

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112420\
 Data File : VN064831.D
 Acq On : 25 Nov 2020 00:18
 Operator : JC/MD
 Sample : L4798-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 22BR-20201118

Quant Time: Nov 25 06:23:56 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	7.62	168	165708	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	294430	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	304469	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	138746	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	102366	53.14	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery	=	106.28%	
35) Dibromofluoromethane	7.55	113	92500	52.50	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery	=	105.00%	
50) Toluene-d8	10.06	98	363975	50.56	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery	=	101.12%	
62) 4-Bromofluorobenzene	12.37	95	143510	55.71	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery	=	111.42%	

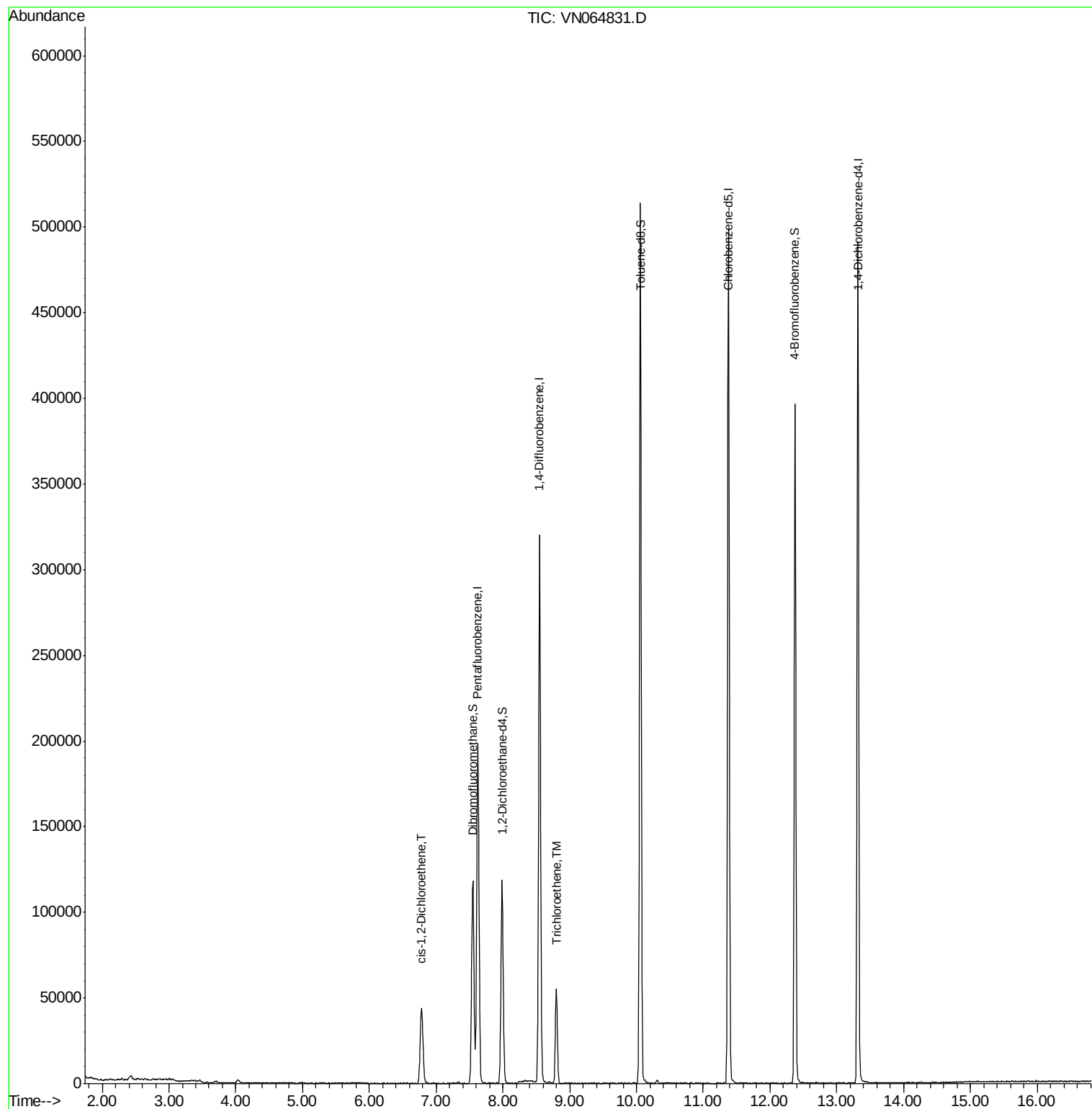
Target Compounds						Qvalue
27) cis-1,2-Dichloroethene	6.78	96	30979	15.428	ug/l	89
44) Trichloroethene	8.80	130	21442	8.690	ug/l	99

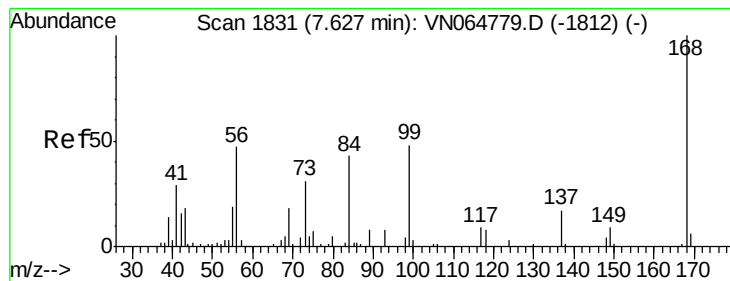
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN064831.D

Acq: 25 Nov 2020 00:18

Instrument :

MSVOA_N

ClientSampleId :

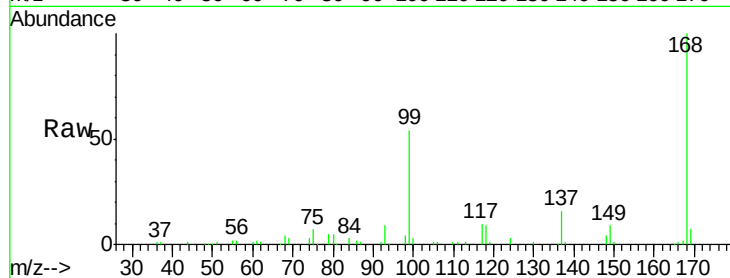
22BR-20201118

Tot Ion:168 Resp: 165708

Ion Ratio Lower Upper

168 100

99 54.4 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.62

80000

60000

40000

20000

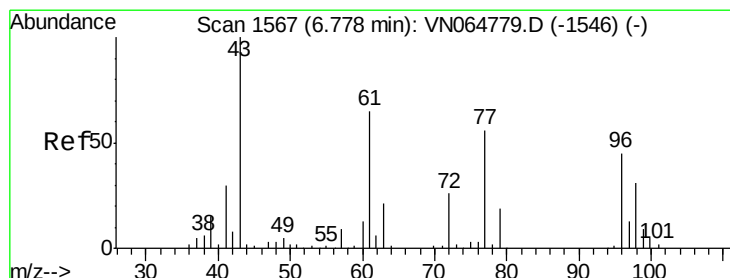
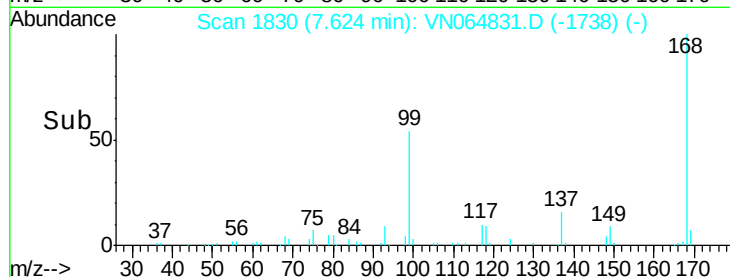
0

Time-->

7.50

7.60

7.70



#27

cis-1,2-Dichloroethene

Concen: 15.428 ug/l

RT: 6.78 min Scan# 1569

Delta R.T. 0.01 min

Lab File: VN064831.D

Acq: 25 Nov 2020 00:18

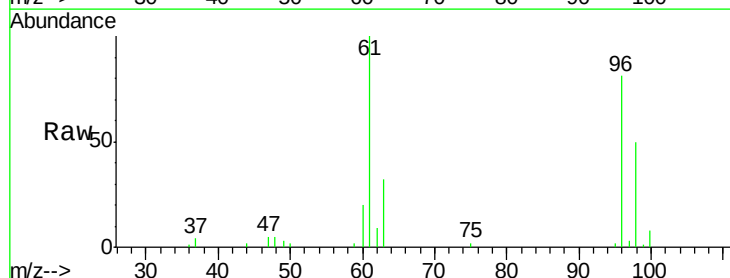
Tgt Ion: 96 Resp: 30979

Ion Ratio Lower Upper

96 100

61 124.8 0.0 285.8

98 67.0 0.0 130.6



Abundance Ion 95.90 (95.60 to 96.60): VN

Ion 60.90 (60.60 to 61.60): VN

Ion 97.90 (97.60 to 98.60): VN

6.78

15000

10000

5000

0

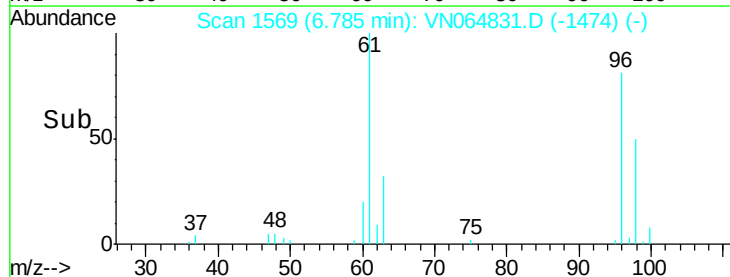
Time-->

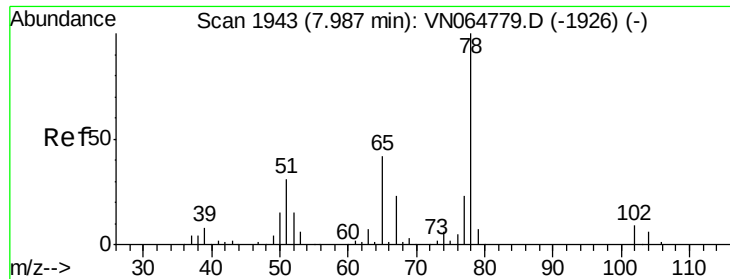
6.70

6.75

6.80

6.85

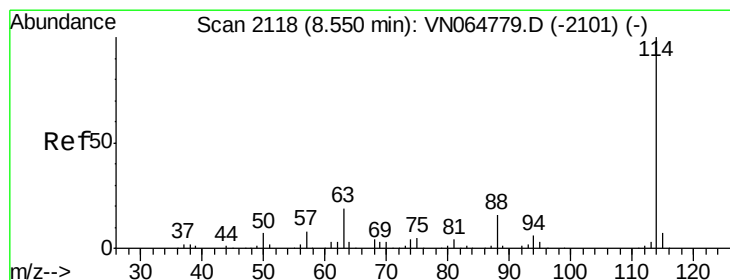
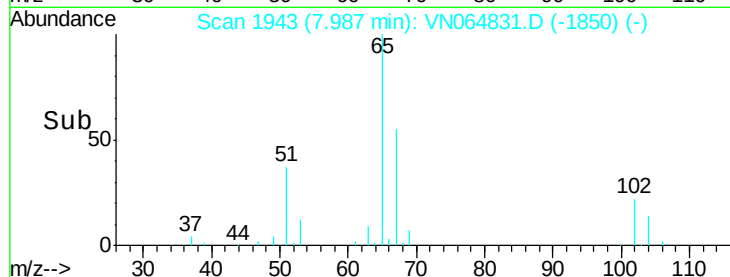
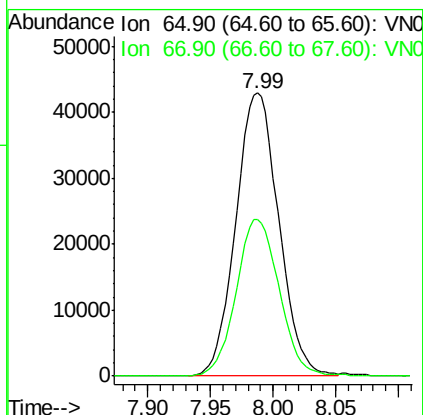
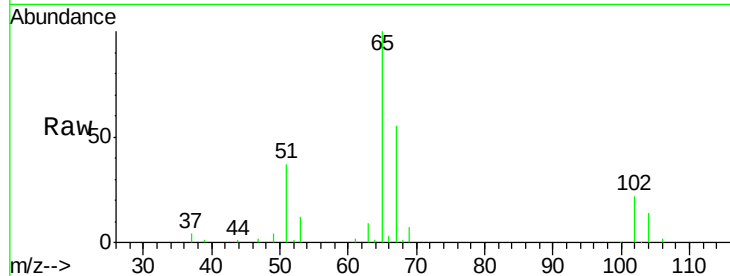




#33
 1,2-Dichloroethane-d4
 Concen: 53.137 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN064831.D
 Acq: 25 Nov 2020 00:18

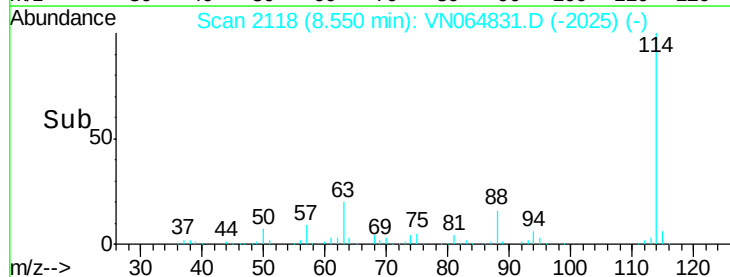
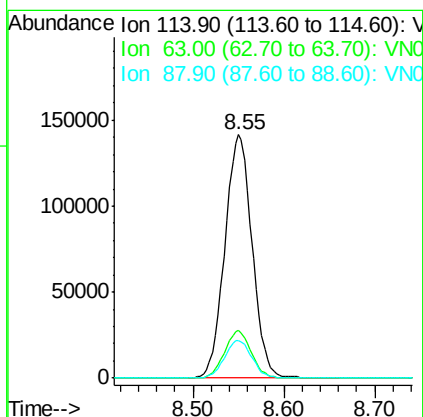
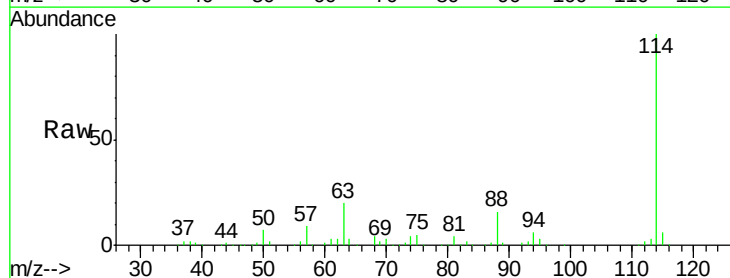
Instrument :
 MSVOA_N
 ClientSampleId :
 22BR-20201118

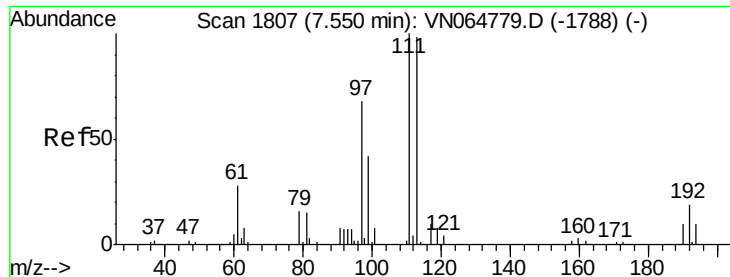
Tot Ion: 65 Resp: 102366
 Ion Ratio Lower Upper
 65 100
 67 55.3 0.0 108.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN064831.D
 Acq: 25 Nov 2020 00:18

Tgt Ion: 114 Resp: 294430
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 38.6
 88 15.6 0.0 32.6

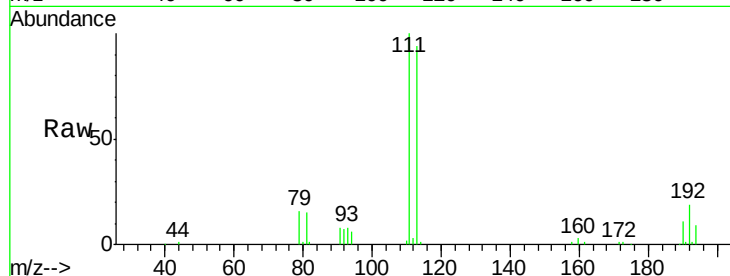




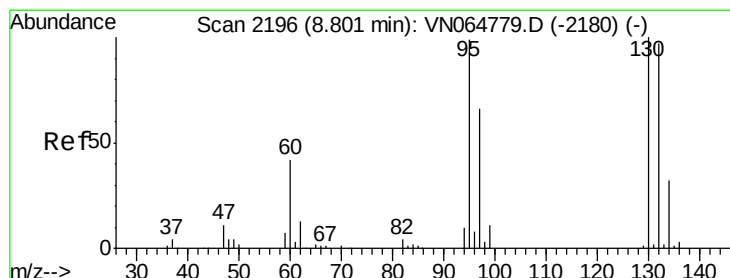
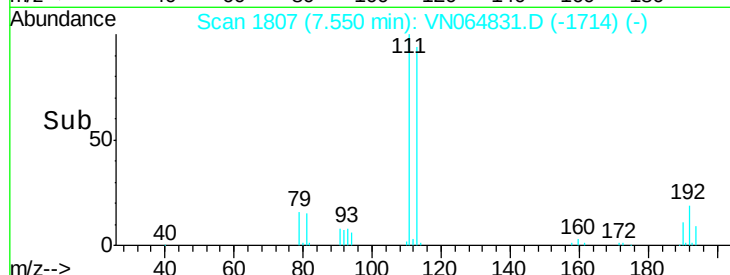
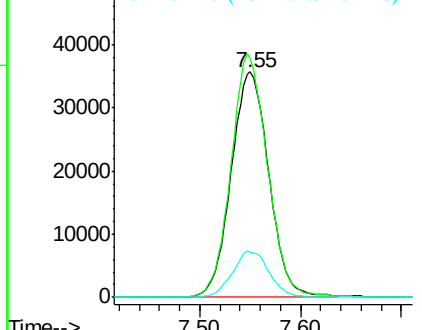
#35
 Dibromofluoromethane
 Concen: 52.504 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN064831.D
 Acq: 25 Nov 2020 00:18

Instrument :
 MSVOA_N
 ClientSampleId :
 22BR-20201118

Tot Ion:113 Resp: 92500
 Ion Ratio Lower Upper
 113 100
 111 105.0 81.6 122.4
 192 19.8 16.2 24.2

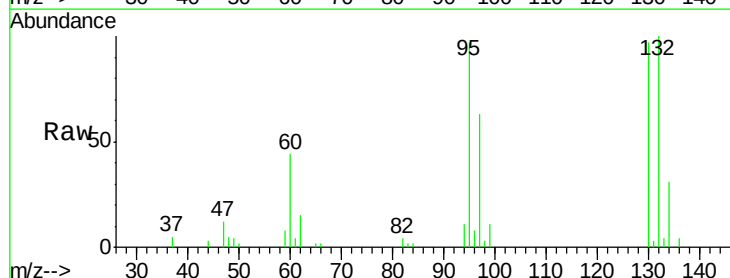


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

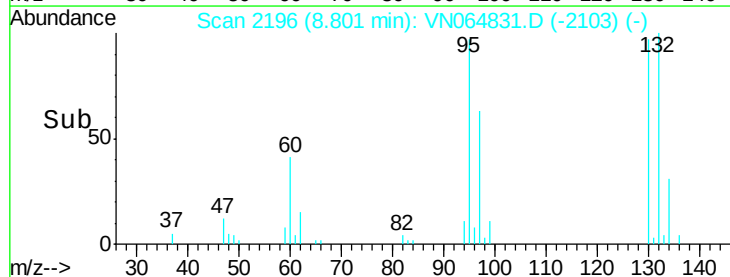
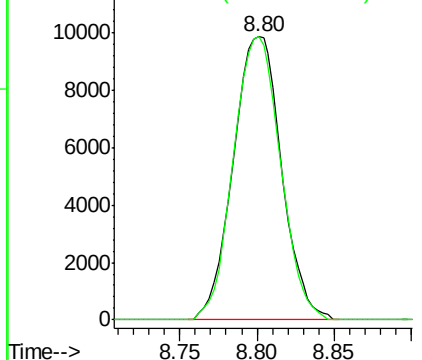


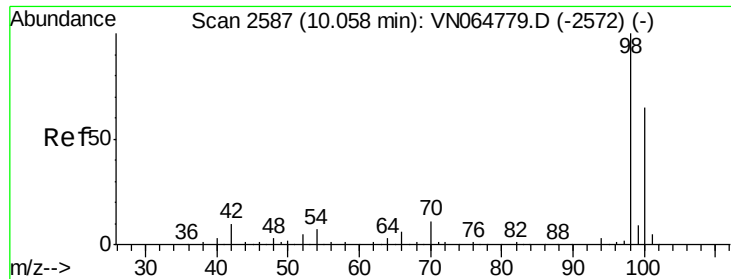
#44
 Trichloroethene
 Concen: 8.690 ug/l
 RT: 8.80 min Scan# 2196
 Delta R.T. 0.00 min
 Lab File: VN064831.D
 Acq: 25 Nov 2020 00:18

Tgt Ion:130 Resp: 21442
 Ion Ratio Lower Upper
 130 100
 95 100.0 0.0 197.8



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): V





#50

Toluene-d8

Concen: 50.563 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN064831.D

Acq: 25 Nov 2020 00:18

Instrument :

MSVOA_N

ClientSampleId :

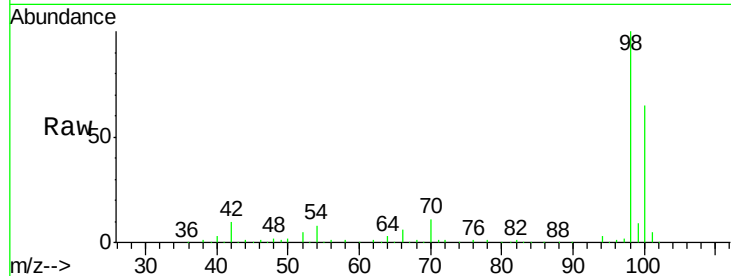
22BR-20201118

Tot Ion: 98 Resp: 363975

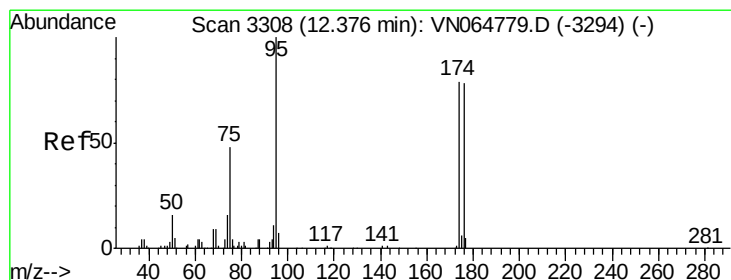
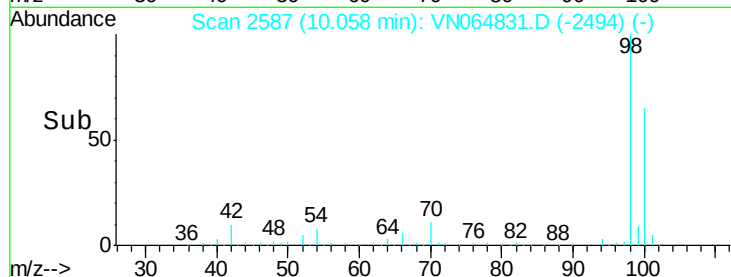
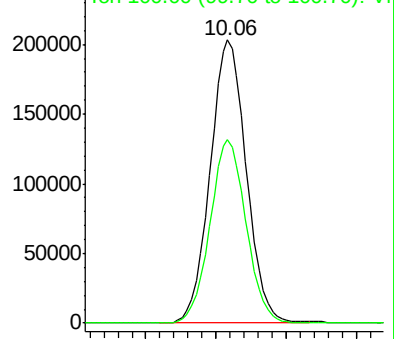
Ion Ratio Lower Upper

98 100

100 64.8 51.7 77.5



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



#62

4-Bromofluorobenzene

Concen: 55.706 ug/l

RT: 12.37 min Scan# 3307

Delta R.T. -0.00 min

Lab File: VN064831.D

Acq: 25 Nov 2020 00:18

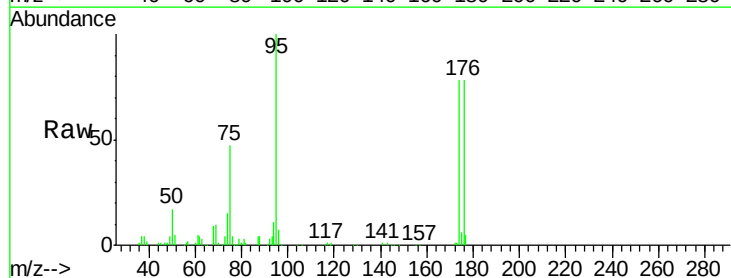
Tgt Ion: 95 Resp: 143510

Ion Ratio Lower Upper

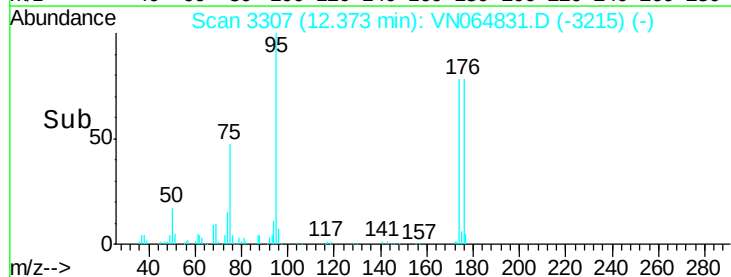
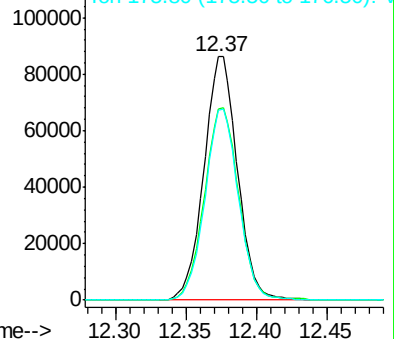
95 100

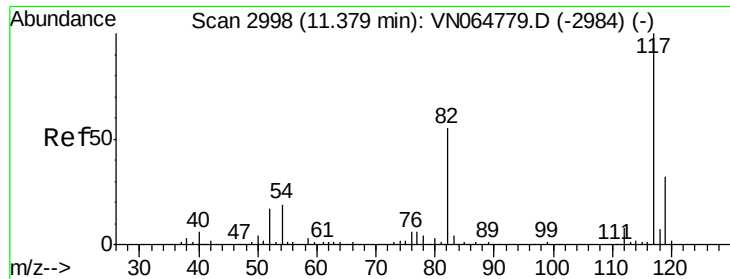
174 81.3 0.0 160.4

176 78.4 0.0 158.4



Abundance Ion 94.90 (94.60 to 95.60): VN064779.D (-3294) (-)





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. 0.00 min

Lab File: VN064831.D

Acq: 25 Nov 2020 00:18

Instrument :

MSVOA_N

ClientSampleId :

22BR-20201118

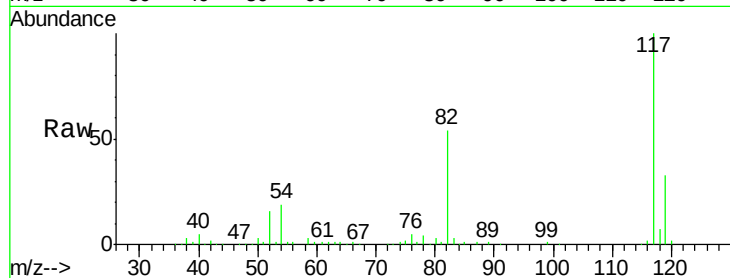
Tot Ion:117 Resp: 304469

Ion Ratio Lower Upper

117 100

82 54.1 44.2 66.2

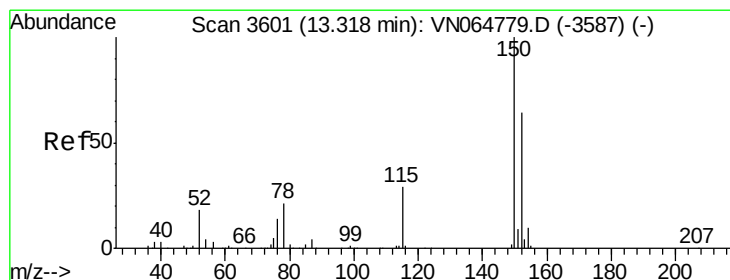
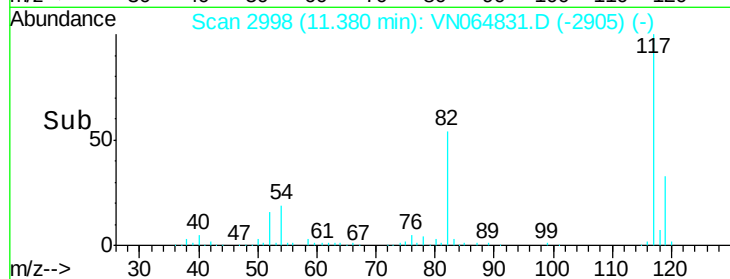
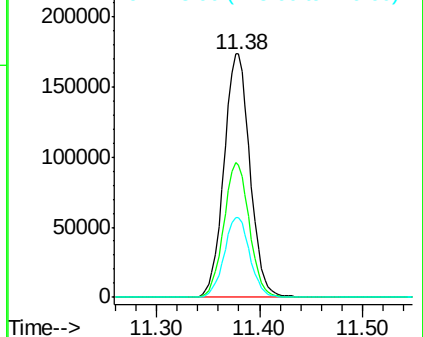
119 33.0 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3600

Delta R.T. -0.00 min

Lab File: VN064831.D

Acq: 25 Nov 2020 00:18

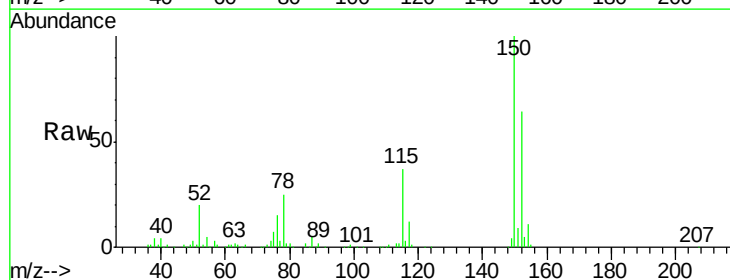
Tgt Ion:152 Resp: 138746

Ion Ratio Lower Upper

152 100

115 58.6 29.7 89.1

150 156.3 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

