

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120820\
 Data File : VN065003.D
 Acq On : 9 Dec 2020 5:51
 Operator : JC/MD
 Sample : L4970-16
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 4S1-A-BOTTOM

Quant Time: Dec 09 08:32:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 23 13:54:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	162279	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	314720	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	330043	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	137199	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	106045	56.21	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery	=	112.42%	
35) Dibromofluoromethane	7.55	113	98585	52.35	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery	=	104.70%	
50) Toluene-d8	10.06	98	393579	51.15	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery	=	102.30%	
62) 4-Bromofluorobenzene	12.38	95	145261	52.75	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery	=	105.50%	

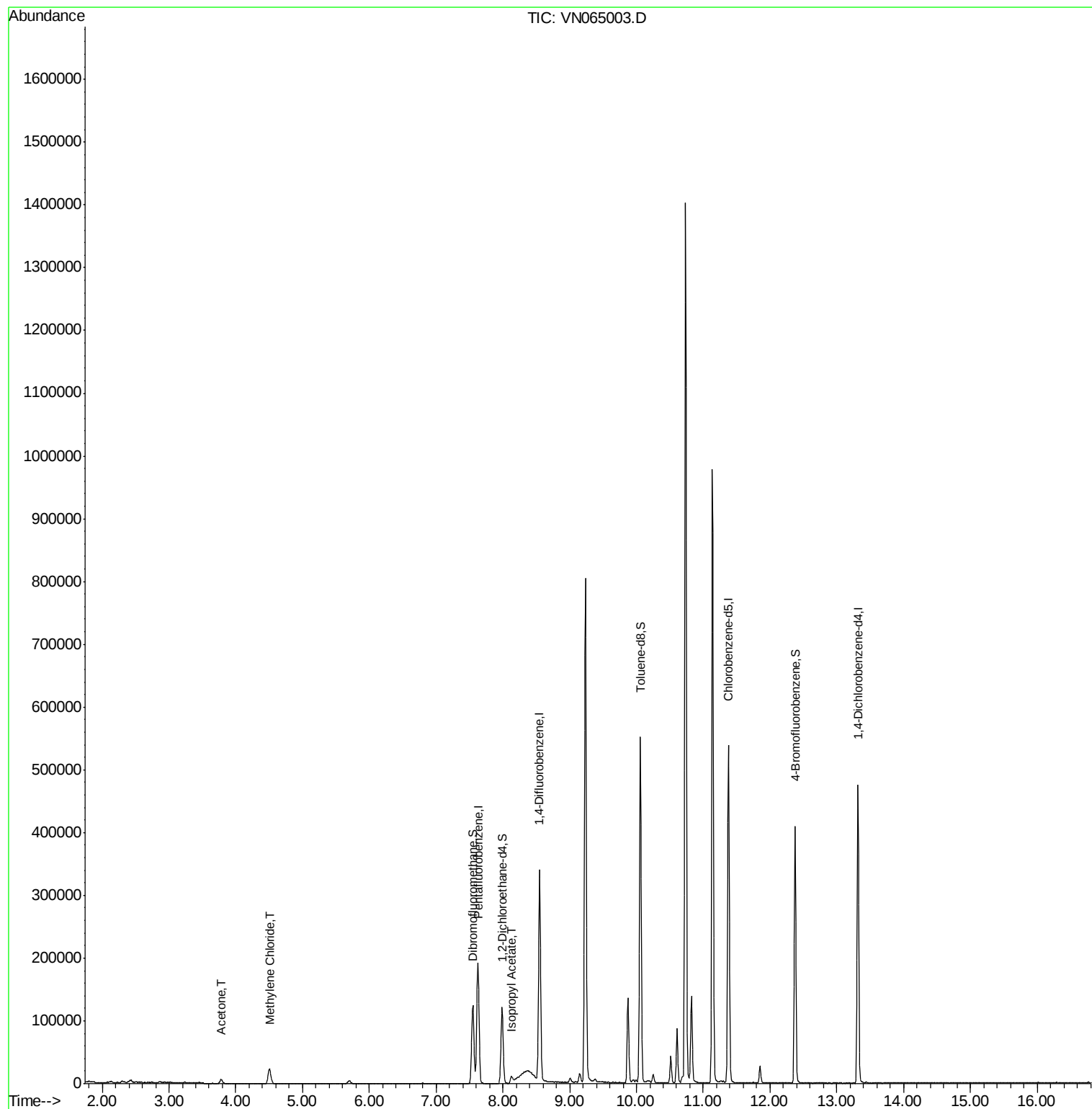
Target Compounds					Qvalue
16) Acetone	3.78	43	11636	18.762 ug/l	99
20) Methylene Chloride	4.50	84	18611	9.577 ug/l	89
43) Isopropyl Acetate	8.13	43	15236	3.370 ug/l #	93

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

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Quant Title : SW846 8260
QLast Update : Mon Nov 23 13:54:12 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN065003.D

Acq: 9 Dec 2020 5:51

Instrument :

MSVOA_N

ClientSampleId :

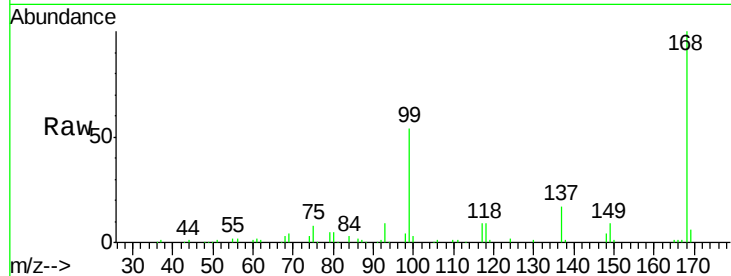
4S1-A-BOTTOM

Tot Ion:168 Resp: 162279

Ion Ratio Lower Upper

168 100

99 54.0 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

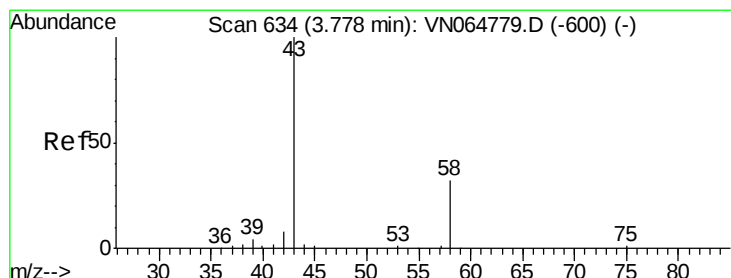
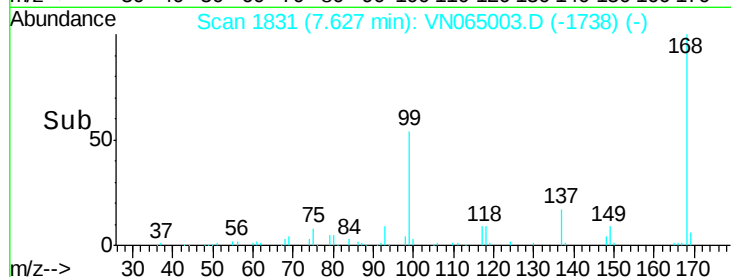
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 18.762 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.00 min

Lab File: VN065003.D

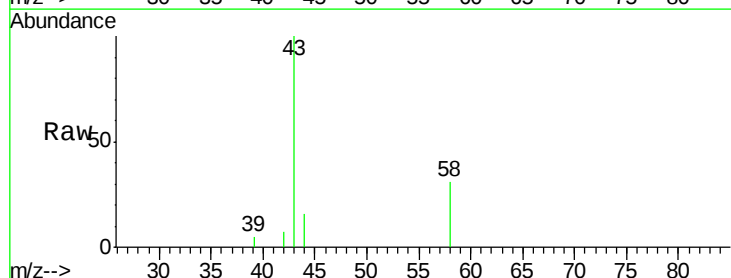
Acq: 9 Dec 2020 5:51

Tgt Ion: 43 Resp: 11636

Ion Ratio Lower Upper

43 100

58 31.3 25.7 38.5



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.78

5000

4000

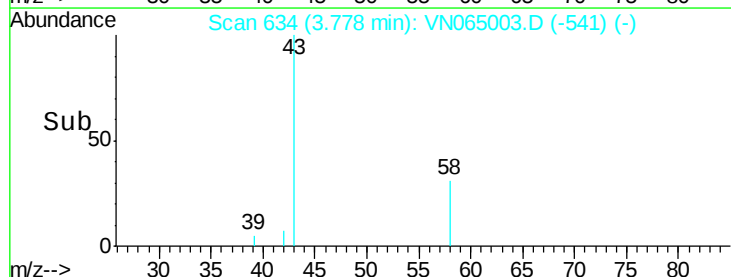
3000

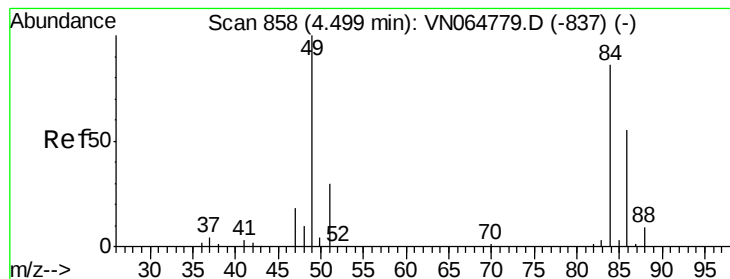
2000

1000

0

Time--> 3.70 3.75 3.80 3.85





#20

Methylene Chloride

Concen: 9.577 ug/l

RT: 4.50 min Scan# 857

Delta R.T. -0.00 min

Lab File: VN065003.D

Acq: 9 Dec 2020 5:51

Instrument :
MSVOA_N
ClientSampleId :
4S1-A-BOTTOM

Tot Ion: 84 Resp: 18611

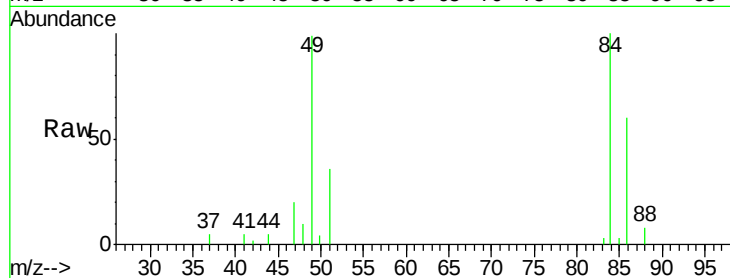
Ion Ratio Lower Upper

84 100

49 99.0 93.4 140.0

51 35.6 28.2 42.4

86 59.6 51.7 77.5

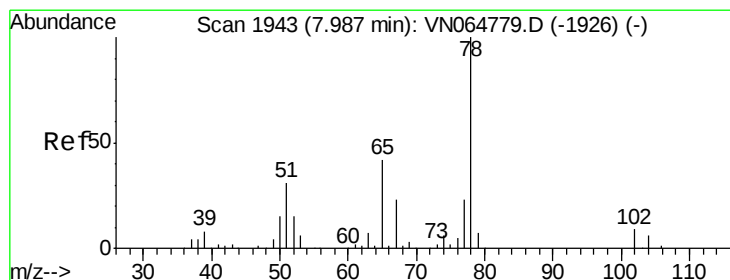
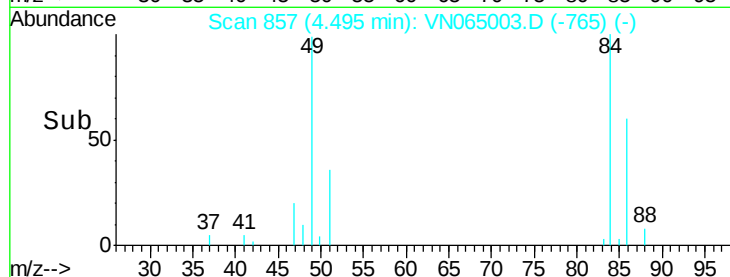
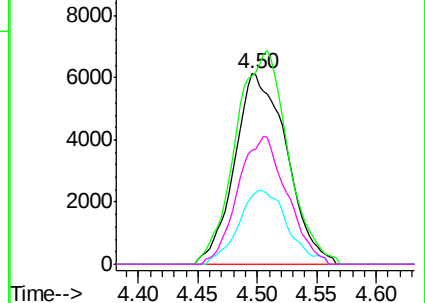


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#33

1,2-Dichloroethane-d4

Concen: 56.210 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN065003.D

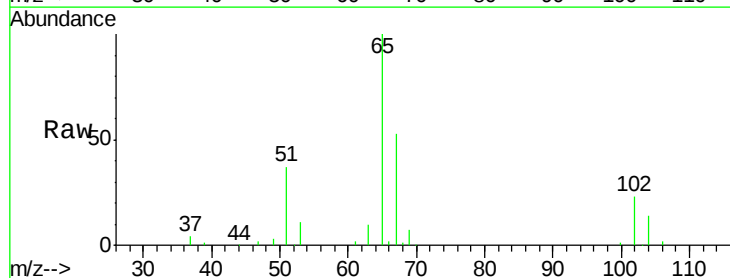
Acq: 9 Dec 2020 5:51

Tgt Ion: 65 Resp: 106045

Ion Ratio Lower Upper

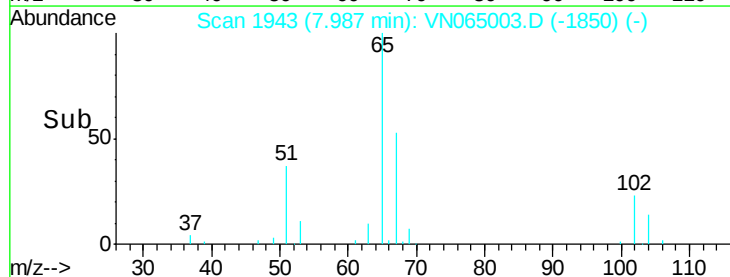
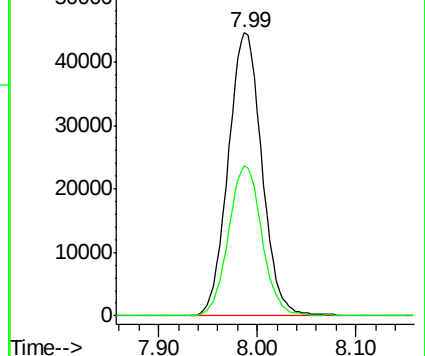
65 100

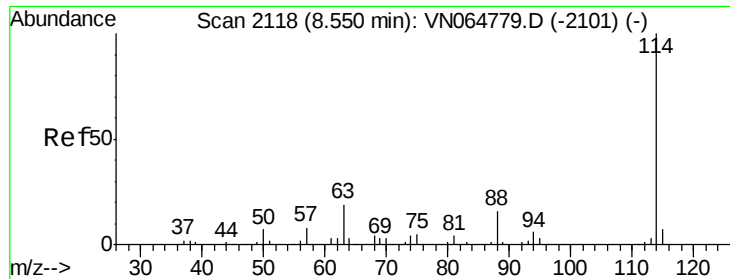
67 52.5 0.0 108.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

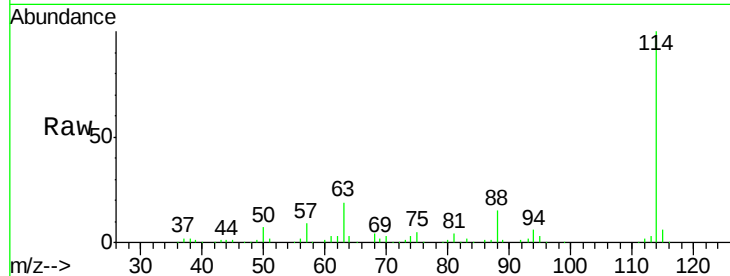




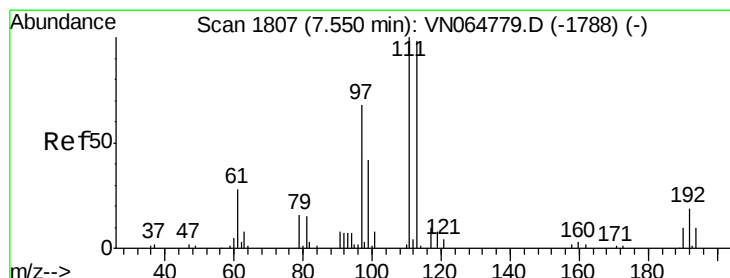
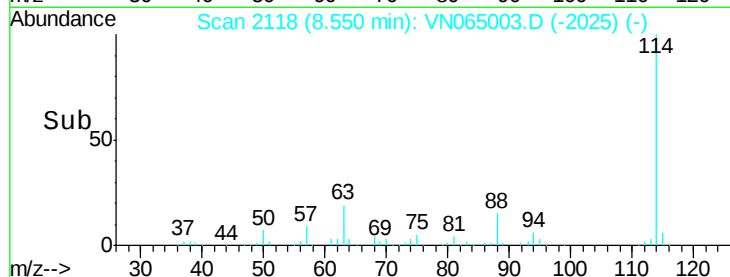
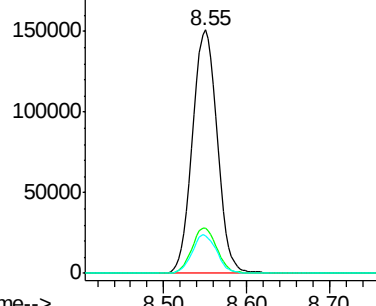
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VN065003.D
Acq: 9 Dec 2020 5:51

Instrument :
MSVOA_N
ClientSampleId :
4S1-A-BOTTOM

Tot Ion:114 Resp: 314720
Ion Ratio Lower Upper
114 100
63 18.6 0.0 38.6
88 15.4 0.0 32.6

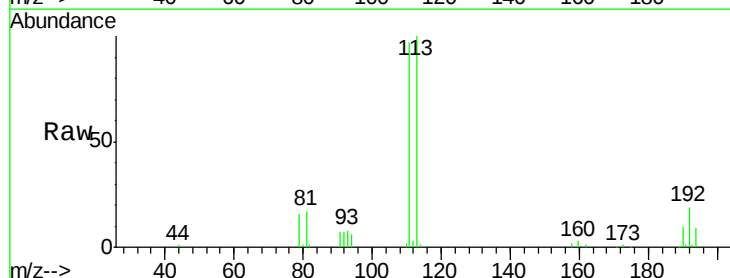


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

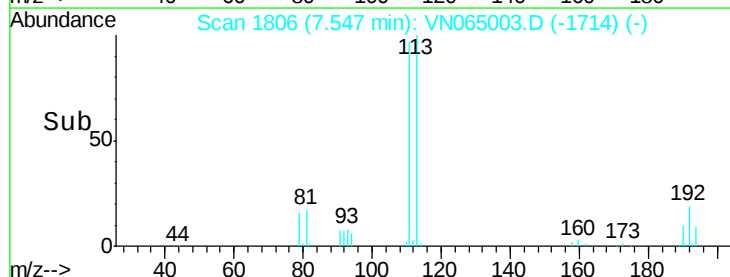
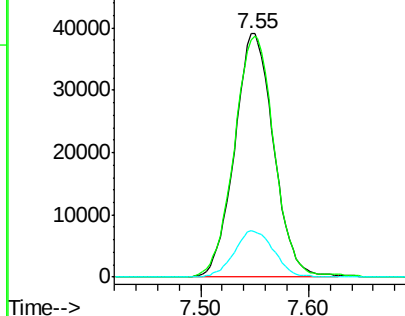


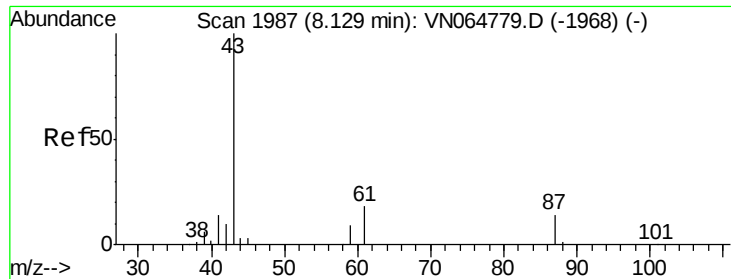
#35
Dibromofluoromethane
Concen: 52.350 ug/l
RT: 7.55 min Scan# 1806
Delta R.T. -0.00 min
Lab File: VN065003.D
Acq: 9 Dec 2020 5:51

Tgt Ion:113 Resp: 98585
Ion Ratio Lower Upper
113 100
111 100.9 81.6 122.4
192 19.3 16.2 24.2



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

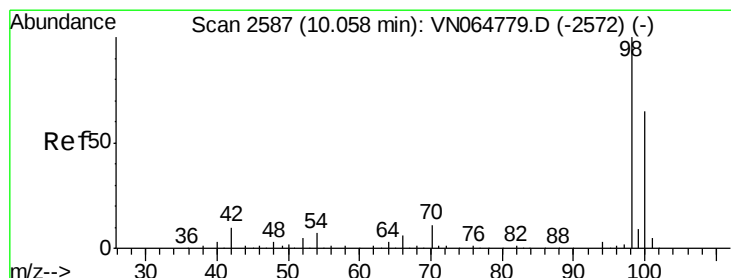
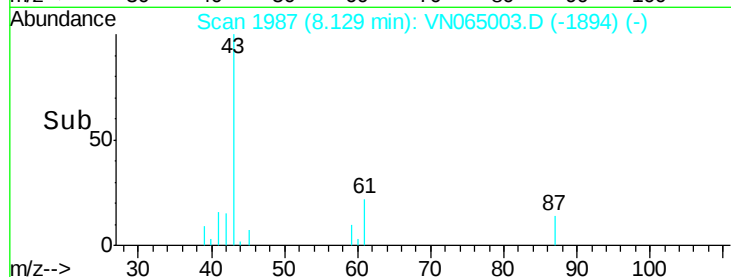
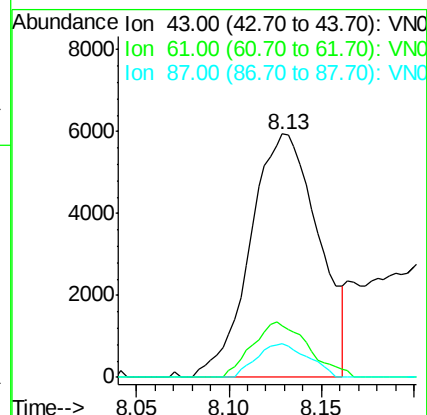
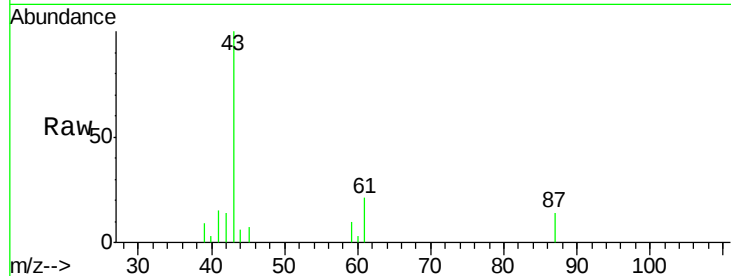




#43
Isopropyl Acetate
Concen: 3.370 ug/l
RT: 8.13 min Scan# 1987
Delta R.T. 0.00 min
Lab File: VN065003.D
Acq: 9 Dec 2020 5:51

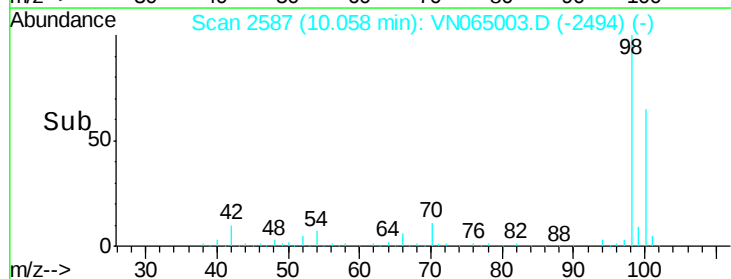
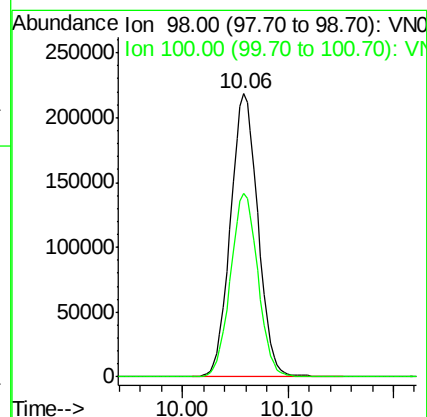
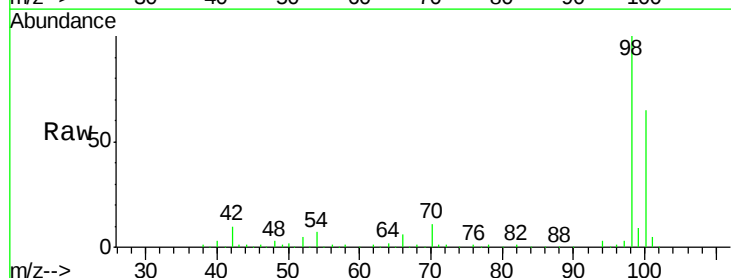
Instrument :
MSVOA_N
ClientSampleId :
4S1-A-BOTTOM

Tot Ion: 43 Resp: 15236
Ion Ratio Lower Upper
43 100
61 18.8 17.2 25.8
87 10.4 11.4 17.0#



#50
Toluene-d8
Concen: 51.150 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN065003.D
Acq: 9 Dec 2020 5:51

Tgt Ion: 98 Resp: 393579
Ion Ratio Lower Upper
98 100
100 64.9 51.7 77.5

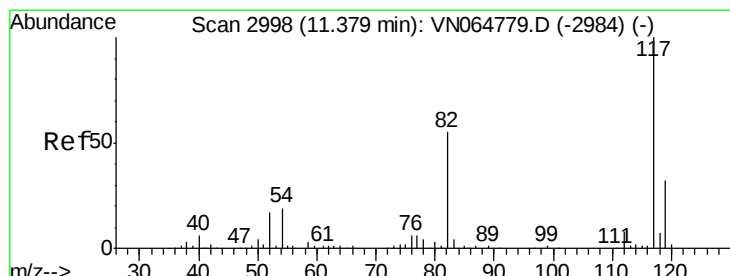
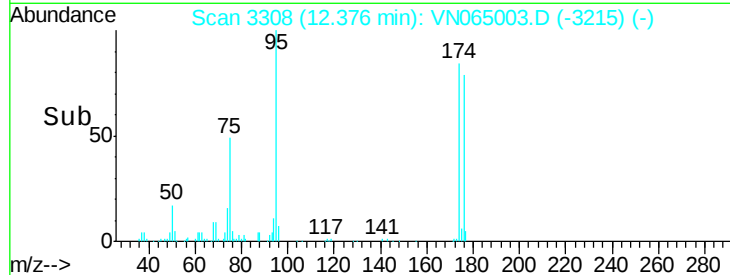
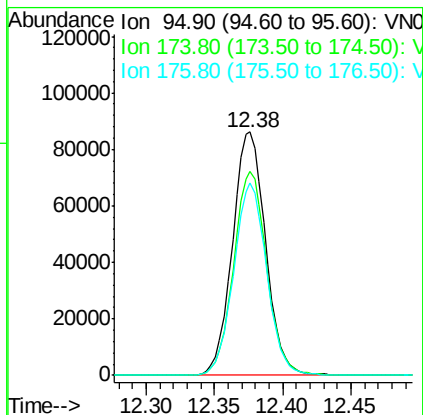
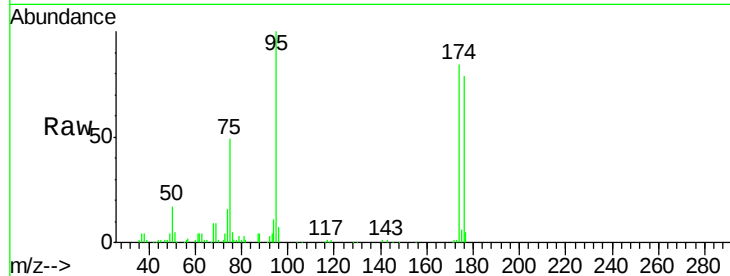




#62
4-Bromofluorobenzene
Concen: 52.751 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN065003.D
Acq: 9 Dec 2020 5:51

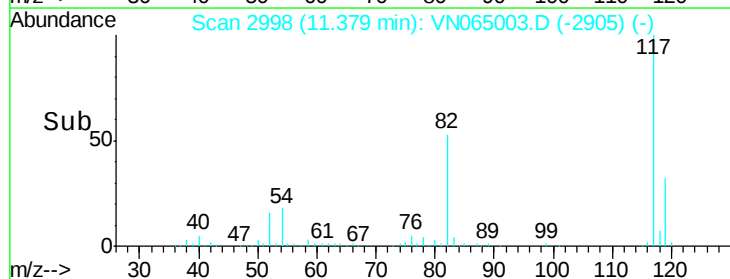
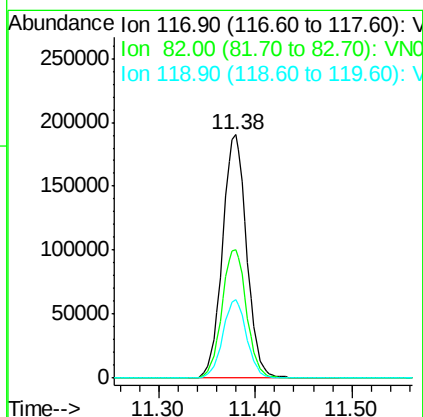
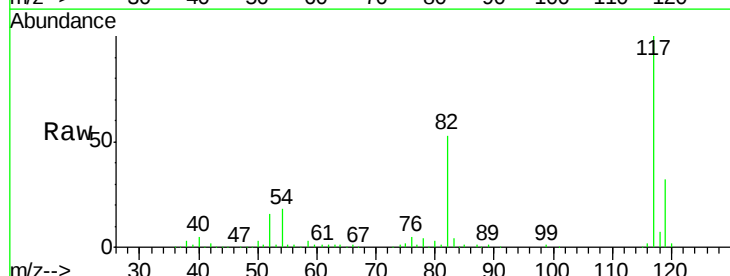
Instrument :
MSVOA_N
ClientSampleId :
4S1-A-BOTTOM

Tot Ion: 95 Resp: 145261
Ion Ratio Lower Upper
95 100
174 83.8 0.0 160.4
176 78.8 0.0 158.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN065003.D
Acq: 9 Dec 2020 5:51

Tgt Ion: 117 Resp: 330043
Ion Ratio Lower Upper
117 100
82 52.8 44.2 66.2
119 32.0 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN065003.D

Acq: 9 Dec 2020 5:51

Instrument :

MSVOA_N

ClientSampleId :

4S1-A-BOTTOM

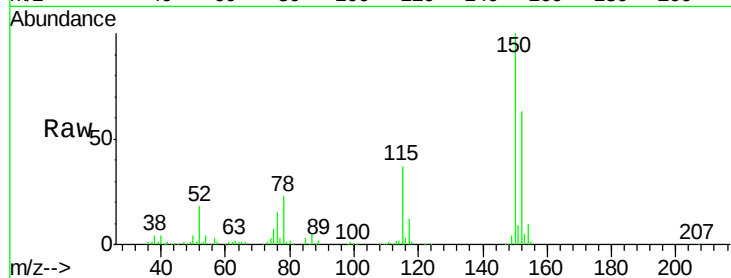
Tot Ion:152 Resp: 137199

Ion Ratio Lower Upper

152 100

115 58.2 29.7 89.1

150 156.8 0.0 350.6



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

