

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120820\
 Data File : VN064994.D
 Acq On : 9 Dec 2020 2:15
 Operator : JC/MD
 Sample : L4970-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 4S2-A-TOP

Quant Time: Dec 09 08:18:52 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	164901	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	315644	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	335189	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	142175	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	108117	56.40	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery	=	112.80%	
35) Dibromofluoromethane	7.55	113	98791	52.31	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery	=	104.62%	
50) Toluene-d8	10.06	98	397091	51.46	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery	=	102.92%	
62) 4-Bromofluorobenzene	12.38	95	150886	54.63	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery	=	109.26%	

Target Compounds

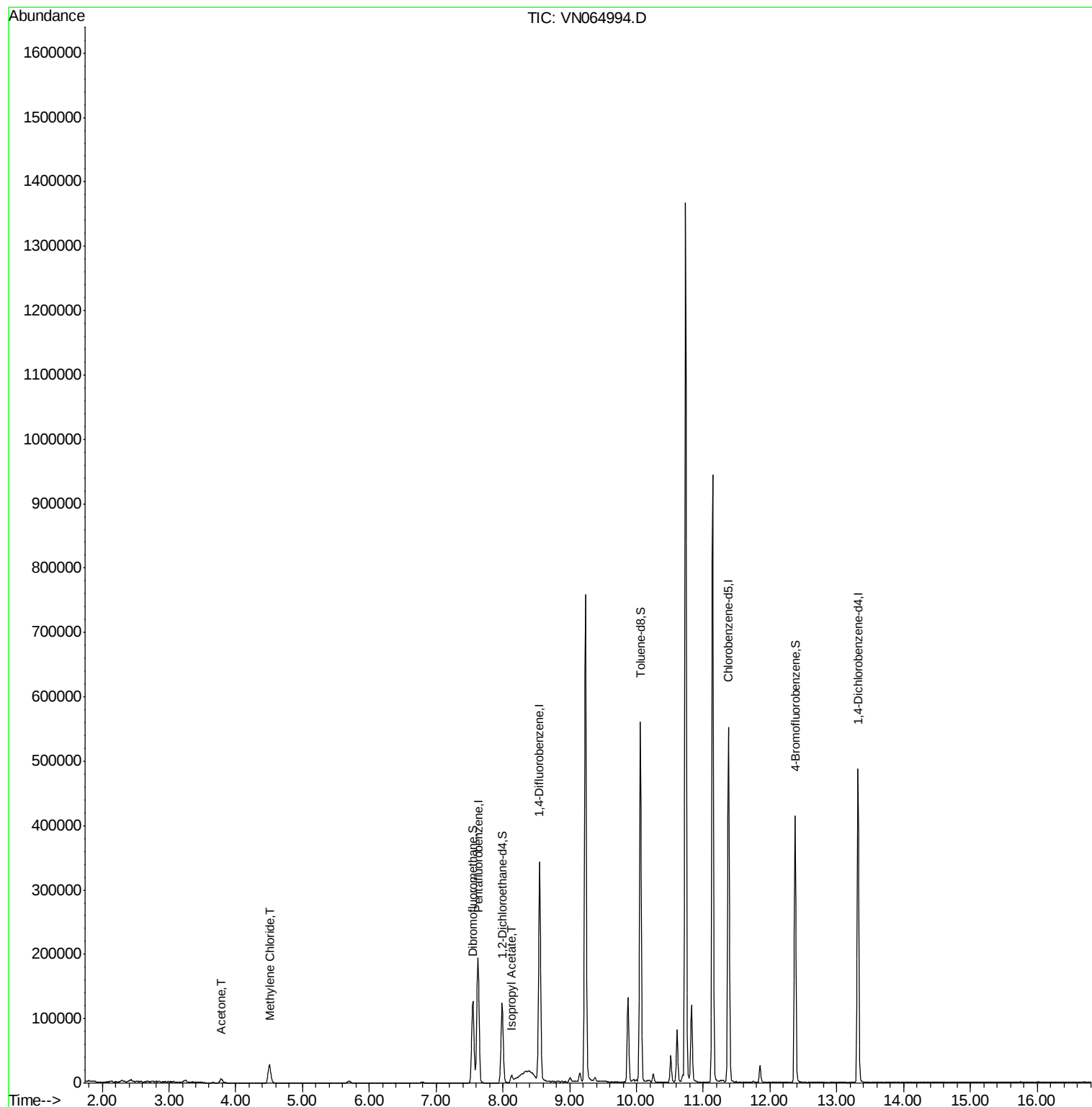
					Qvalue
16) Acetone	3.78	43	11966	18.988 ug/l	98
20) Methylene Chloride	4.51	84	21746	11.012 ug/l	94
43) Isopropyl Acetate	8.13	43	15381	3.392 ug/l #	90

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN120820\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
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: VN064994.D

Acq: 9 Dec 2020 2:15

Instrument :

MSVOA_N

ClientSampleId :

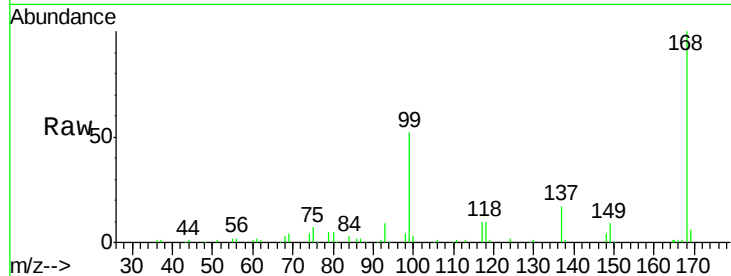
4S2-A-TOP

Tot Ion:168 Resp: 164901

Ion Ratio Lower Upper

168 100

99 52.0 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

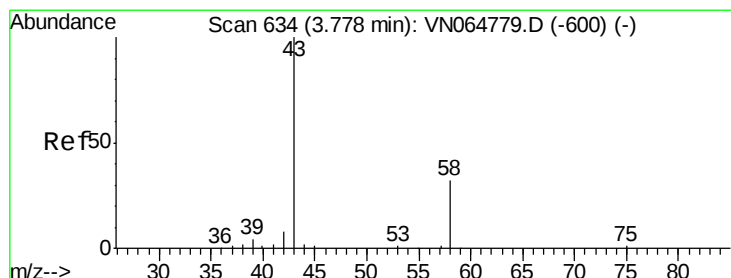
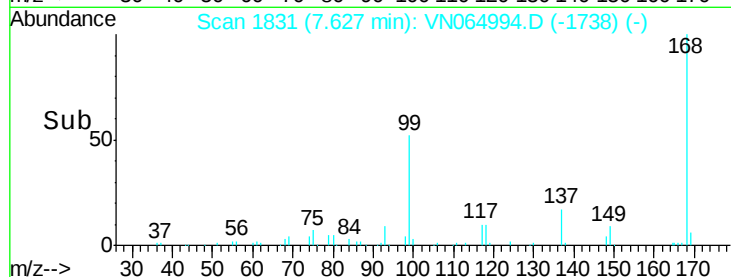
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 18.988 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.00 min

Lab File: VN064994.D

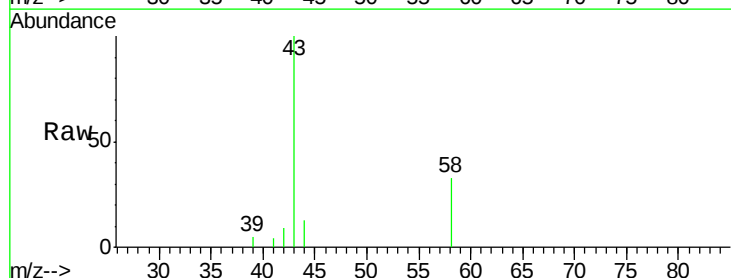
Acq: 9 Dec 2020 2:15

Tgt Ion: 43 Resp: 11966

Ion Ratio Lower Upper

43 100

58 33.2 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

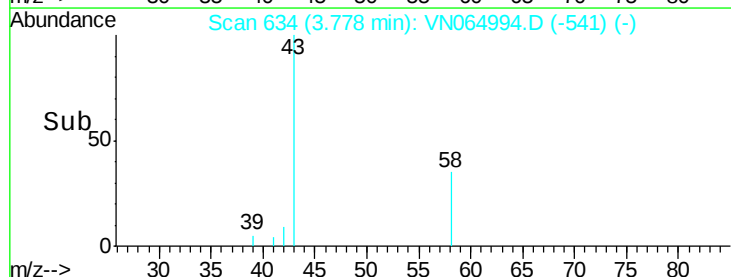
3000

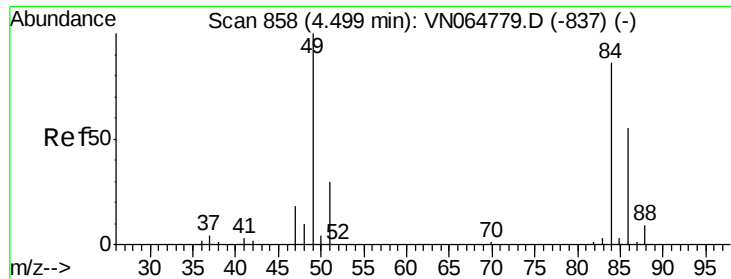
2000

1000

0

Time--> 3.70 3.75 3.80 3.85

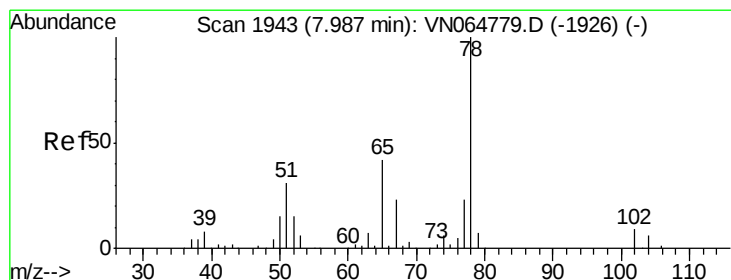
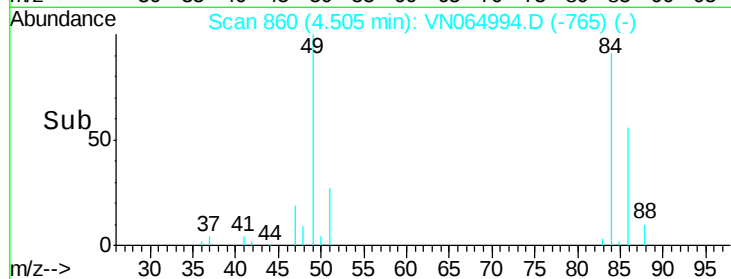
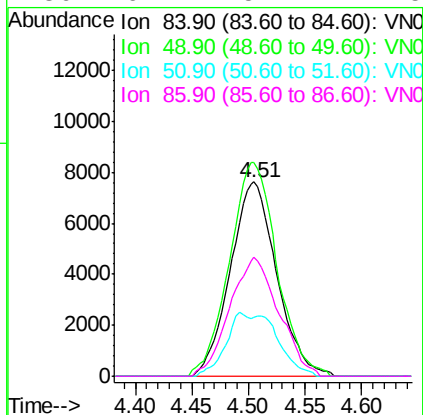
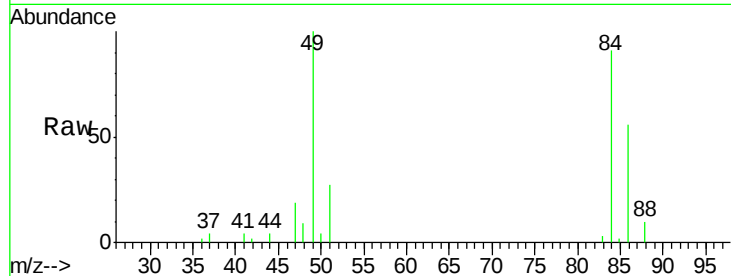




#20
Methylene Chloride
Concen: 11.012 ug/l
RT: 4.51 min Scan# 860
Delta R.T. 0.01 min
Lab File: VN064994.D
Acq: 9 Dec 2020 2:15

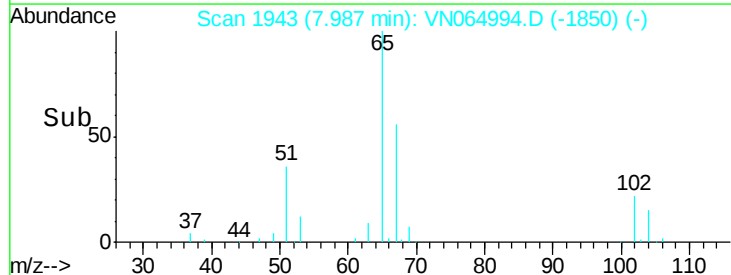
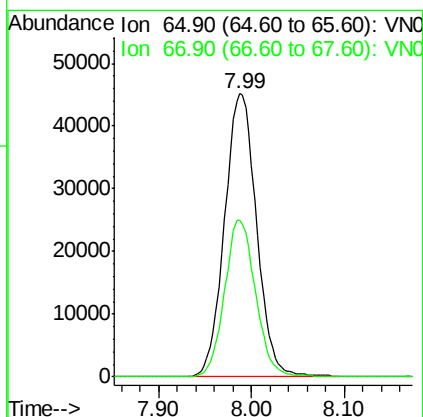
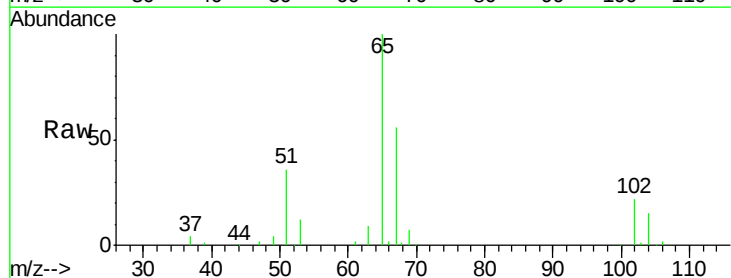
Instrument :
MSVOA_N
ClientSampled :
4S2-A-TOP

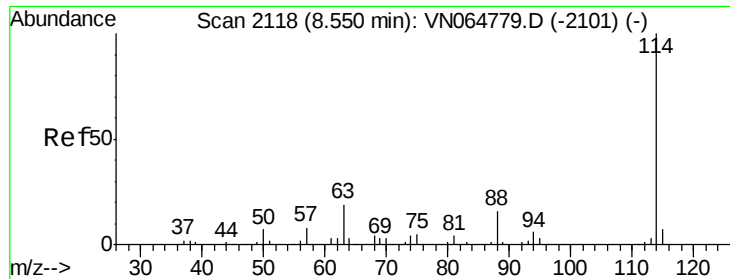
Tot Ion: 84 Resp: 21746
Ion Ratio Lower Upper
84 100
49 110.1 93.4 140.0
51 30.1 28.2 42.4
86 61.2 51.7 77.5



#33
1,2-Dichloroethane-d4
Concen: 56.397 ug/l
RT: 7.99 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN064994.D
Acq: 9 Dec 2020 2:15

Tgt Ion: 65 Resp: 108117
Ion Ratio Lower Upper
65 100
67 53.6 0.0 108.2

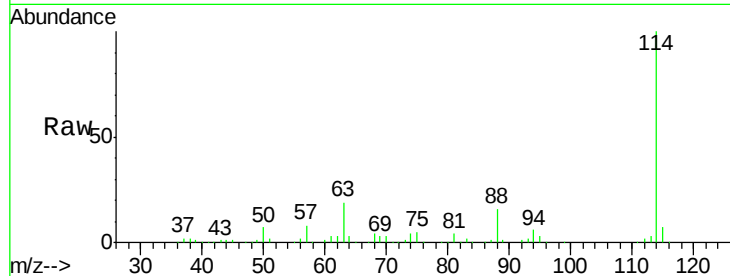




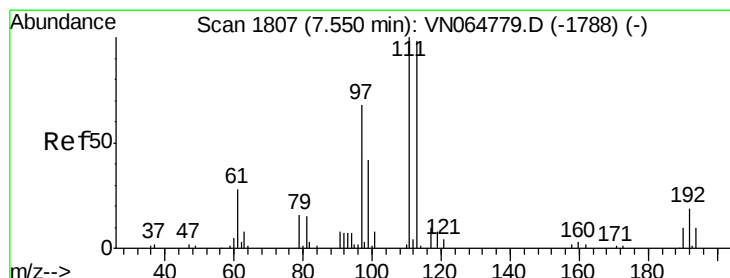
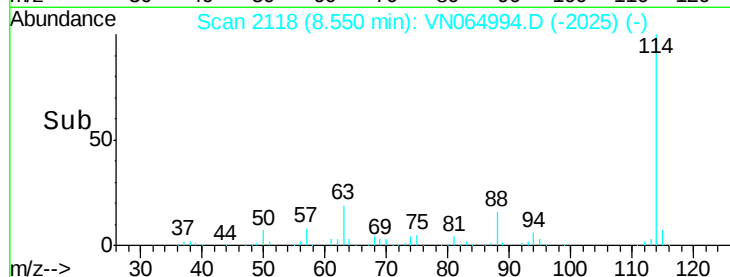
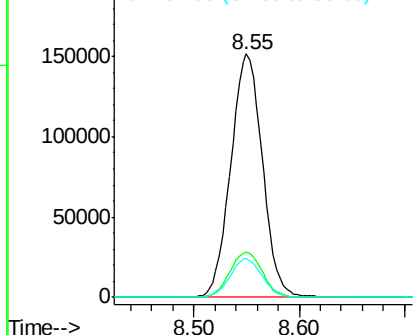
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN064994.D
 Acq: 9 Dec 2020 2:15

Instrument :
 MSVOA_N
 ClientSampleId :
 4S2-A-TOP

Tot Ion:114 Resp: 315644
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 38.6
 88 15.7 0.0 32.6

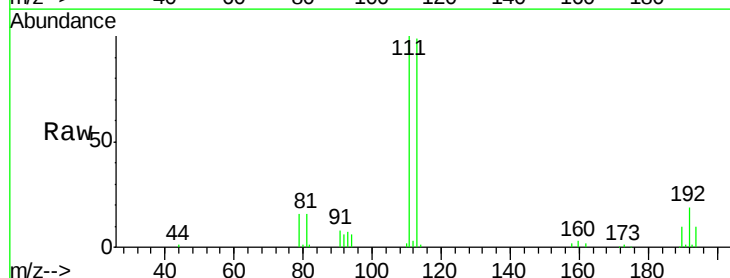


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

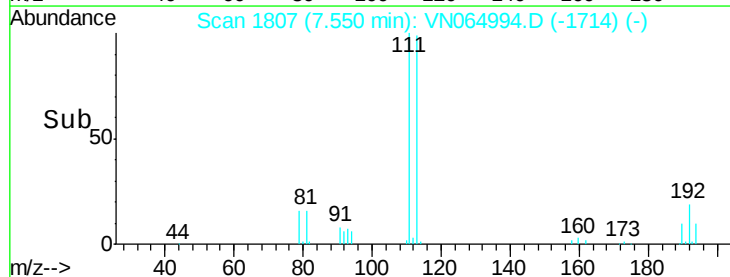
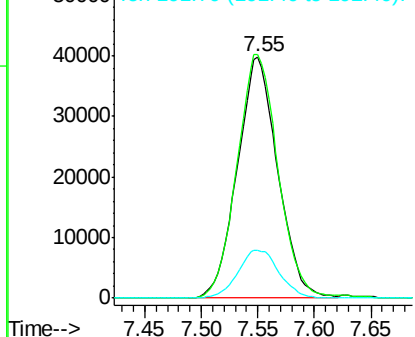


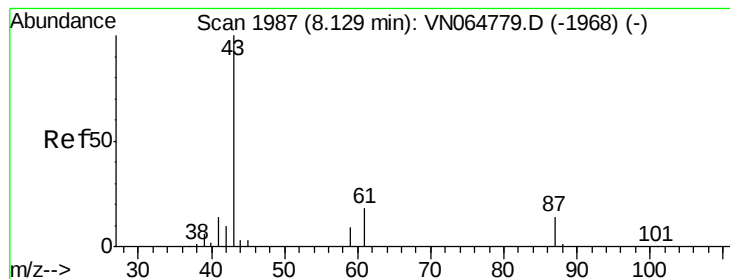
#35
 Dibromofluoromethane
 Concen: 52.306 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN064994.D
 Acq: 9 Dec 2020 2:15

Tgt Ion:113 Resp: 98791
 Ion Ratio Lower Upper
 113 100
 111 103.1 81.6 122.4
 192 20.2 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: 3.392 ug/l

RT: 8.13 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN064994.D

Acq: 9 Dec 2020 2:15

Instrument :

MSVOA_N

ClientSampleId :

4S2-A-TOP

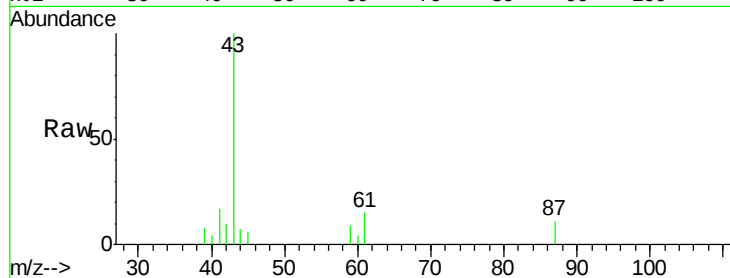
Tot Ion: 43 Resp: 15381

Ion Ratio Lower Upper

43 100

61 17.0 17.2 25.8#

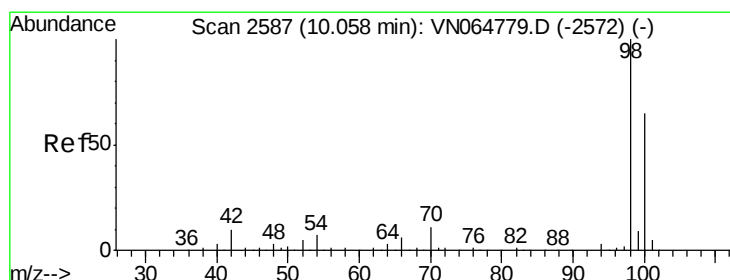
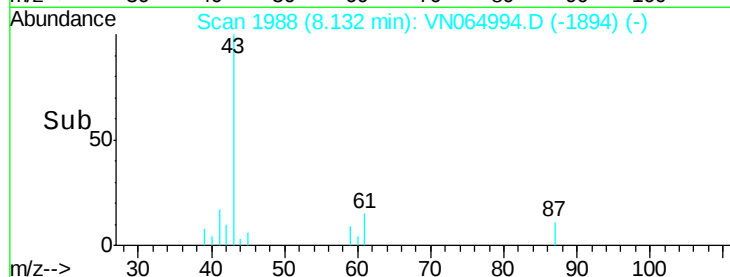
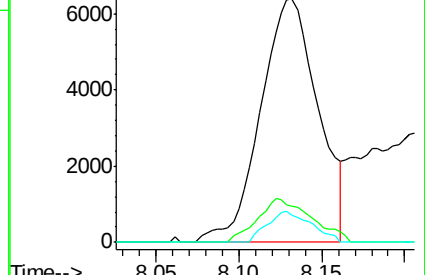
87 9.7 11.4 17.0#



Abundance Ion 43.00 (42.70 to 43.70): VN064779.D (-1968) (-)

Ion 61.00 (60.70 to 61.70): VN064779.D (-1968) (-)

Ion 87.00 (86.70 to 87.70): VN064779.D (-1968) (-)



#50

Toluene-d8

Concen: 51.456 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN064994.D

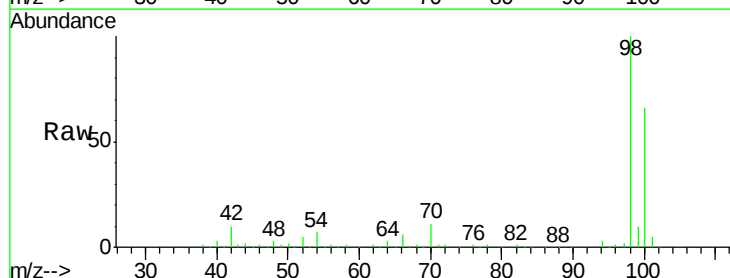
Acq: 9 Dec 2020 2:15

Tgt Ion: 98 Resp: 397091

Ion Ratio Lower Upper

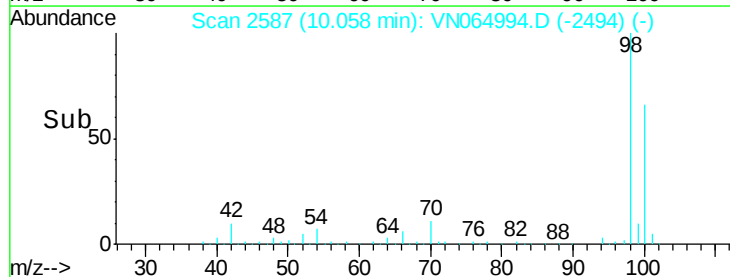
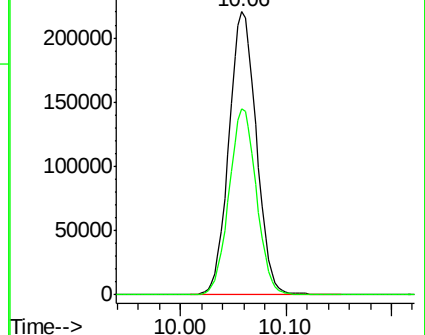
98 100

100 65.5 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN064779.D (-2572) (-)

Ion 100.00 (99.70 to 100.70): VN064779.D (-2572) (-)

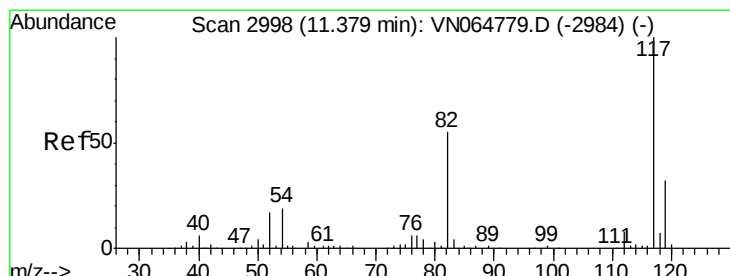
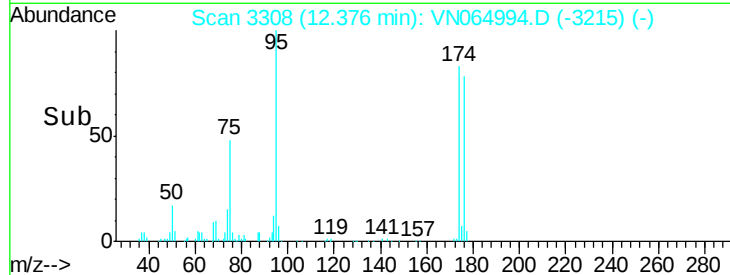
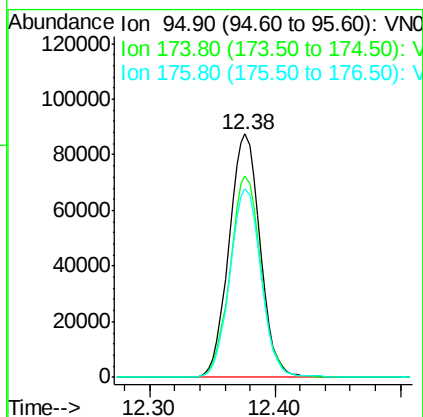
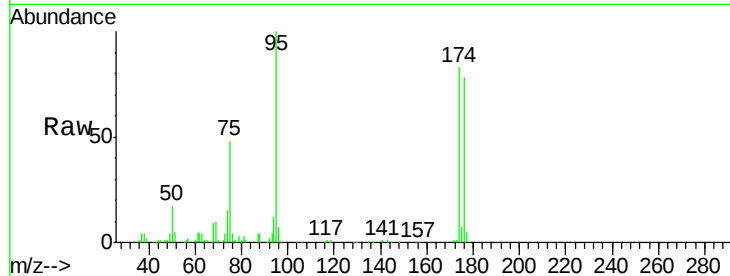




#62
 4-Bromofluorobenzene
 Concen: 54.633 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. 0.00 min
 Lab File: VN064994.D
 Acq: 9 Dec 2020 2:15

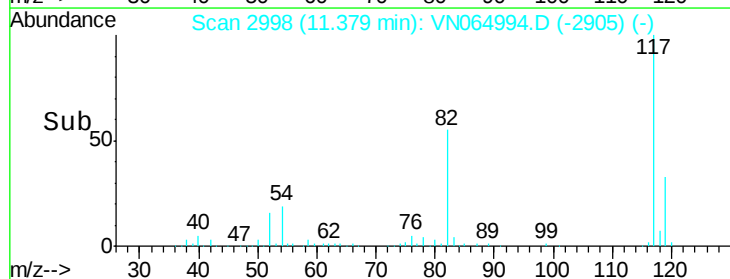
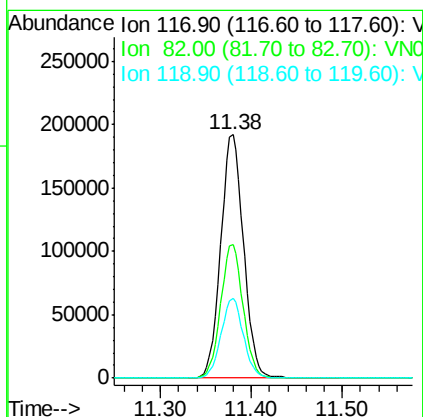
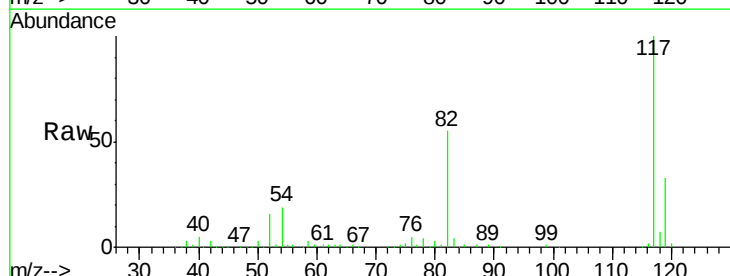
Instrument :
 MSVOA_N
 ClientSampleId :
 4S2-A-TOP

Tot Ion: 95 Resp: 150886
 Ion Ratio Lower Upper
 95 100
 174 82.1 0.0 160.4
 176 77.5 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: VN064994.D
 Acq: 9 Dec 2020 2:15

Tgt Ion: 117 Resp: 335189
 Ion Ratio Lower Upper
 117 100
 82 54.7 44.2 66.2
 119 32.9 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: VN064994.D

Acq: 9 Dec 2020 2:15

Instrument :

MSVOA_N

ClientSampleId :

4S2-A-TOP

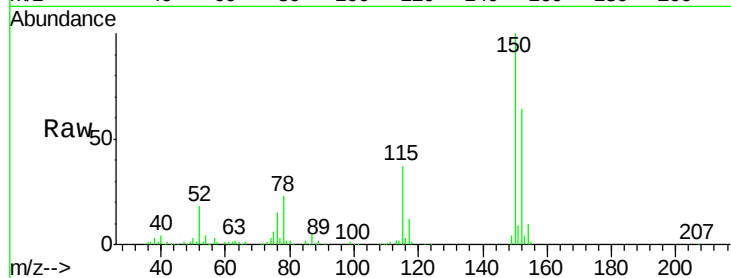
Tot Ion:152 Resp: 142175

Ion Ratio Lower Upper

152 100

115 58.2 29.7 89.1

150 156.2 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

