

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090420\
 Data File : VN063244.D
 Acq On : 4 Sep 2020 13:49
 Operator : JC/MD
 Sample : L3902-14
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SA-MW132S-20200901

Quant Time: Sep 07 00:55:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N083120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 01 04:21:28 2020
 Response via : Initial Calibration

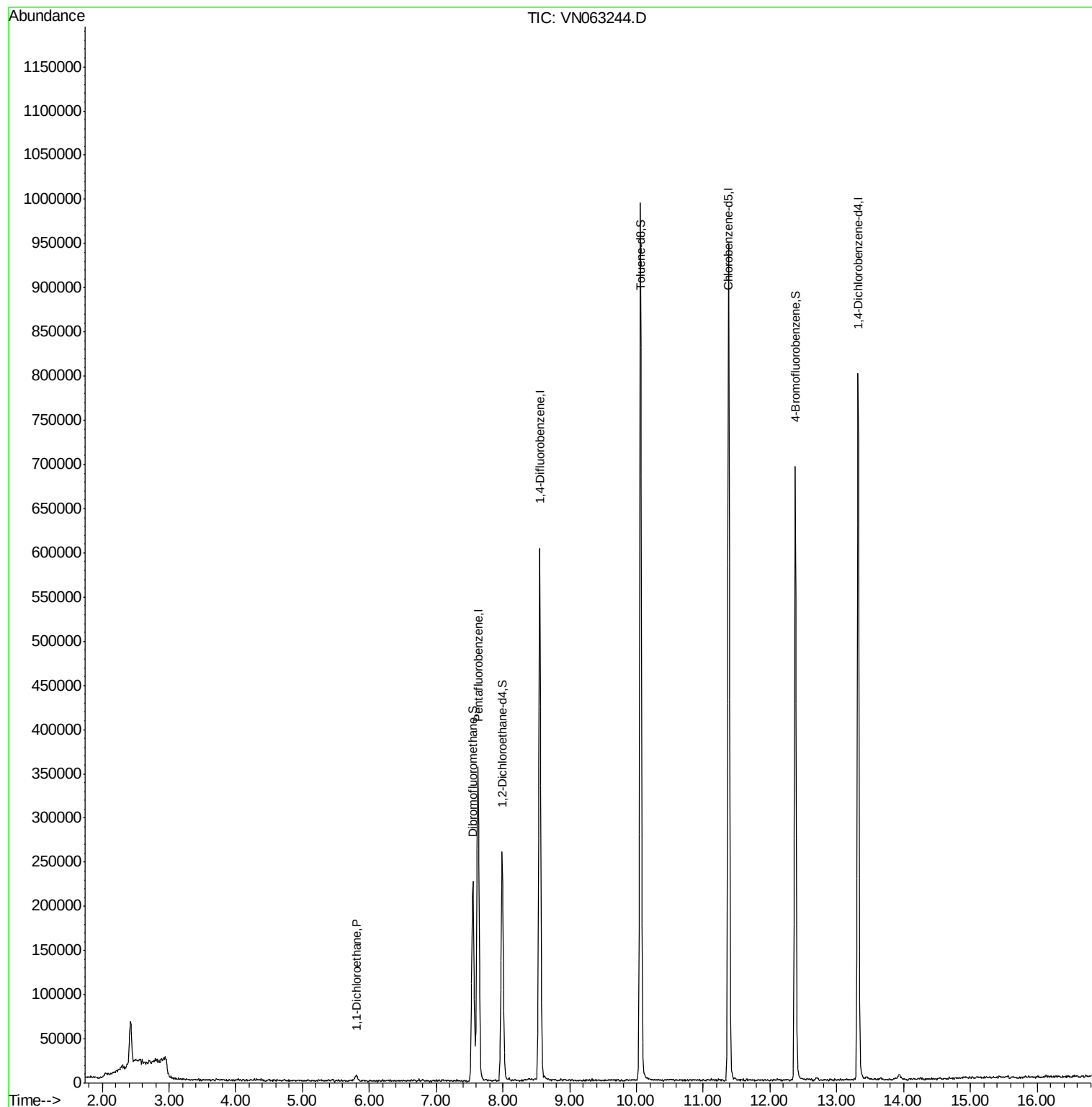
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	263903	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	521752	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	510298	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	197557	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	215384	49.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.86%	
35) Dibromofluoromethane	7.55	113	168109	50.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.44%	
50) Toluene-d8	10.06	98	656956	50.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.98%	
62) 4-Bromofluorobenzene	12.38	95	225116	49.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.90%	
Target Compounds						
24) 1,1-Dichloroethane	5.80	63	7808	1.229	ug/l #	Qvalue 94

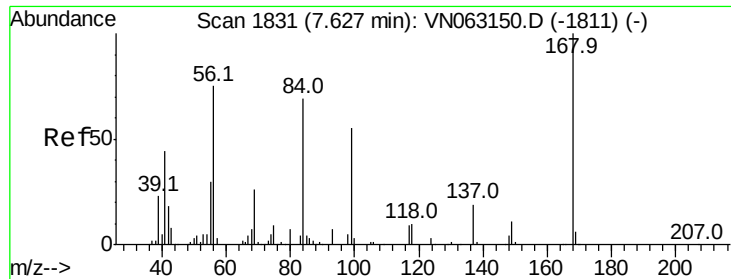
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN090420\
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

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ClientSampleId :

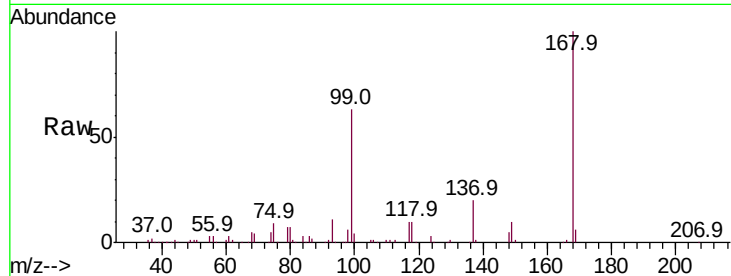
SA-MW132S-20200901

Tot Ion:168 Resp: 263903

Ion Ratio Lower Upper

168 100

99 63.4 54.2 81.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

120000

100000

80000

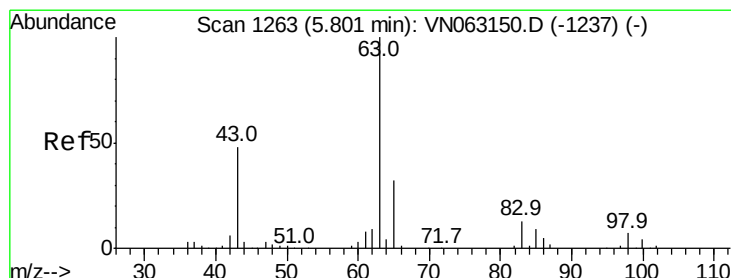
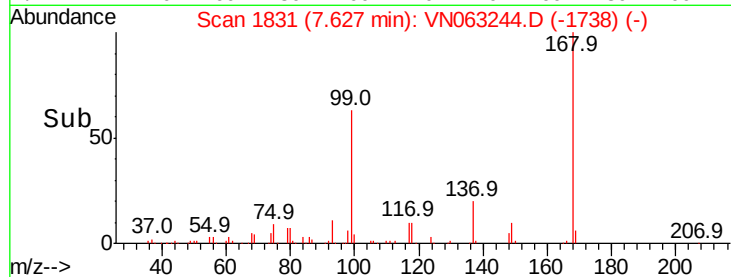
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#24

1,1-Dichloroethane

Concen: 1.229 ug/l

RT: 5.80 min Scan# 1263

Delta R.T. 0.00 min

Lab File: VN063244.D

Acq: 4 Sep 2020 13:49

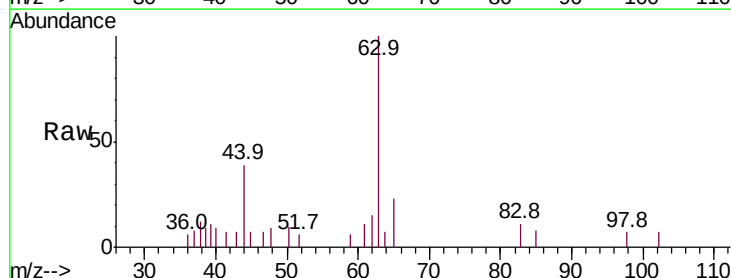
Tgt Ion: 63 Resp: 7808

Ion Ratio Lower Upper

63 100

98 7.0 3.4 10.1

100 0.0 2.3 6.8#



Abundance Ion 62.90 (62.60 to 63.60): VN

Ion 97.90 (97.60 to 98.60): VN

Ion 99.90 (99.60 to 100.60): VN

5.80

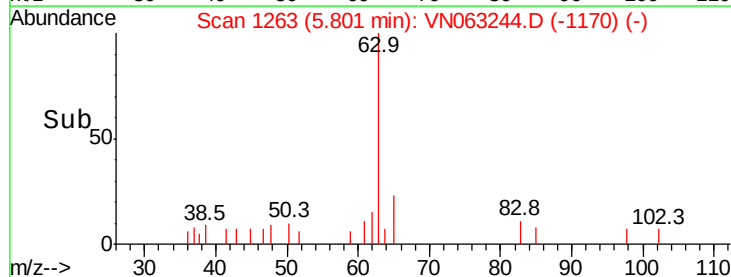
3000

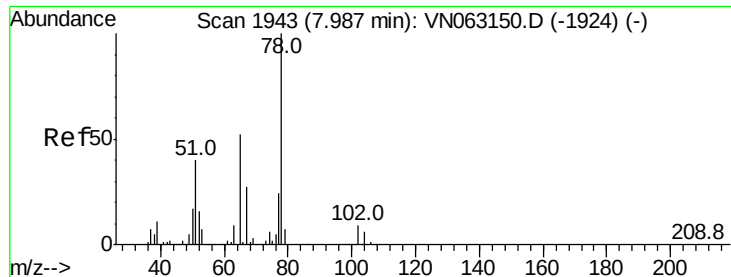
2000

1000

0

Time--> 5.70 5.75 5.80 5.85 5.90

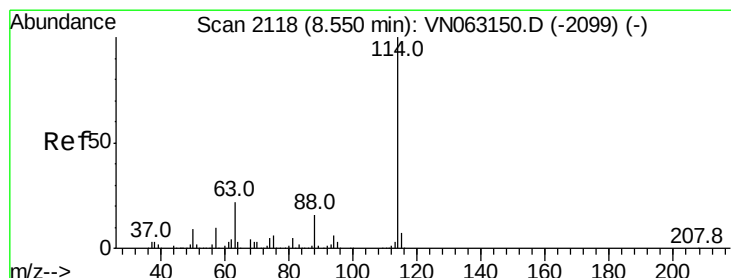
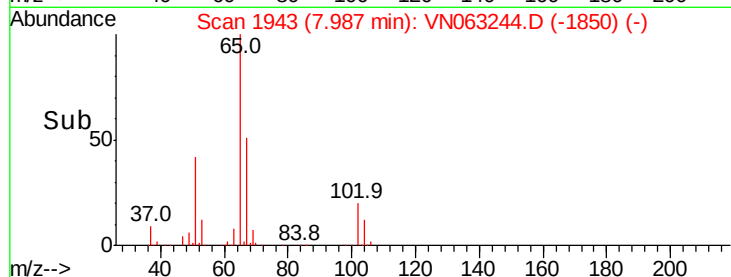
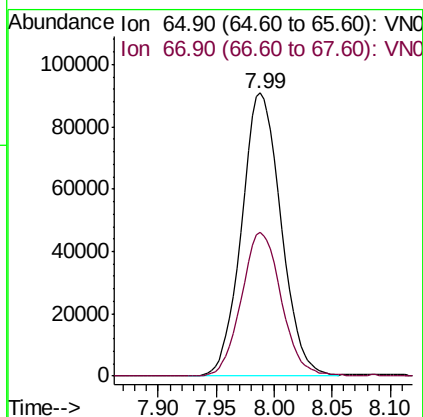
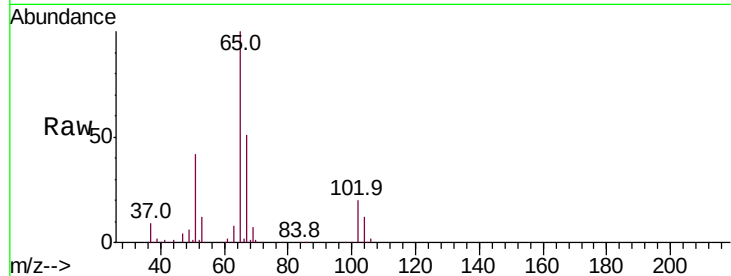




#33
 1,2-Dichloroethane-d4
 Concen: 49.926 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN063244.D
 Acq: 4 Sep 2020 13:49

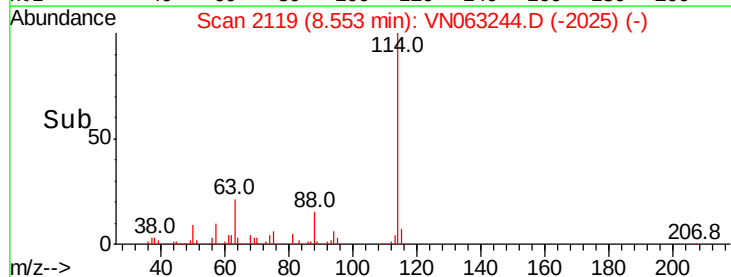
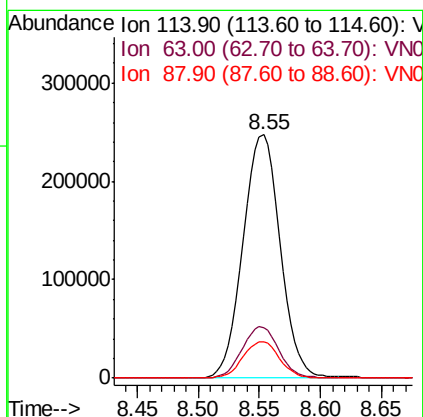
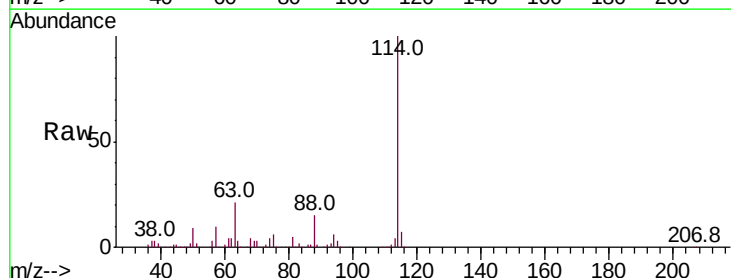
Instrument :
 MSVOA_N
 ClientSampleId :
 SA-MW132S-20200901

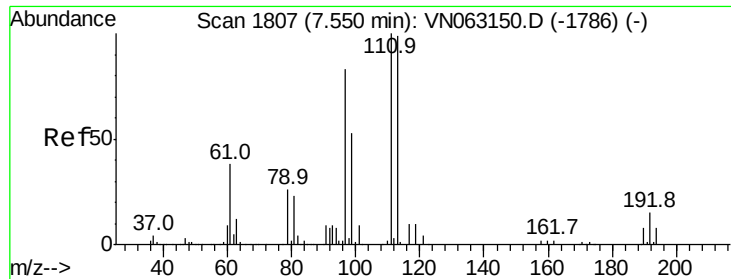
Tot Ion: 65 Resp: 215384
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN063244.D
 Acq: 4 Sep 2020 13:49

Tgt Ion: 114 Resp: 521752
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 43.0
 88 15.0 0.0 31.6

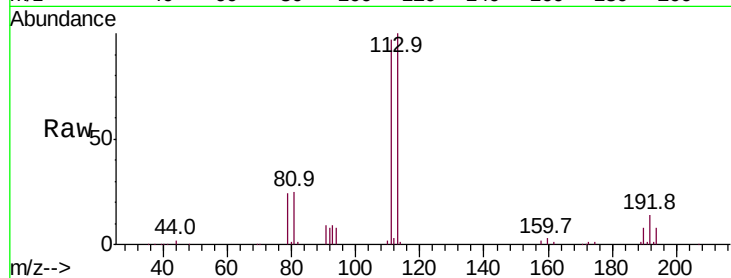




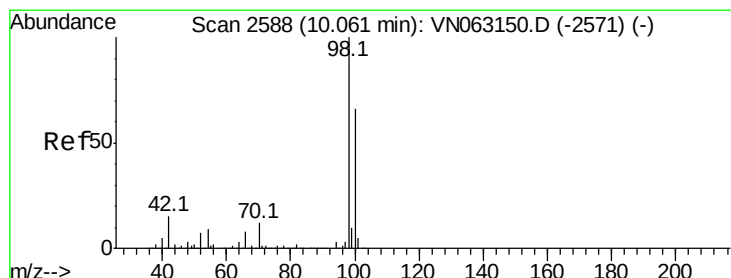
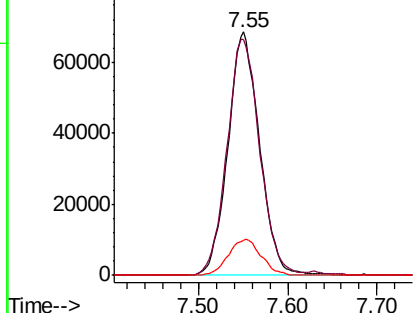
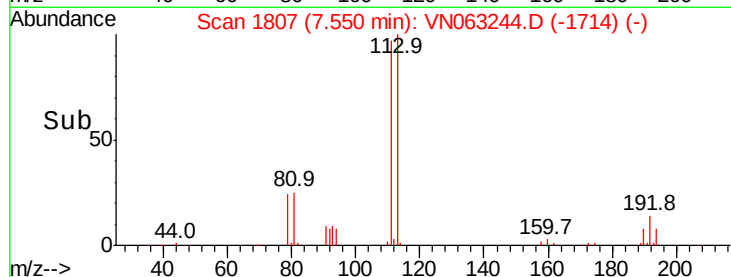
#35
 Dibromofluoromethane
 Concen: 50.222 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN063244.D
 Acq: 4 Sep 2020 13:49

Instrument :
 MSVOA_N
 ClientSampleId :
 SA-MW132S-20200901

Tot Ion:113 Resp: 168109
 Ion Ratio Lower Upper
 113 100
 111 100.2 80.7 121.1
 192 15.4 12.6 19.0

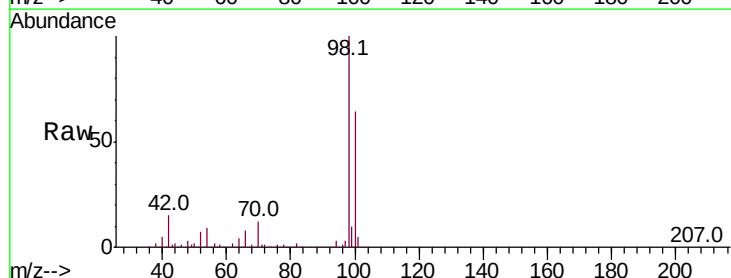


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

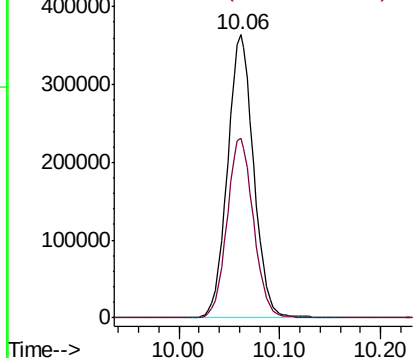
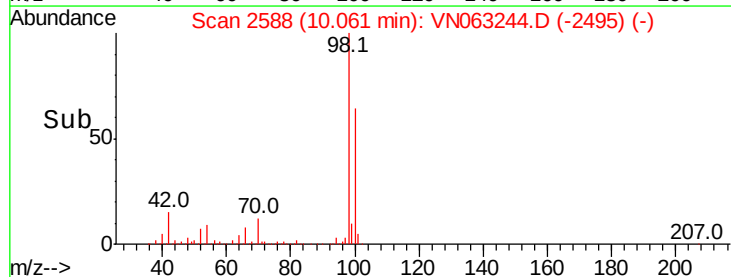


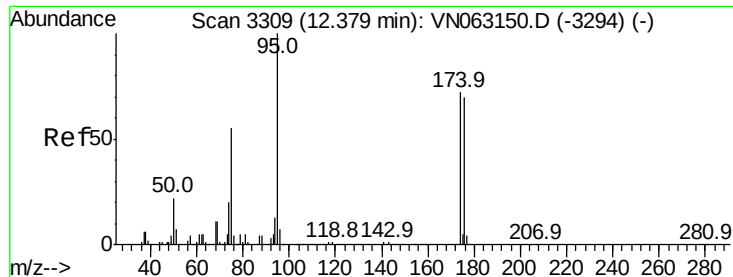
#50
 Toluene-d8
 Concen: 50.991 ug/l
 RT: 10.06 min Scan# 2588
 Delta R.T. 0.00 min
 Lab File: VN063244.D
 Acq: 4 Sep 2020 13:49

Tgt Ion: 98 Resp: 656956
 Ion Ratio Lower Upper
 98 100
 100 64.1 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VN
 Ion 100.00 (99.70 to 100.70): VN





#62

4-Bromofluorobenzene

Concen: 49.950 ug/l

RT: 12.38 min Scan# 3309

Delta R.T. 0.00 min

Lab File: VN063244.D

Acq: 4 Sep 2020 13:49

Instrument :

MSVOA_N

ClientSampleId :

SA-MW132S-20200901

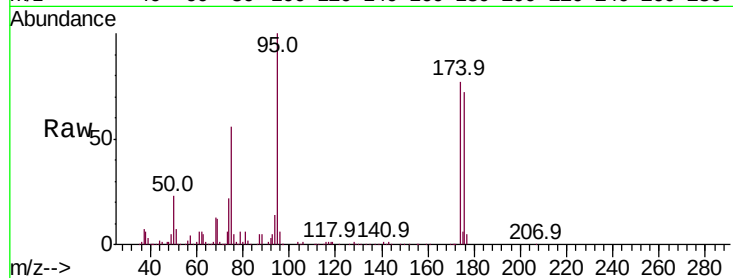
Tot Ion: 95 Resp: 225116

Ion Ratio Lower Upper

95 100

174 75.4 0.0 143.8

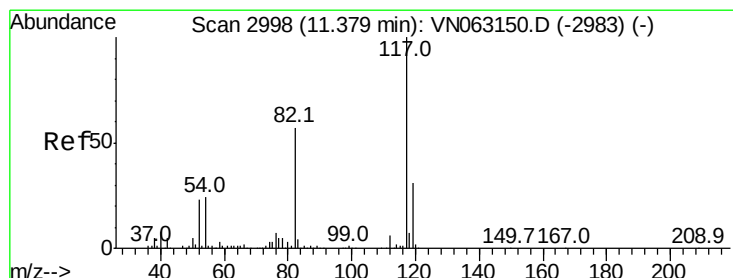
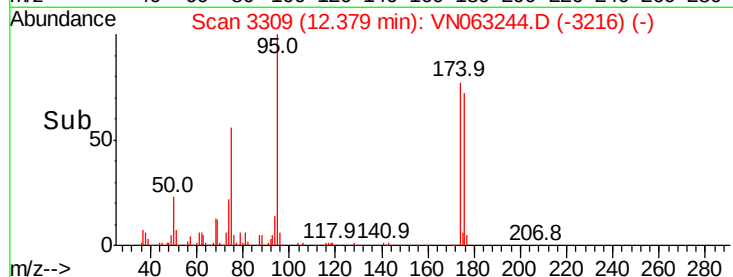
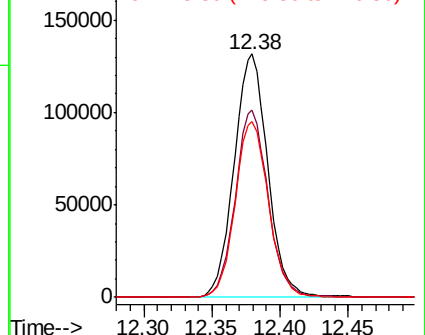
176 71.8 0.0 138.4



Abundance Ion 94.90 (94.60 to 95.60): VN063150.D (-3294) (-)

Ion 173.80 (173.50 to 174.50): VN063150.D (-3294) (-)

Ion 175.80 (175.50 to 176.50): VN063150.D (-3294) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. 0.00 min

Lab File: VN063244.D

Acq: 4 Sep 2020 13:49

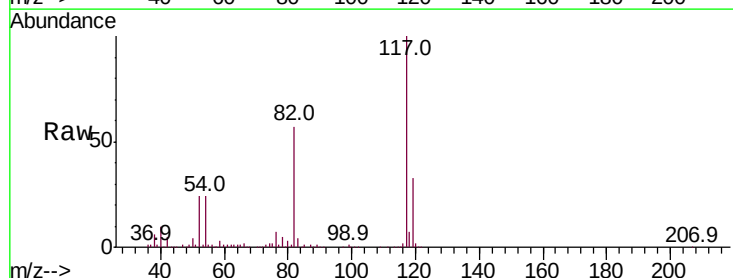
Tgt Ion: 117 Resp: 510298

Ion Ratio Lower Upper

117 100

82 57.0 45.4 68.0

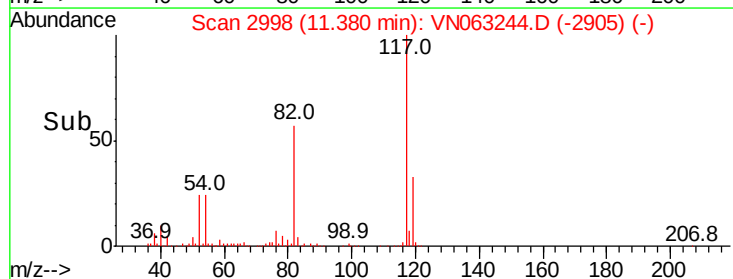
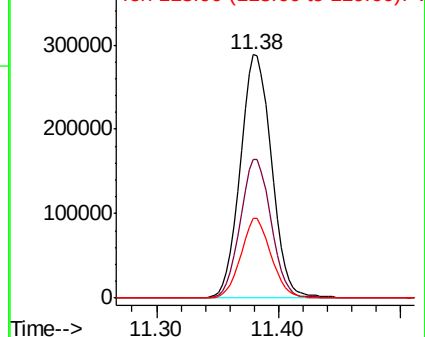
119 32.8 24.6 37.0

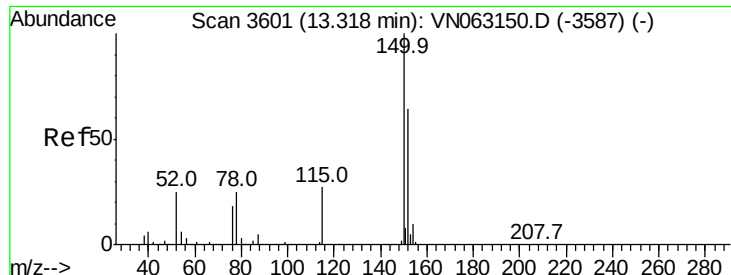


Abundance Ion 116.90 (116.60 to 117.60): VN063150.D (-2983) (-)

Ion 82.00 (81.70 to 82.70): VN063150.D (-2983) (-)

Ion 118.90 (118.60 to 119.60): VN063150.D (-2983) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN063244.D

Acq: 4 Sep 2020 13:49

Instrument :

MSVOA_N

ClientSampleId :

SA-MW132S-20200901

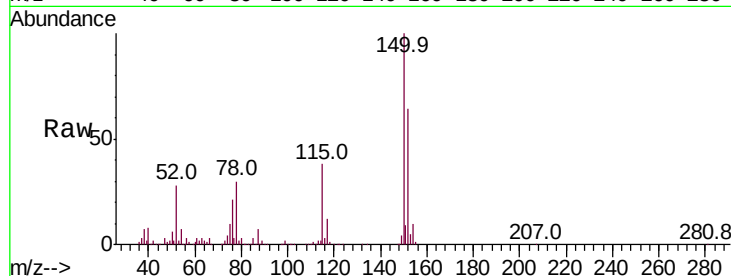
Tot Ion:152 Resp: 197557

Ion Ratio Lower Upper

152 100

115 60.9 32.0 96.2

150 156.8 0.0 353.0



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

