

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120820\
 Data File : VN064993.D
 Acq On : 9 Dec 2020 1:51
 Operator : JC/MD
 Sample : L4966-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 239995

Quant Time: Dec 09 08:16:52 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	169927	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	327402	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	343969	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	145817	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	110487	55.93	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	111.86%		
35) Dibromofluoromethane	7.55	113	101101	51.61	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	103.22%		
50) Toluene-d8	10.06	98	409718	51.19	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	102.38%		
62) 4-Bromofluorobenzene	12.37	95	156225	54.53	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	109.06%		

Target Compounds

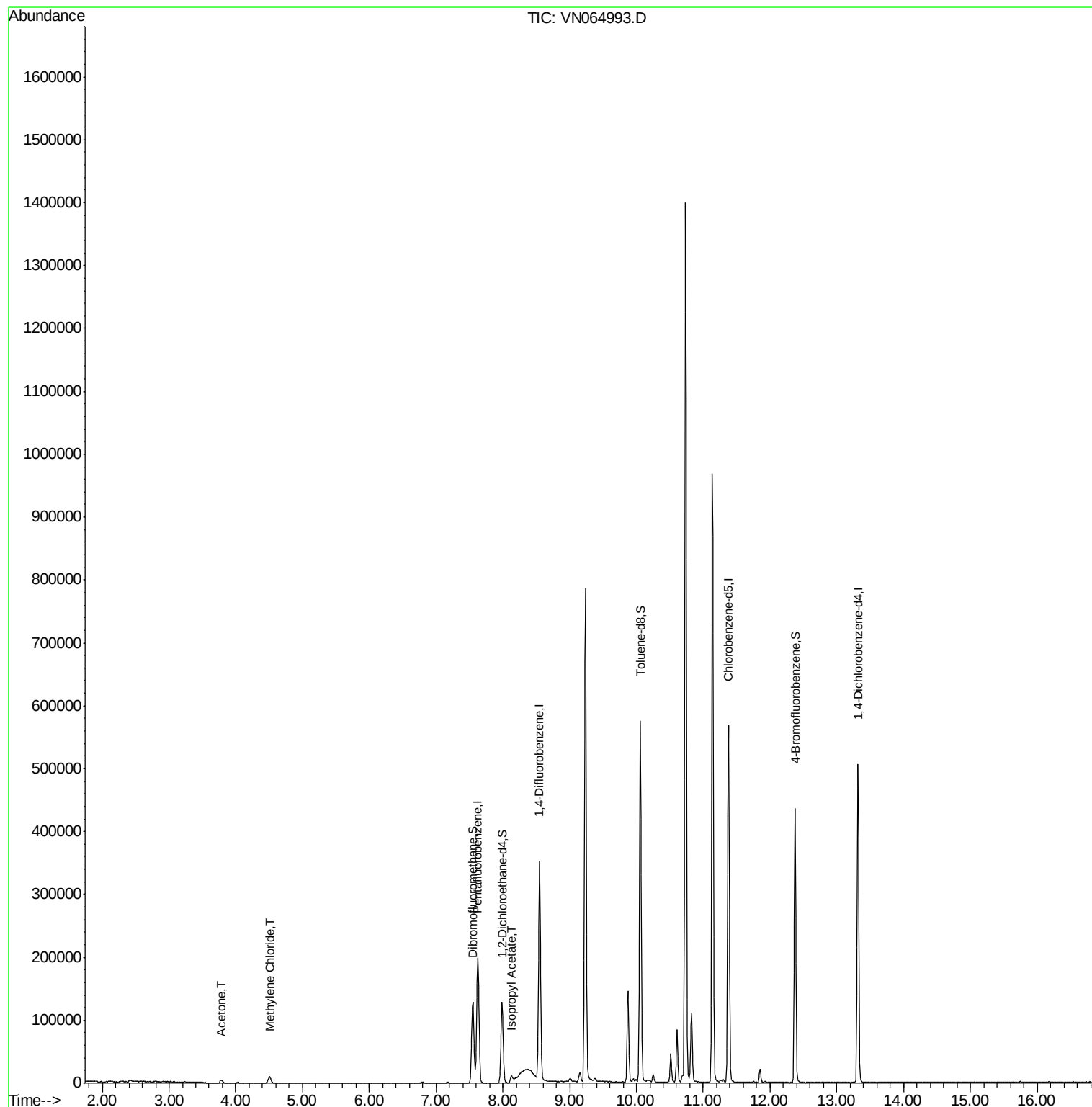
					Qvalue
16) Acetone	3.78	43	7380	11.364 ug/l	99
20) Methylene Chloride	4.51	84	7854	3.860 ug/l	97
43) Isopropyl Acetate	8.13	43	16561	3.521 ug/l #	79

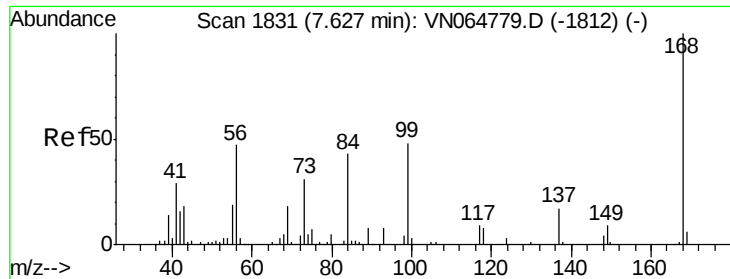
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN064993.D

Acq: 9 Dec 2020 1:51

Instrument :

MSVOA_N

ClientSampleId :

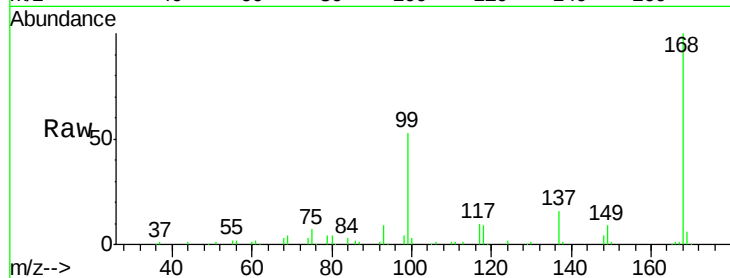
239995

Tot Ion:168 Resp: 169927

Ion Ratio Lower Upper

168 100

99 53.1 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

80000

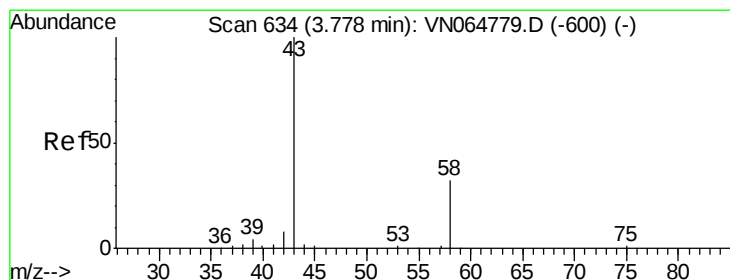
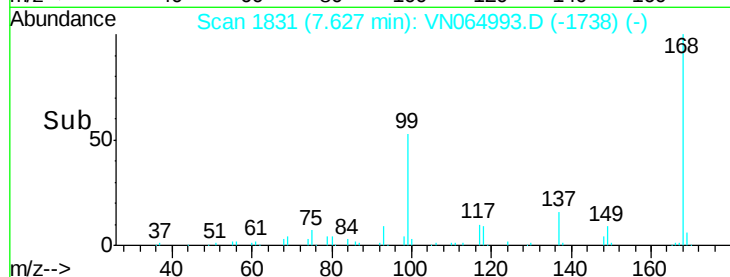
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 11.364 ug/l

RT: 3.78 min Scan# 633

Delta R.T. -0.00 min

Lab File: VN064993.D

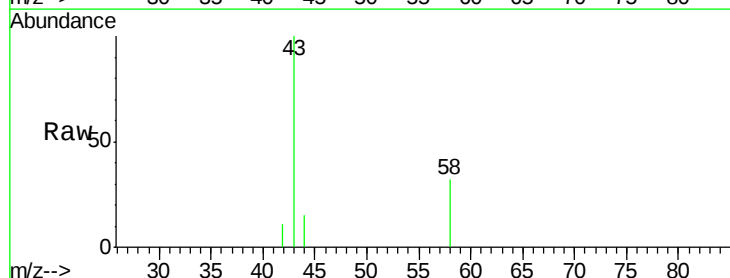
Acq: 9 Dec 2020 1:51

Tgt Ion: 43 Resp: 7380

Ion Ratio Lower Upper

43 100

58 32.5 25.7 38.5



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.78

2500

2000

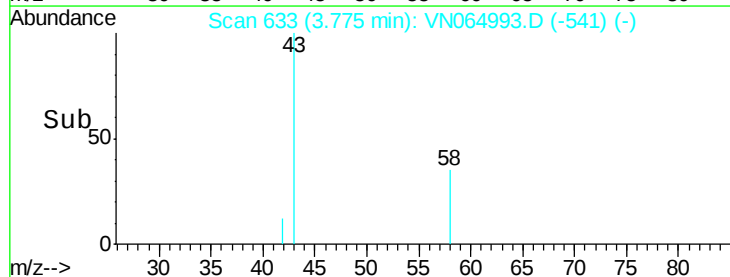
1500

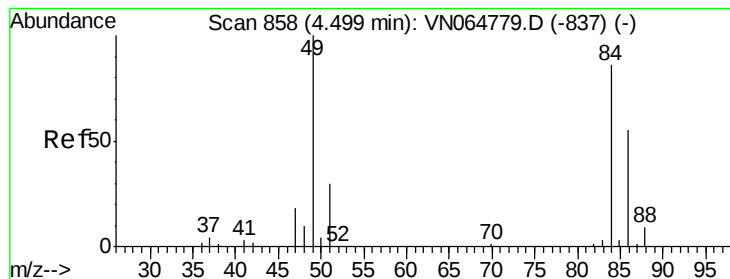
1000

500

0

Time--> 3.70 3.75 3.80 3.85





#20

Methylene Chloride

Concen: 3.860 ug/l

RT: 4.51 min Scan# 860

Delta R.T. 0.01 min

Lab File: VN064993.D

Acq: 9 Dec 2020 1:51

Instrument :

MSVOA_N

ClientSampleId :

239995

Tot Ion: 84 Resp: 7854

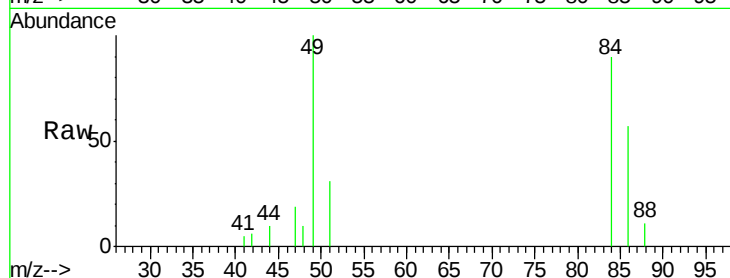
Ion Ratio Lower Upper

84 100

49 111.3 93.4 140.0

51 34.7 28.2 42.4

86 63.0 51.7 77.5

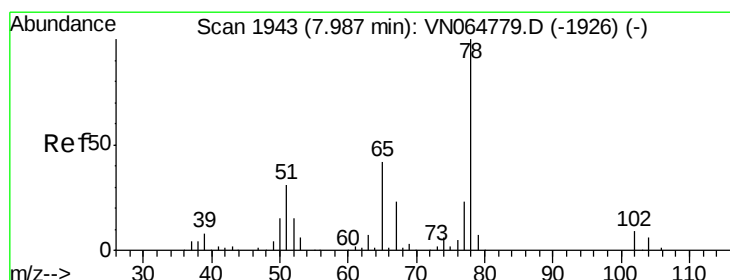
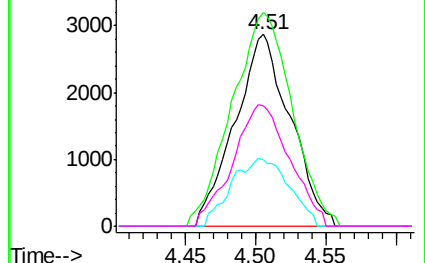
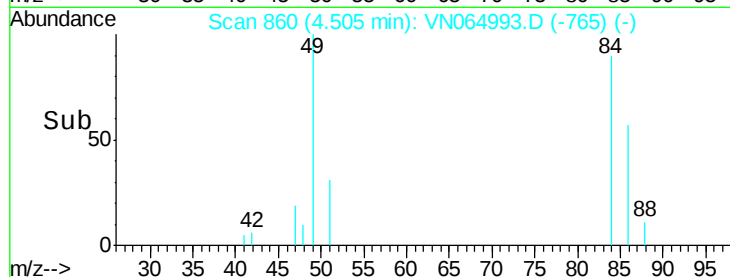


Abundance Ion 83.90 (83.60 to 84.60): VN0

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: 55.928 ug/l

RT: 7.98 min Scan# 1942

Delta R.T. -0.00 min

Lab File: VN064993.D

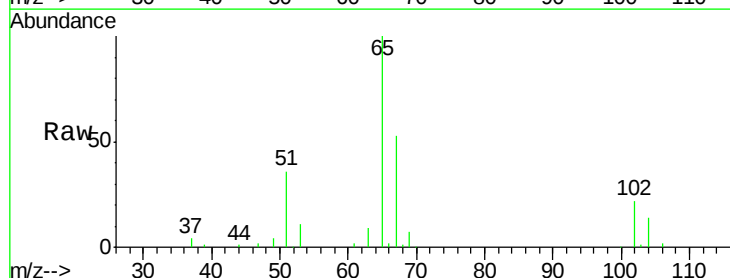
Acq: 9 Dec 2020 1:51

Tgt Ion: 65 Resp: 110487

Ion Ratio Lower Upper

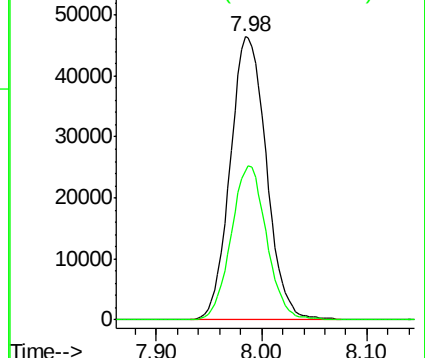
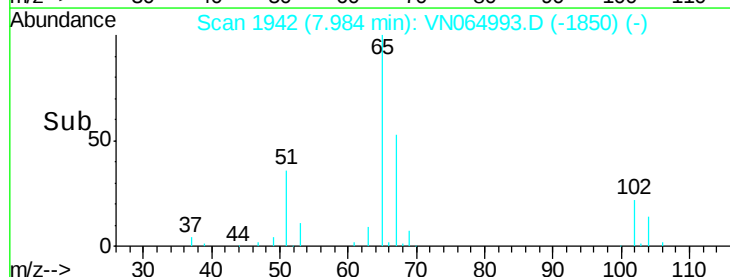
65 100

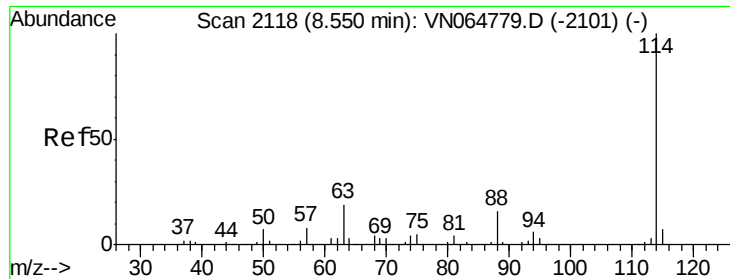
67 53.3 0.0 108.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

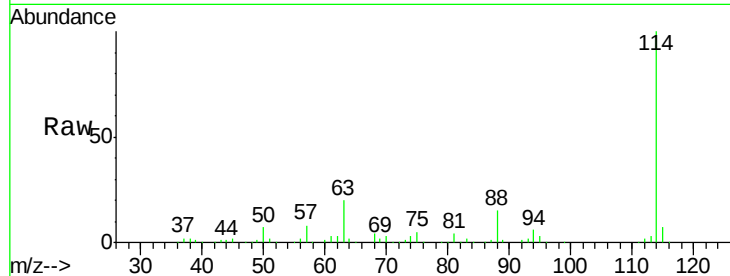




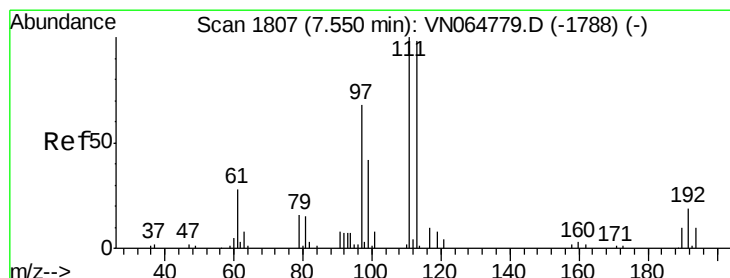
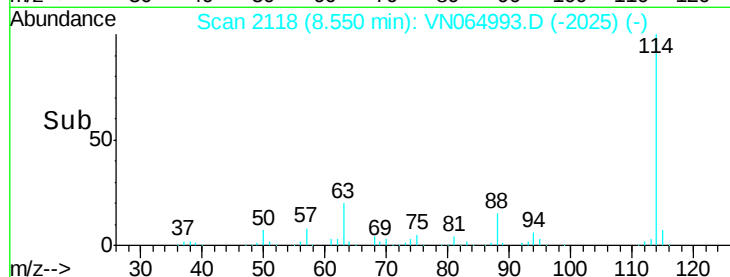
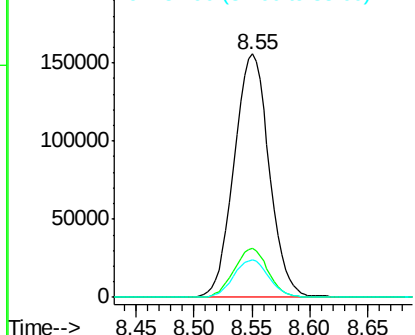
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VN064993.D
Acq: 9 Dec 2020 1:51

Instrument :
MSVOA_N
ClientSampleId :
239995

Tot Ion:114 Resp: 327402
Ion Ratio Lower Upper
114 100
63 19.9 0.0 38.6
88 15.2 0.0 32.6

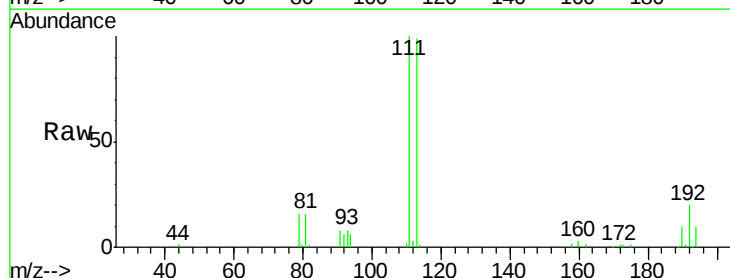


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

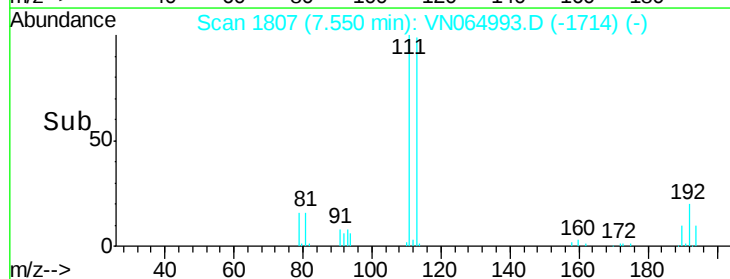
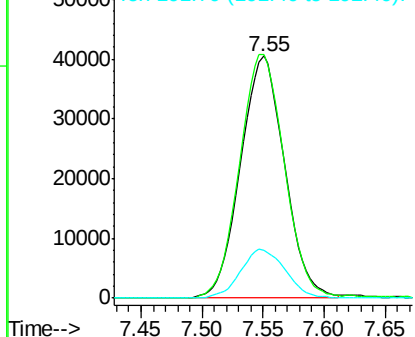


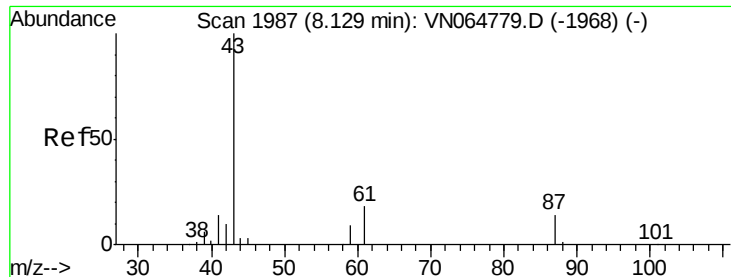
#35
Dibromofluoromethane
Concen: 51.607 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN064993.D
Acq: 9 Dec 2020 1:51

Tgt Ion:113 Resp: 101101
Ion Ratio Lower Upper
113 100
111 102.3 81.6 122.4
192 20.4 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: 3.521 ug/l

RT: 8.13 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN064993.D

Acq: 9 Dec 2020 1:51

Instrument :

MSVOA_N

ClientSampleId :

239995

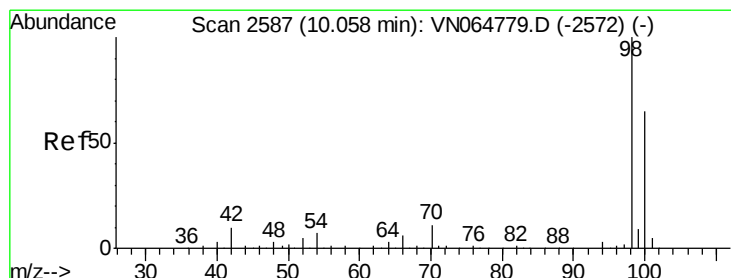
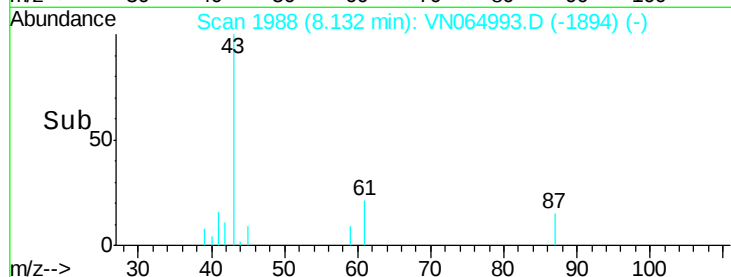
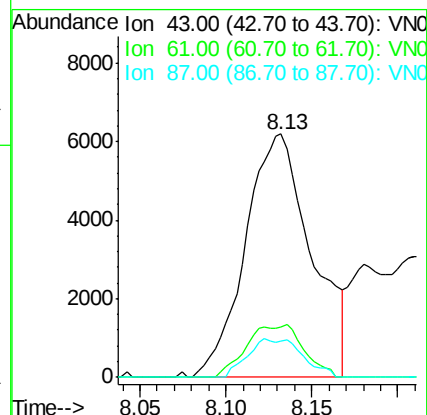
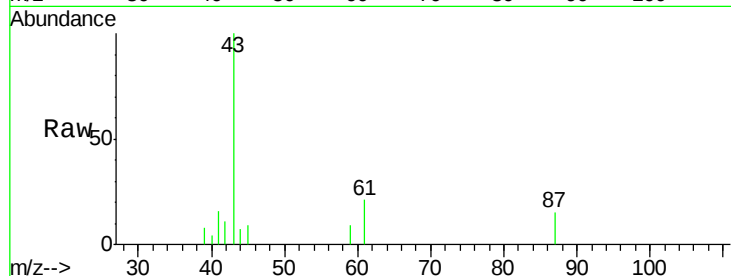
Tot Ion: 43 Resp: 16561

Ion Ratio Lower Upper

43 100

61 10.3 17.2 25.8#

87 6.9 11.4 17.0#



#50

Toluene-d8

Concen: 51.185 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN064993.D

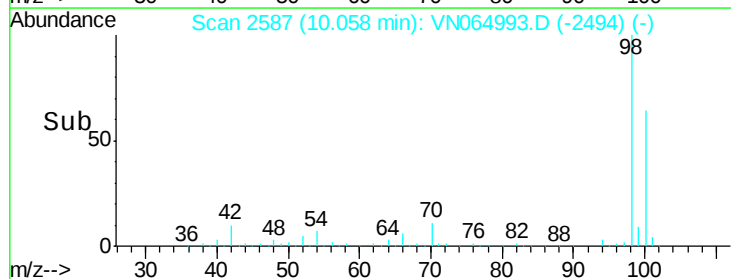
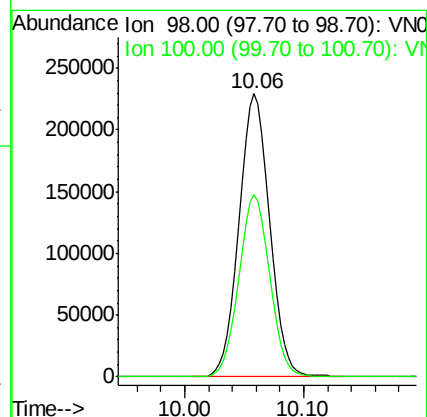
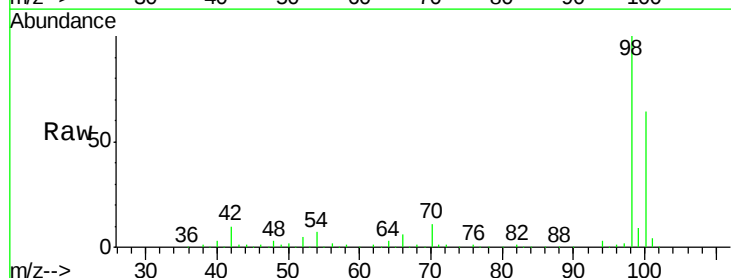
Acq: 9 Dec 2020 1:51

Tgt Ion: 98 Resp: 409718

Ion Ratio Lower Upper

98 100

100 64.8 51.7 77.5

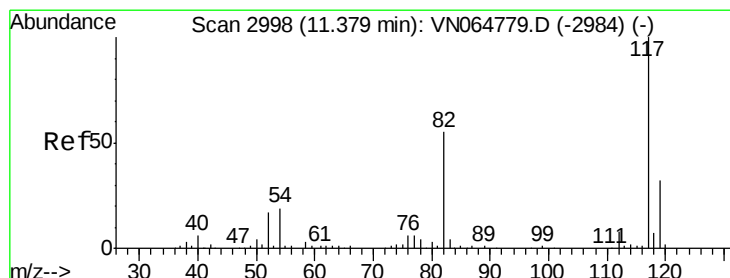
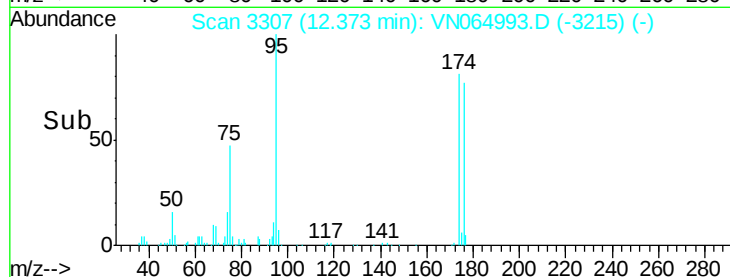
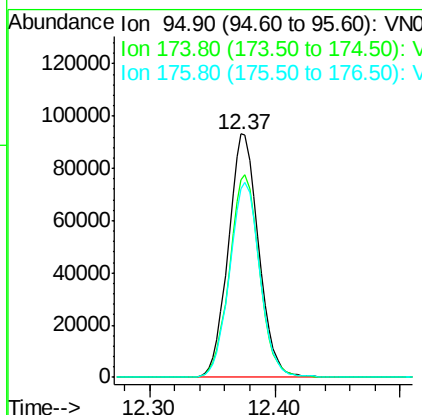
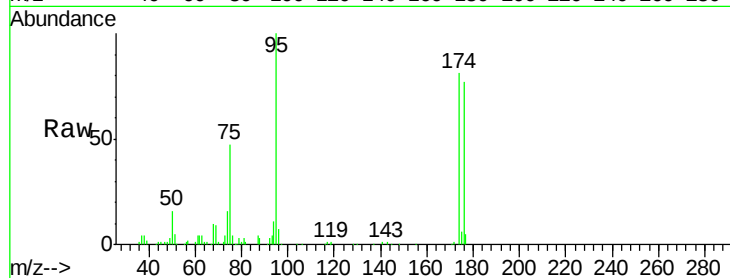




#62
4-Bromofluorobenzene
Concen: 54.535 ug/l
RT: 12.37 min Scan# 3307
Delta R.T. -0.00 min
Lab File: VN064993.D
Acq: 9 Dec 2020 1:51

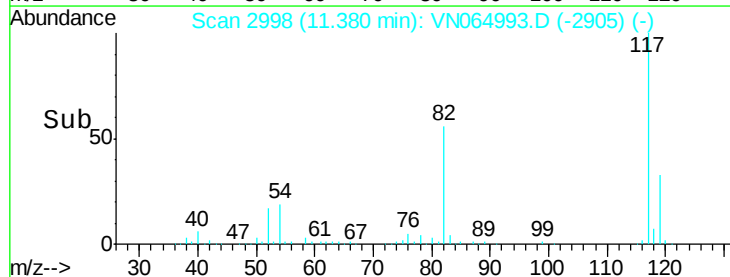
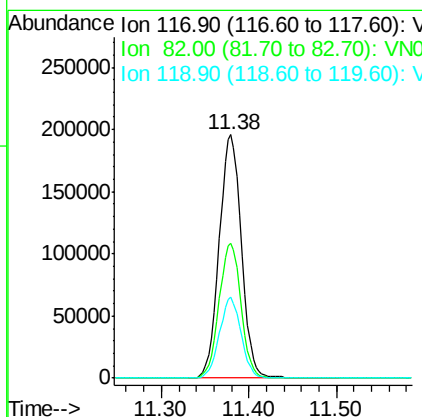
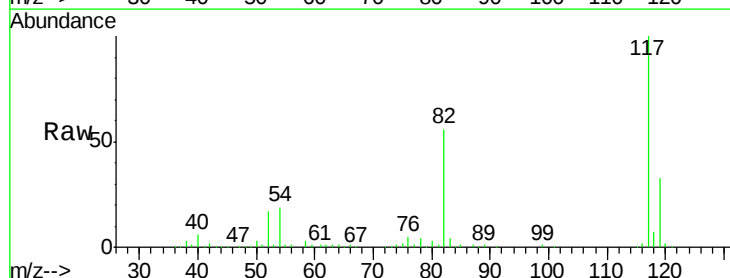
Instrument :
MSVOA_N
ClientSampled :
239995

Tot Ion: 95 Resp: 156225
Ion Ratio Lower Upper
95 100
174 82.2 0.0 160.4
176 79.9 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: VN064993.D
Acq: 9 Dec 2020 1:51

Tgt Ion: 117 Resp: 343969
Ion Ratio Lower Upper
117 100
82 55.6 44.2 66.2
119 33.2 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3600

Delta R.T. -0.00 min

Lab File: VN064993.D

Acq: 9 Dec 2020 1:51

Instrument :

MSVOA_N

ClientSampleId :

239995

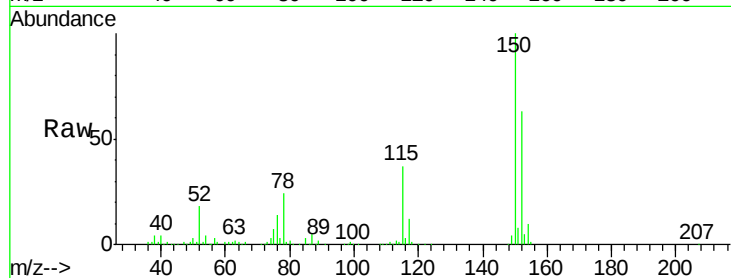
Tot Ion:152 Resp: 145817

Ion Ratio Lower Upper

152 100

115 58.6 29.7 89.1

150 160.3 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

