

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120920\
 Data File : VN065019.D
 Acq On : 9 Dec 2020 14:38
 Operator : JC/MD
 Sample : PB133473ZHE#20
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB133473ZHE#20

Quant Time: Dec 10 04:38:44 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

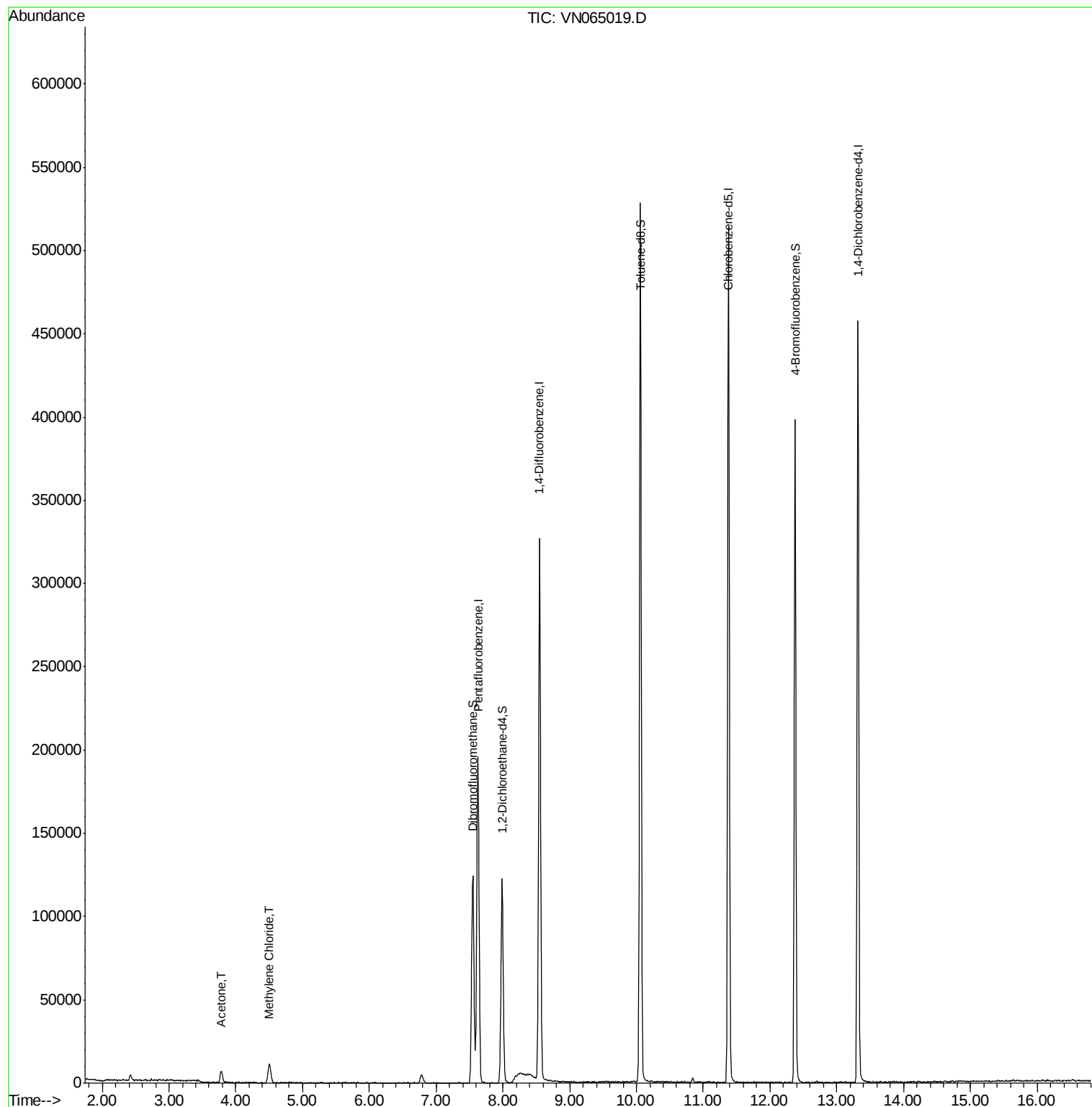
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	163953	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	303299	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	310606	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	133025	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	106136	55.68	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	111.36%		
35) Dibromofluoromethane	7.55	113	97763	53.87	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	107.74%		
50) Toluene-d8	10.06	98	378724	51.07	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	102.14%		
62) 4-Bromofluorobenzene	12.38	95	141162	53.19	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	106.38%		
Target Compounds						
16) Acetone	3.78	43	11105	17.723	ug/l	97
20) Methylene Chloride	4.50	84	8980	4.574	ug/l	94

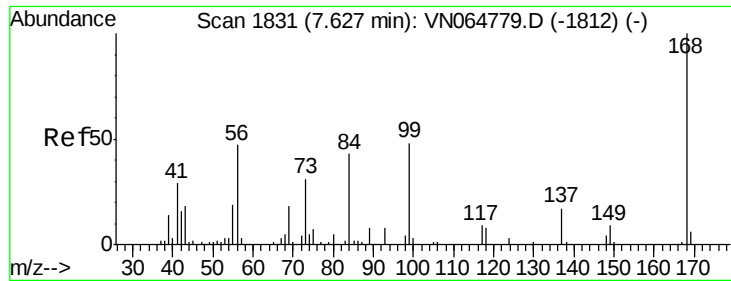
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

Lab File: VN065019.D

Acq: 9 Dec 2020 14:38

Instrument :

MSVOA_N

ClientSampleId :

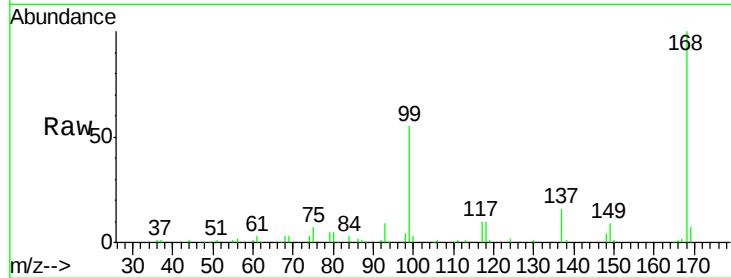
PB133473ZHE#20

Tot Ion:168 Resp: 163953

Ion Ratio Lower Upper

168 100

99 55.1 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

60000

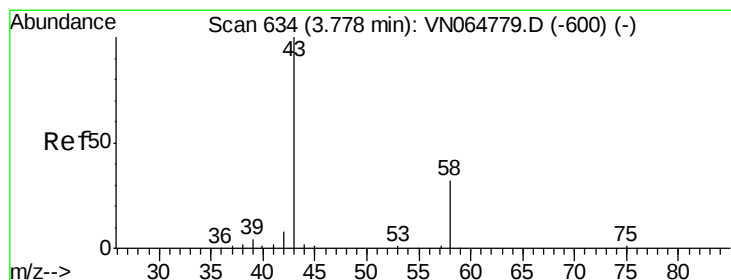
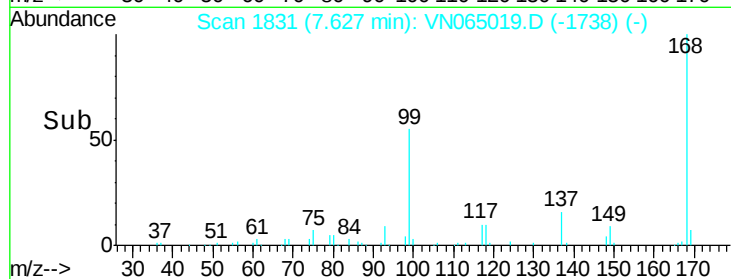
40000

20000

0

7.55 7.60 7.65 7.70

Time-->



#16

Acetone

Concen: 17.723 ug/l

RT: 3.78 min Scan# 635

Delta R.T. 0.00 min

Lab File: VN065019.D

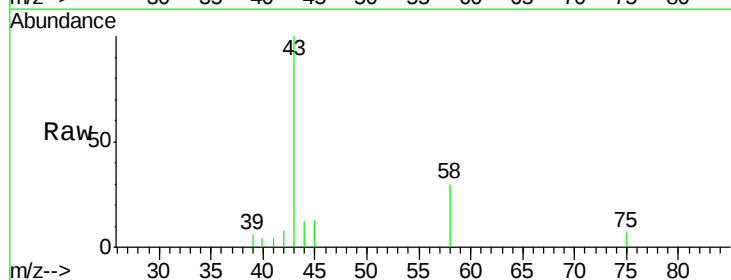
Acq: 9 Dec 2020 14:38

Tgt Ion: 43 Resp: 11105

Ion Ratio Lower Upper

43 100

58 30.2 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

4000

3000

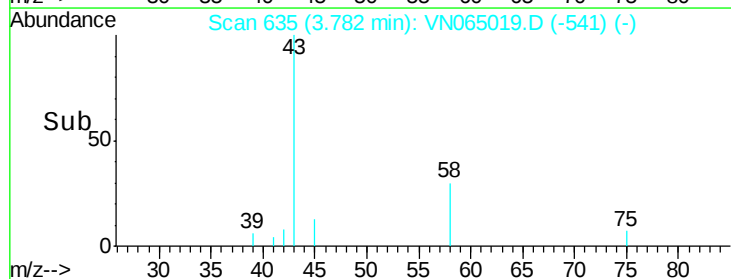
2000

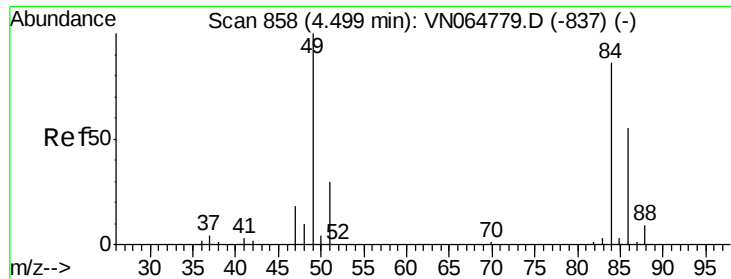
1000

0

3.70 3.75 3.80 3.85

Time-->

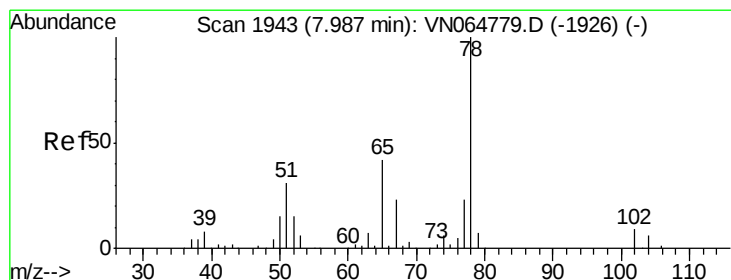
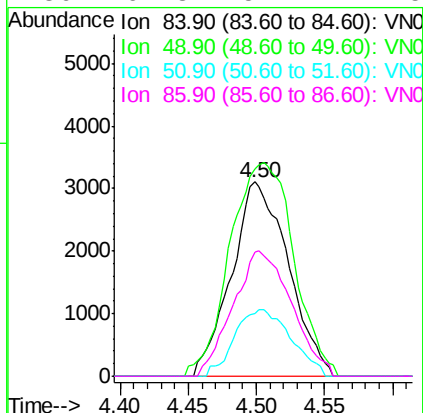
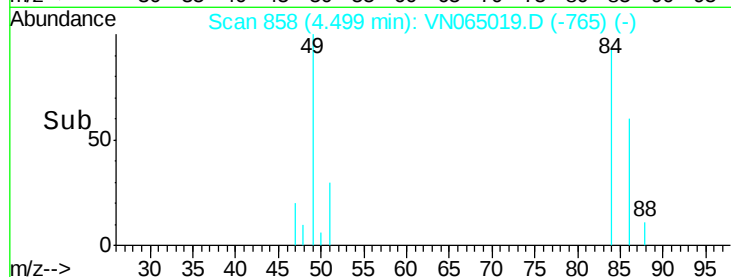
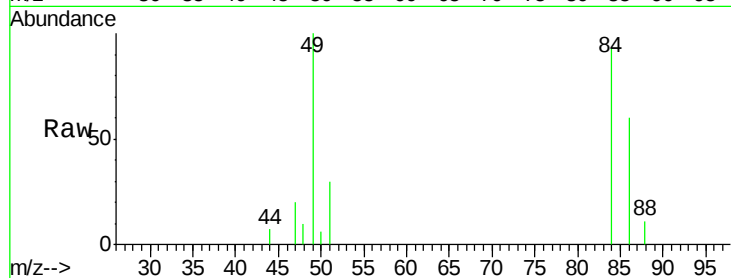




#20
Methylene Chloride
Concen: 4.574 ug/l
RT: 4.50 min Scan# 858
Delta R.T. -0.00 min
Lab File: VN065019.D
Acq: 9 Dec 2020 14:38

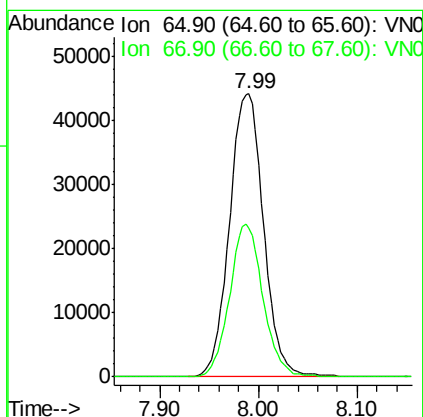
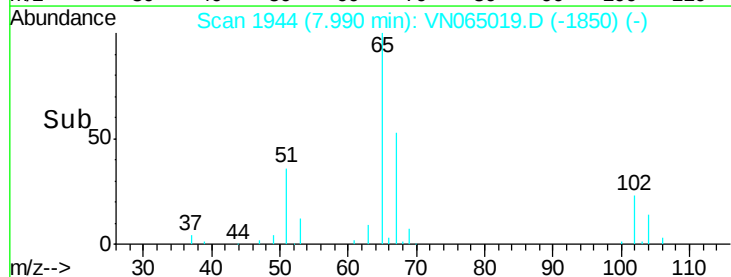
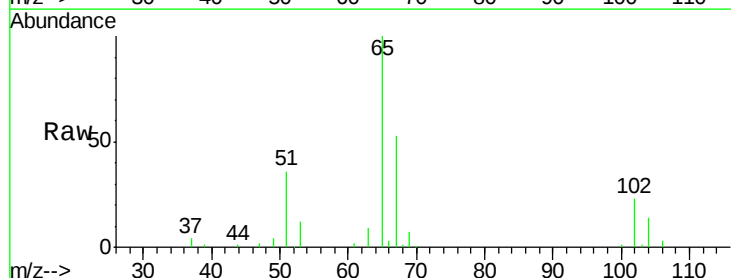
Instrument :
MSVOA_N
ClientSampleId :
PB133473ZHE#20

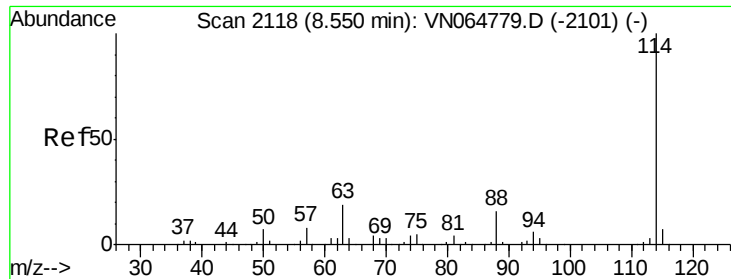
Tot Ion: 84 Resp: 8980
Ion Ratio Lower Upper
84 100
49 107.0 93.4 140.0
51 32.2 28.2 42.4
86 64.3 51.7 77.5



#33
1,2-Dichloroethane-d4
Concen: 55.683 ug/l
RT: 7.99 min Scan# 1944
Delta R.T. 0.00 min
Lab File: VN065019.D
Acq: 9 Dec 2020 14:38

Tgt Ion: 65 Resp: 106136
Ion Ratio Lower Upper
65 100
67 52.9 0.0 108.2

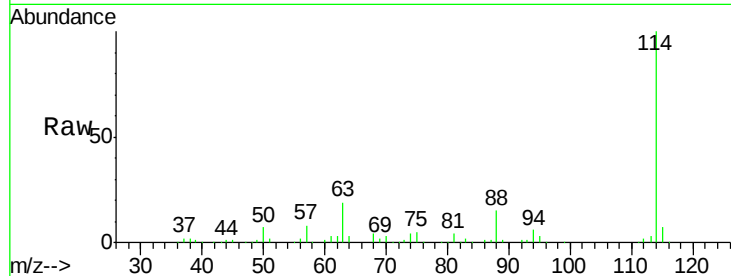




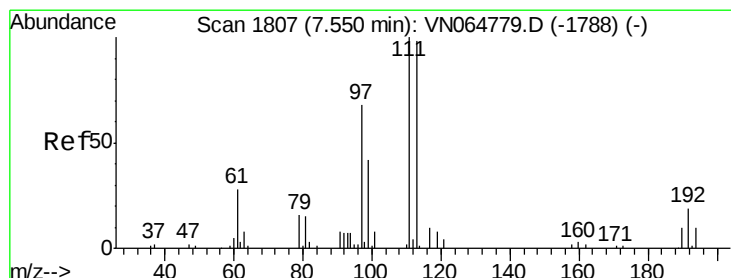
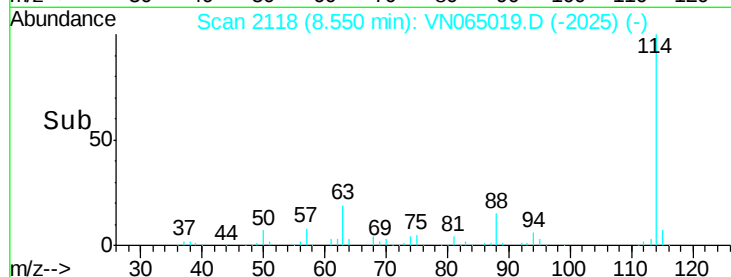
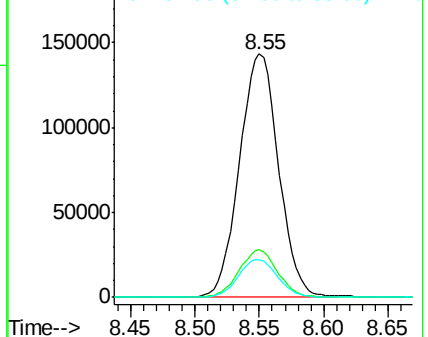
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VN065019.D
Acq: 9 Dec 2020 14:38

Instrument :
MSVOA_N
ClientSampleId :
PB133473ZHE#20

Tot Ion:114 Resp: 303299
Ion Ratio Lower Upper
114 100
63 19.5 0.0 38.6
88 15.4 0.0 32.6

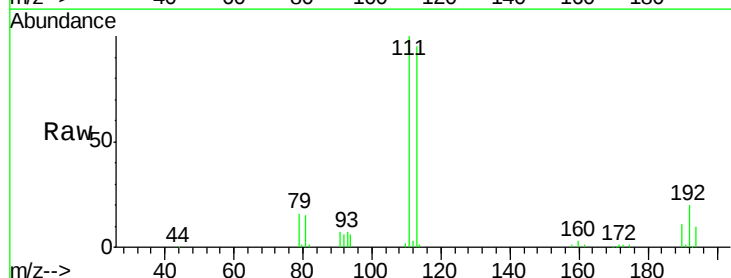


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

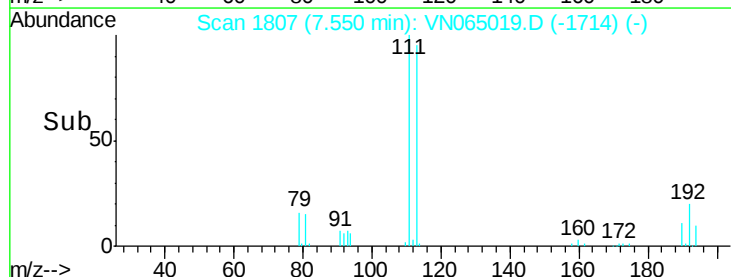
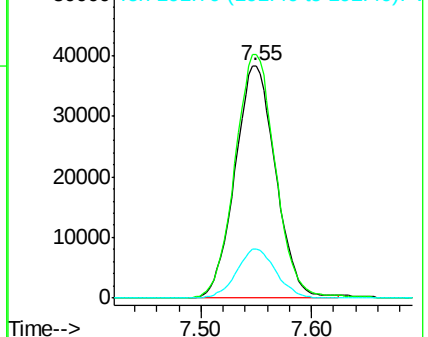


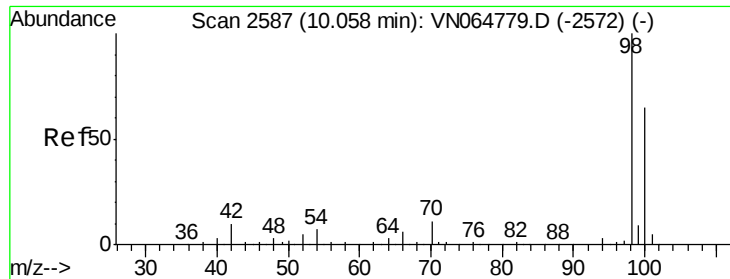
#35
Dibromofluoromethane
Concen: 53.869 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. -0.00 min
Lab File: VN065019.D
Acq: 9 Dec 2020 14:38

Tgt Ion:113 Resp: 97763
Ion Ratio Lower Upper
113 100
111 104.2 81.6 122.4
192 20.5 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





#50

Toluene-d8

Concen: 51.073 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN065019.D

Acq: 9 Dec 2020 14:38

Instrument :

MSVOA_N

ClientSampleId :

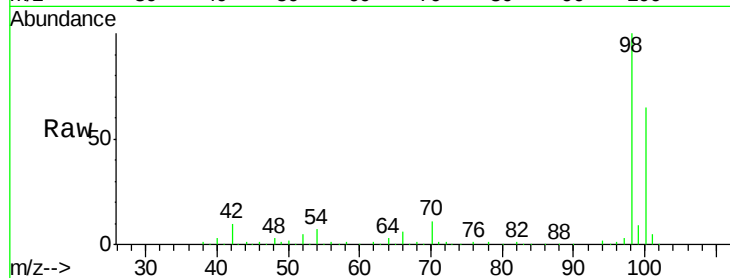
PB133473ZHE#20

Tot Ion: 98 Resp: 378724

Ion Ratio Lower Upper

98 100

100 64.6 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) (-)

10.06

200000

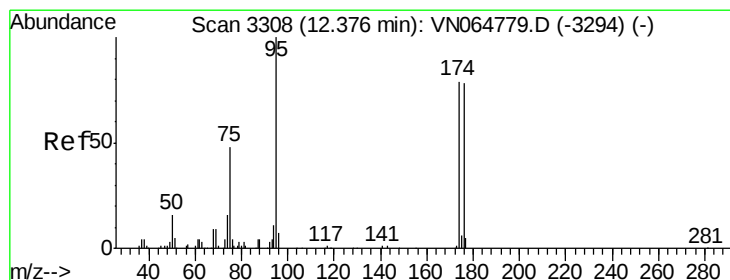
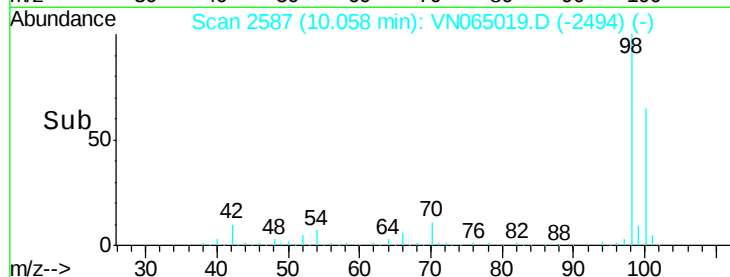
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 53.192 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN065019.D

Acq: 9 Dec 2020 14:38

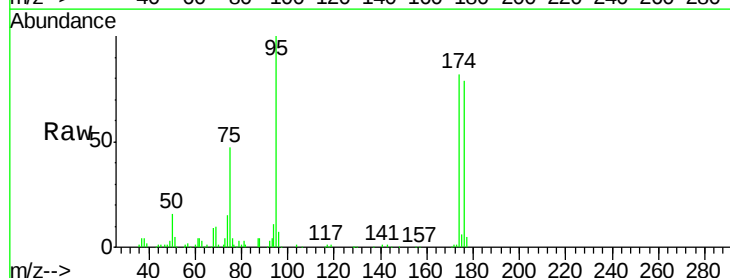
Tgt Ion: 95 Resp: 141162

Ion Ratio Lower Upper

95 100

174 83.1 0.0 160.4

176 79.2 0.0 158.4



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

Ion 173.80 (173.50 to 174.50): VN064779.D (-3294) (-)

Ion 175.80 (175.50 to 176.50): VN064779.D (-3294) (-)

12.38

100000

80000

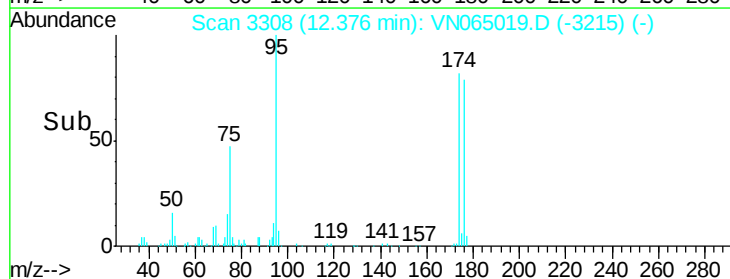
60000

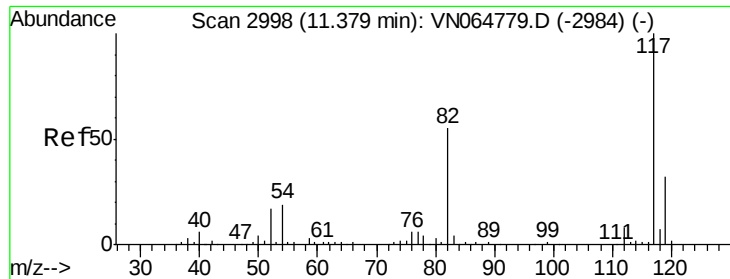
40000

20000

0

Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. -0.00 min

Lab File: VN065019.D

Acq: 9 Dec 2020 14:38

Instrument :

MSVOA_N

ClientSampleId :

PB133473ZHE#20

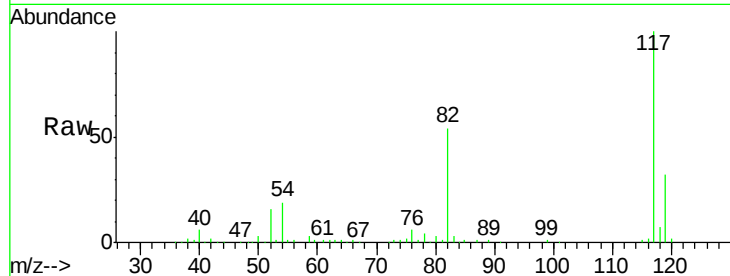
Tot Ion:117 Resp: 310606

Ion Ratio Lower Upper

117 100

82 53.5 44.2 66.2

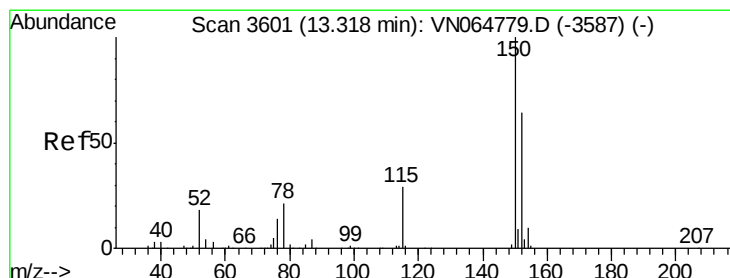
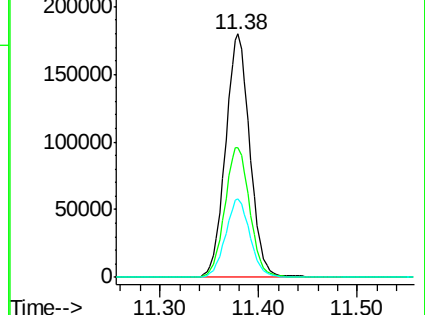
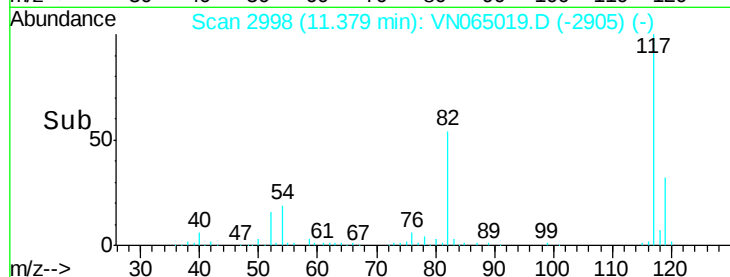
119 32.4 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

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: VN065019.D

Acq: 9 Dec 2020 14:38

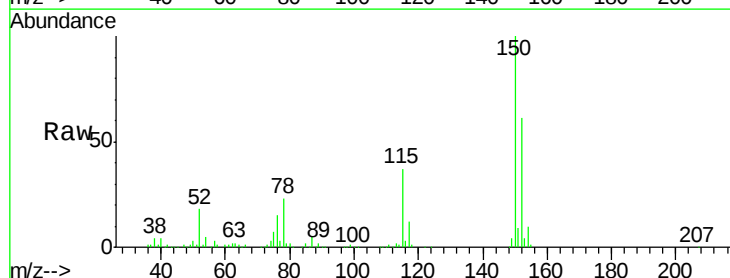
Tgt Ion:152 Resp: 133025

Ion Ratio Lower Upper

152 100

115 58.3 29.7 89.1

150 159.3 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

