

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120820\
 Data File : VN064980.D
 Acq On : 8 Dec 2020 19:26
 Operator : JC/MD
 Sample : PB133456ZHE#17
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB133456ZHE#17

Quant Time: Dec 09 07:32:16 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	162711	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	320879	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	334178	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	139748	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	106214	56.15	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	112.30%
35) Dibromofluoromethane	7.55	113	98280	51.19	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	102.38%
50) Toluene-d8	10.06	98	397178	50.63	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	101.26%
62) 4-Bromofluorobenzene	12.37	95	149319	53.18	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	106.36%

Target Compounds

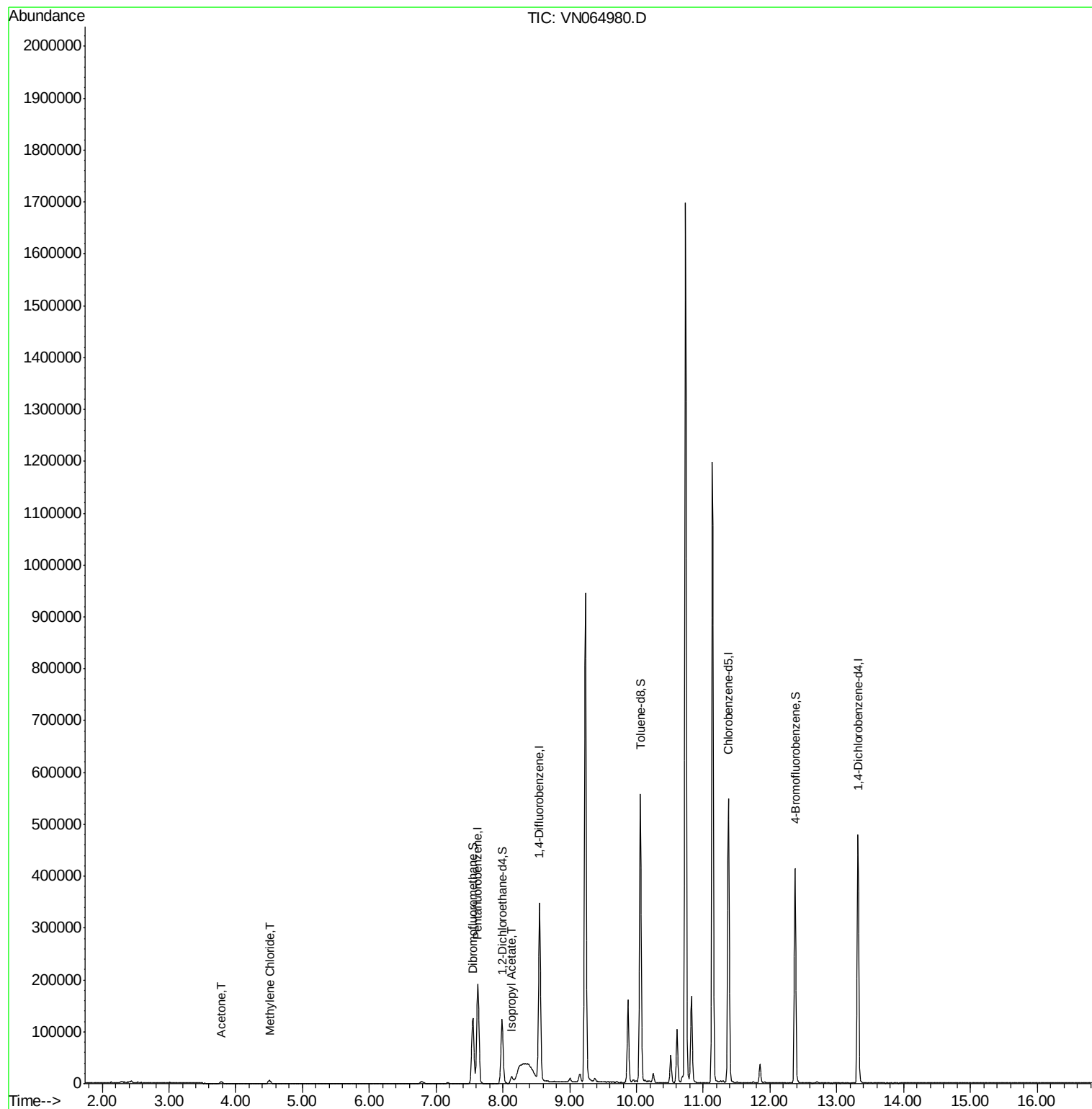
					Qvalue
16) Acetone	3.78	43	5715	9.191 ug/l	95
20) Methylene Chloride	4.51	84	5202	2.670 ug/l	96
43) Isopropyl Acetate	8.13	43	17554	3.808 ug/l	96

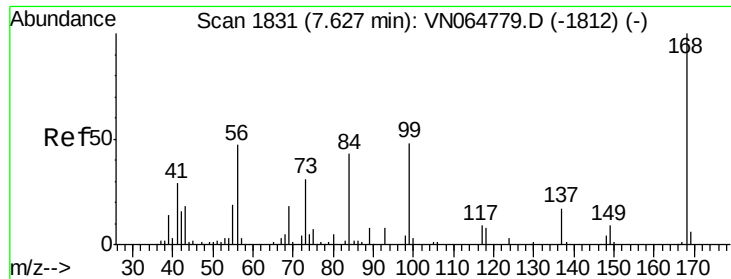
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Nov 23 13:54:12 2020
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN064980.D

Acq: 8 Dec 2020 19:26

Instrument :

MSVOA_N

ClientSampleId :

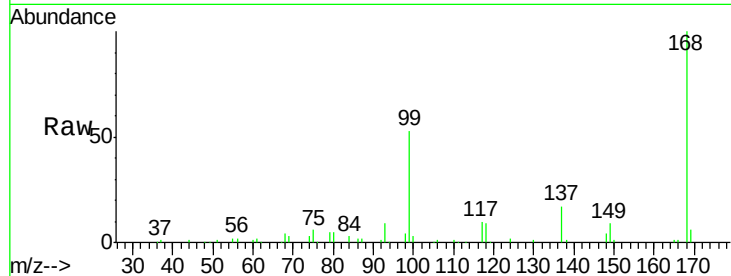
PB133456ZHE#17

Tot Ion:168 Resp: 162711

Ion Ratio Lower Upper

168 100

99 53.2 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.63

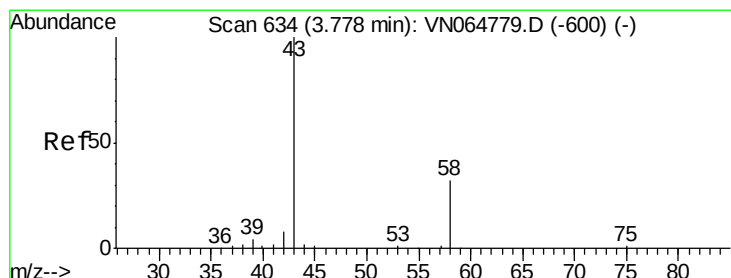
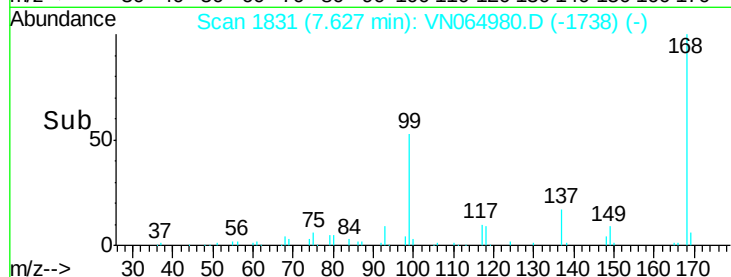
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 9.191 ug/l

RT: 3.78 min Scan# 635

Delta R.T. 0.00 min

Lab File: VN064980.D

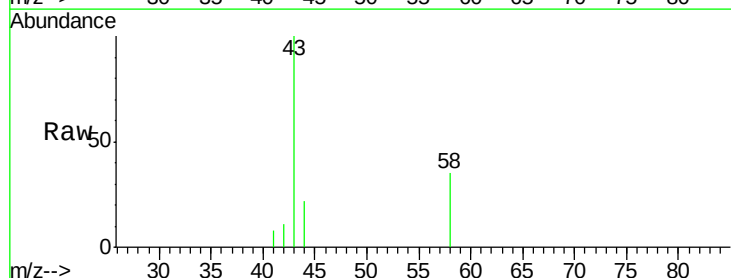
Acq: 8 Dec 2020 19:26

Tgt Ion: 43 Resp: 5715

Ion Ratio Lower Upper

43 100

58 35.0 25.7 38.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.78

2500

2000

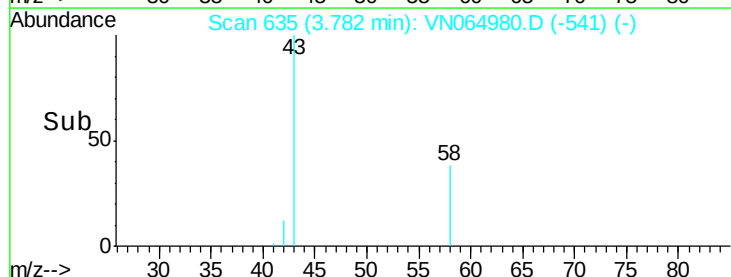
1500

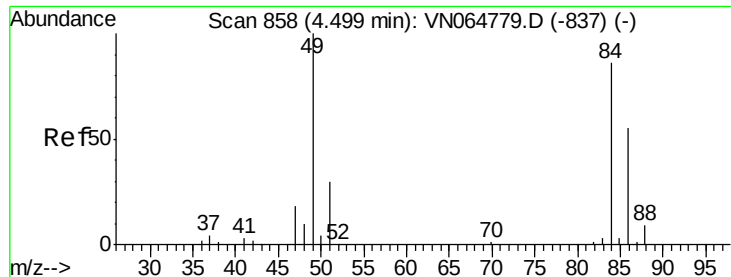
1000

500

0

Time--> 3.70 3.75 3.80 3.85



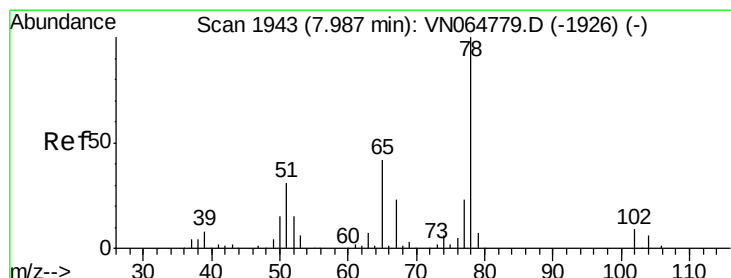
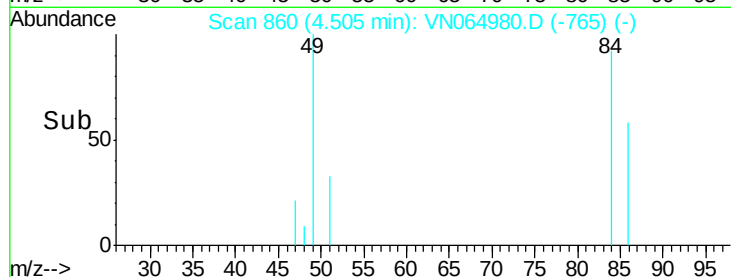
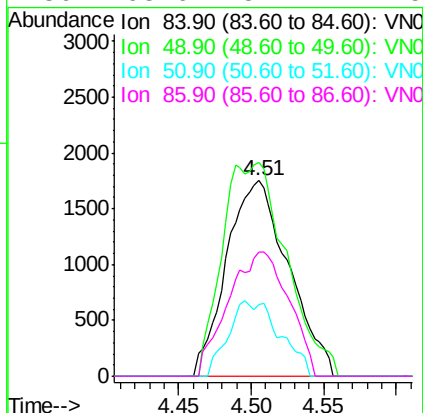
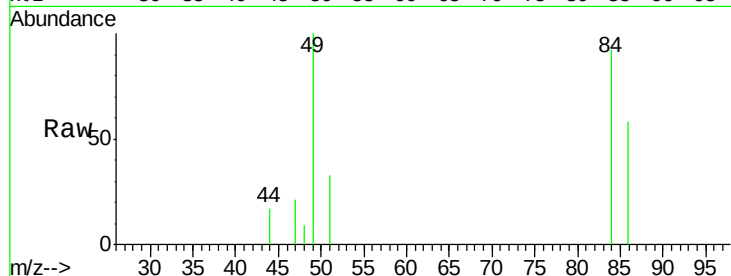


#20
Methylene Chloride
Concen: 2.670 ug/l
RT: 4.51 min Scan# 860
Delta R.T. 0.01 min
Lab File: VN064980.D
Acq: 8 Dec 2020 19:26

Instrument :
MSVOA_N
ClientSampleId :
PB133456ZHE#17

Tot Ion: 84 Resp: 5202

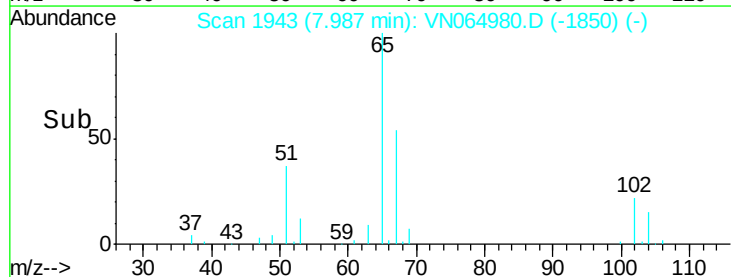
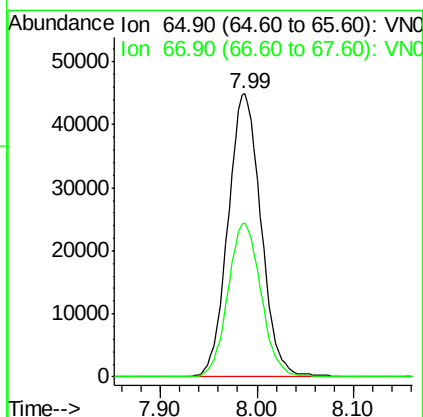
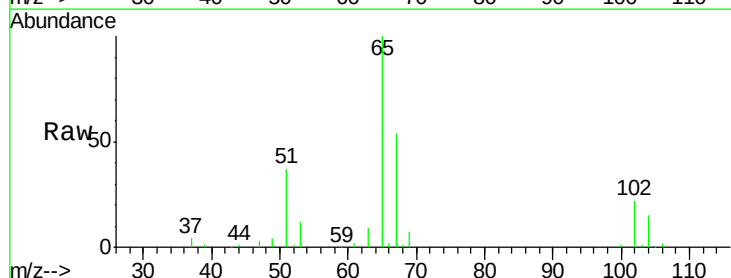
Ion	Ratio	Lower	Upper
84	100		
49	109.1	93.4	140.0
51	36.5	28.2	42.4
86	63.6	51.7	77.5

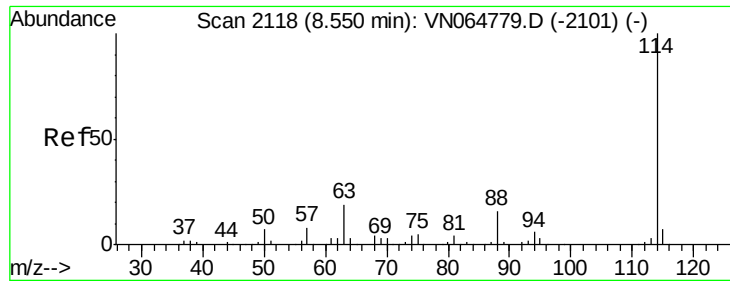


#33
1,2-Dichloroethane-d4
Concen: 56.150 ug/l
RT: 7.99 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN064980.D
Acq: 8 Dec 2020 19:26

Tgt Ion: 65 Resp: 106214

Ion	Ratio	Lower	Upper
65	100		
67	54.4	0.0	108.2

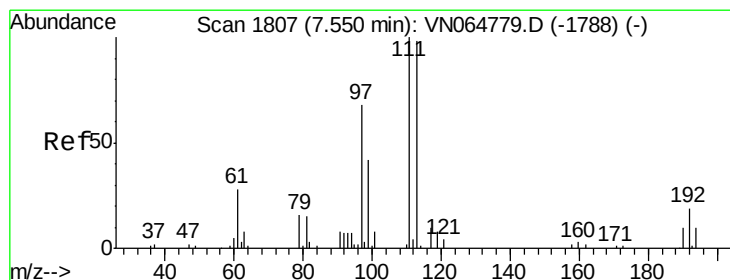
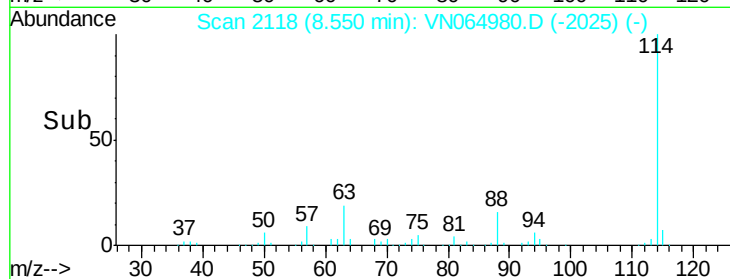
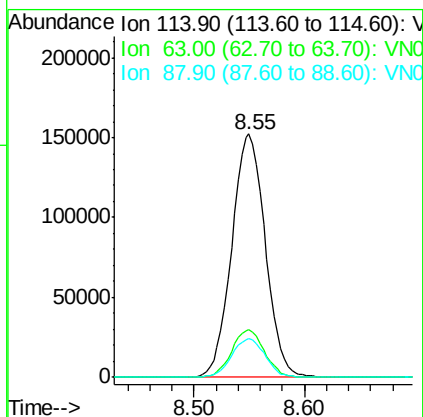
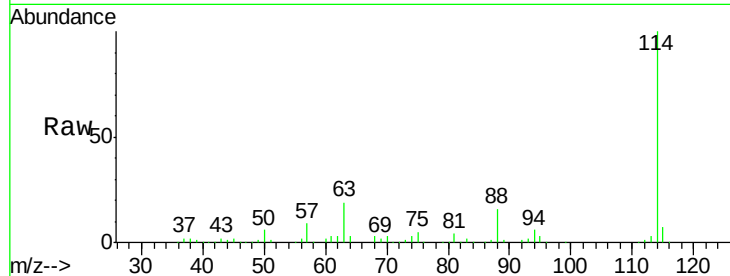




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN064980.D
 Acq: 8 Dec 2020 19:26

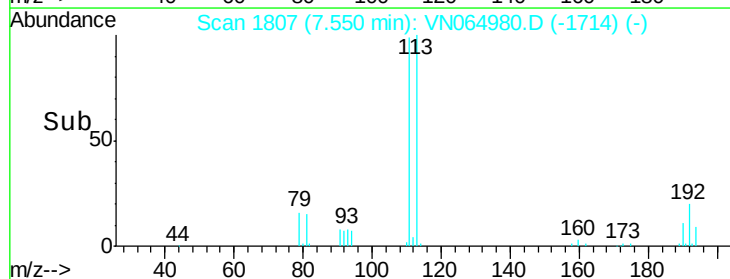
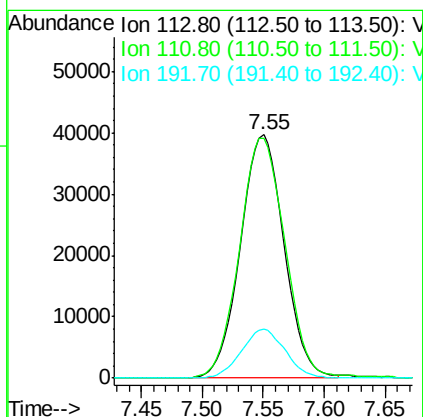
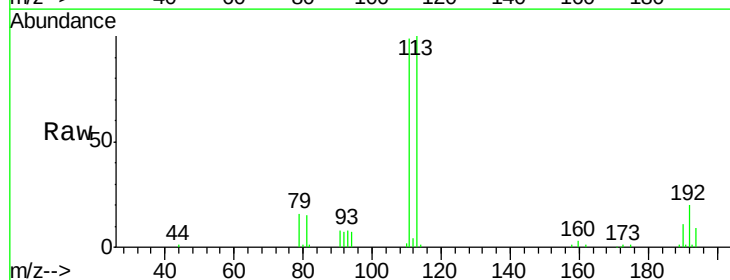
Instrument :
 MSVOA_N
 ClientSampleId :
 PB133456ZHE#17

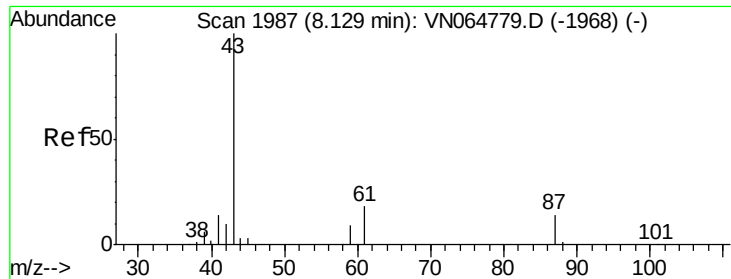
Tot Ion:114 Resp: 320879
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 38.6
 88 16.0 0.0 32.6



#35
 Dibromofluoromethane
 Concen: 51.187 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN064980.D
 Acq: 8 Dec 2020 19:26

Tgt Ion:113 Resp: 98280
 Ion Ratio Lower Upper
 113 100
 111 103.0 81.6 122.4
 192 20.2 16.2 24.2





#43

Isopropyl Acetate

Concen: 3.808 ug/l

RT: 8.13 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN064980.D

Acq: 8 Dec 2020 19:26

Instrument :

MSVOA_N

ClientSampleId :

PB133456ZHE#17

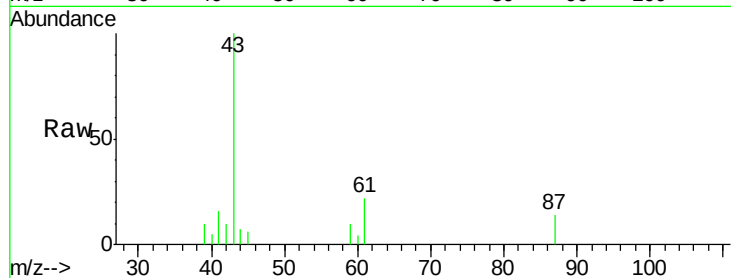
Tot Ion: 43 Resp: 17554

Ion Ratio Lower Upper

43 100

61 19.6 17.2 25.8

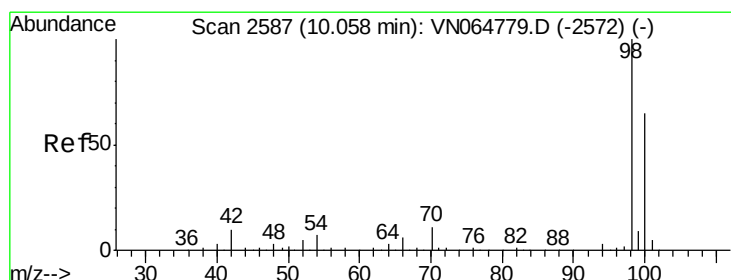
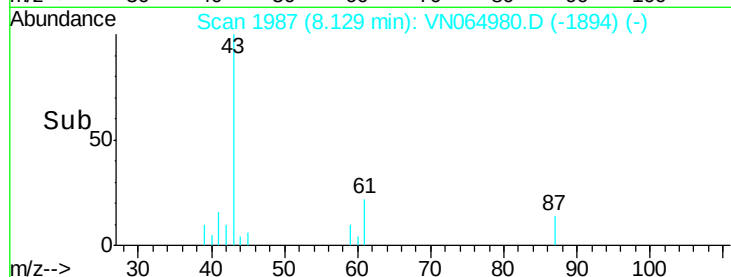
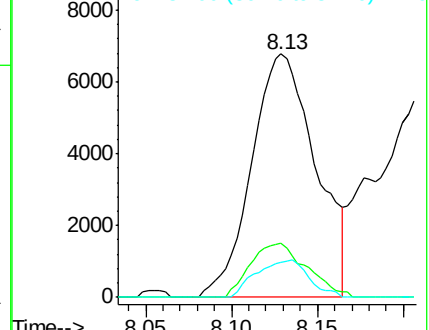
87 12.5 11.4 17.0



Abundance Ion 43.00 (42.70 to 43.70): VN064779.D (-1968) (-)

Ion 61.00 (60.70 to 61.70): VN064779.D (-1968) (-)

Ion 87.00 (86.70 to 87.70): VN064779.D (-1968) (-)



#50

Toluene-d8

Concen: 50.627 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN064980.D

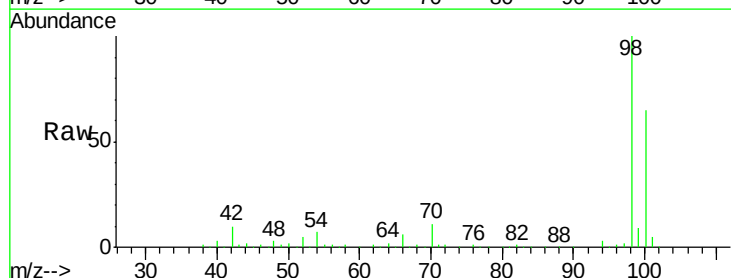
Acq: 8 Dec 2020 19:26

Tgt Ion: 98 Resp: 397178

Ion Ratio Lower Upper

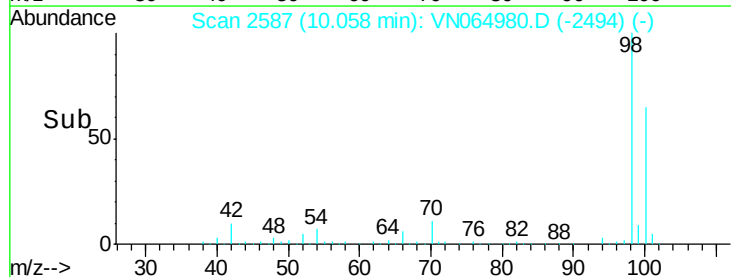
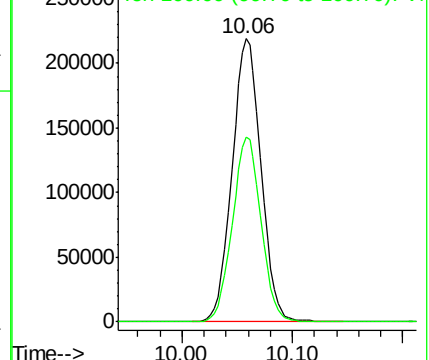
98 100

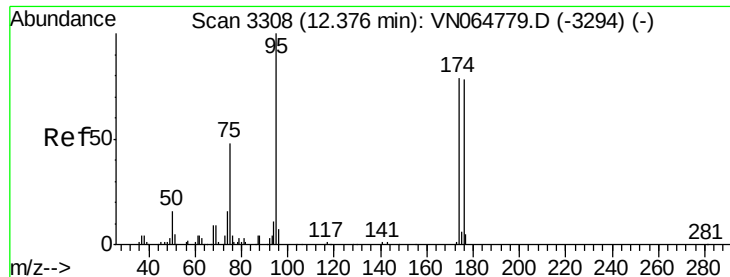
100 64.8 51.7 77.5



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

Ion 100.00 (99.70 to 100.70): VN064779.D (-2572) (-)





#62

4-Bromofluorobenzene

Concen: 53.184 ug/l

RT: 12.37 min Scan# 3307

Delta R.T. -0.00 min

Lab File: VN064980.D

Acq: 8 Dec 2020 19:26

Instrument :

MSVOA_N

ClientSampleId :

PB133456ZHE#17

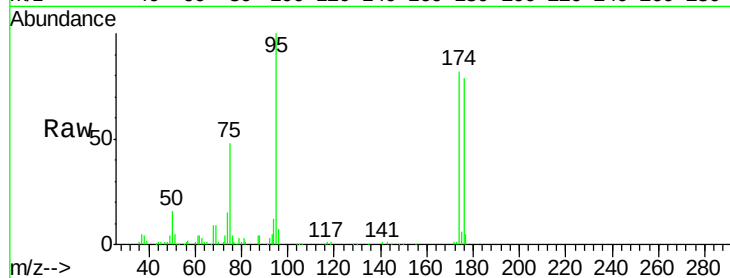
Tot Ion: 95 Resp: 149319

Ion Ratio Lower Upper

95 100

174 83.1 0.0 160.4

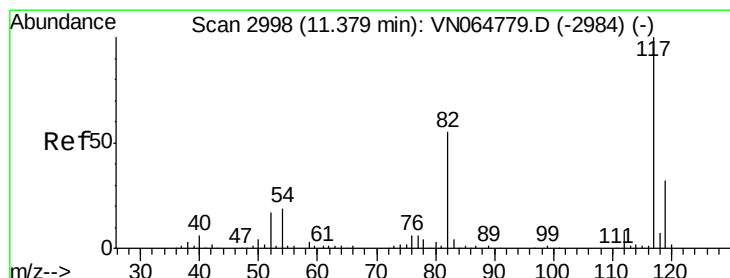
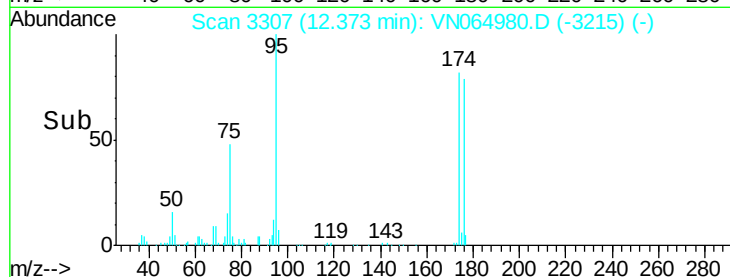
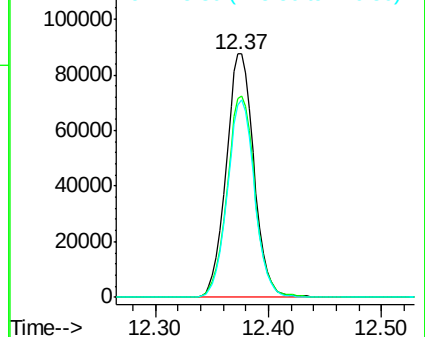
176 79.2 0.0 158.4



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) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. 0.00 min

Lab File: VN064980.D

Acq: 8 Dec 2020 19:26

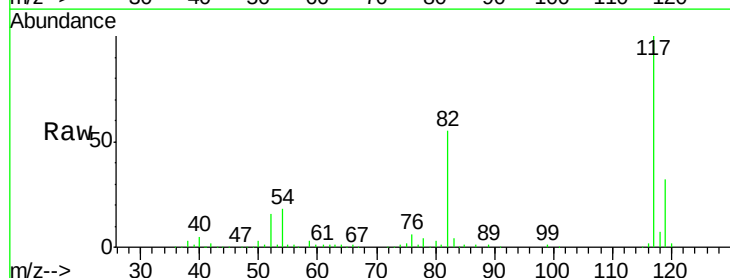
Tgt Ion: 117 Resp: 334178

Ion Ratio Lower Upper

117 100

82 54.7 44.2 66.2

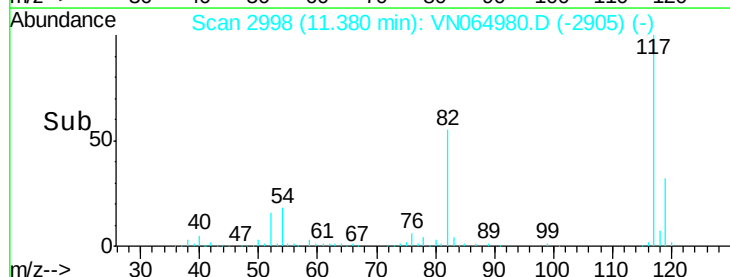
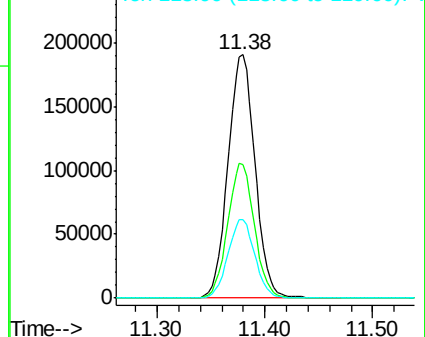
119 32.3 25.8 38.6

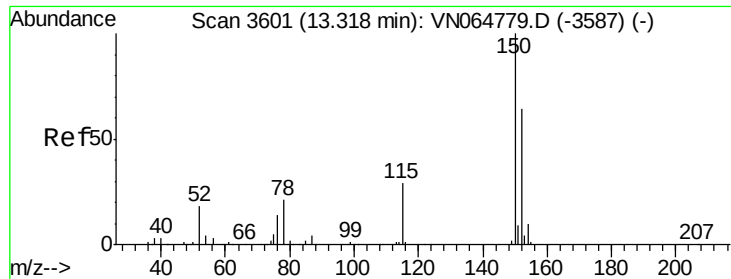


Abundance Ion 116.90 (116.60 to 117.60): VN064779.D (-2984) (-)

Ion 82.00 (81.70 to 82.70): VN064779.D (-2984) (-)

Ion 118.90 (118.60 to 119.60): VN064779.D (-2984) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3600

Delta R.T. -0.00 min

Lab File: VN064980.D

Acq: 8 Dec 2020 19:26

Instrument :

MSVOA_N

ClientSampleId :

PB133456ZHE#17

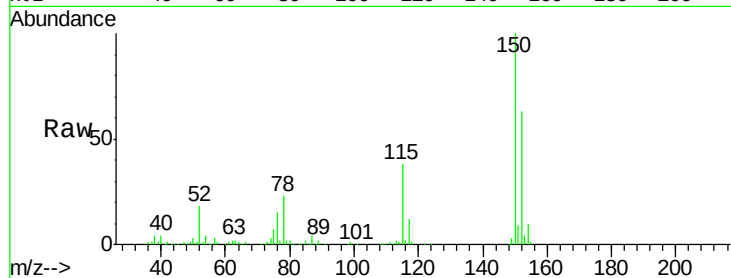
Tot Ion:152 Resp: 139748

Ion Ratio Lower Upper

152 100

115 58.8 29.7 89.1

150 157.3 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

