

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102621\
 Data File : VN069174.D
 Acq On : 26 Oct 2021 00:51
 Operator : JC/MD
 Sample : M4313-07
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 26 01:38:37 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)

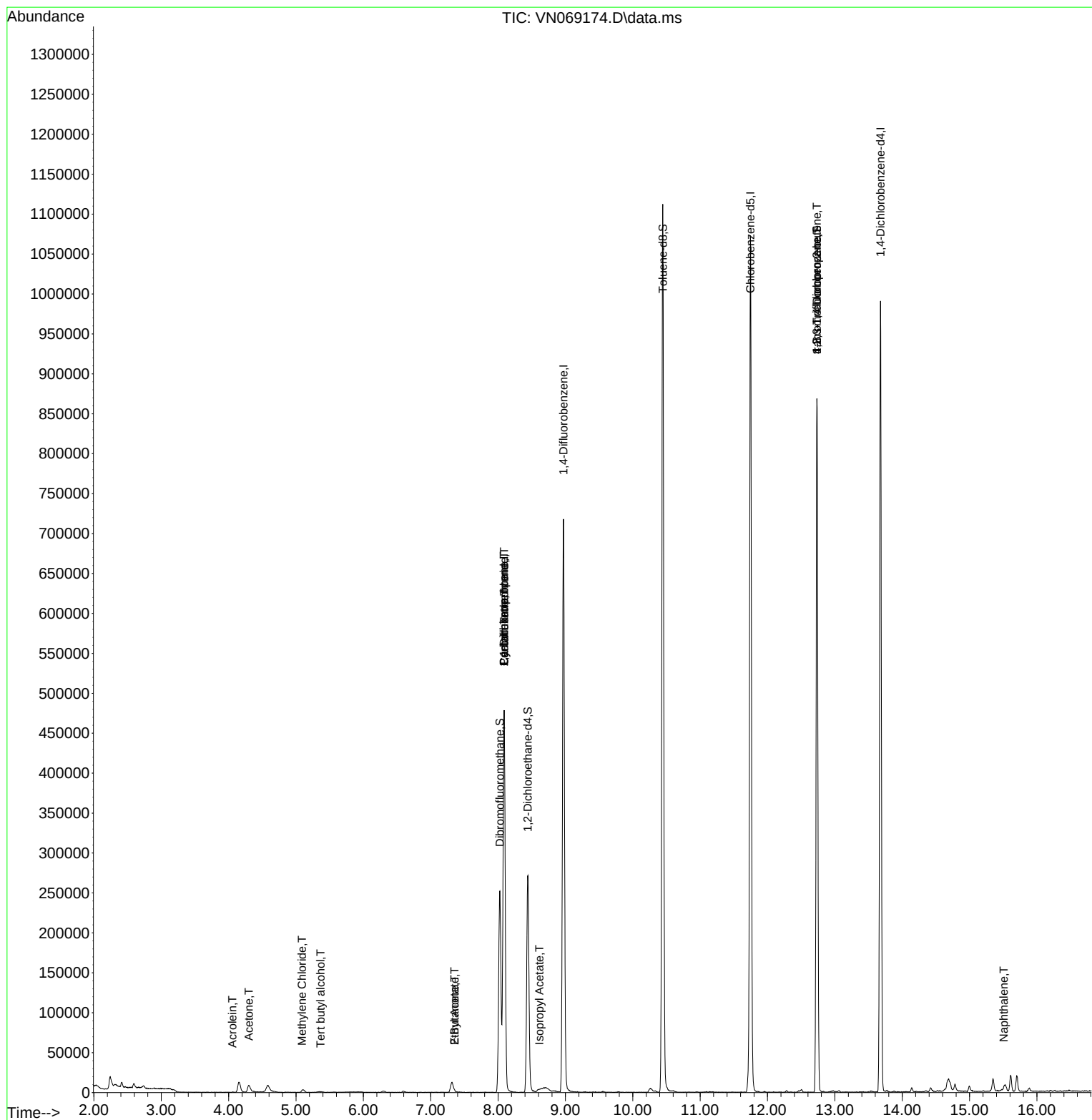
Internal Standards						
1) Pentafluorobenzene	8.091	168	365541	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	646708	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	650159	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	269143	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	234627	48.683	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	97.360%		
35) Dibromofluoromethane	8.027	113	188205	50.020	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	100.040%		
50) Toluene-d8	10.446	98	810281	53.822	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	107.640%		
62) 4-Bromofluorobenzene	12.734	95	314273	55.330	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	110.660%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.366	59	414	0.470	ug/l #	72
13) Acrolein	4.055	56	250	0.642	ug/l #	68
16) Acetone	4.299	43	18457	10.262	ug/l	100
20) Methylene Chloride	5.090	84	1191	0.288	ug/l #	87
25) 2-Butanone	7.354	43	2897	1.065	ug/l	92
31) Cyclohexane	8.091	56	8287	1.106	ug/l #	16
36) 1,1-Dichloropropene	8.088	75	29500	5.340	ug/l #	49
37) Ethyl Acetate	7.354	43	2897	0.508	ug/l #	68
38) Carbon Tetrachloride	8.091	117	37620	6.201	ug/l #	16
43) Isopropyl Acetate	8.614	43	3042	0.302	ug/l #	55
76) 1,2,3-Trichloropropane	12.734	75	163690	28.584	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.734	75	163690	68.386	ug/l #	12
95) Naphthalene	15.507	128	1559	3.927	ug/l #	73

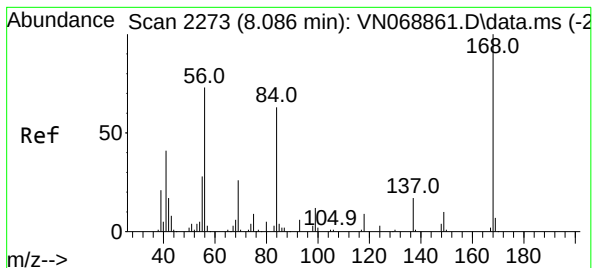
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 13 05:44:40 2021
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.091 min Scan# 2275

Delta R.T. 0.005 min

Lab File: VN069174.D

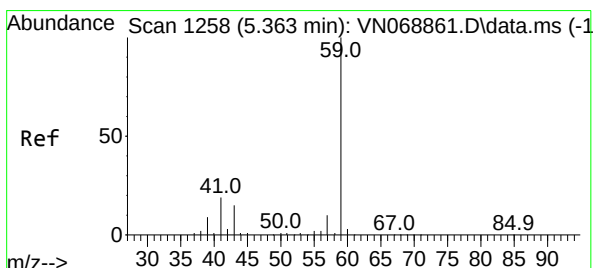
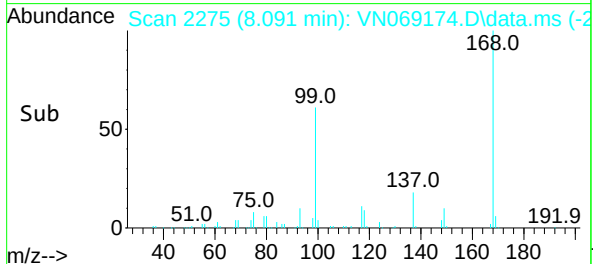
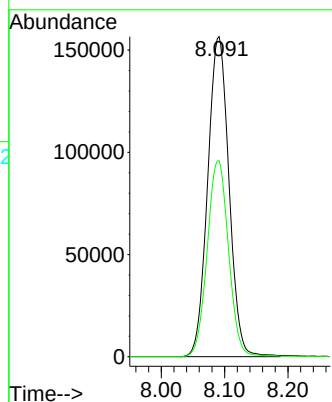
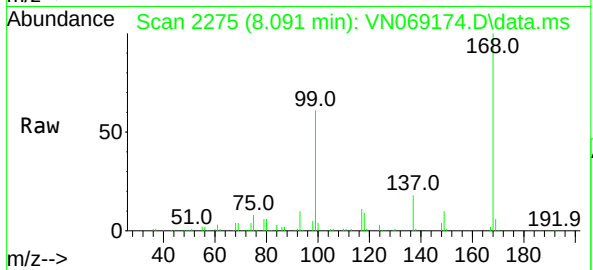
Acq: 26 Oct 2021 00:51

Tgt Ion:168 Resp: 365541

Ion Ratio Lower Upper

168 100

99 61.2 48.9 73.3



#11

Tert butyl alcohol

Concen: 0.470 ug/l

RT: 5.366 min Scan# 1259

Delta R.T. 0.003 min

Lab File: VN069174.D

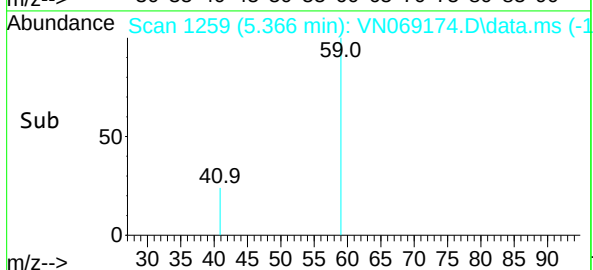
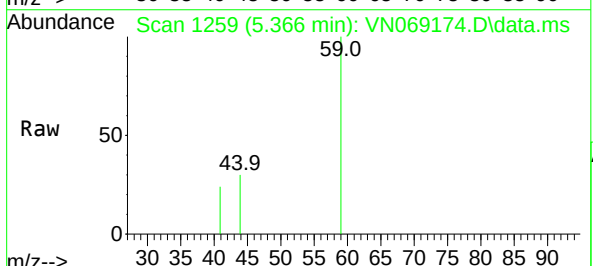
Acq: 26 Oct 2021 00:51

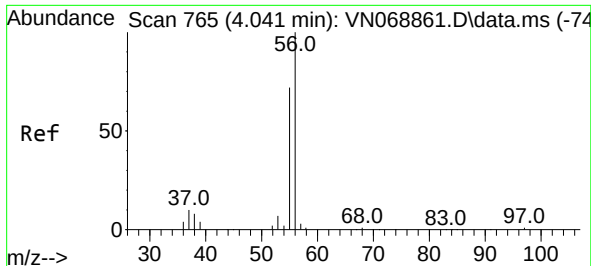
Tgt Ion: 59 Resp: 414

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#

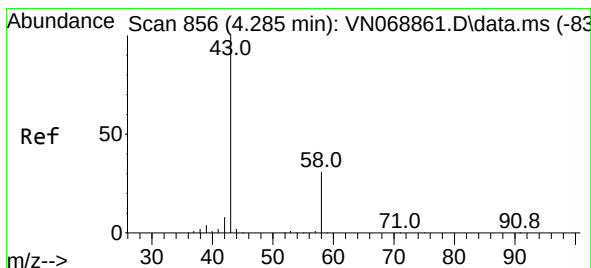
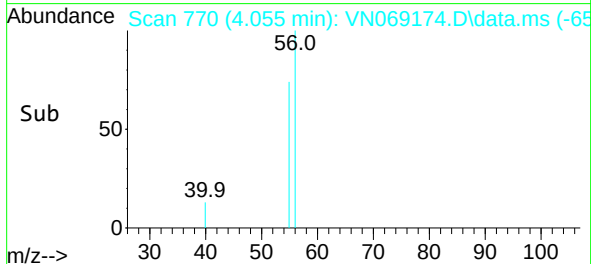
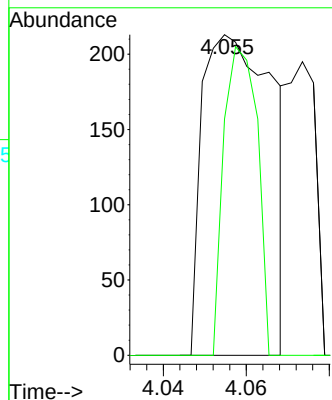
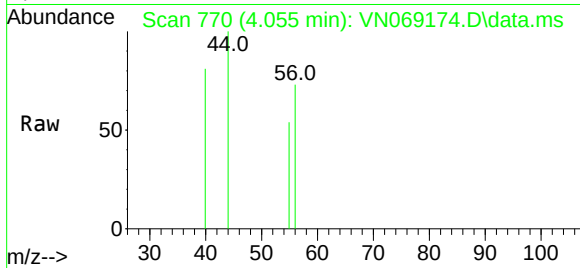




#13
Acrolein
Concen: 0.642 ug/l
RT: 4.055 min Scan# 770
Delta R.T. 0.014 min
Lab File: VN069174.D
Acq: 26 Oct 2021 00:51

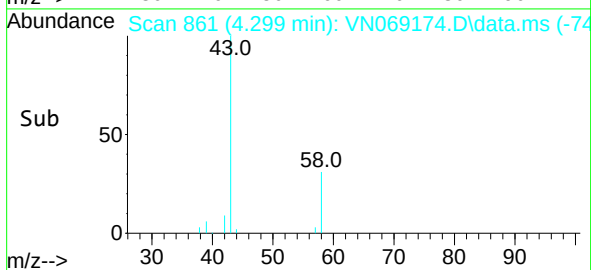
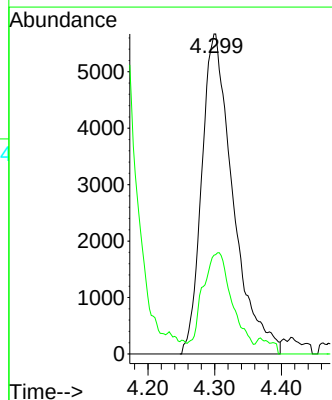
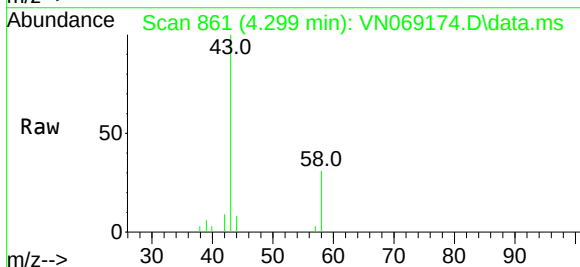
Instrument :
MSVOA_N
ClientSampled :

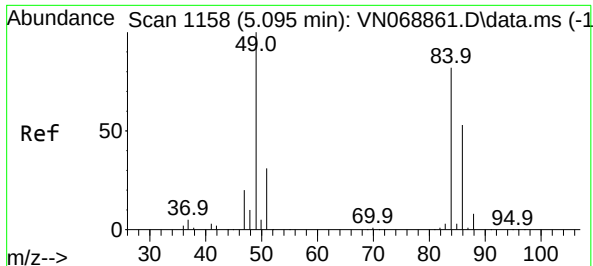
Tgt Ion: 56 Resp: 250
Ion Ratio Lower Upper
56 100
55 46.0 58.1 87.1#



#16
Acetone
Concen: 10.262 ug/l
RT: 4.299 min Scan# 861
Delta R.T. 0.014 min
Lab File: VN069174.D
Acq: 26 Oct 2021 00:51

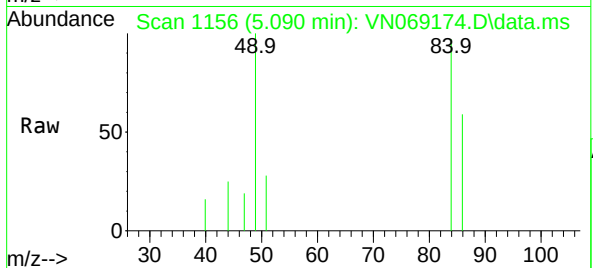
Tgt Ion: 43 Resp: 18457
Ion Ratio Lower Upper
43 100
58 30.9 24.5 36.7





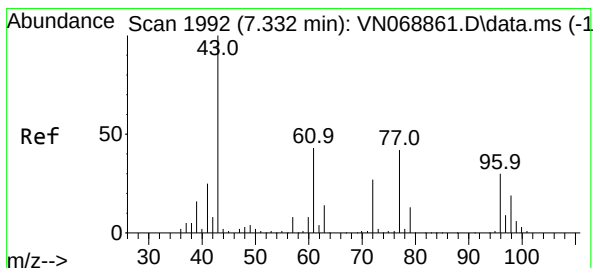
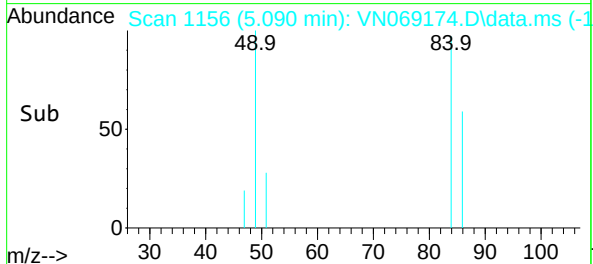
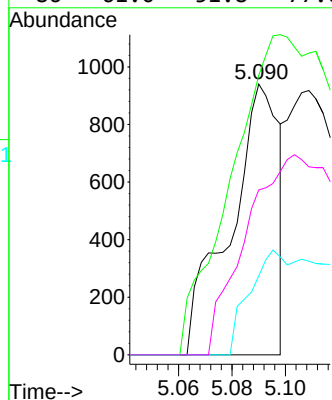
#20
Methylene Chloride
Concen: 0.288 ug/l
RT: 5.090 min Scan# 1156
Delta R.T. -0.005 min
Lab File: VN069174.D
Acq: 26 Oct 2021 00:51

Instrument :
MSVOA_N
ClientSampled :



Tgt Ion: 84 Resp: 1191

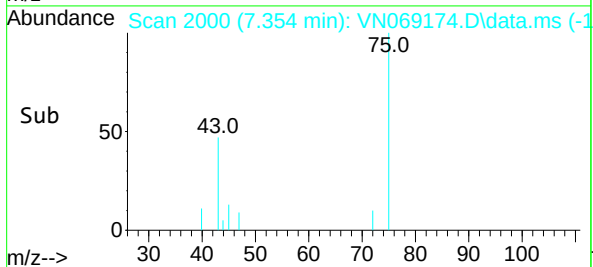
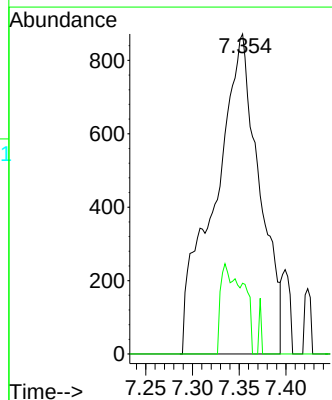
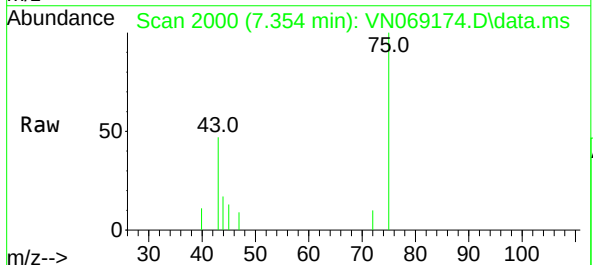
Ion	Ratio	Lower	Upper
84	100		
49	103.3	97.6	146.4
51	29.1	30.3	45.5#
86	61.0	51.8	77.6

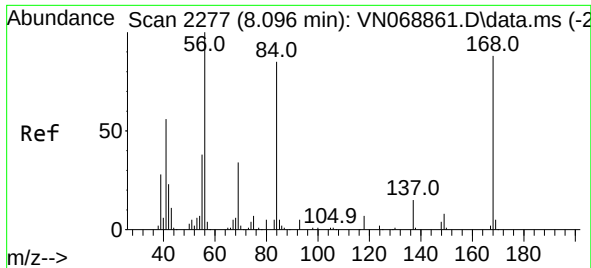


#25
2-Butanone
Concen: 1.065 ug/l
RT: 7.354 min Scan# 2000
Delta R.T. 0.022 min
Lab File: VN069174.D
Acq: 26 Oct 2021 00:51

Tgt Ion: 43 Resp: 2897

Ion	Ratio	Lower	Upper
43	100		
72	22.1	21.2	31.8

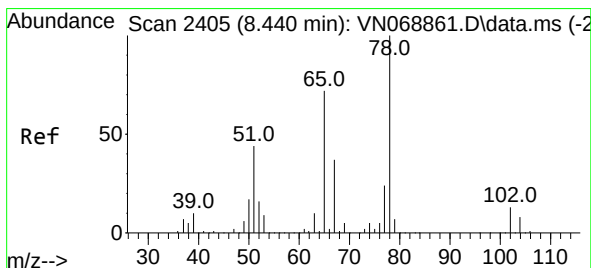
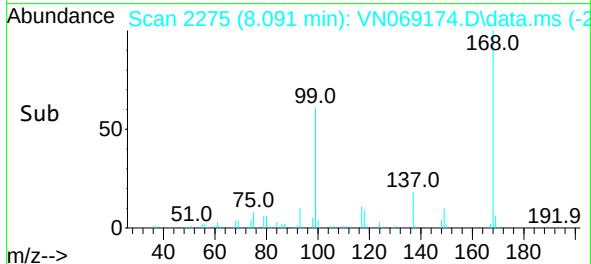
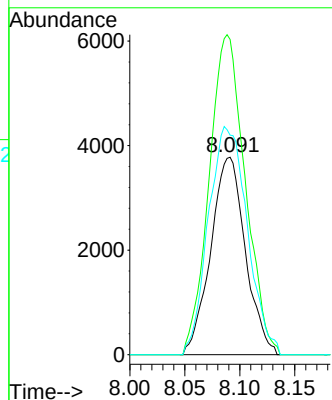
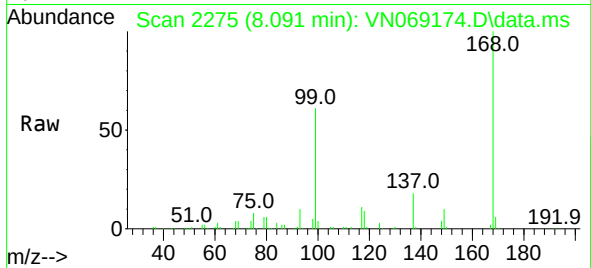




#31
Cyclohexane
Concen: 1.106 ug/l
RT: 8.091 min Scan# 2275
Delta R.T. -0.005 min
Lab File: VN069174.D
Acq: 26 Oct 2021 00:51

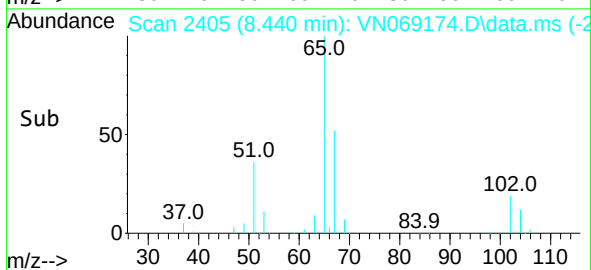
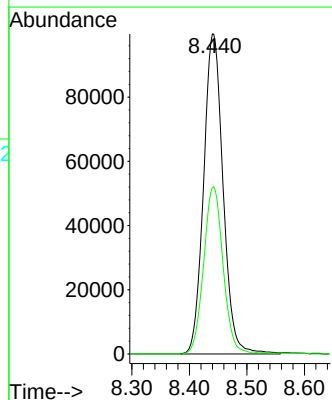
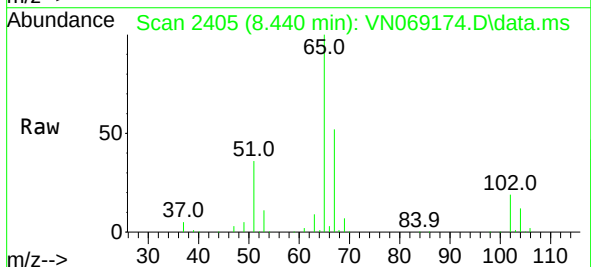
Instrument :
MSVOA_N
ClientSampled :

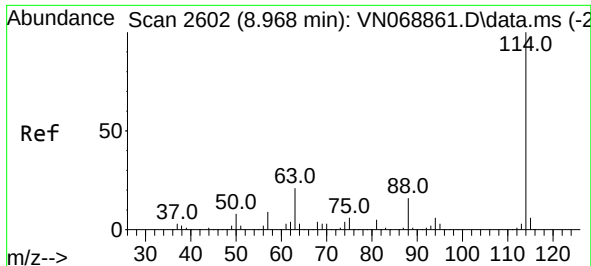
Tgt Ion: 56 Resp: 8287
Ion Ratio Lower Upper
56 100
69 159.6 26.9 40.3#
84 111.2 67.6 101.4#



#33
1,2-Dichloroethane-d4
Concen: 48.683 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.000 min
Lab File: VN069174.D
Acq: 26 Oct 2021 00:51

Tgt Ion: 65 Resp: 234627
Ion Ratio Lower Upper
65 100
67 52.0 0.0 103.8

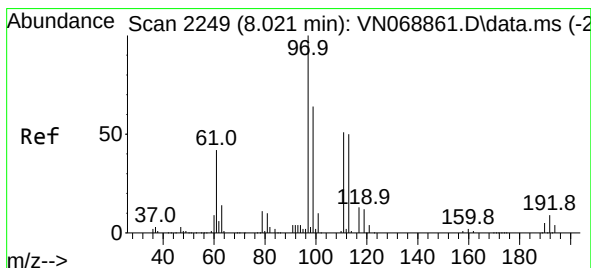
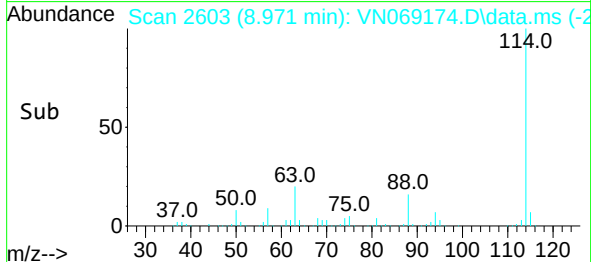
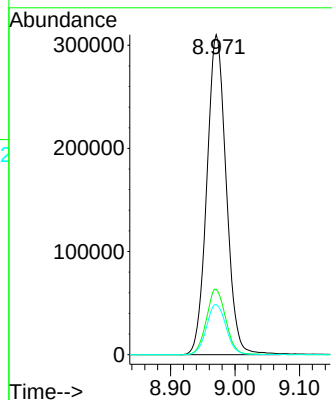
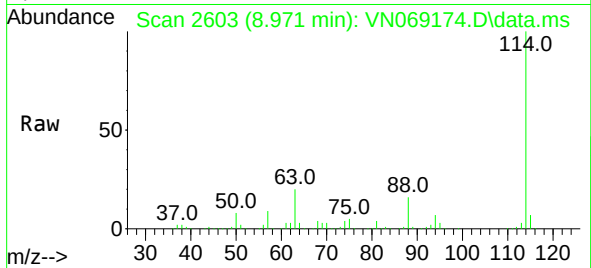




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN069174.D
Acq: 26 Oct 2021 00:51

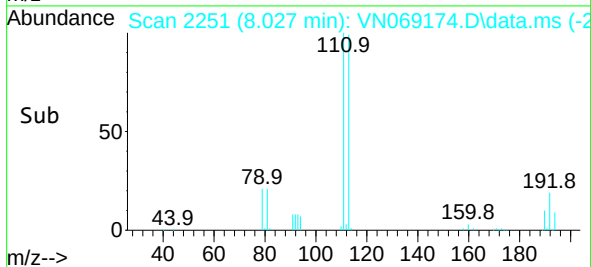
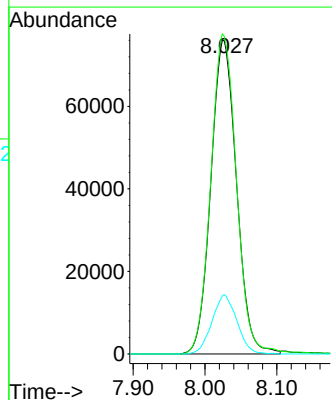
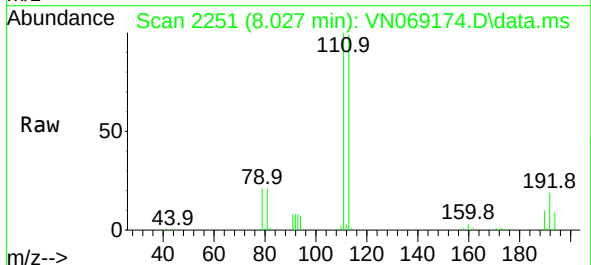
Instrument :
MSVOA_N
ClientSampled :

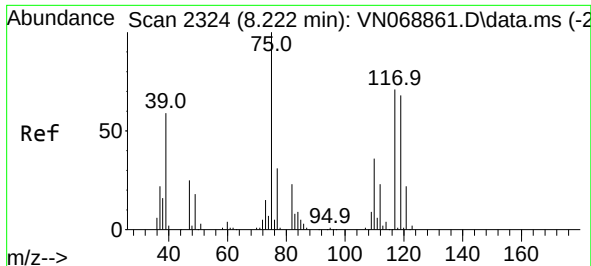
Tgt Ion:114 Resp: 646708
Ion Ratio Lower Upper
114 100
63 20.4 0.0 42.6
88 15.7 0.0 32.0



#35
Dibromofluoromethane
Concen: 50.020 ug/l
RT: 8.027 min Scan# 2251
Delta R.T. 0.005 min
Lab File: VN069174.D
Acq: 26 Oct 2021 00:51

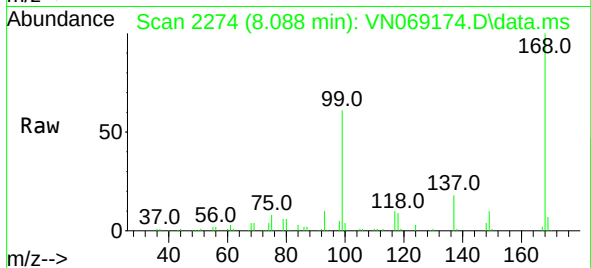
Tgt Ion:113 Resp: 188205
Ion Ratio Lower Upper
113 100
111 102.3 83.2 124.8
192 18.3 15.0 22.4



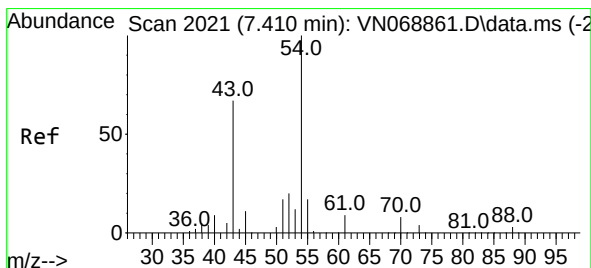
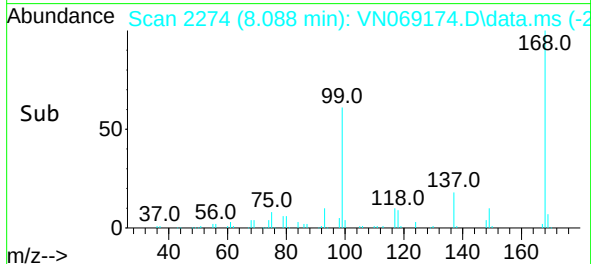
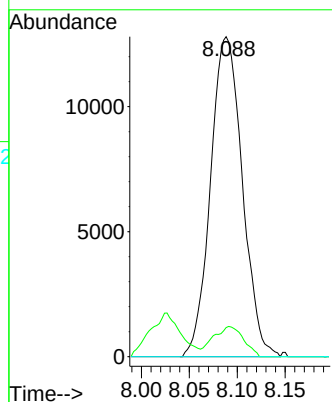


#36
1,1-Dichloropropene
Concen: 5.340 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.134 min
Lab File: VN069174.D
Acq: 26 Oct 2021 00:51

Instrument :
MSVOA_N
ClientSampled :

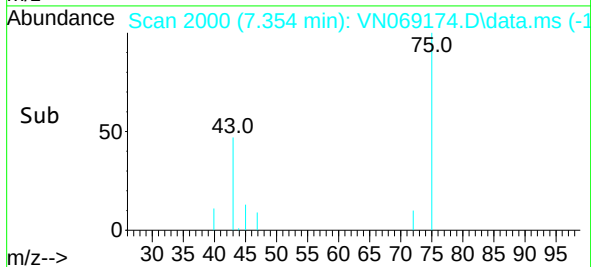
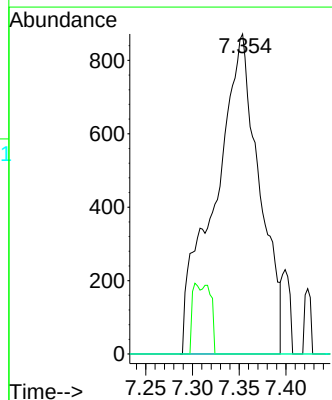
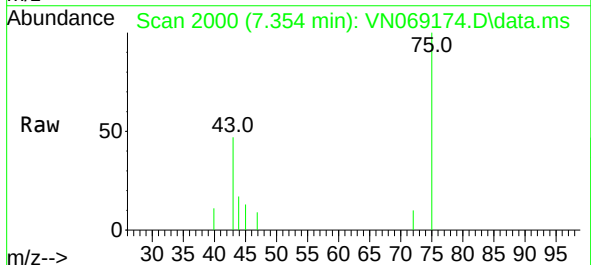


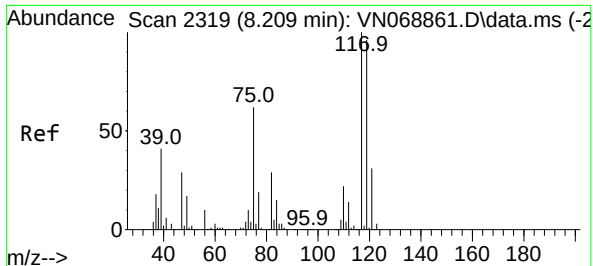
Tgt Ion: 75 Resp: 29500
Ion Ratio Lower Upper
75 100
110 9.0 17.9 53.8#
77 0.0 24.7 37.1#



#37
Ethyl Acetate
Concen: 0.508 ug/l
RT: 7.354 min Scan# 2000
Delta R.T. -0.056 min
Lab File: VN069174.D
Acq: 26 Oct 2021 00:51

Tgt Ion: 43 Resp: 2897
Ion Ratio Lower Upper
43 100
61 0.0 11.2 16.8#
70 0.0 8.4 12.6#

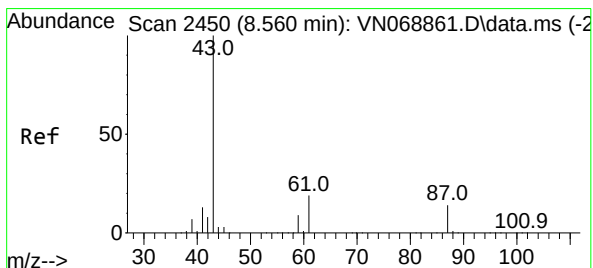
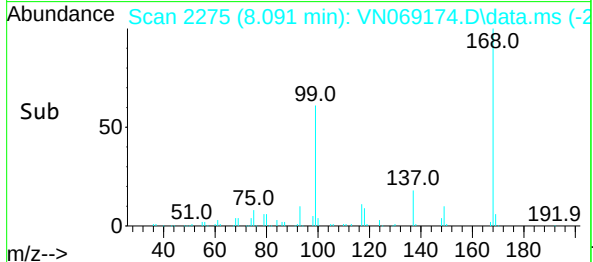
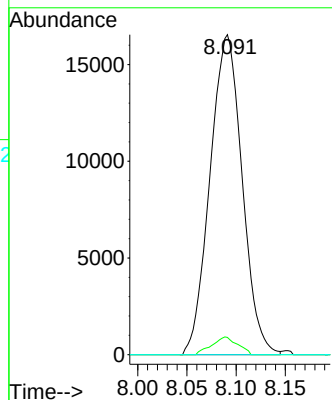
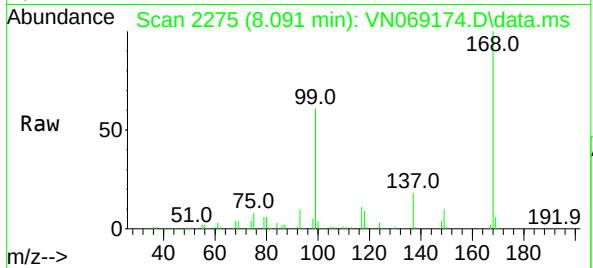




#38
Carbon Tetrachloride
Concen: 6.201 ug/l
RT: 8.091 min Scan# 2275
Delta R.T. -0.118 min
Lab File: VN069174.D
Acq: 26 Oct 2021 00:51

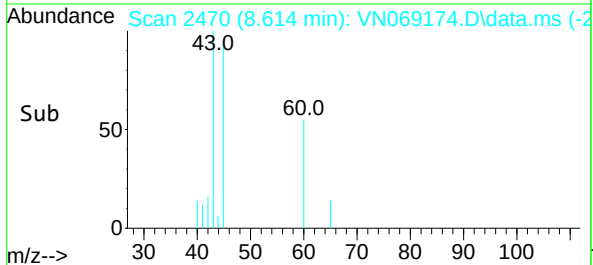
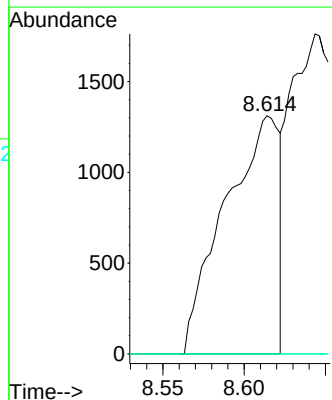
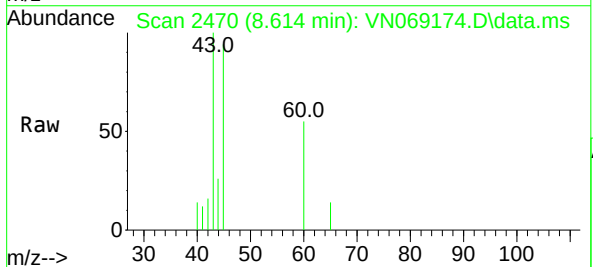
Instrument :
MSVOA_N
ClientSampled :

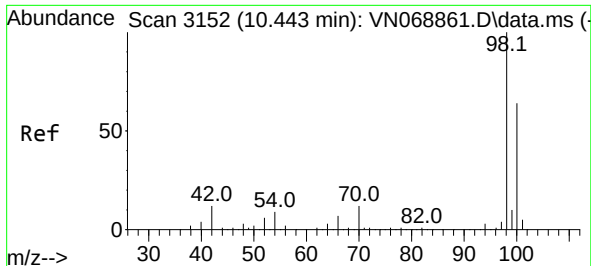
Tgt Ion:117 Resp: 37620
Ion Ratio Lower Upper
117 100
119 5.4 76.9 115.3#
121 0.0 24.6 37.0#



#43
Isopropyl Acetate
Concen: 0.302 ug/l
RT: 8.614 min Scan# 2470
Delta R.T. 0.054 min
Lab File: VN069174.D
Acq: 26 Oct 2021 00:51

Tgt Ion: 43 Resp: 3042
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 10.7 16.1#

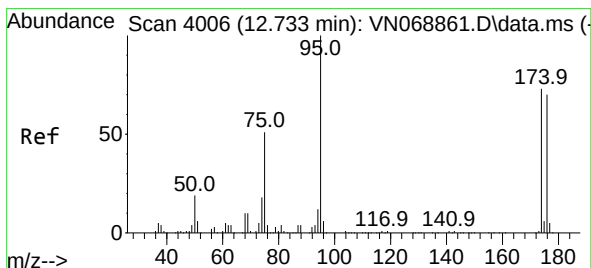
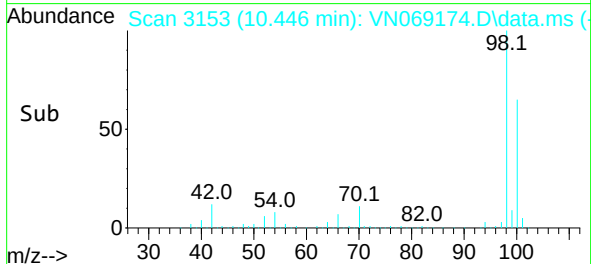
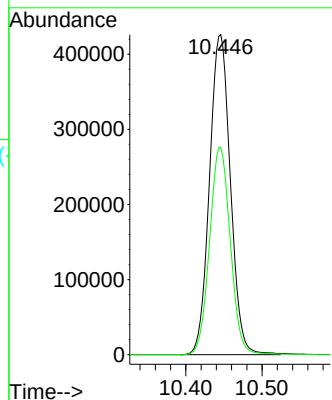
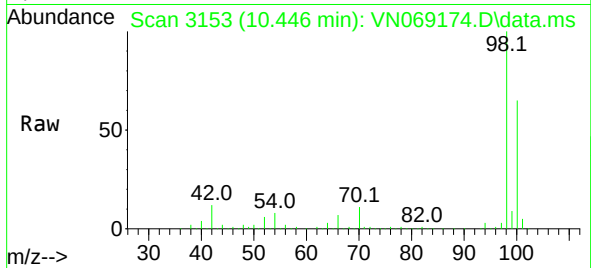




#50
Toluene-d8
Concen: 53.822 ug/l
RT: 10.446 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VN069174.D
Acq: 26 Oct 2021 00:51

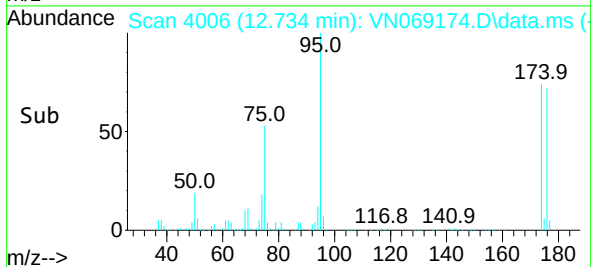
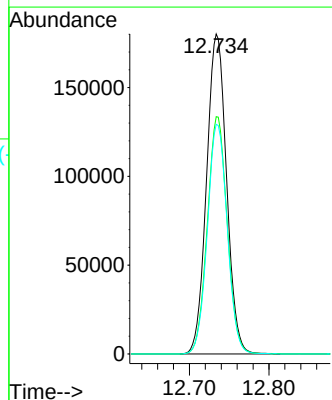
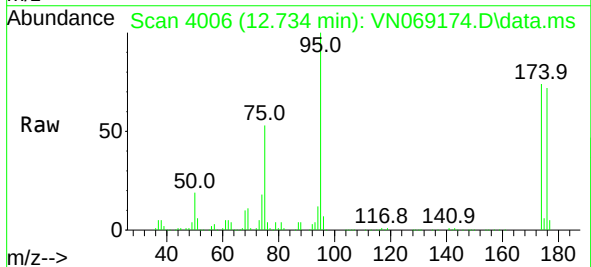
Instrument :
MSVOA_N
ClientSampled :

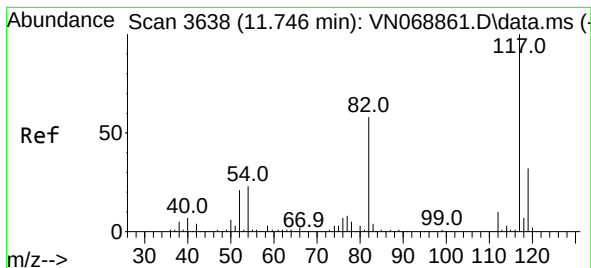
Tgt Ion: 98 Resp: 810281
Ion Ratio Lower Upper
98 100
100 64.4 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 55.330 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN069174.D
Acq: 26 Oct 2021 00:51

Tgt Ion: 95 Resp: 314273
Ion Ratio Lower Upper
95 100
174 73.9 0.0 144.8
176 71.3 0.0 140.0

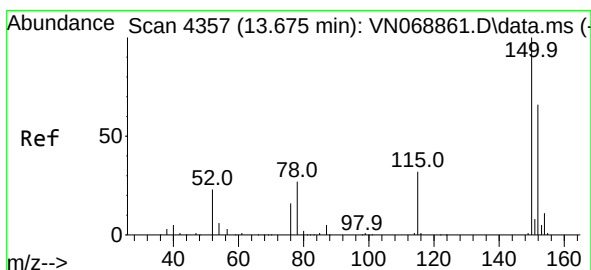
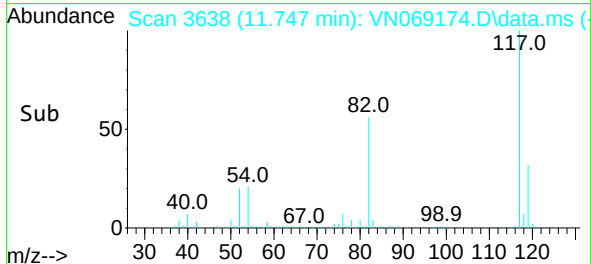
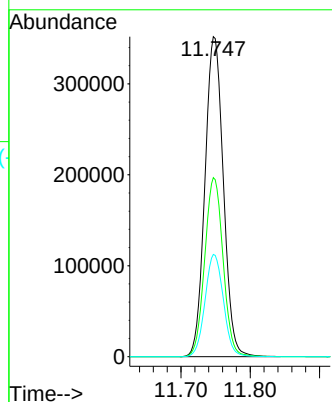
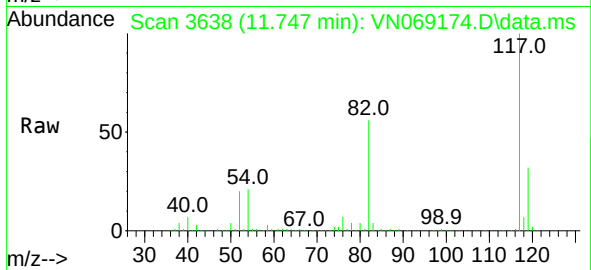




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN069174.D
Acq: 26 Oct 2021 00:51

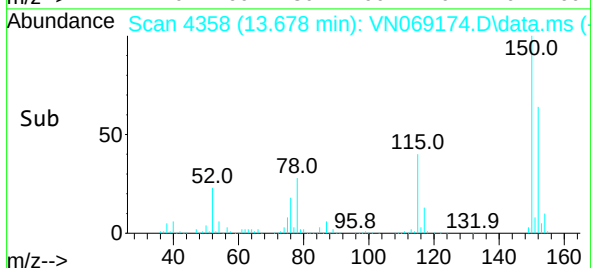
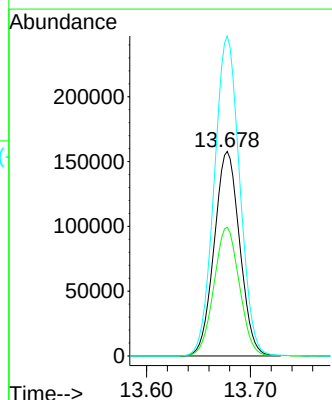
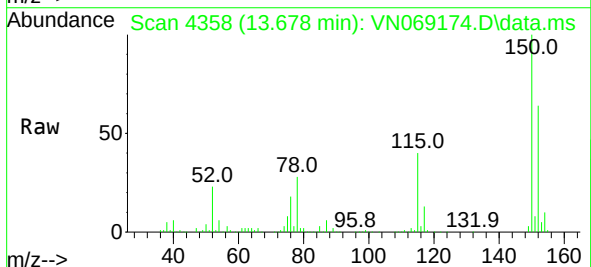
Instrument :
MSVOA_N
ClientSampleId :

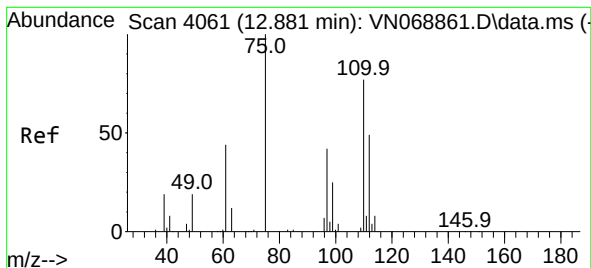
Tgt Ion:117 Resp: 650159
Ion Ratio Lower Upper
117 100
82 55.9 46.4 69.6
119 32.0 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN069174.D
Acq: 26 Oct 2021 00:51

Tgt Ion:152 Resp: 269143
Ion Ratio Lower Upper
152 100
115 62.9 31.4 94.3
150 156.4 0.0 351.0





#76

1,2,3-Trichloropropane

Concen: 28.584 ug/l

RT: 12.734 min Scan# 4006

Delta R.T. -0.147 min

Lab File: VN069174.D

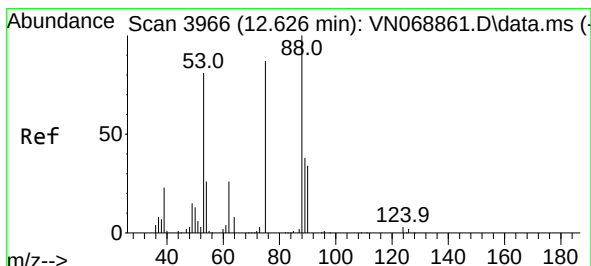
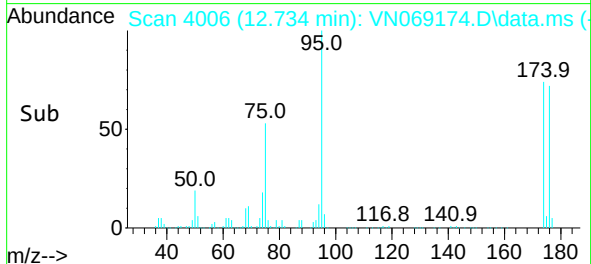
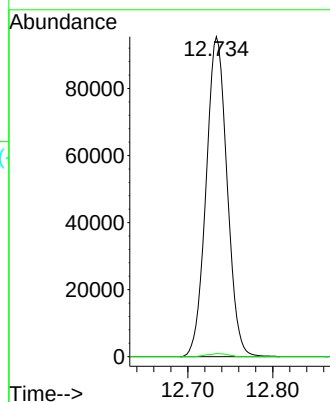
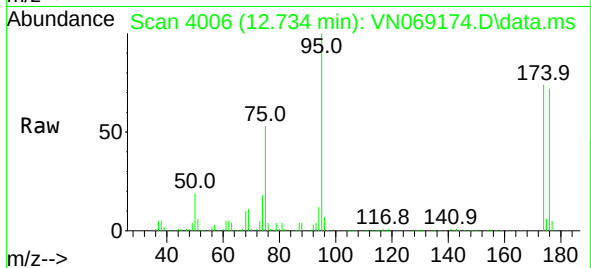
Acq: 26 Oct 2021 00:51

Tgt Ion: 75 Resp: 163690

Ion Ratio Lower Upper

75 100

77 1.0 96.2 288.4#



#81

trans-1,4-Dichloro-2-butene

Concen: 68.386 ug/l

RT: 12.734 min Scan# 4006

Delta R.T. 0.107 min

Lab File: VN069174.D

Acq: 26 Oct 2021 00:51

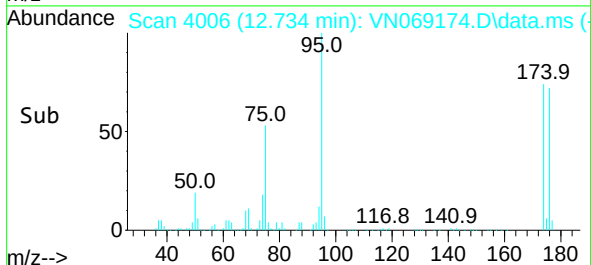
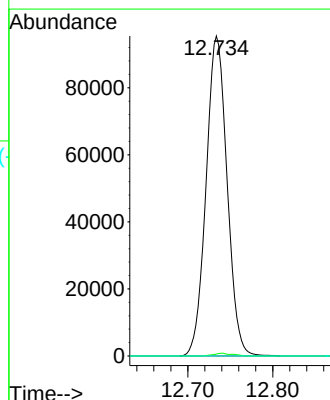
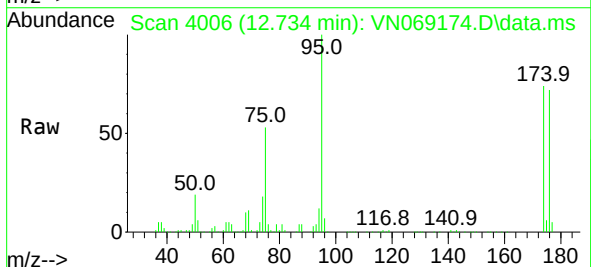
Tgt Ion: 75 Resp: 163690

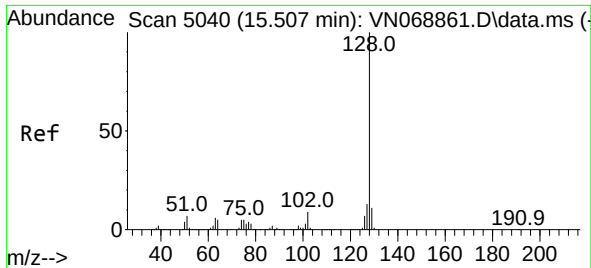
Ion Ratio Lower Upper

75 100

53 0.8 75.4 113.2#

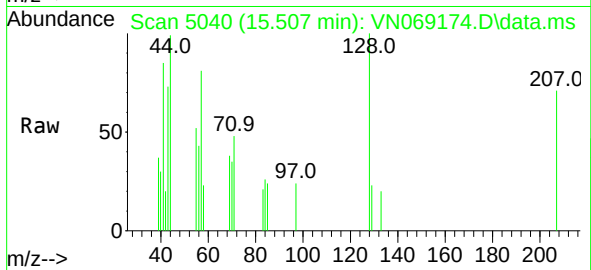
89 0.0 36.9 55.3#





#95
Naphthalene
Concen: 3.927 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN069174.D
Acq: 26 Oct 2021 00:51

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:	128	Resp:	1559
Ion Ratio	100	Lower	Upper
127	0.0	10.5	15.7#
129	3.6	8.9	13.3#

