

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120820\
 Data File : VN064997.D
 Acq On : 9 Dec 2020 3:27
 Operator : JC/MD
 Sample : L4970-07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 4S2-B-BOTTOM

Quant Time: Dec 09 08:23:26 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	165111	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	316748	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	335338	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	139101	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	109682	57.14	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery	=	114.28%	
35) Dibromofluoromethane	7.55	113	99398	52.44	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery	=	104.88%	
50) Toluene-d8	10.06	98	403871	52.15	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery	=	104.30%	
62) 4-Bromofluorobenzene	12.38	95	148973	53.75	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery	=	107.50%	

Target Compounds

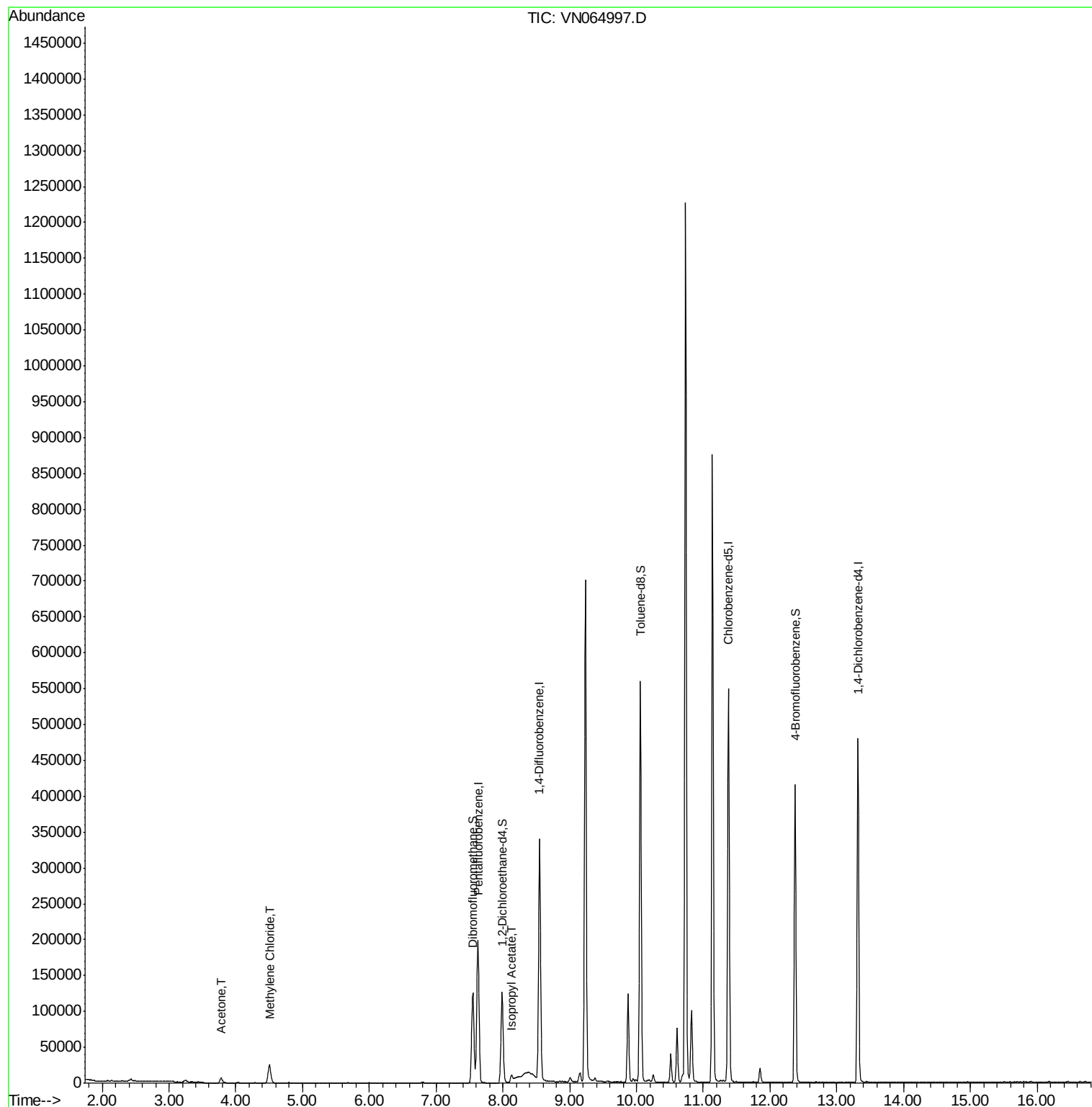
					Qvalue
16) Acetone	3.78	43	11509	18.239 ug/l	90
20) Methylene Chloride	4.50	84	19925	10.077 ug/l	94
43) Isopropyl Acetate	8.13	43	15112	3.321 ug/l #	88

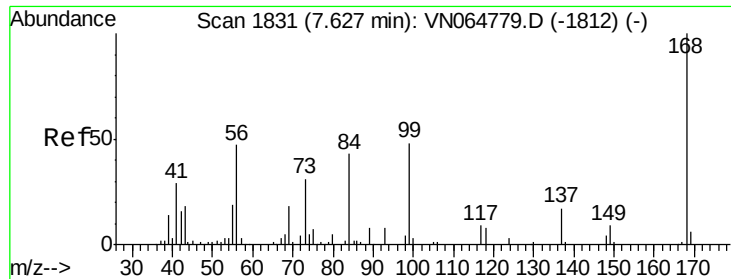
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN120820\
Data File : VN064997.D
Acq On : 9 Dec 2020 3:27
Operator : JC/MD
Sample : L4970-07
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
4S2-B-BOTTOM

Quant Time: Dec 09 08:23:26 2020
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: VN064997.D

Acq: 9 Dec 2020 3:27

Instrument :

MSVOA_N

ClientSampleId :

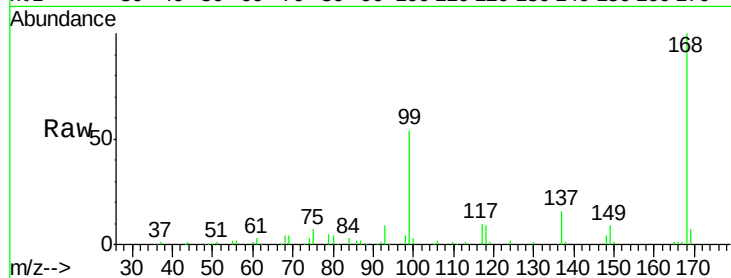
4S2-B-BOTTOM

Tot Ion:168 Resp: 165111

Ion Ratio Lower Upper

168 100

99 53.6 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

80000

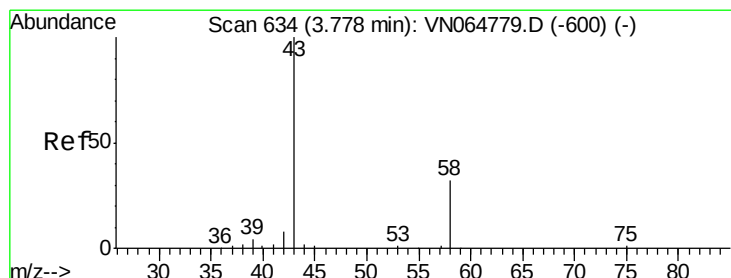
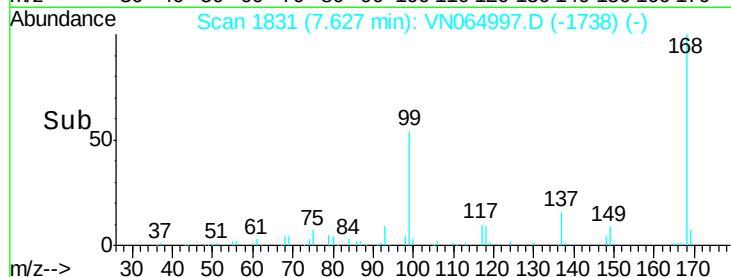
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 18.239 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.00 min

Lab File: VN064997.D

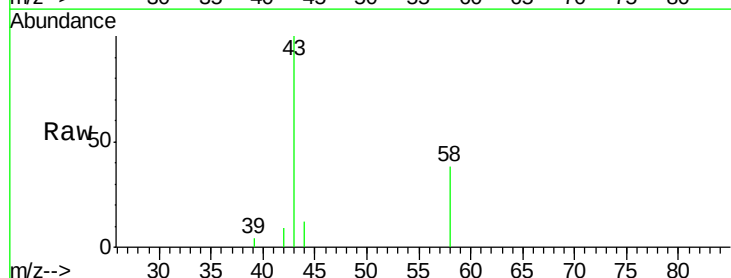
Acq: 9 Dec 2020 3:27

Tgt Ion: 43 Resp: 11509

Ion Ratio Lower Upper

43 100

58 37.7 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

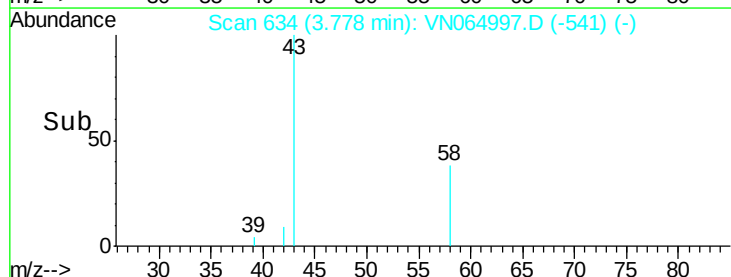
3000

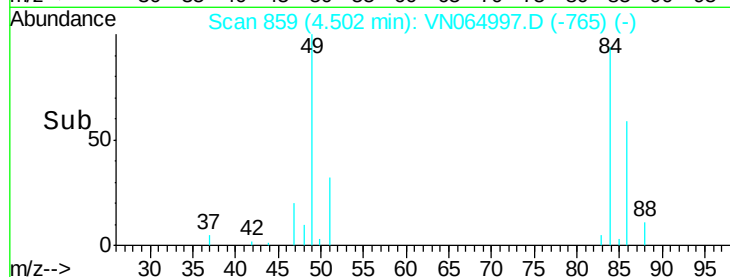
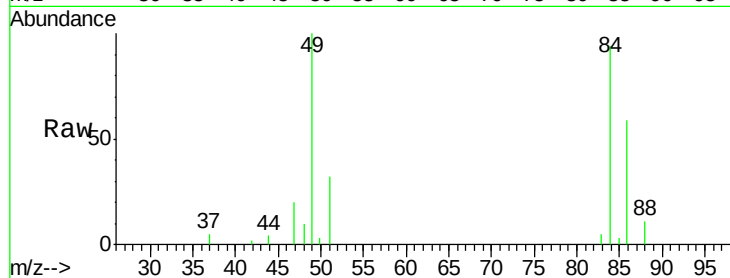
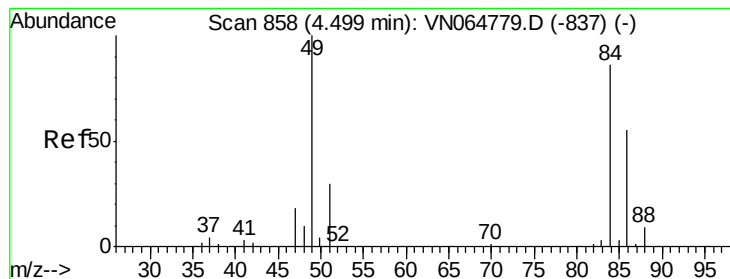
2000

1000

0

Time--> 3.70 3.75 3.80 3.85





#20

Methylene Chloride

Concen: 10.077 ug/l

RT: 4.50 min Scan# 859

Delta R.T. 0.00 min

Lab File: VN064997.D

Acq: 9 Dec 2020 3:27

Instrument :

MSVOA_N

ClientSampleId :

4S2-B-BOTTOM

Tot Ion: 84 Resp: 19925

Ion Ratio Lower Upper

84 100

49 106.3 93.4 140.0

51 33.7 28.2 42.4

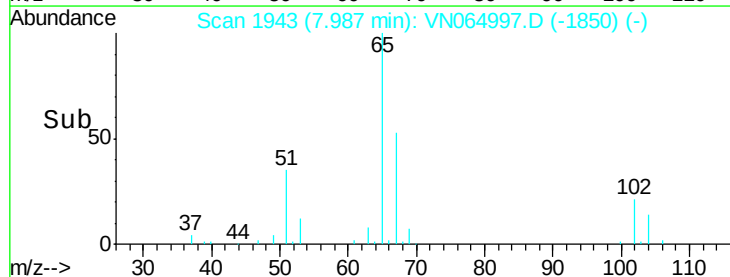
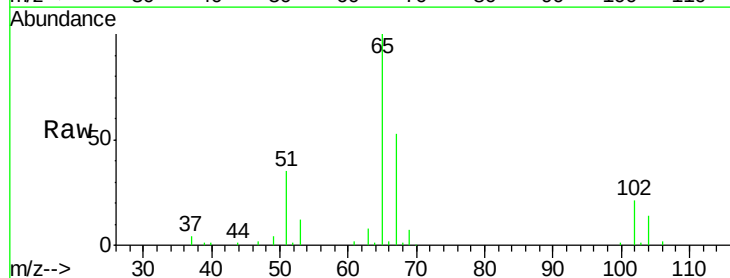
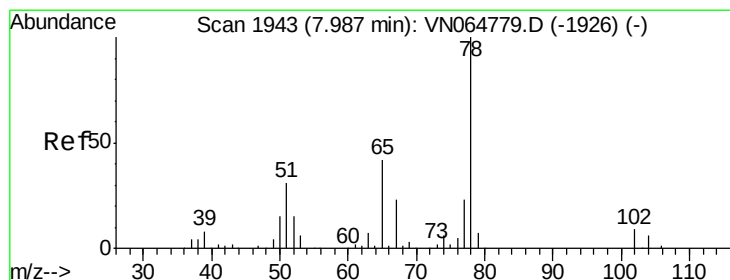
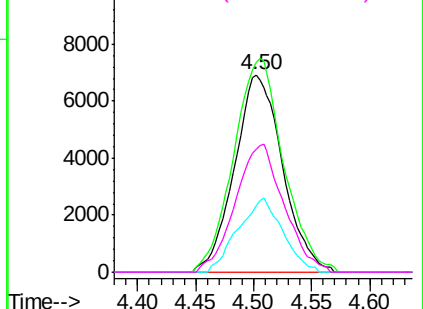
86 62.4 51.7 77.5

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: 57.140 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN064997.D

Acq: 9 Dec 2020 3:27

Tgt Ion: 65 Resp: 109682

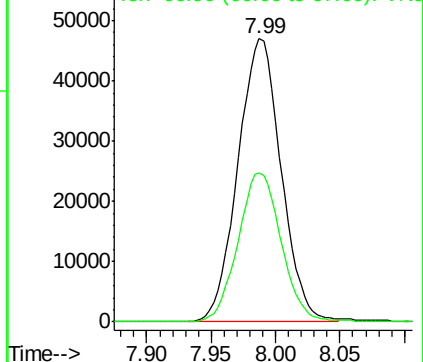
Ion Ratio Lower Upper

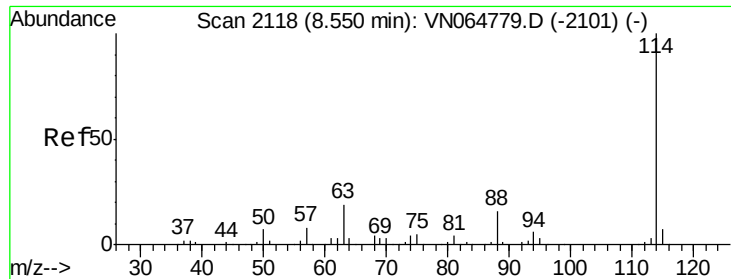
65 100

67 52.7 0.0 108.2

Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

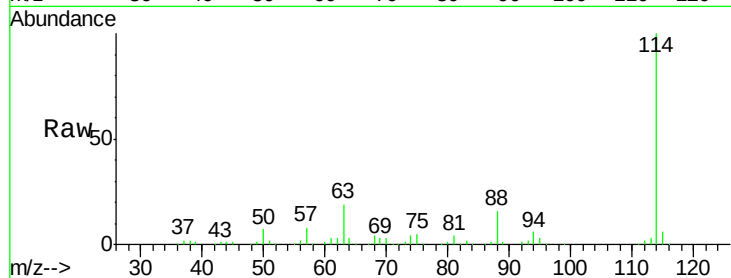




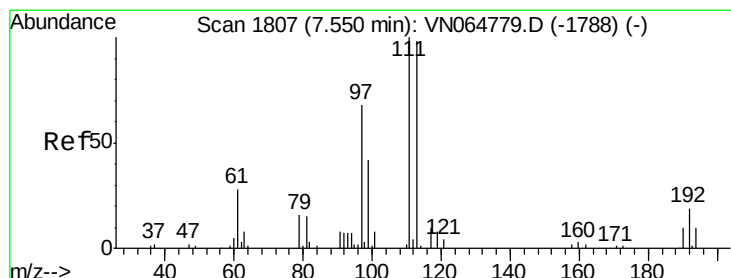
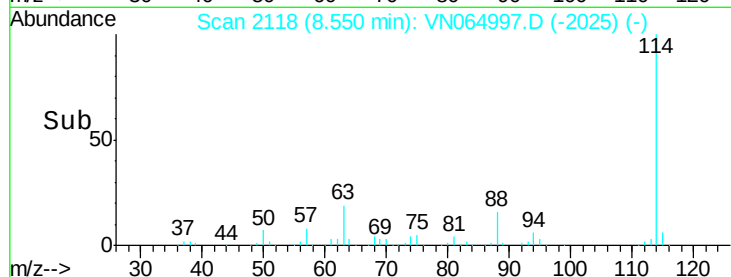
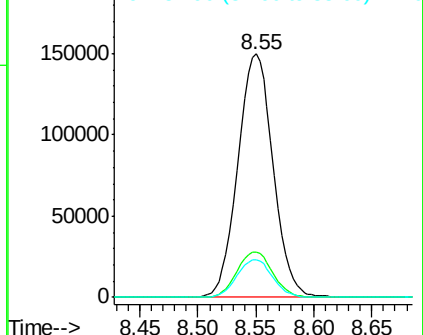
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VN064997.D
Acq: 9 Dec 2020 3:27

Instrument :
MSVOA_N
ClientSampleId :
4S2-B-BOTTOM

Tot Ion:114 Resp: 316748
Ion Ratio Lower Upper
114 100
63 18.8 0.0 38.6
88 15.6 0.0 32.6

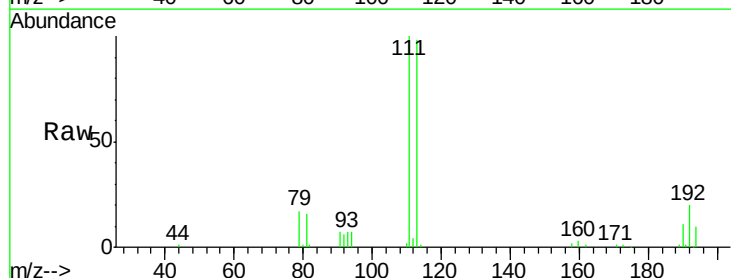


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

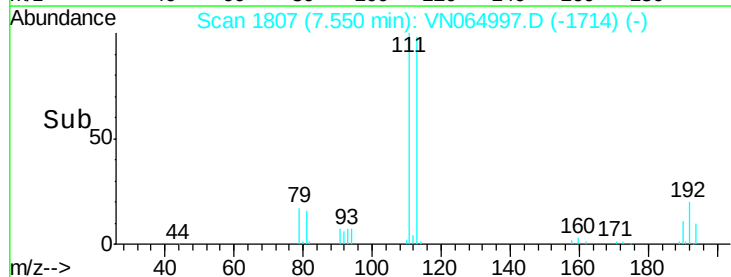
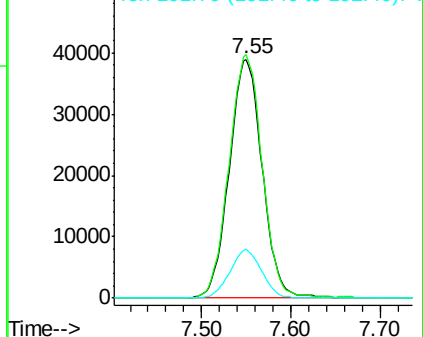


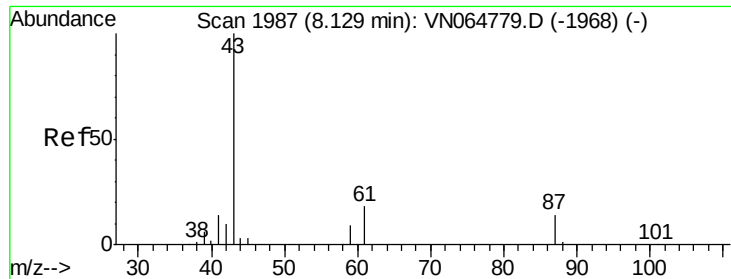
#35
Dibromofluoromethane
Concen: 52.444 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN064997.D
Acq: 9 Dec 2020 3:27

Tgt Ion:113 Resp: 99398
Ion Ratio Lower Upper
113 100
111 102.6 81.6 122.4
192 19.5 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: 3.321 ug/l

RT: 8.13 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN064997.D

Acq: 9 Dec 2020 3:27

Instrument :

MSVOA_N

ClientSampleId :

4S2-B-BOTTOM

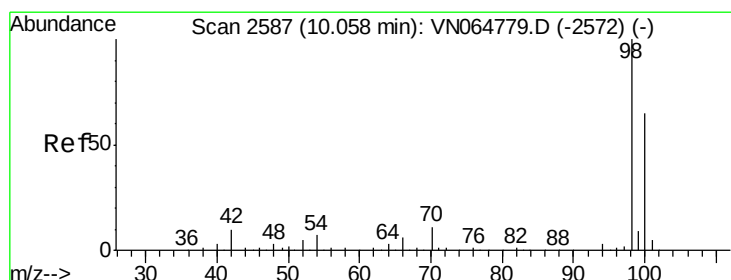
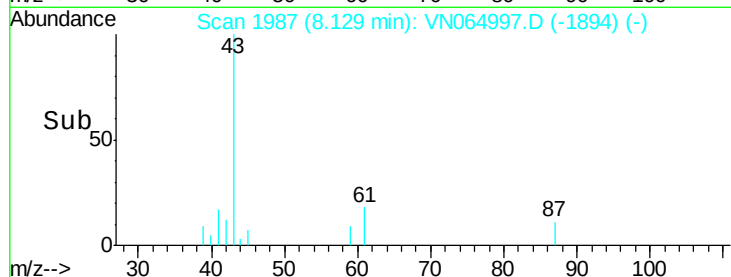
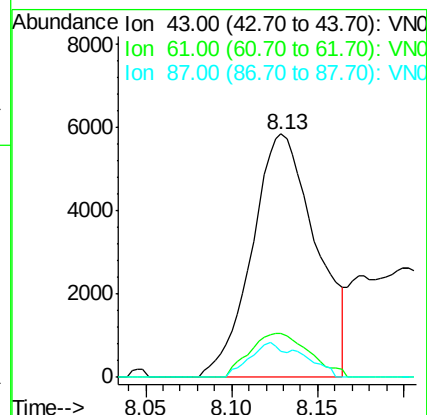
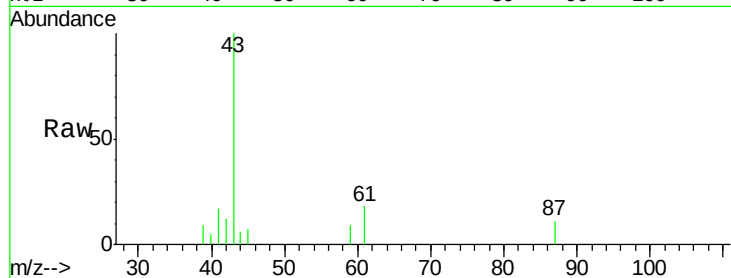
Tot Ion: 43 Resp: 15112

Ion Ratio Lower Upper

43 100

61 16.8 17.2 25.8#

87 7.6 11.4 17.0#



#50

Toluene-d8

Concen: 52.152 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN064997.D

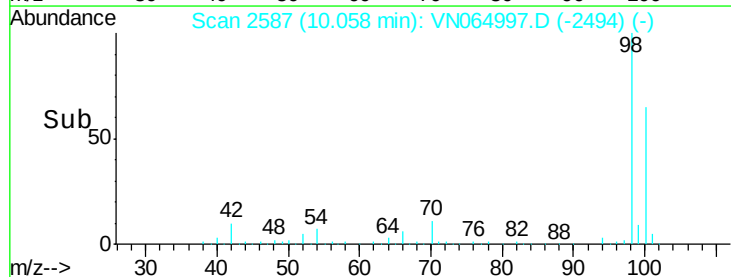
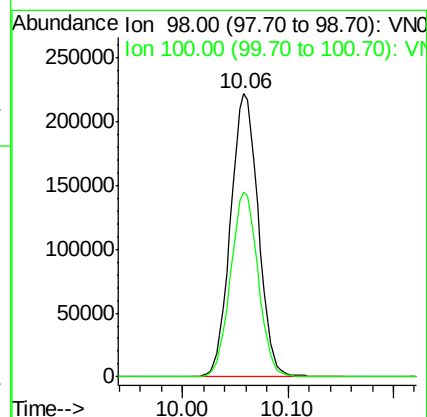
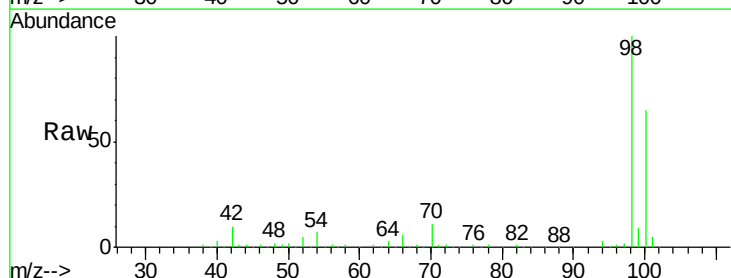
Acq: 9 Dec 2020 3:27

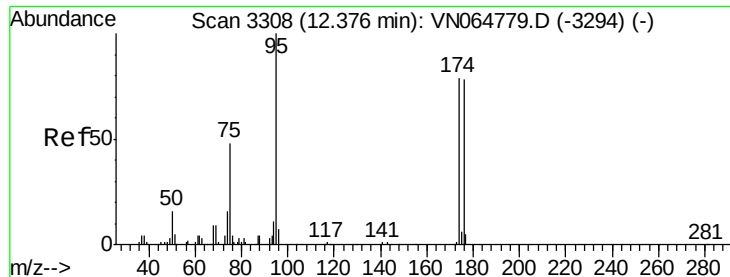
Tgt Ion: 98 Resp: 403871

Ion Ratio Lower Upper

98 100

100 64.6 51.7 77.5





#62

4-Bromofluorobenzene

Concen: 53.752 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064997.D

Acq: 9 Dec 2020 3:27

Instrument :

MSVOA_N

ClientSampleId :

4S2-B-BOTTOM

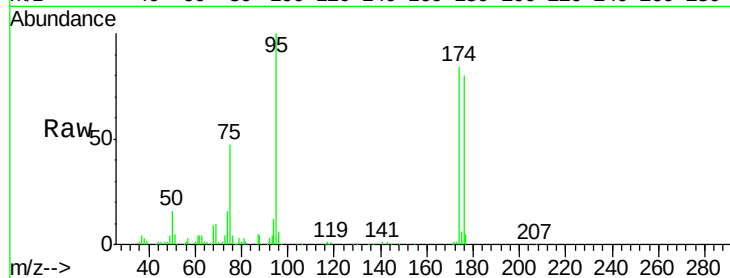
Tot Ion: 95 Resp: 148973

Ion Ratio Lower Upper

95 100

174 83.4 0.0 160.4

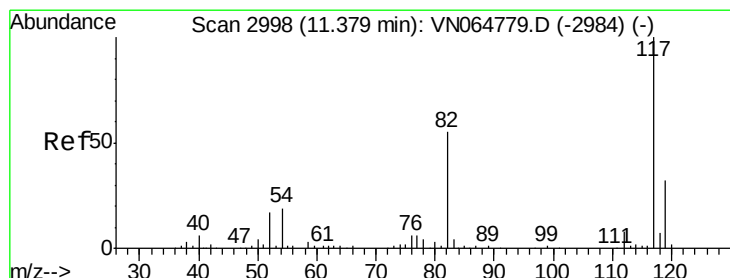
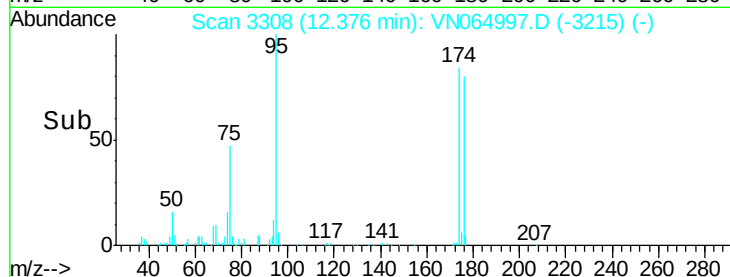
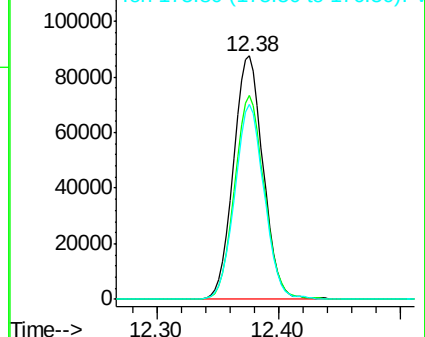
176 78.9 0.0 158.4



Abundance Ion 94.90 (94.60 to 95.60): VN064997.D (-3215) (-)

Ion 173.80 (173.50 to 174.50): VN064997.D (-3215) (-)

Ion 175.80 (175.50 to 176.50): VN064997.D (-3215) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. 0.00 min

Lab File: VN064997.D

Acq: 9 Dec 2020 3:27

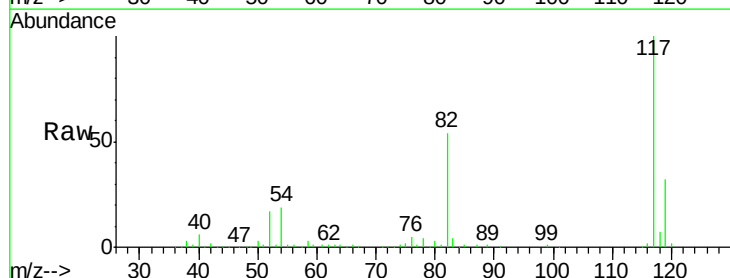
Tgt Ion: 117 Resp: 335338

Ion Ratio Lower Upper

117 100

82 53.8 44.2 66.2

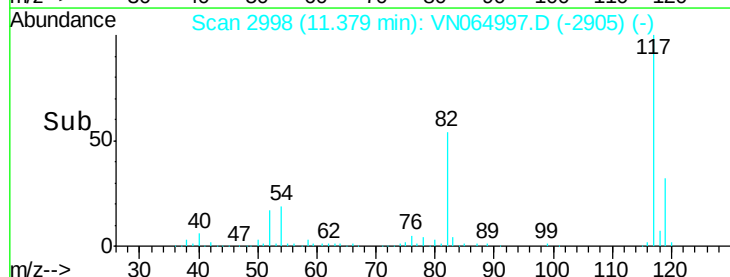
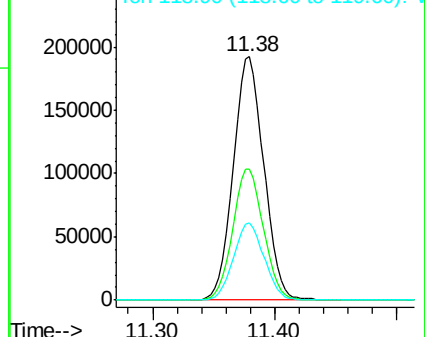
119 31.7 25.8 38.6

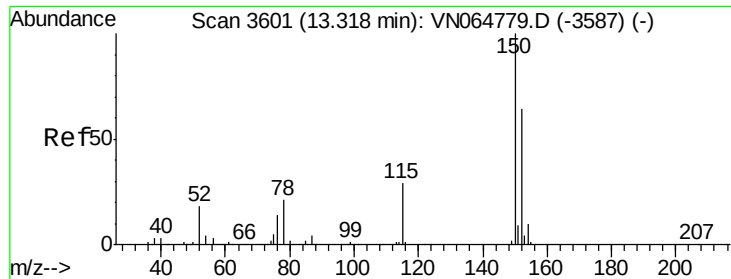


Abundance Ion 116.90 (116.60 to 117.60): VN064997.D (-2905) (-)

Ion 82.00 (81.70 to 82.70): VN064997.D (-2905) (-)

Ion 118.90 (118.60 to 119.60): VN064997.D (-2905) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN064997.D

Acq: 9 Dec 2020 3:27

Instrument :

MSVOA_N

ClientSampleId :

4S2-B-BOTTOM

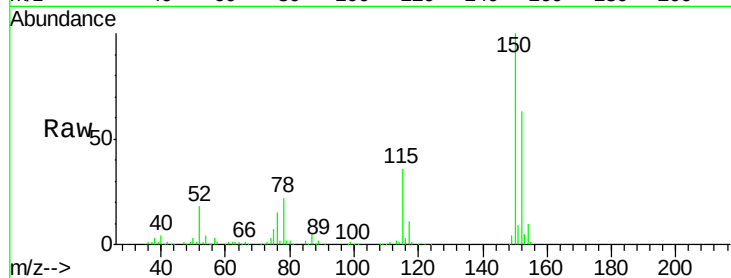
Tot Ion:152 Resp: 139101

Ion Ratio Lower Upper

152 100

115 57.9 29.7 89.1

150 158.8 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

