

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062521\
 Data File : VN067513.D
 Acq On : 25 Jun 2021 18:47
 Operator : JC/MD
 Sample : M2847-05 50X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 1966-1969

Quant Time: Jun 29 02:02:48 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062421W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 24 12:18:45 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

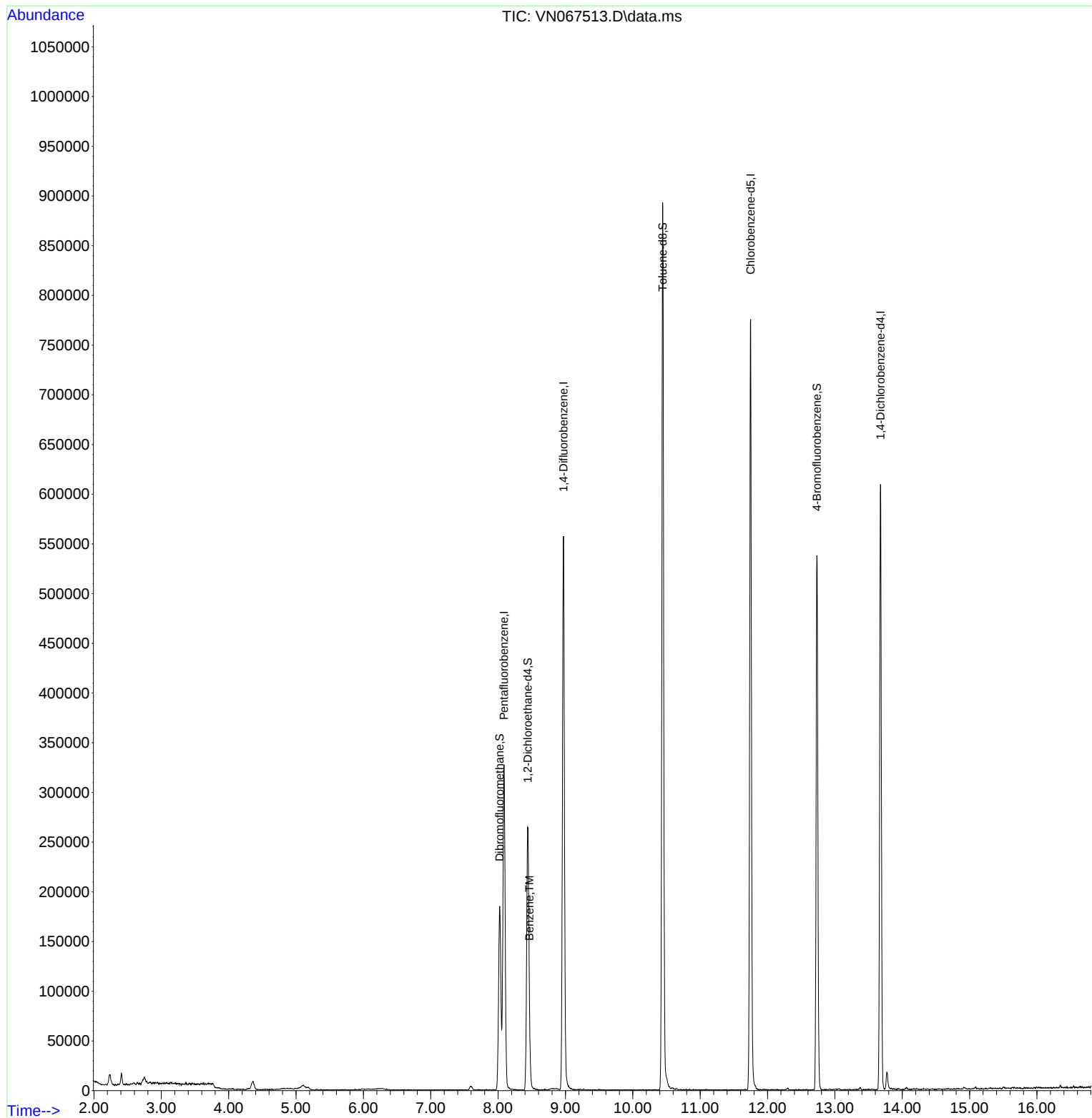
Internal Standards						
1) Pentafluorobenzene	8.088	168	185834	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.970	114	425603	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	385249	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	124726	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.439	65	216554	56.939	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 113.880%	
35) Dibromofluoromethane	8.024	113	133287	50.833	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 101.660%	
50) Toluene-d8	10.443	98	593966	53.112	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 106.220%	
62) 4-Bromofluorobenzene	12.733	95	199332	50.028	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 100.060%	
Target Compounds						
40) Benzene	8.464	78	23068	1.638	ug/l	Qvalue 95

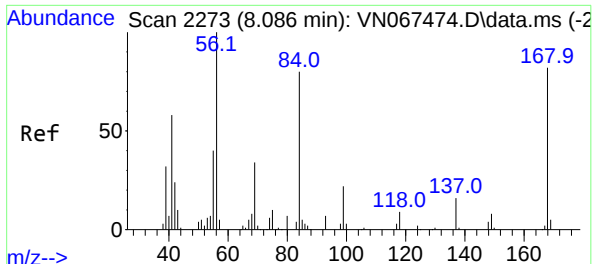
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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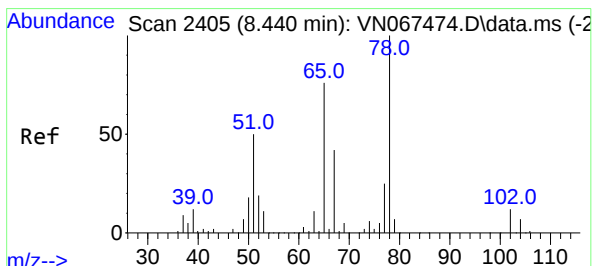
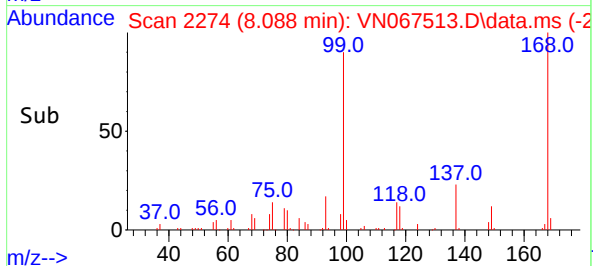
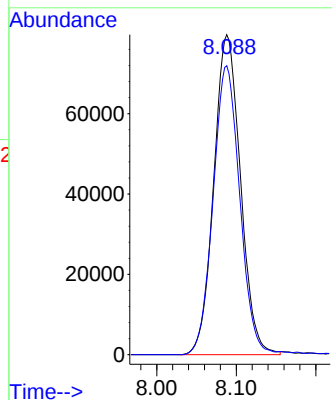
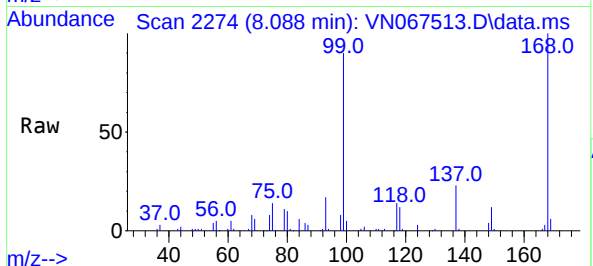




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN067513.D
Acq: 25 Jun 2021 18:47

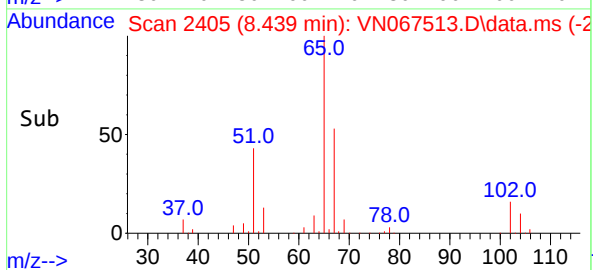
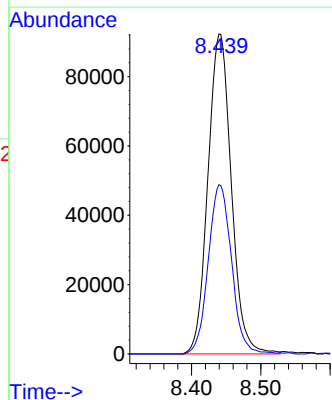
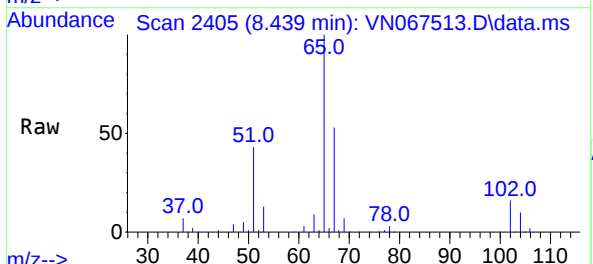
Instrument :
MSVOA_N
ClientSampleId :
1966-1969

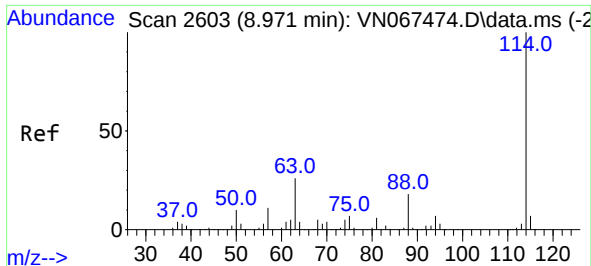
Tgt Ion:168 Resp: 185834
Ion Ratio Lower Upper
168 100
99 90.3 62.9 94.3



#33
1,2-Dichloroethane-d4
Concen: 56.939 ug/l
RT: 8.439 min Scan# 2405
Delta R.T. -0.001 min
Lab File: VN067513.D
Acq: 25 Jun 2021 18:47

Tgt Ion: 65 Resp: 216554
Ion Ratio Lower Upper
65 100
67 52.6 0.0 98.6



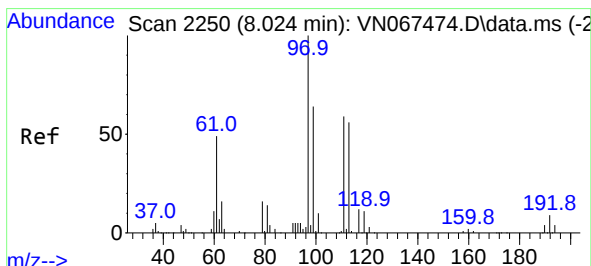
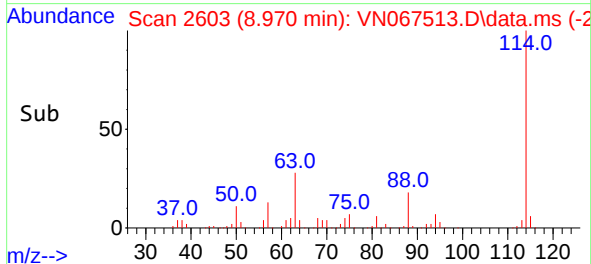
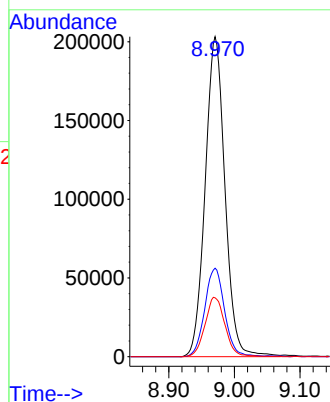
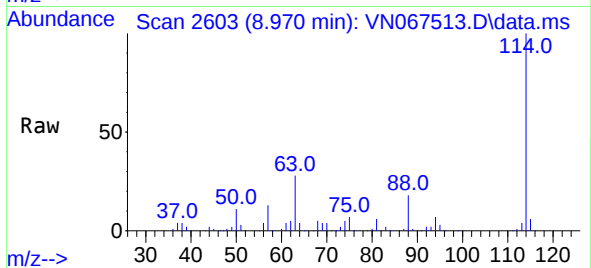


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.970 min Scan# 2603
Delta R.T. -0.001 min
Lab File: VN067513.D
Acq: 25 Jun 2021 18:47

Instrument :
MSVOA_N
ClientSampled :
1966-1969

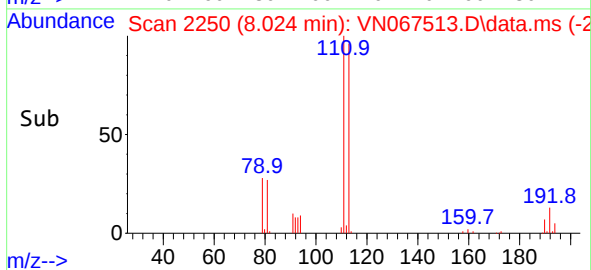
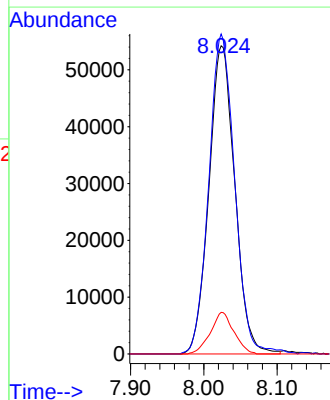
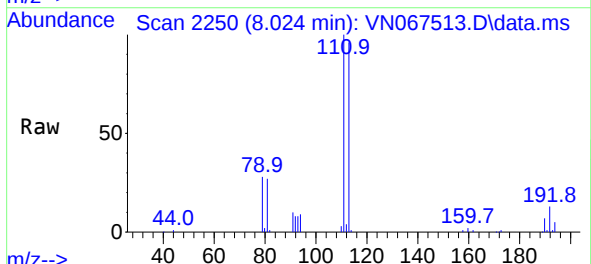
Tgt Ion:114 Resp: 425603
Ion Ratio Lower Upper
114 100
63 27.7 0.0 49.0
88 18.4 0.0 36.6

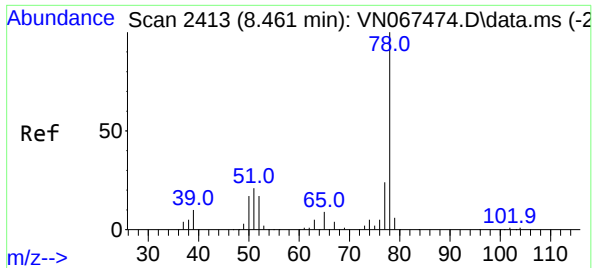


#35

Dibromofluoromethane
Concen: 50.833 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. -0.000 min
Lab File: VN067513.D
Acq: 25 Jun 2021 18:47

Tgt Ion:113 Resp: 133287
Ion Ratio Lower Upper
113 100
111 102.7 83.8 125.8
192 12.3 13.4 20.0#

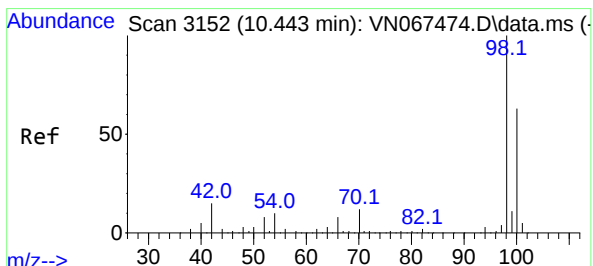
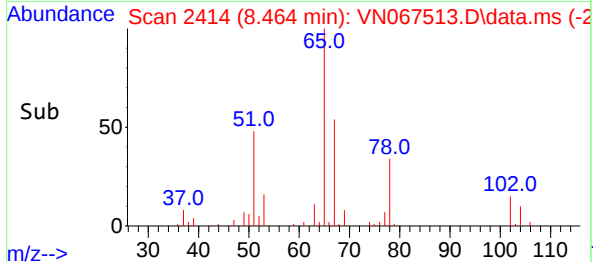
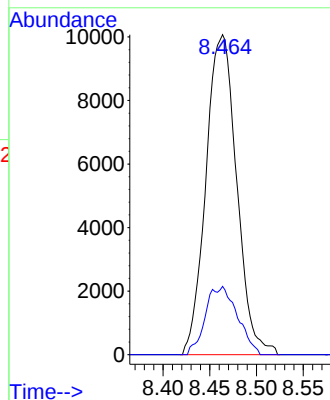
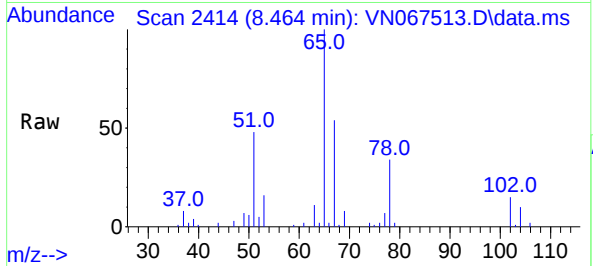




#40
Benzene
Concen: 1.638 ug/l
RT: 8.464 min Scan# 2414
Delta R.T. 0.003 min
Lab File: VN067513.D
Acq: 25 Jun 2021 18:47

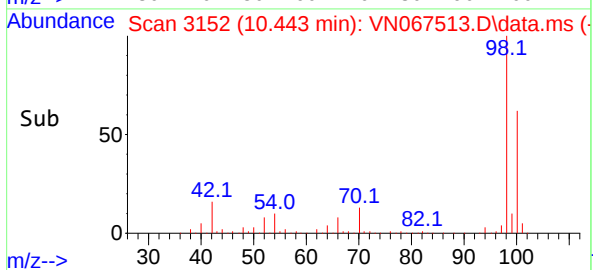
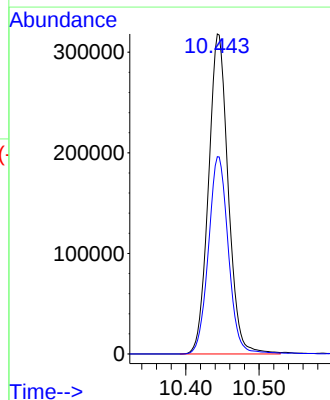
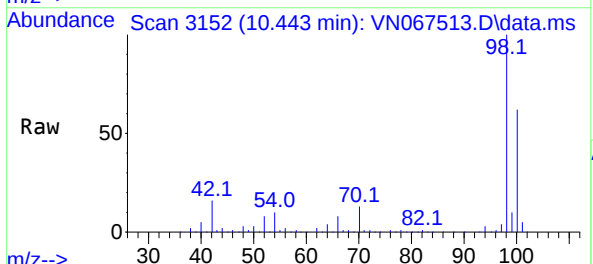
Instrument :
MSVOA_N
ClientSampleId :
1966-1969

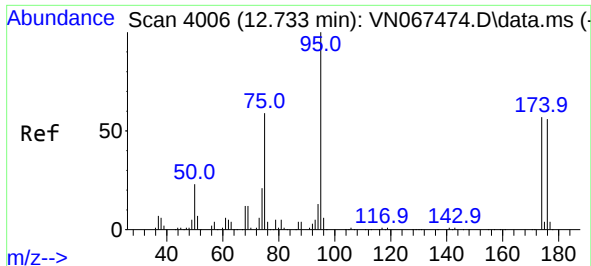
Tgt Ion: 78 Resp: 23068
Ion Ratio Lower Upper
78 100
77 21.3 18.9 28.3



#50
Toluene-d8
Concen: 53.112 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VN067513.D
Acq: 25 Jun 2021 18:47

Tgt Ion: 98 Resp: 593966
Ion Ratio Lower Upper
98 100
100 62.3 51.7 77.5

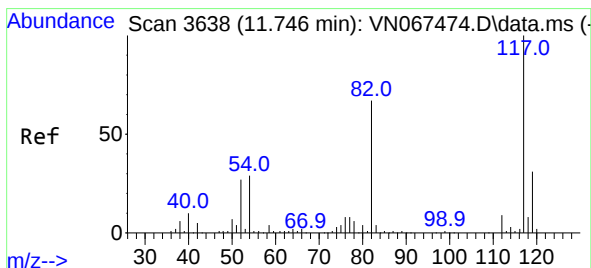
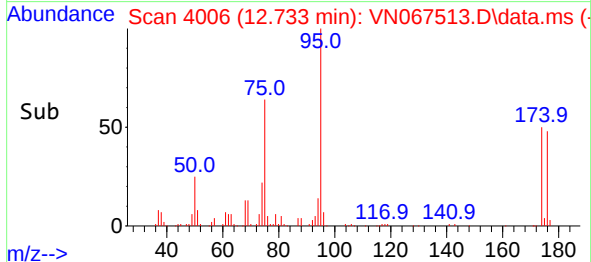
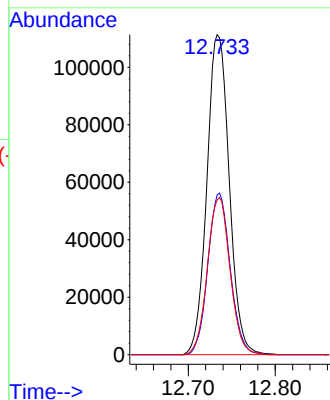
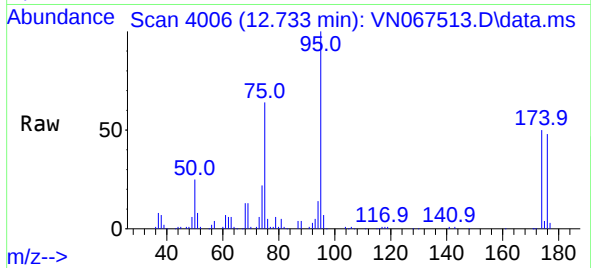




#62
4-Bromofluorobenzene
Concen: 50.028 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN067513.D
Acq: 25 Jun 2021 18:47

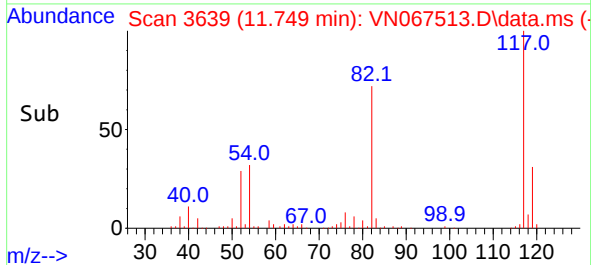
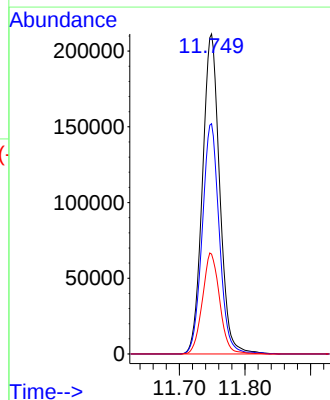
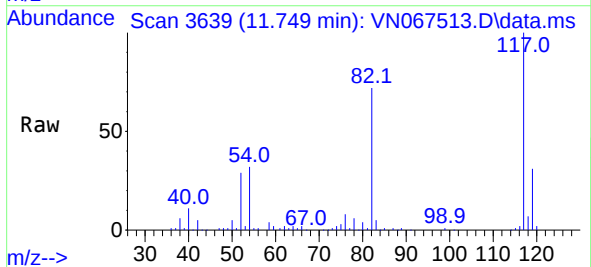
Instrument :
MSVOA_N
ClientSampleId :
1966-1969

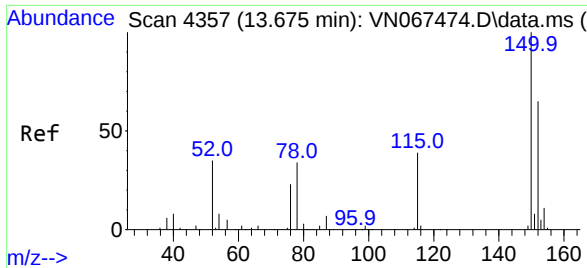
Tgt Ion: 95 Resp: 199332
Ion Ratio Lower Upper
95 100
174 50.4 0.0 122.0
176 49.7 0.0 117.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.003 min
Lab File: VN067513.D
Acq: 25 Jun 2021 18:47

Tgt Ion: 117 Resp: 385249
Ion Ratio Lower Upper
117 100
82 72.0 53.1 79.7
119 31.2 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.677 min Scan# 4358
 Delta R.T. 0.002 min
 Lab File: VN067513.D
 Acq: 25 Jun 2021 18:47

Instrument :
 MSVOA_N
 ClientSampleId :
 1966-1969

Tgt Ion:152 Resp: 124726
 Ion Ratio Lower Upper
 152 100
 115 77.2 36.1 108.5
 150 160.6 0.0 351.8

