

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102121\
 Data File : VN069092.D
 Acq On : 21 Oct 2021 16:53
 Operator : JC/MD
 Sample : M4284-10 200X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 22 01:34:02 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)

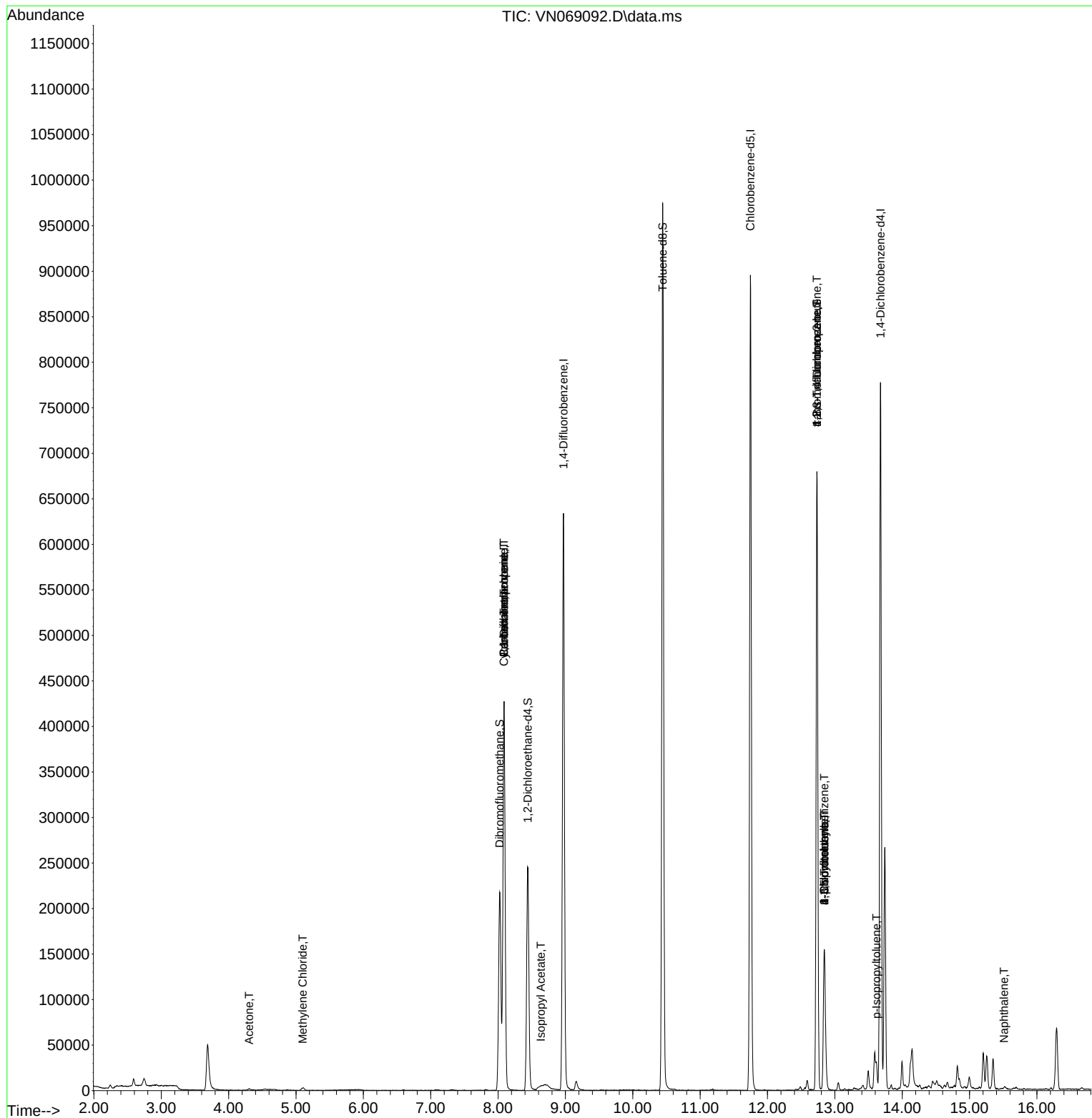
Internal Standards						
1) Pentafluorobenzene	8.088	168	313832	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	558695	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	526204	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	203679	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	208347	50.353	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	= 100.700%		
35) Dibromofluoromethane	8.024	113	162760	50.072	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	= 100.140%		
50) Toluene-d8	10.443	98	700311	53.846	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	= 107.700%		
62) 4-Bromofluorobenzene	12.733	95	250804	51.112	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	= 102.220%		
Target Compounds						
						Qvalue
16) Acetone	4.304	43	2542	1.646	ug/l #	82
20) Methylene Chloride	5.098	84	1424	0.401	ug/l #	79
31) Cyclohexane	8.086	56	7572	1.177	ug/l #	8
36) 1,1-Dichloropropene	8.088	75	26547	5.563	ug/l #	50
38) Carbon Tetrachloride	8.088	117	33085	6.313	ug/l #	16
43) Isopropyl Acetate	8.633	43	5144	0.592	ug/l #	55
76) 1,2,3-Trichloropropane	12.733	75	130444	30.100	ug/l #	1
78) n-propylbenzene	12.843	91	22054	1.158	ug/l #	53
79) 2-Chlorotoluene	12.843	91	22054	1.878	ug/l #	42
80) 1,3,5-Trimethylbenzene	12.843	105	4758	0.337	ug/l #	30
81) trans-1,4-Dichloro-2-b...	12.733	75	130444	72.012	ug/l #	12
82) 4-Chlorotoluene	12.843	91	20744	1.828	ug/l #	42
86) p-Isopropyltoluene	13.618	119	15755	1.154	ug/l	99
95) Naphthalene	15.512	128	1232	3.932	ug/l #	69

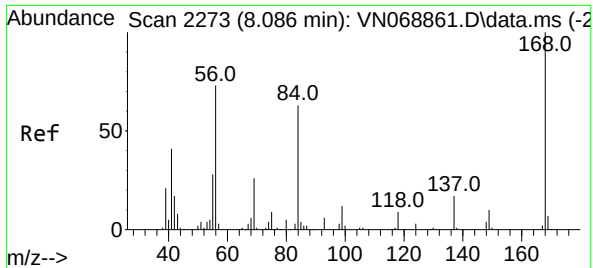
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102121\
Data File : VN069092.D
Acq On : 21 Oct 2021 16:53
Operator : JC/MD
Sample : M4284-10 200X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Oct 22 01:34:02 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

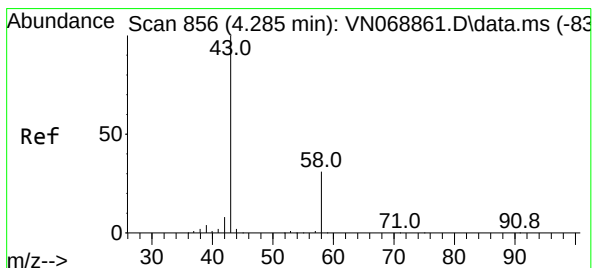
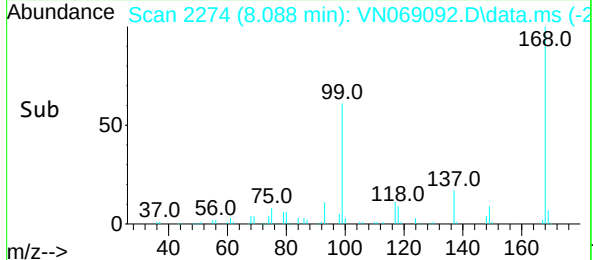
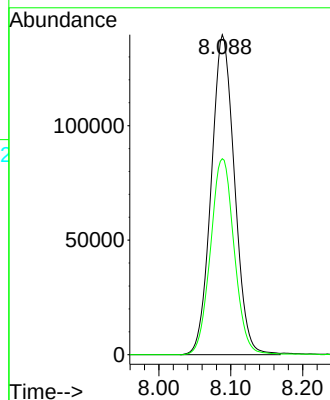
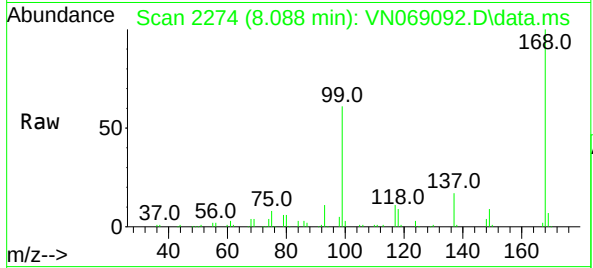




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN069092.D
Acq: 21 Oct 2021 16:53

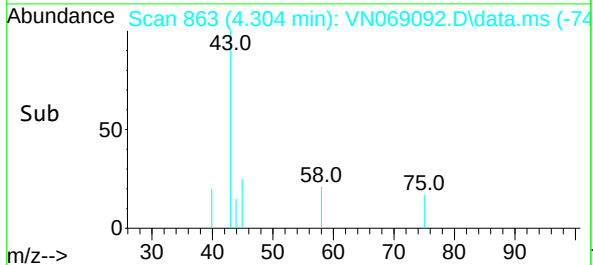
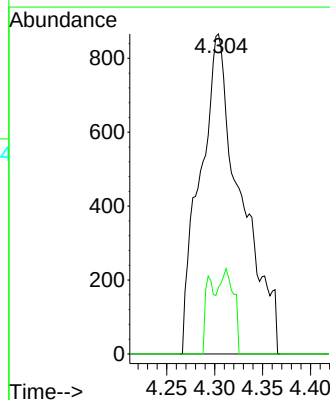
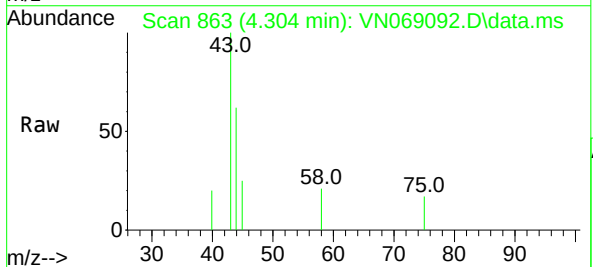
Instrument :
MSVOA_N
ClientSampled :

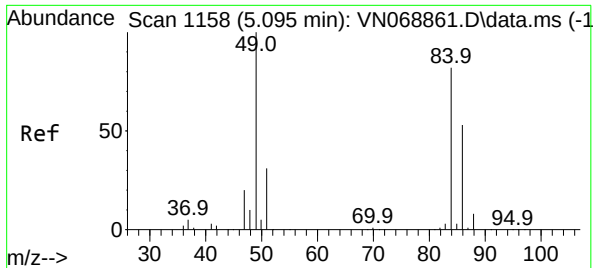
Tgt Ion:168 Resp: 313832
Ion Ratio Lower Upper
168 100
99 61.2 48.9 73.3



#16
Acetone
Concen: 1.646 ug/l
RT: 4.304 min Scan# 863
Delta R.T. 0.019 min
Lab File: VN069092.D
Acq: 21 Oct 2021 16:53

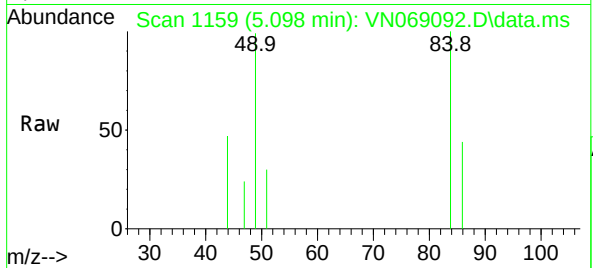
Tgt Ion: 43 Resp: 2542
Ion Ratio Lower Upper
43 100
58 20.8 24.5 36.7#



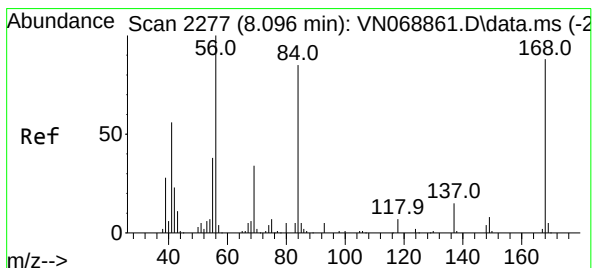
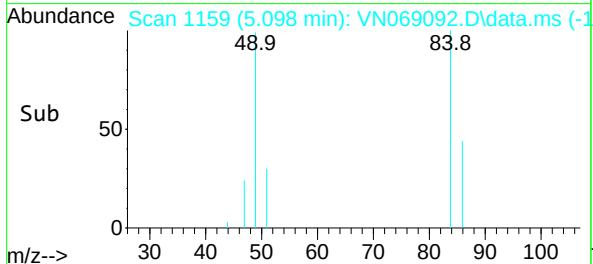
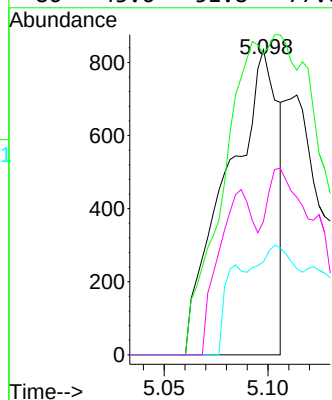


#20
Methylene Chloride
Concen: 0.401 ug/l
RT: 5.098 min Scan# 1159
Delta R.T. 0.003 min
Lab File: VN069092.D
Acq: 21 Oct 2021 16:53

Instrument :
MSVOA_N
ClientSampled :

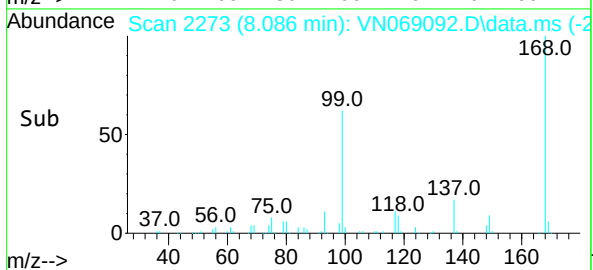
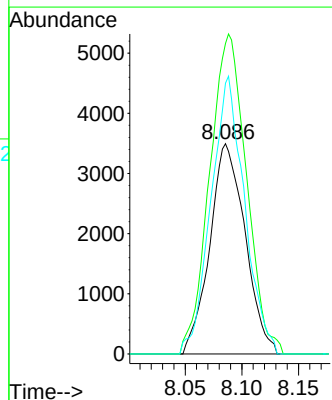
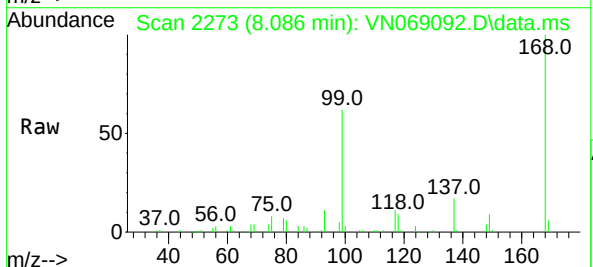


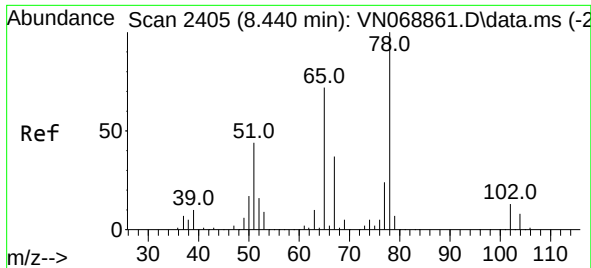
Tgt Ion:	84	Resp:	1424
Ion	Ratio	Lower	Upper
84	100		
49	98.6	97.6	146.4
51	30.4	30.3	45.5
86	43.6	51.8	77.6#



#31
Cyclohexane
Concen: 1.177 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.010 min
Lab File: VN069092.D
Acq: 21 Oct 2021 16:53

Tgt Ion:	56	Resp:	7572
Ion	Ratio	Lower	Upper
56	100		
69	147.7	26.9	40.3#
84	128.8	67.6	101.4#

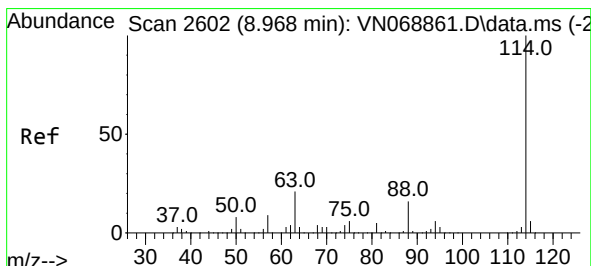
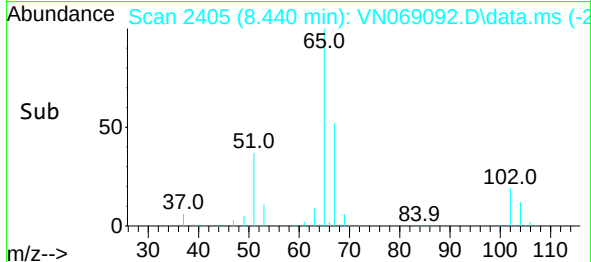
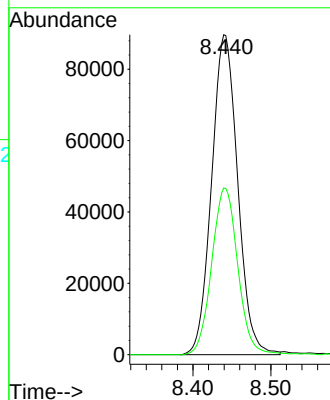
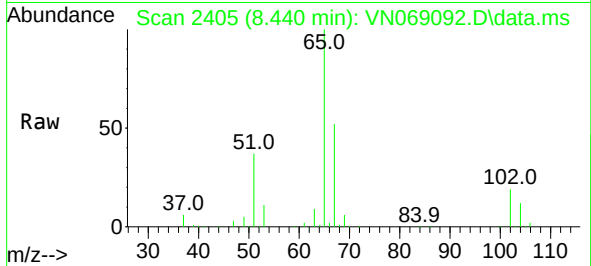




#33
 1,2-Dichloroethane-d4
 Concen: 50.353 ug/l
 RT: 8.440 min Scan# 2405
 Delta R.T. -0.000 min
 Lab File: VN069092.D
 Acq: 21 Oct 2021 16:53

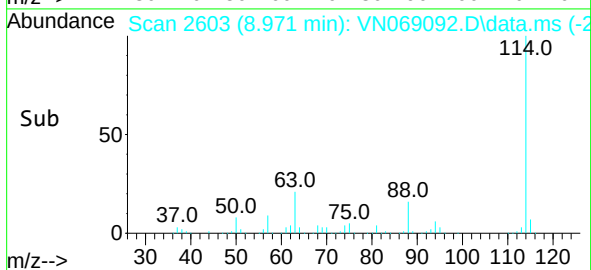
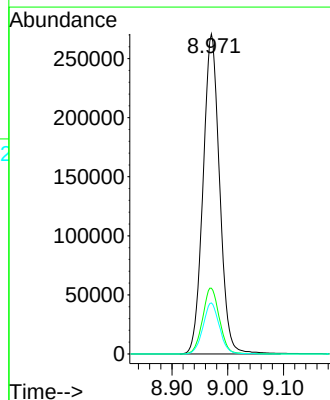
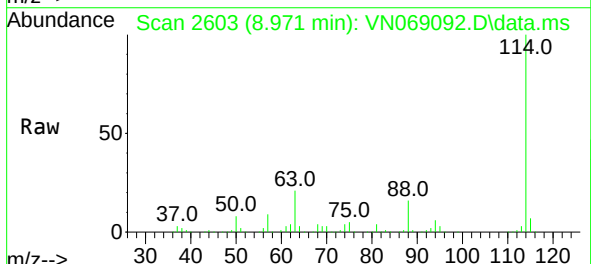
Instrument :
 MSVOA_N
 ClientSampled :

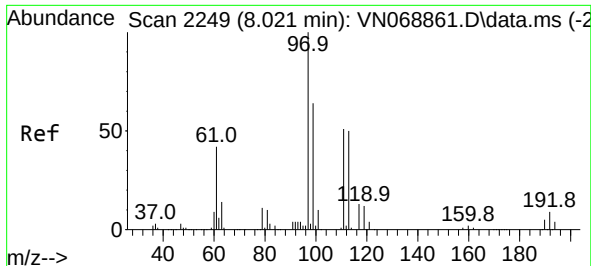
Tgt Ion: 65 Resp: 208347
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.971 min Scan# 2603
 Delta R.T. 0.003 min
 Lab File: VN069092.D
 Acq: 21 Oct 2021 16:53

Tgt Ion: 114 Resp: 558695
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 42.6
 88 15.9 0.0 32.0

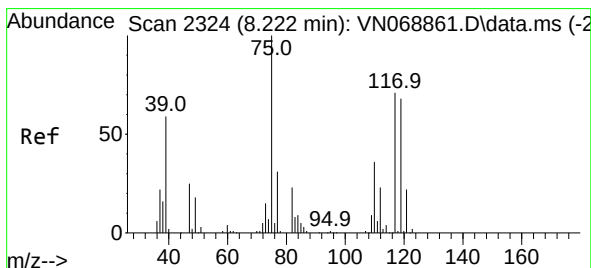
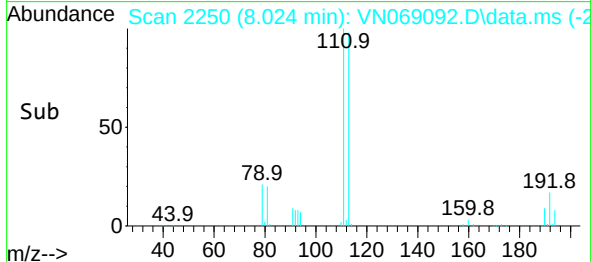
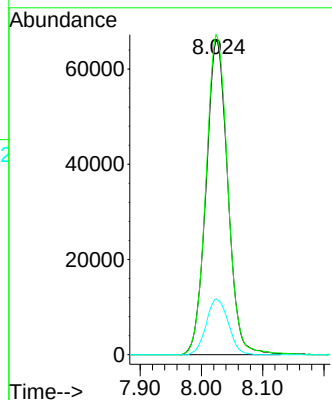
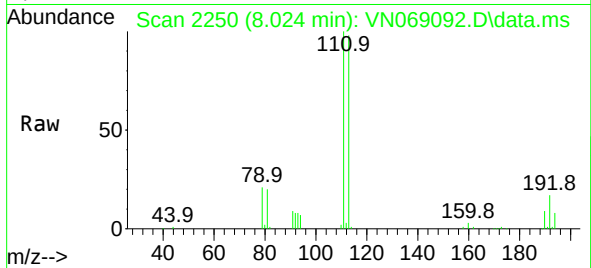




#35
Dibromofluoromethane
Concen: 50.072 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN069092.D
Acq: 21 Oct 2021 16:53

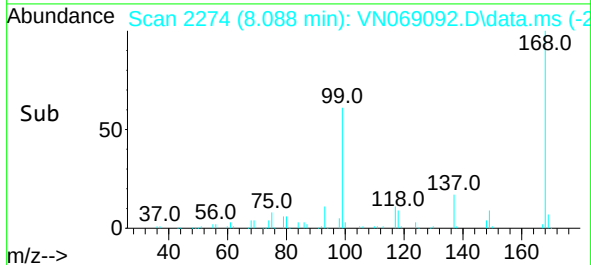
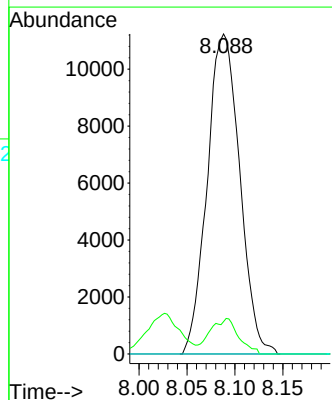
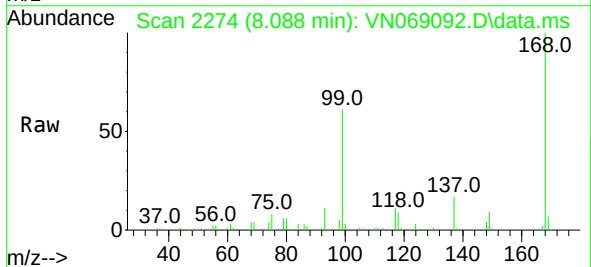
Instrument :
MSVOA_N
ClientSampled :

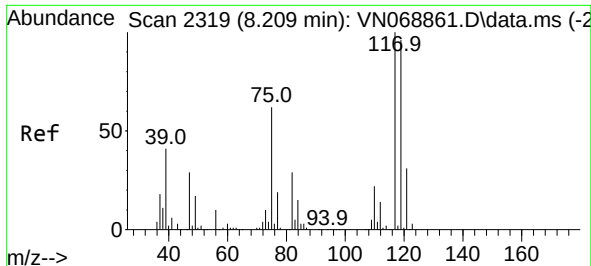
Tgt Ion:113 Resp: 162760
Ion Ratio Lower Upper
113 100
111 102.3 83.2 124.8
192 18.0 15.0 22.4



#36
1,1-Dichloropropene
Concen: 5.563 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.134 min
Lab File: VN069092.D
Acq: 21 Oct 2021 16:53

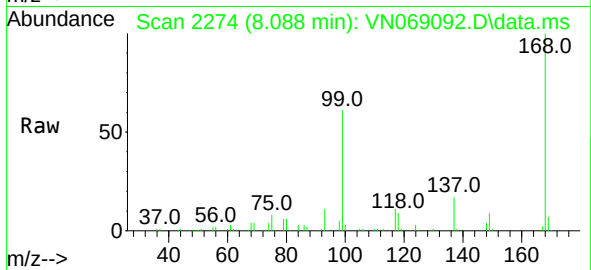
Tgt Ion: 75 Resp: 26547
Ion Ratio Lower Upper
75 100
110 9.7 17.9 53.8#
77 0.0 24.7 37.1#



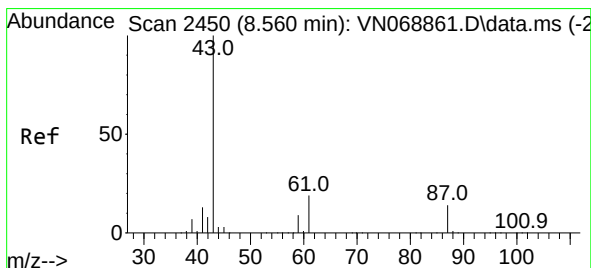
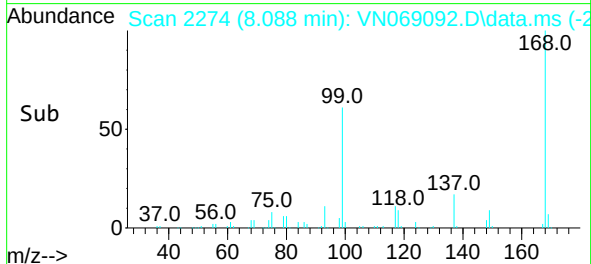
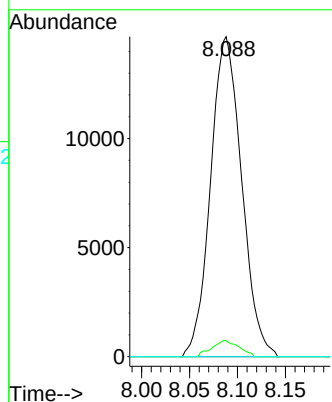


#38
Carbon Tetrachloride
Concen: 6.313 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.121 min
Lab File: VN069092.D
Acq: 21 Oct 2021 16:53

Instrument :
MSVOA_N
ClientSampled :

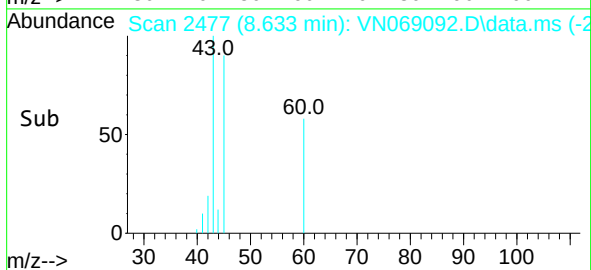
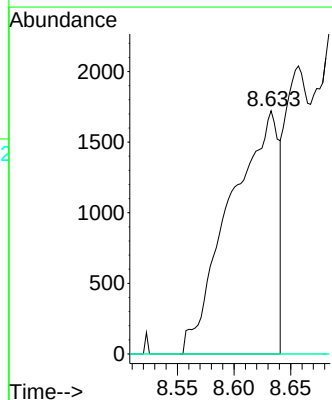
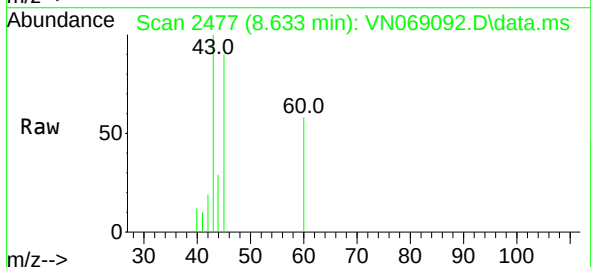


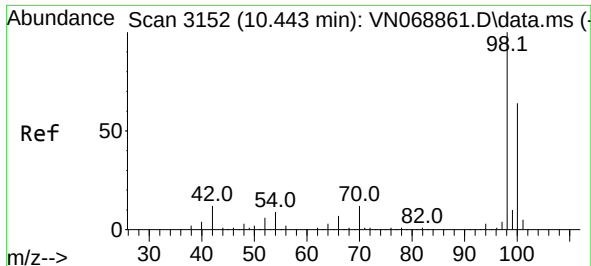
Tgt Ion:117 Resp: 33085
Ion Ratio Lower Upper
117 100
119 4.9 76.9 115.3#
121 0.0 24.6 37.0#



#43
Isopropyl Acetate
Concen: 0.592 ug/l
RT: 8.633 min Scan# 2477
Delta R.T. 0.072 min
Lab File: VN069092.D
Acq: 21 Oct 2021 16:53

Tgt Ion: 43 Resp: 5144
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 10.7 16.1#

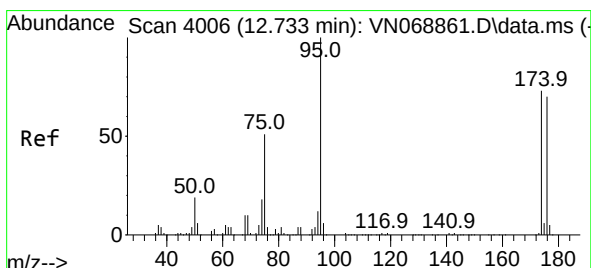
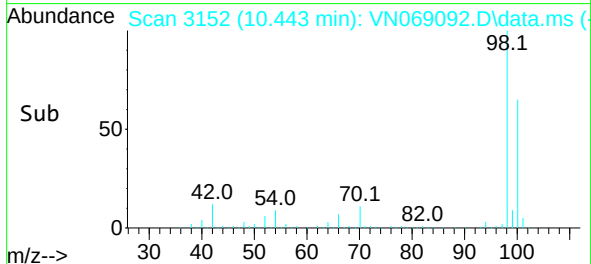
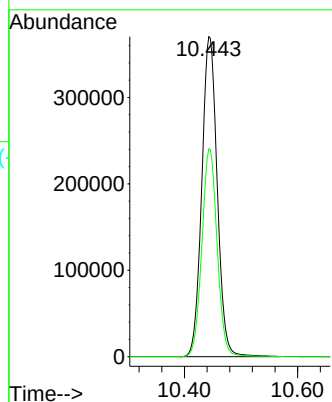
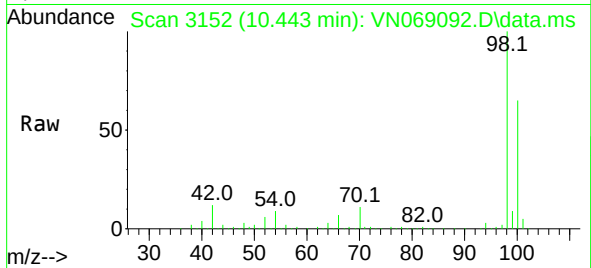




#50
Toluene-d8
Concen: 53.846 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VN069092.D
Acq: 21 Oct 2021 16:53

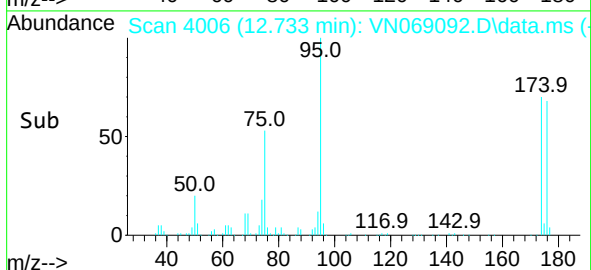
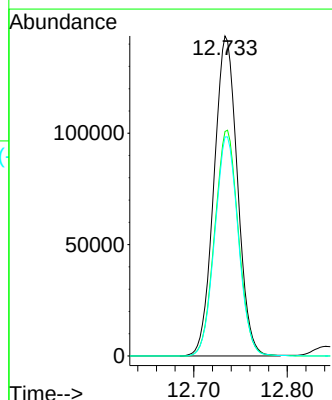
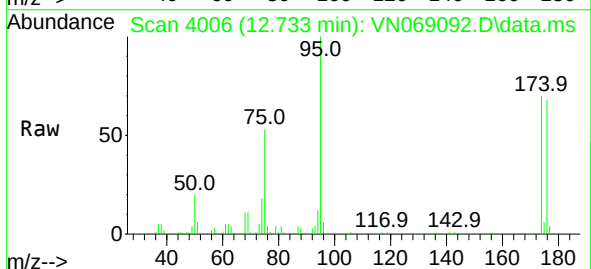
Instrument :
MSVOA_N
ClientSampled :

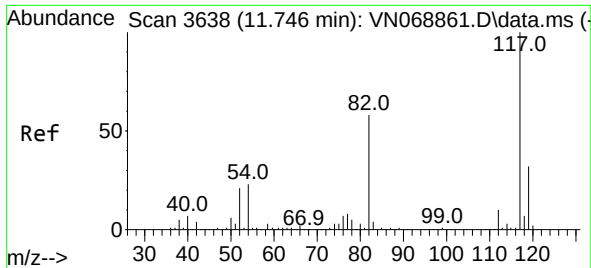
Tgt Ion: 98 Resp: 700311
Ion Ratio Lower Upper
98 100
100 64.3 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 51.112 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.000 min
Lab File: VN069092.D
Acq: 21 Oct 2021 16:53

Tgt Ion: 95 Resp: 250804
Ion Ratio Lower Upper
95 100
174 71.1 0.0 144.8
176 68.8 0.0 140.0

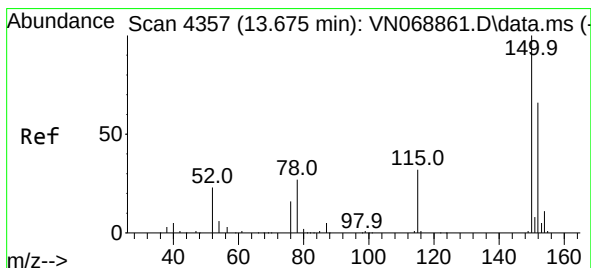
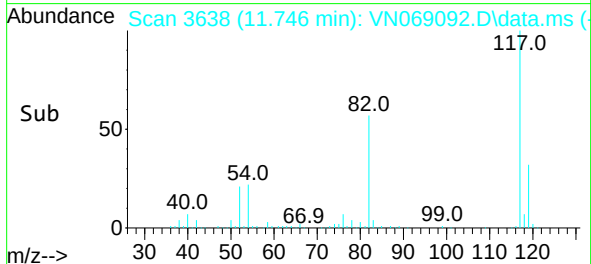
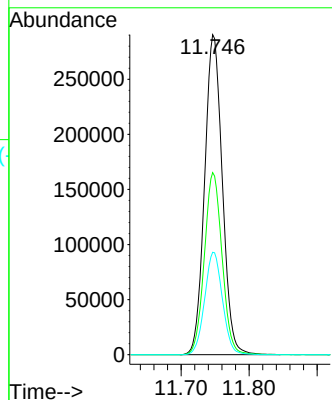
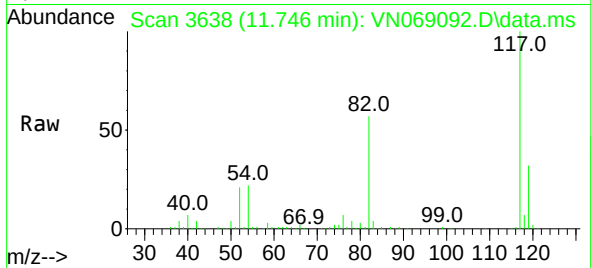




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN069092.D
Acq: 21 Oct 2021 16:53

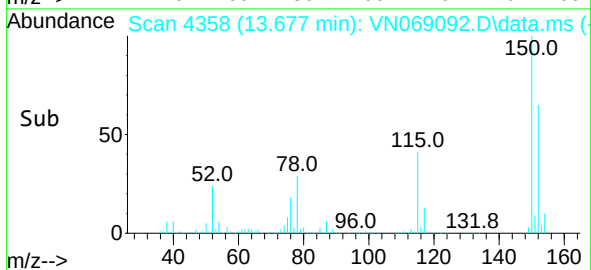
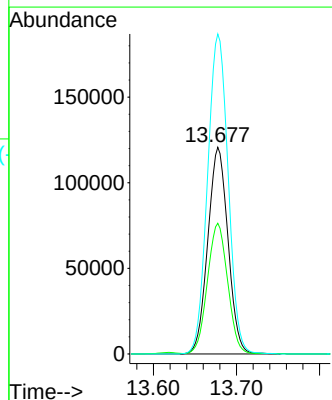
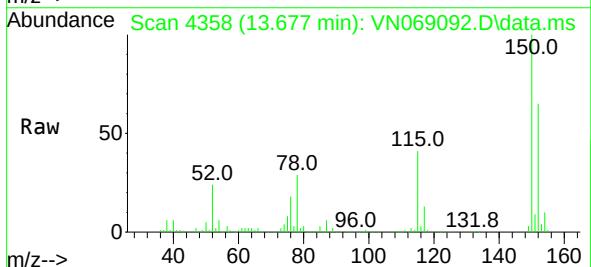
Instrument :
MSVOA_N
ClientSampled :

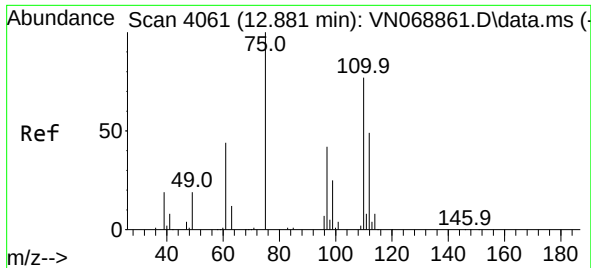
Tgt Ion:117 Resp: 526204
Ion Ratio Lower Upper
117 100
82 56.9 46.4 69.6
119 32.0 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.677 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN069092.D
Acq: 21 Oct 2021 16:53

Tgt Ion:152 Resp: 203679
Ion Ratio Lower Upper
152 100
115 62.7 31.4 94.3
150 157.6 0.0 351.0

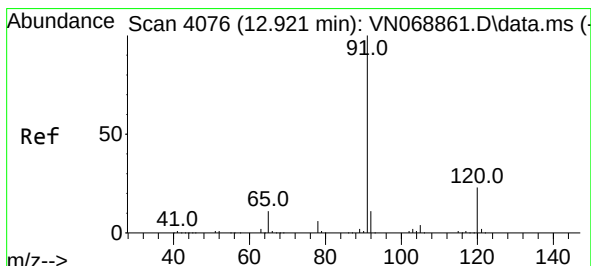
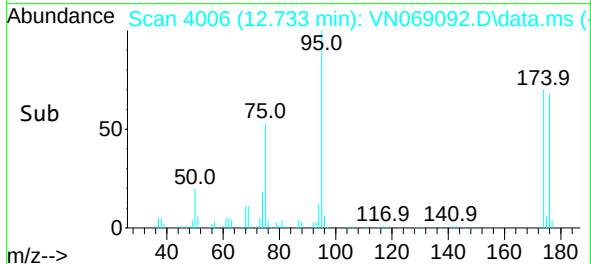
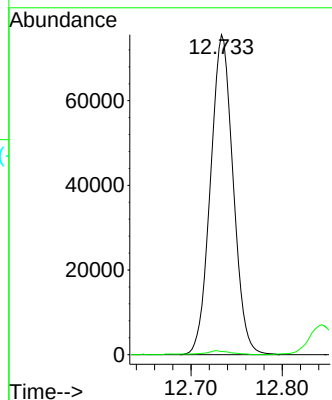
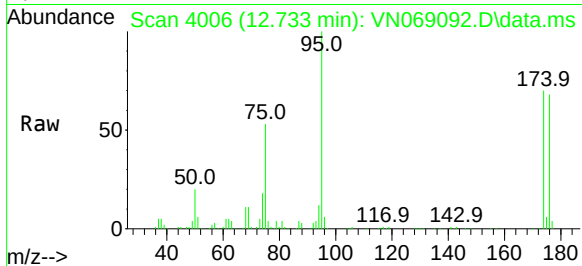




#76
1,2,3-Trichloropropane
Concen: 30.100 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.148 min
Lab File: VN069092.D
Acq: 21 Oct 2021 16:53

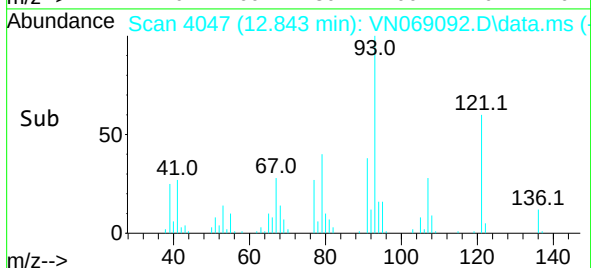
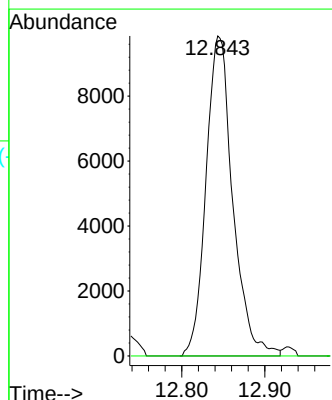
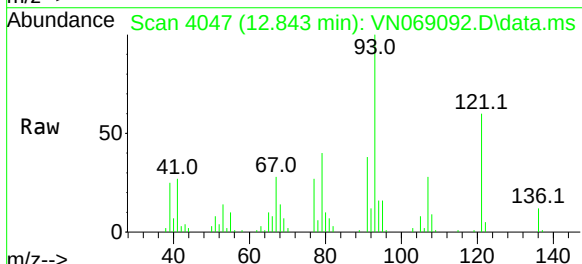
Instrument :
MSVOA_N
ClientSampled :

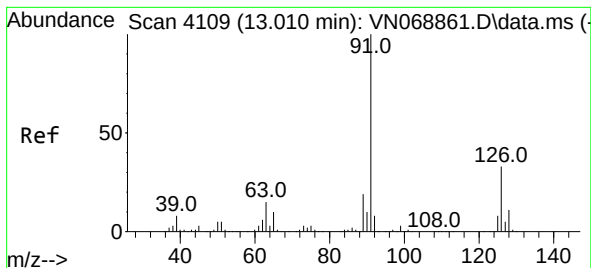
Tgt Ion: 75 Resp: 130444
Ion Ratio Lower Upper
75 100
77 1.4 96.2 288.4#



#78
n-propylbenzene
Concen: 1.158 ug/l
RT: 12.843 min Scan# 4047
Delta R.T. -0.078 min
Lab File: VN069092.D
Acq: 21 Oct 2021 16:53

Tgt Ion: 91 Resp: 22054
Ion Ratio Lower Upper
91 100
120 0.0 11.4 34.1#

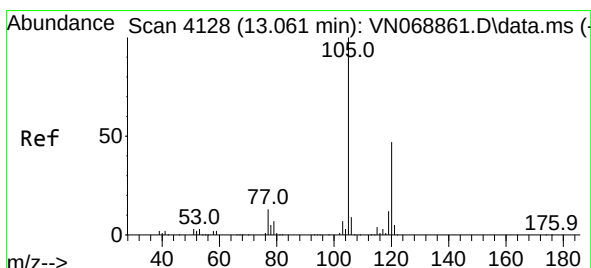
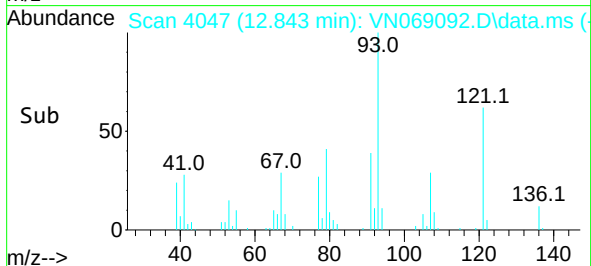
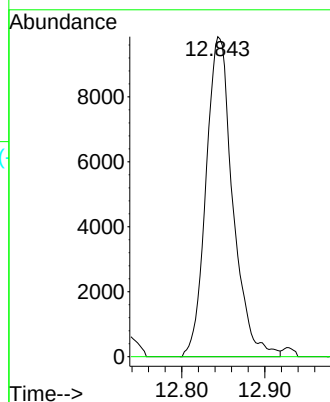
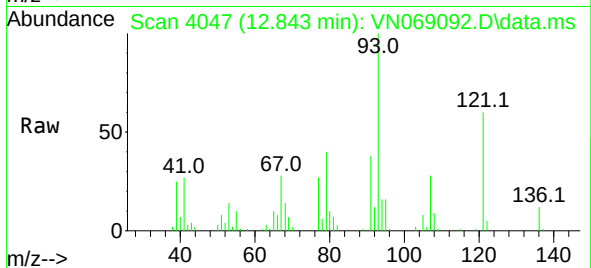




#79
2-Chlorotoluene
Concen: 1.878 ug/l
RT: 12.843 min Scan# 4047
Delta R.T. -0.166 min
Lab File: VN069092.D
Acq: 21 Oct 2021 16:53

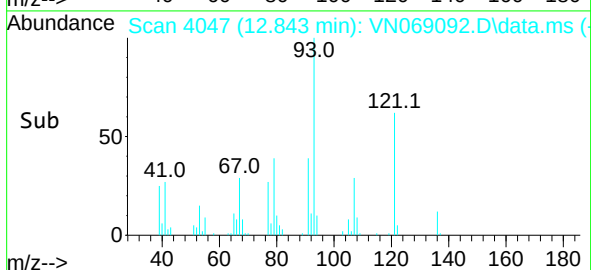
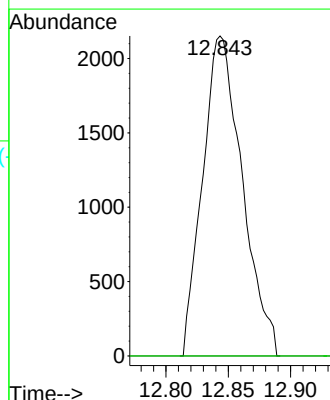
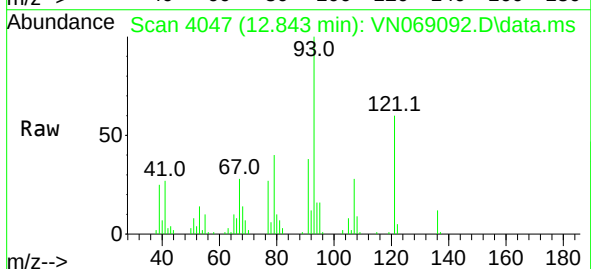
Instrument :
MSVOA_N
ClientSampled :

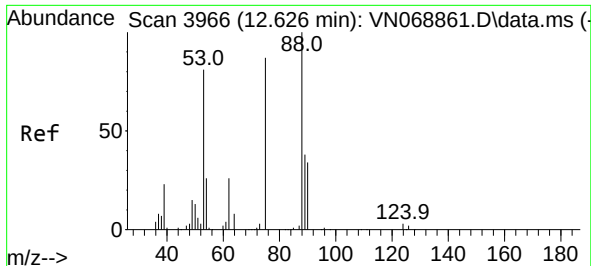
Tgt Ion: 91 Resp: 22054
Ion Ratio Lower Upper
91 100
126 0.0 16.4 49.4#



#80
1,3,5-Trimethylbenzene
Concen: 0.337 ug/l
RT: 12.843 min Scan# 4047
Delta R.T. -0.217 min
Lab File: VN069092.D
Acq: 21 Oct 2021 16:53

Tgt Ion: 105 Resp: 4758
Ion Ratio Lower Upper
105 100
120 0.0 23.4 70.2#

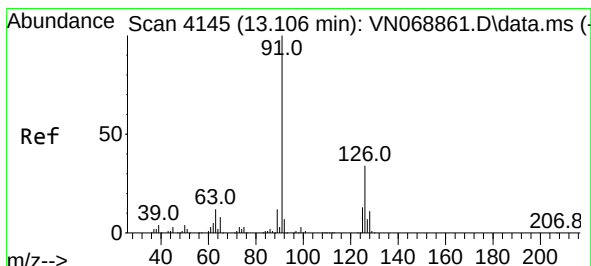
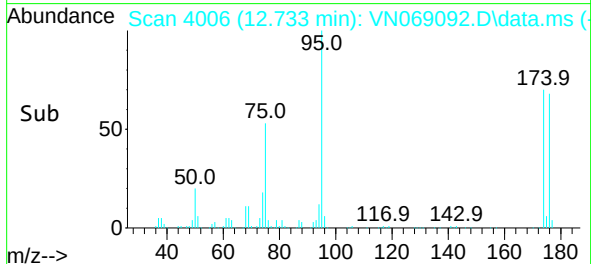
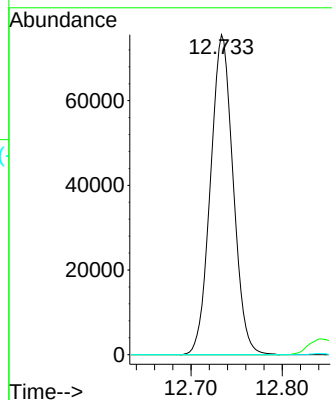
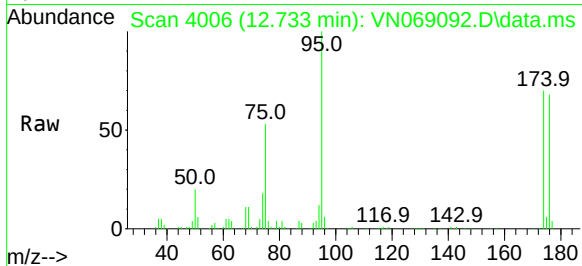




#81
trans-1,4-Dichloro-2-butene
Concen: 72.012 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.107 min
Lab File: VN069092.D
Acq: 21 Oct 2021 16:53

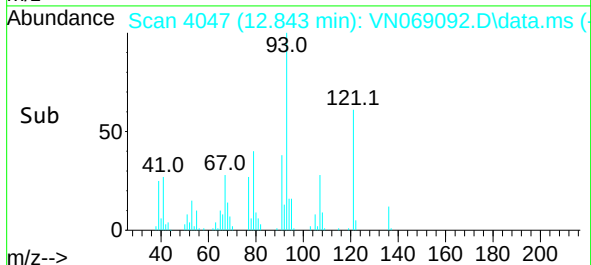
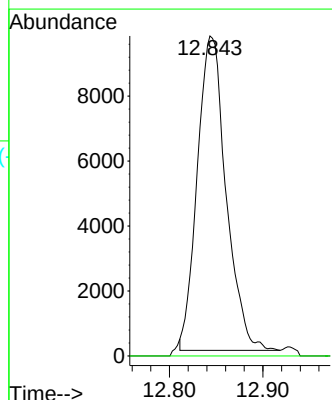
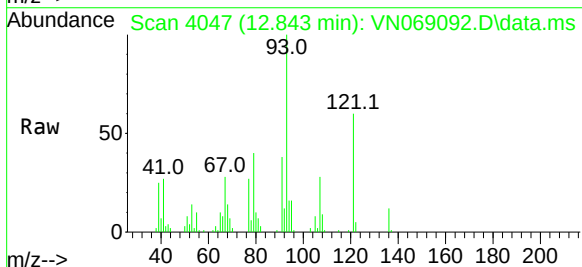
Instrument :
MSVOA_N
ClientSampled :

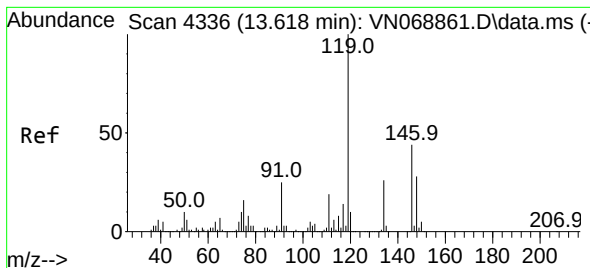
Tgt Ion: 75 Resp: 130444
Ion Ratio Lower Upper
75 100
53 0.0 75.4 113.2#
89 0.0 36.9 55.3#



#82
4-Chlorotoluene
Concen: 1.828 ug/l
RT: 12.843 min Scan# 4047
Delta R.T. -0.263 min
Lab File: VN069092.D
Acq: 21 Oct 2021 16:53

Tgt Ion: 91 Resp: 20744
Ion Ratio Lower Upper
91 100
126 0.0 16.3 48.8#

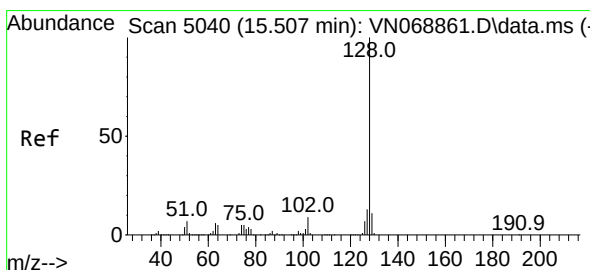
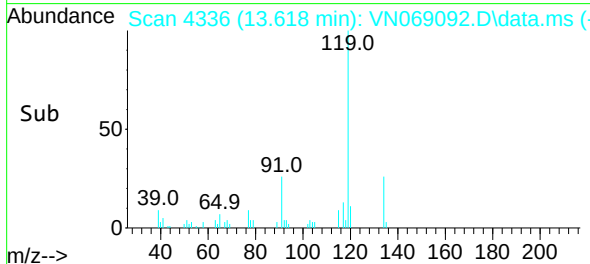
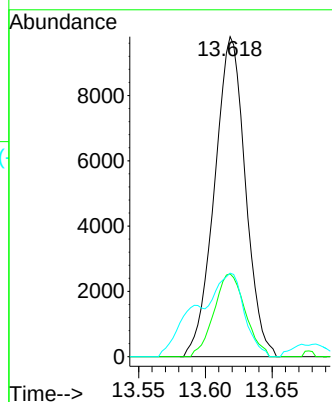
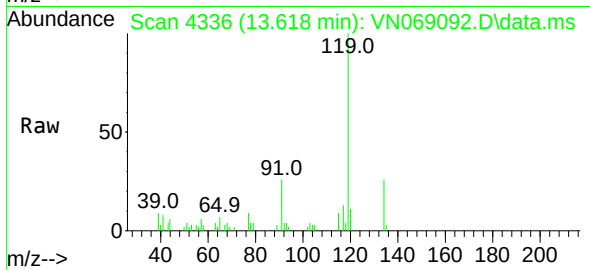




#86
p-Isopropyltoluene
Concen: 1.154 ug/l
RT: 13.618 min Scan# 4336
Delta R.T. -0.000 min
Lab File: VN069092.D
Acq: 21 Oct 2021 16:53

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion:119 Resp: 15755
Ion Ratio Lower Upper
119 100
134 26.2 12.9 38.6
91 24.7 12.8 38.4



#95
Naphthalene
Concen: 3.932 ug/l
RT: 15.512 min Scan# 5042
Delta R.T. 0.005 min
Lab File: VN069092.D
Acq: 21 Oct 2021 16:53

Tgt Ion:128 Resp: 1232
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 0.0 8.9 13.3#

