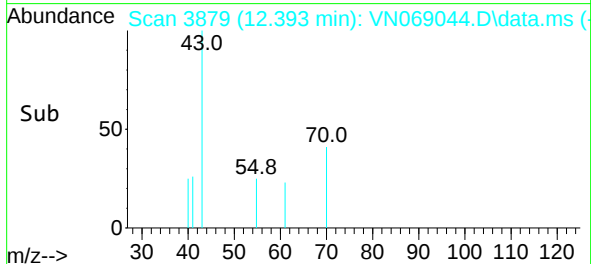
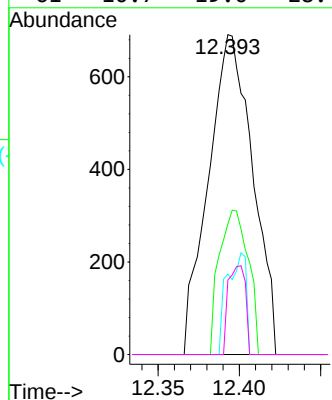
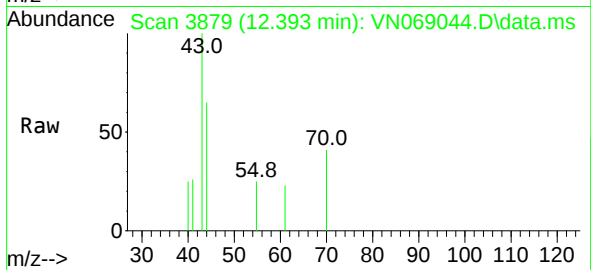




#74
N-amy1 acetate
Concen: 0.218 ug/l
RT: 12.393 min Scan# 3879
Delta R.T. 0.005 min
Lab File: VN069044.D
Acq: 20 Oct 2021 00:06

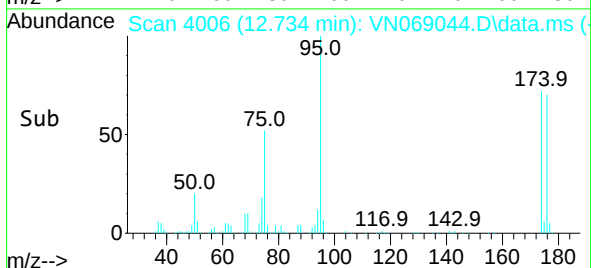
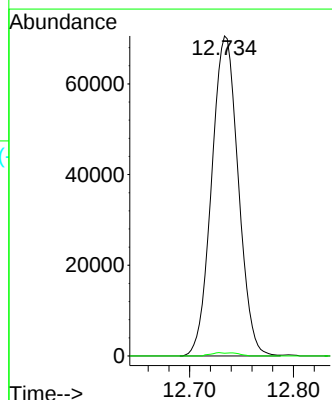
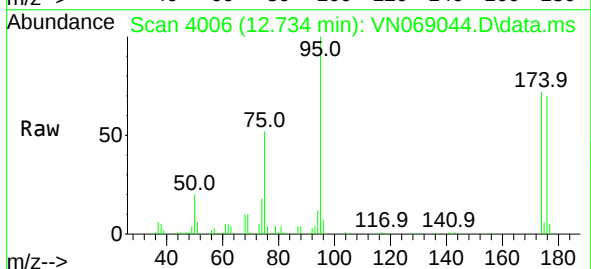
Instrument :
MSVOA_N
ClientSampled :

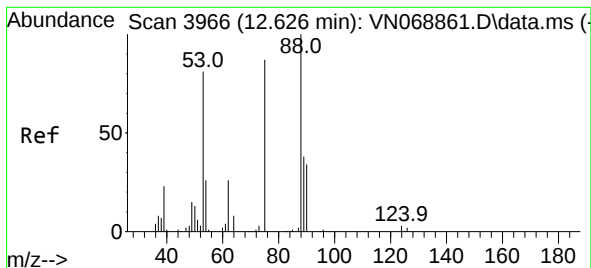
Tgt Ion:	43	Resp:	1310
Ion	Ratio	Lower	Upper
43	100		
70	29.4	32.2	48.2#
55	13.7	18.0	27.0#
61	10.7	19.0	28.4#



#76
1,2,3-Trichloropropane
Concen: 30.951 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. -0.147 min
Lab File: VN069044.D
Acq: 20 Oct 2021 00:06

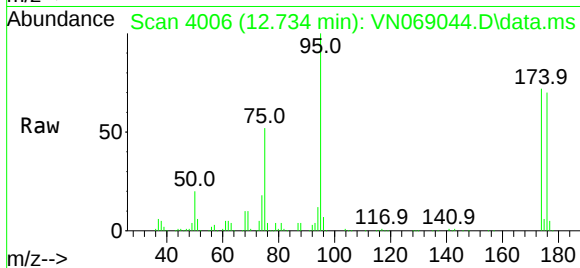
Tgt Ion:	75	Resp:	125761
Ion	Ratio	Lower	Upper
75	100		
77	0.5	96.2	288.4#



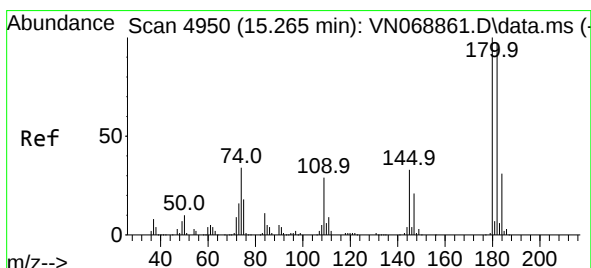
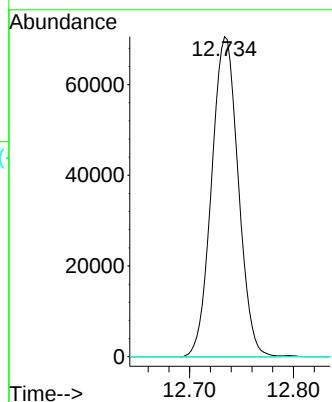
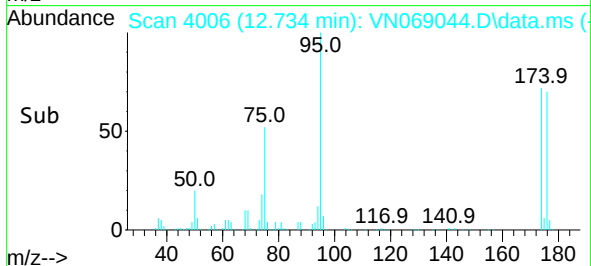


#81
 trans-1,4-Dichloro-2-butene
 Concen: 74.050 ug/l
 RT: 12.734 min Scan# 4006
 Delta R.T. 0.107 min
 Lab File: VN069044.D
 Acq: 20 Oct 2021 00:06

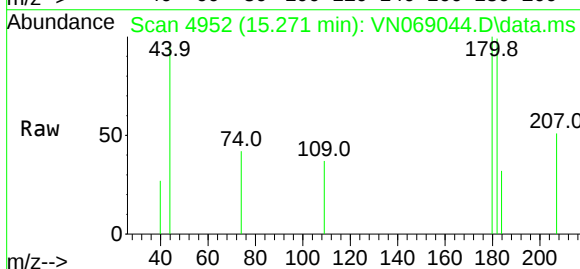
Instrument :
 MSVOA_N
 ClientSampled :



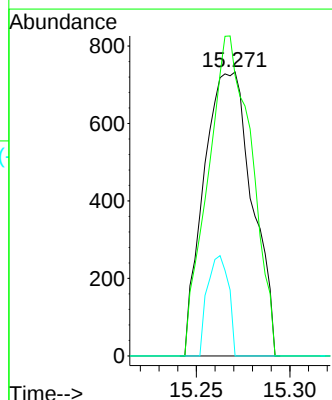
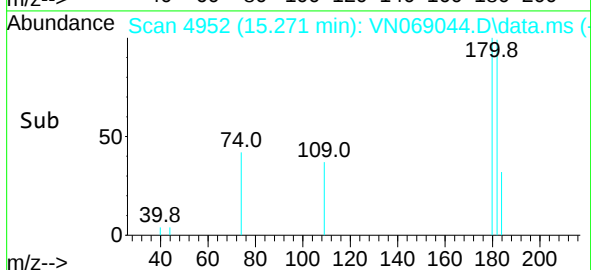
Tgt Ion: 75 Resp: 125761
 Ion Ratio Lower Upper
 75 100
 53 0.0 75.4 113.2#
 89 0.0 36.9 55.3#

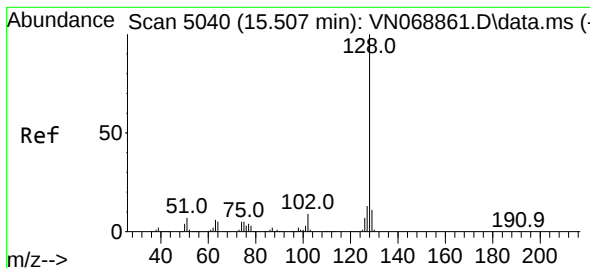


#93
 1,2,4-Trichlorobenzene
 Concen: 2.990 ug/l
 RT: 15.271 min Scan# 4952
 Delta R.T. 0.006 min
 Lab File: VN069044.D
 Acq: 20 Oct 2021 00:06



Tgt Ion: 180 Resp: 1316
 Ion Ratio Lower Upper
 180 100
 182 102.3 47.9 143.7
 145 15.3 16.4 49.2#

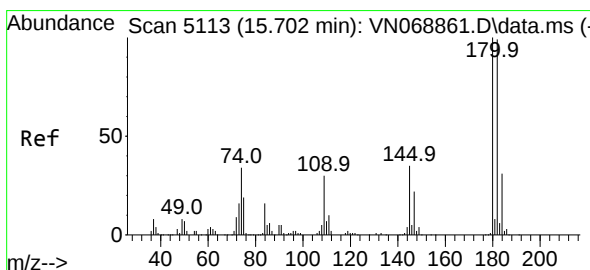
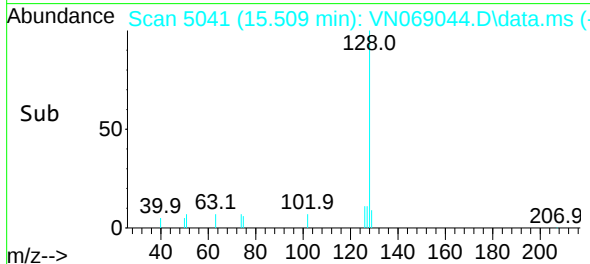
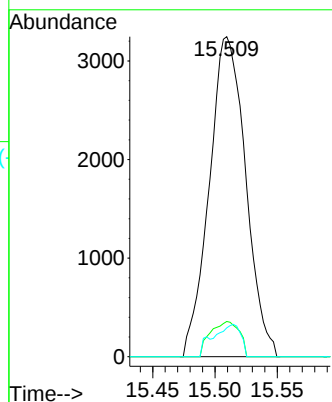
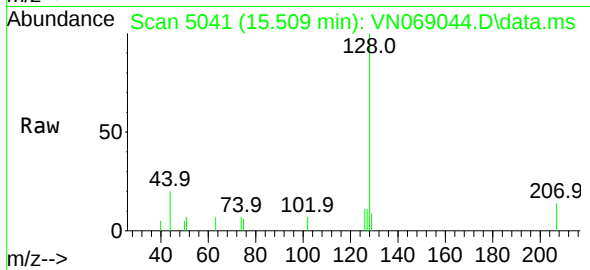




#95
Naphthalene
Concen: 4.499 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.002 min
Lab File: VN069044.D
Acq: 20 Oct 2021 00:06

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion:128 Resp: 6598
Ion Ratio Lower Upper
128 100
127 8.8 10.5 15.7#
129 5.8 8.9 13.3#



#96
1,2,3-Trichlorobenzene
Concen: 2.993 ug/l
RT: 15.705 min Scan# 5114
Delta R.T. 0.003 min
Lab File: VN069044.D
Acq: 20 Oct 2021 00:06

Tgt Ion:180 Resp: 1539
Ion Ratio Lower Upper
180 100
182 46.3 48.1 144.3#
145 20.3 17.4 52.2

