

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120920\
 Data File : VN065034.D
 Acq On : 9 Dec 2020 20:39
 Operator : JC/MD
 Sample : PB133472ZHE#15
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB133472ZHE#15

Quant Time: Dec 10 05:01:50 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	161621	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	322229	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	335786	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	141400	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	108897	57.96	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	115.92%
35) Dibromofluoromethane	7.55	113	99281	51.49	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	102.98%
50) Toluene-d8	10.06	98	405627	51.49	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	102.98%
62) 4-Bromofluorobenzene	12.38	95	148320	52.61	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	105.22%

Target Compounds

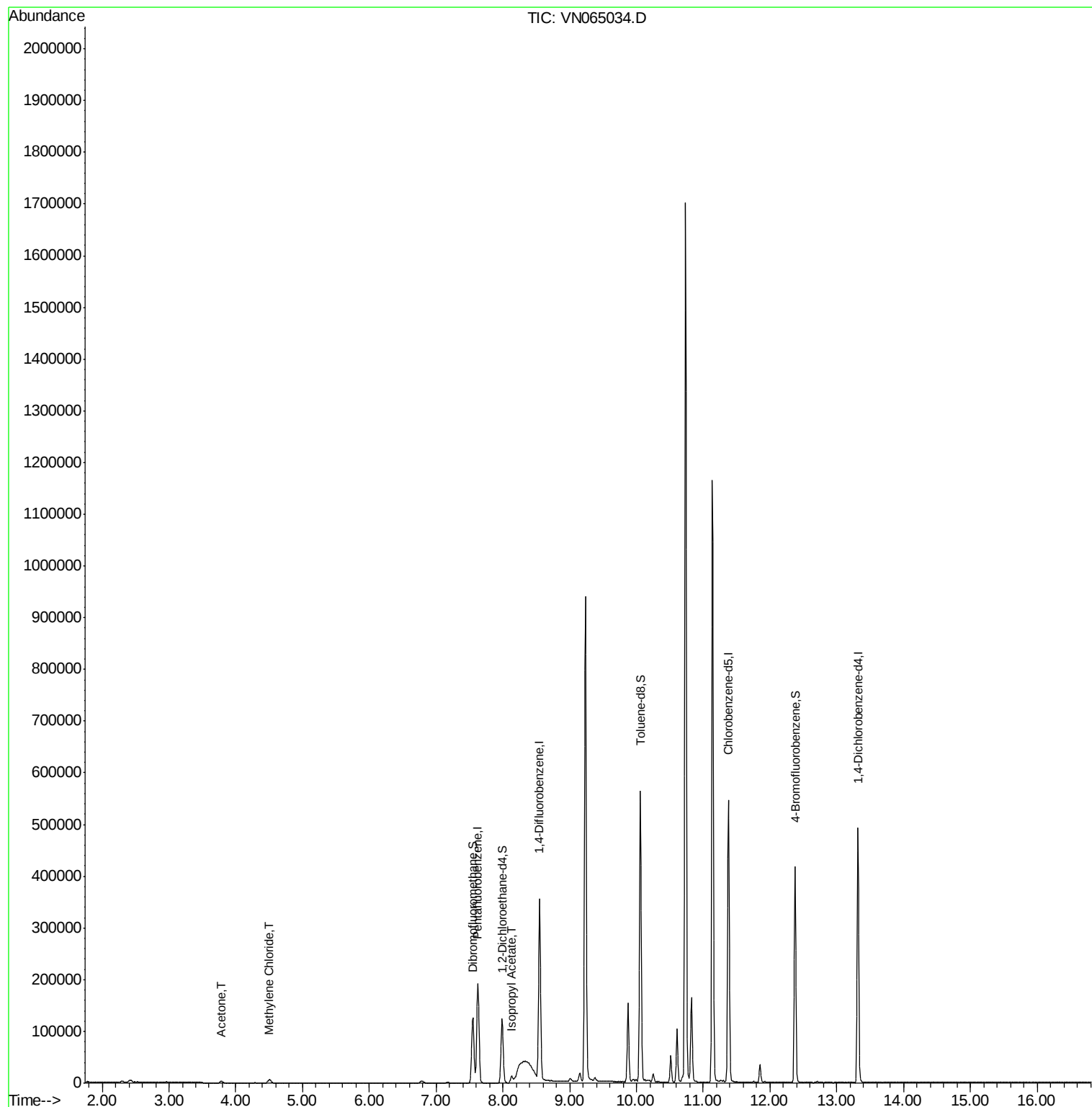
					Qvalue
16) Acetone	3.78	43	5904	9.559 ug/l	98
20) Methylene Chloride	4.50	84	5940	3.069 ug/l	93
43) Isopropyl Acetate	8.13	43	16357	3.533 ug/l	95

(#) = 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: VN065034.D

Acq: 9 Dec 2020 20:39

Instrument :

MSVOA_N

ClientSampleId :

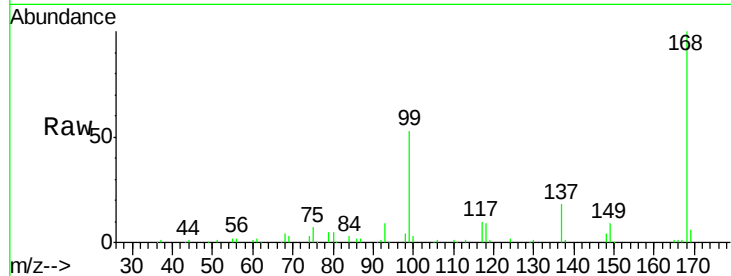
PB133472ZHE#15

Tot Ion:168 Resp: 161621

Ion Ratio Lower Upper

168 100

99 52.7 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): VN064779.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN064779.D (-1812) (-)

7.63

60000

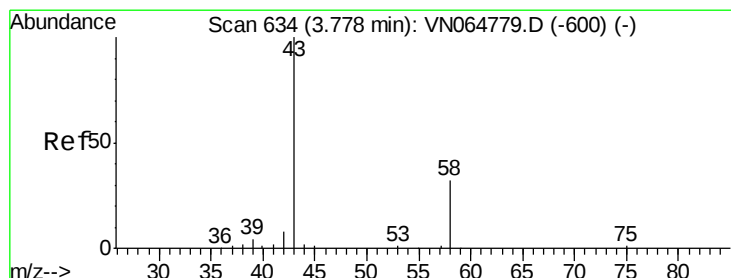
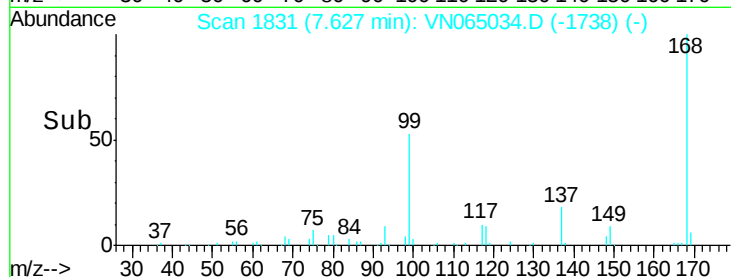
40000

20000

0

7.55 7.60 7.65 7.70

Time-->



#16

Acetone

Concen: 9.559 ug/l

RT: 3.78 min Scan# 635

Delta R.T. 0.00 min

Lab File: VN065034.D

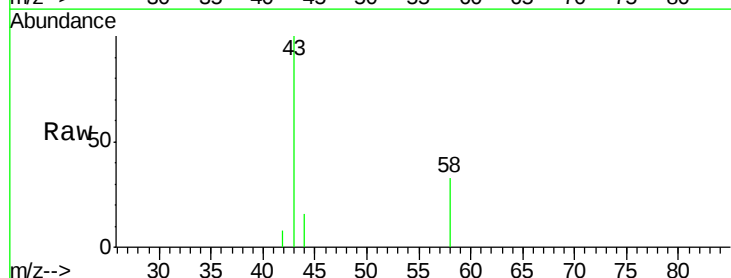
Acq: 9 Dec 2020 20:39

Tgt Ion: 43 Resp: 5904

Ion Ratio Lower Upper

43 100

58 33.3 25.7 38.5



Abundance Ion 43.00 (42.70 to 43.70): VN064779.D (-600) (-)

Ion 58.00 (57.70 to 58.70): VN064779.D (-600) (-)

3.78

2500

2000

1500

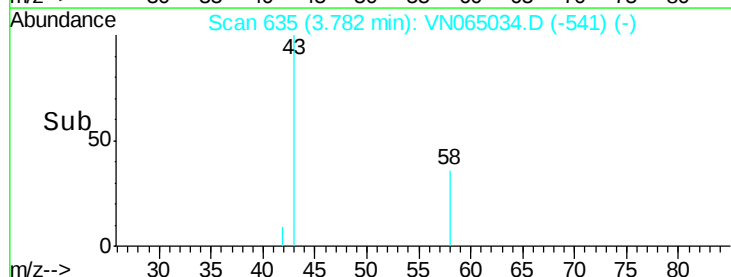
1000

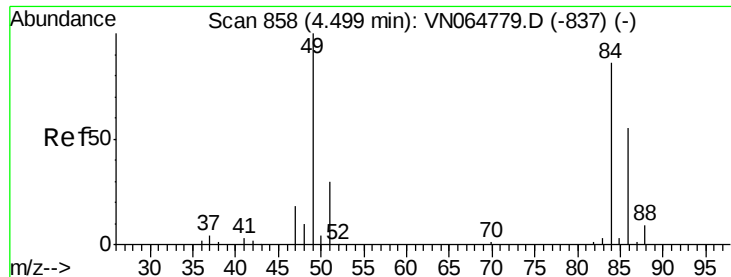
500

0

3.70 3.75 3.80 3.85

Time-->



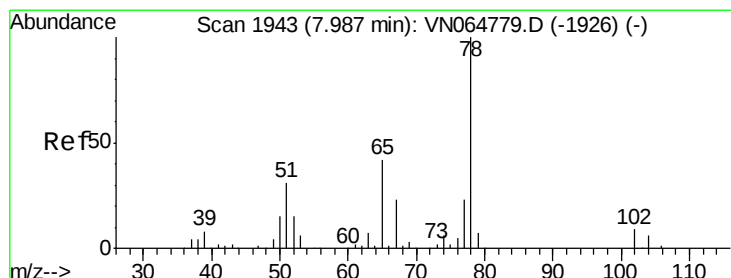
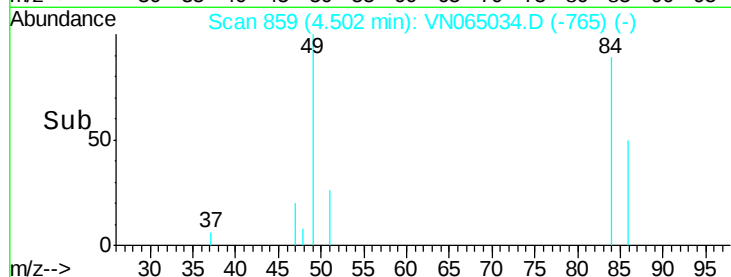
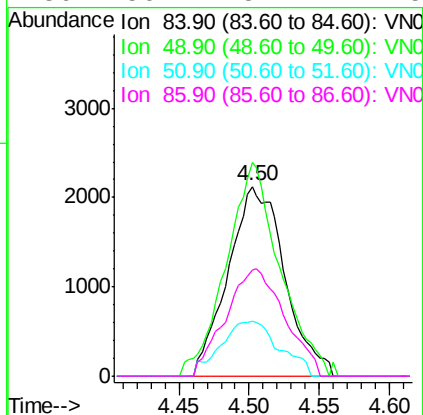
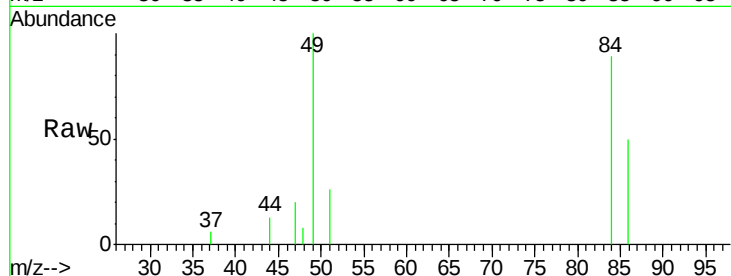


#20
Methvlene Chloride
Concen: 3.069 ug/l
RT: 4.50 min Scan# 859
Delta R.T. 0.00 min
Lab File: VN065034.D
Acq: 9 Dec 2020 20:39

Instrument :
MSVOA_N
ClientSampleId :
PB133472ZHE#15

Tot Ion: 84 Resp: 5940

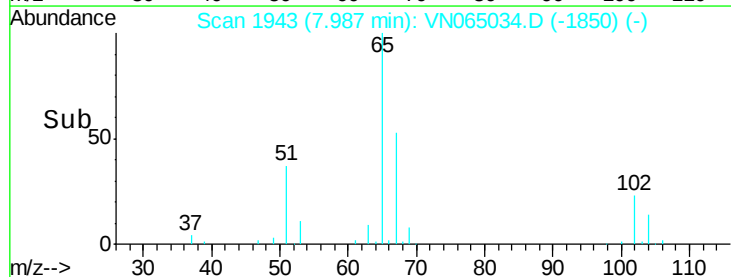
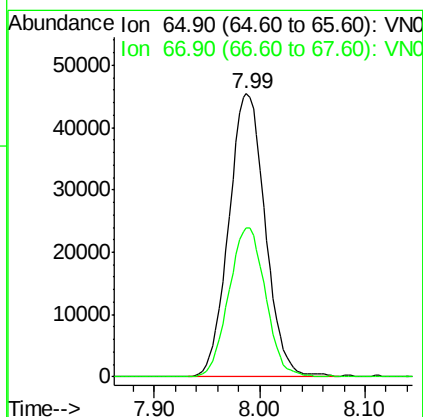
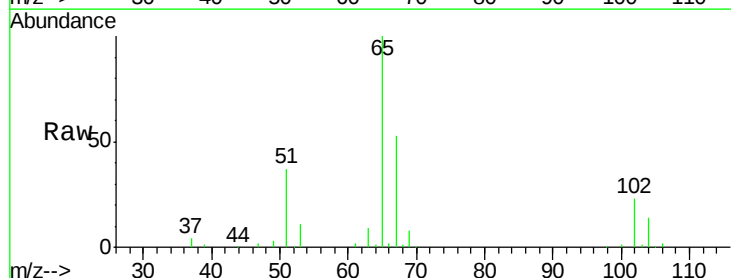
Ion	Ratio	Lower	Upper
84	100		
49	112.6	93.4	140.0
51	29.1	28.2	42.4
86	56.2	51.7	77.5

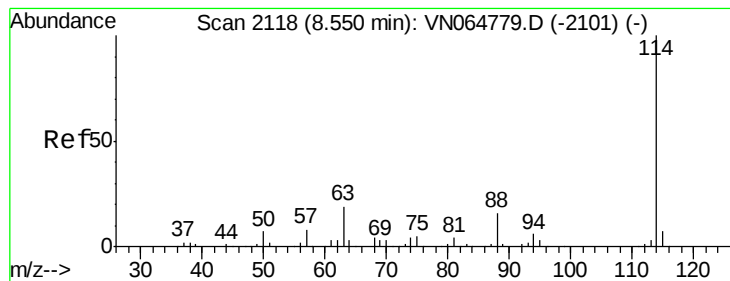


#33
1,2-Dichloroethane-d4
Concen: 57.956 ug/l
RT: 7.99 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN065034.D
Acq: 9 Dec 2020 20:39

Tgt Ion: 65 Resp: 108897

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: VN065034.D

Acq: 9 Dec 2020 20:39

Instrument :

MSVOA_N

ClientSampleId :

PB133472ZHE#15

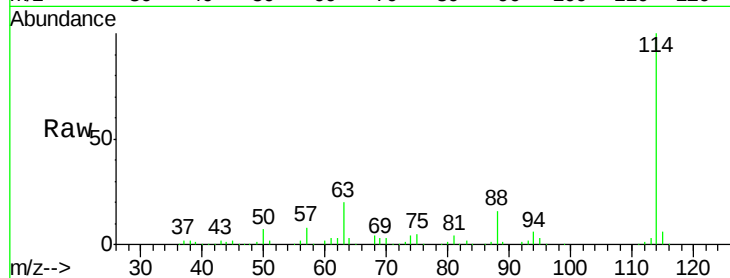
Tot Ion:114 Resp: 322229

Ion Ratio Lower Upper

114 100

63 19.5 0.0 38.6

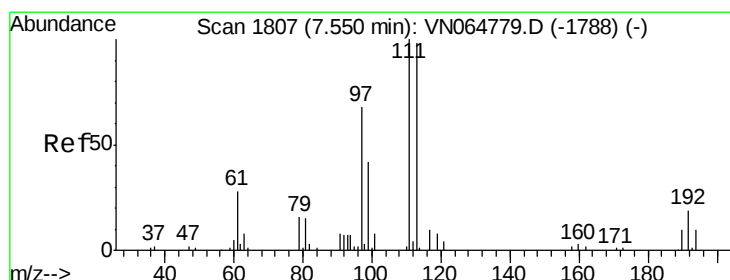
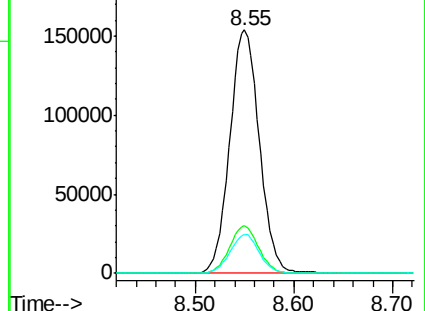
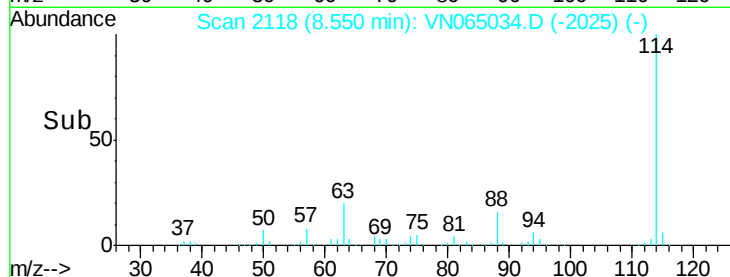
88 16.0 0.0 32.6



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: 51.491 ug/l

RT: 7.55 min Scan# 1806

Delta R.T. -0.00 min

Lab File: VN065034.D

Acq: 9 Dec 2020 20:39

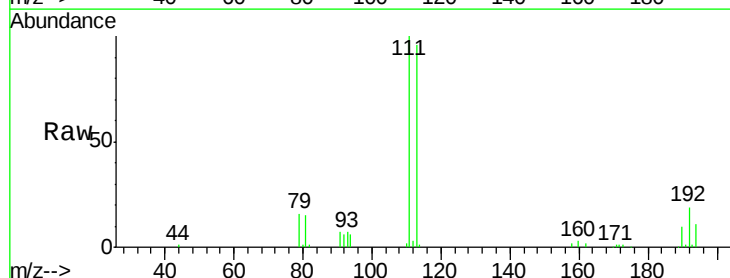
Tgt Ion:113 Resp: 99281

Ion Ratio Lower Upper

113 100

111 103.2 81.6 122.4

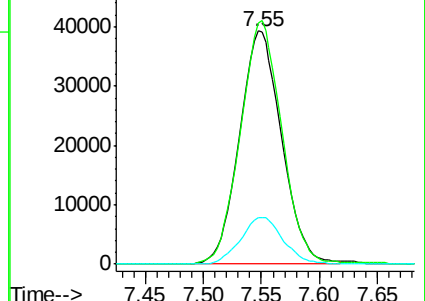
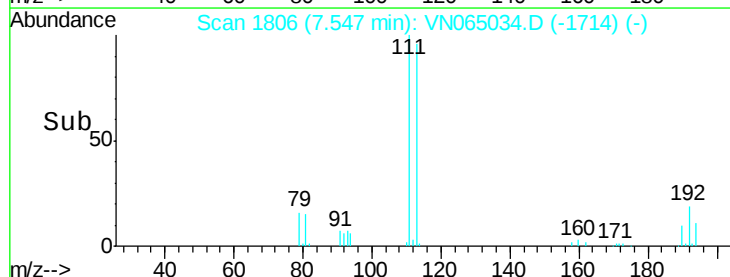
192 20.1 16.2 24.2

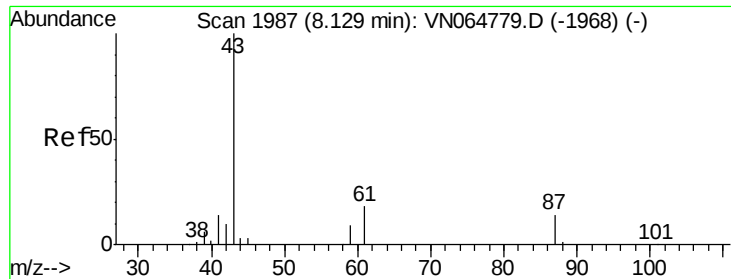


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 3.533 ug/l

RT: 8.13 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN065034.D

Acq: 9 Dec 2020 20:39

Instrument :

MSVOA_N

ClientSampleId :

PB133472ZHE#15

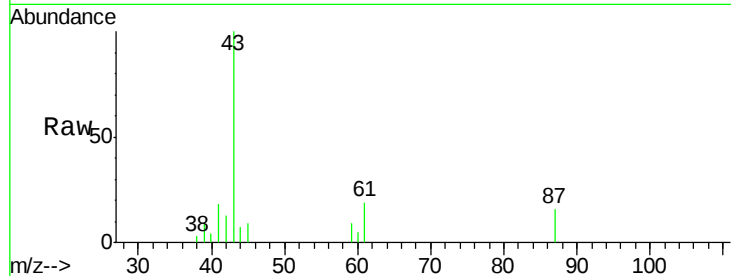
Tot Ion: 43 Resp: 16357

Ion Ratio Lower Upper

43 100

61 18.4 17.2 25.8

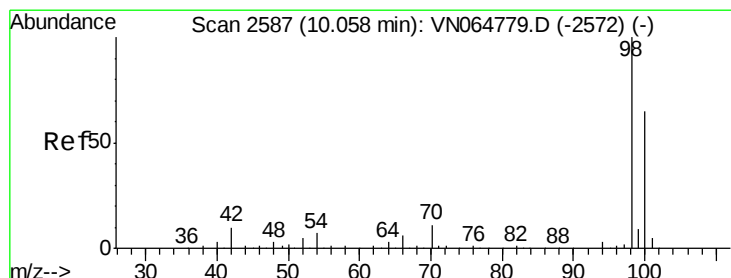
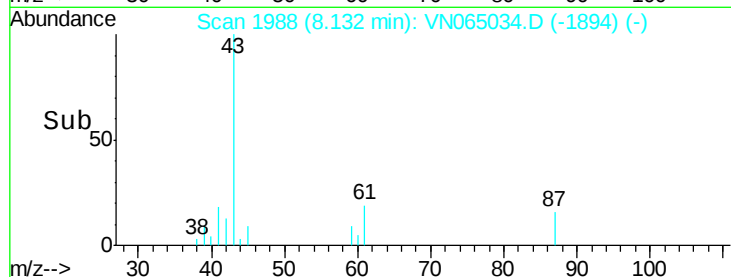
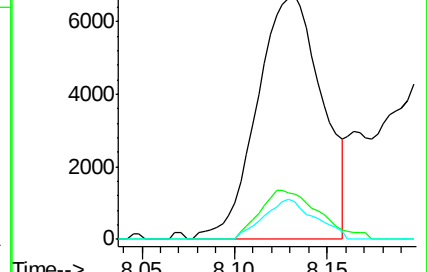
87 12.9 11.4 17.0



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: 51.488 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN065034.D

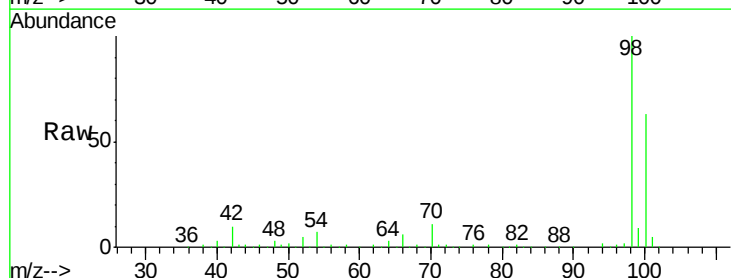
Acq: 9 Dec 2020 20:39

Tgt Ion: 98 Resp: 405627

Ion Ratio Lower Upper

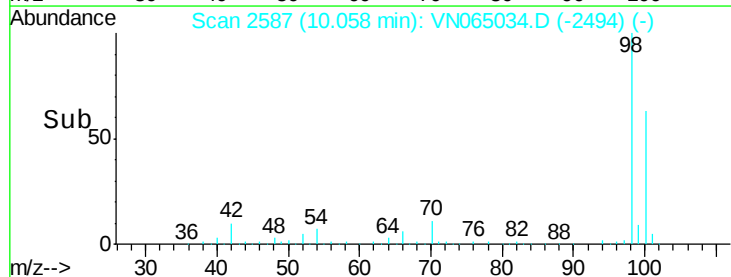
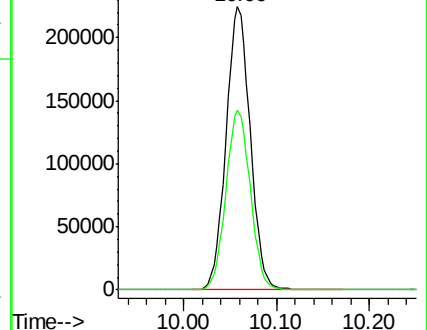
98 100

100 64.1 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: 52.606 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN065034.D

Acq: 9 Dec 2020 20:39

Instrument :

MSVOA_N

ClientSampleId :

PB133472ZHE#15

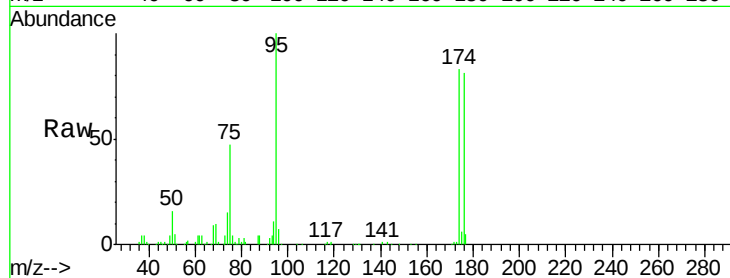
Tot Ion: 95 Resp: 148320

Ion Ratio Lower Upper

95 100

174 83.6 0.0 160.4

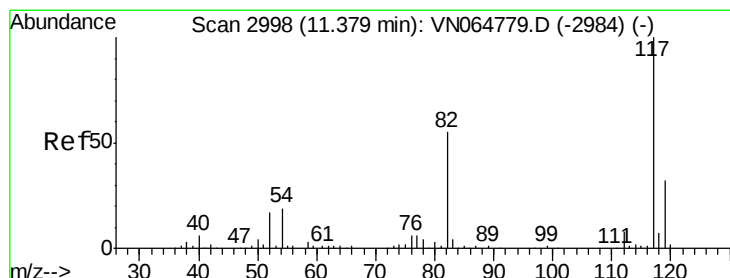
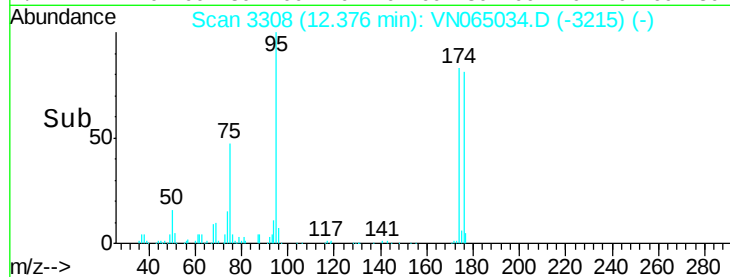
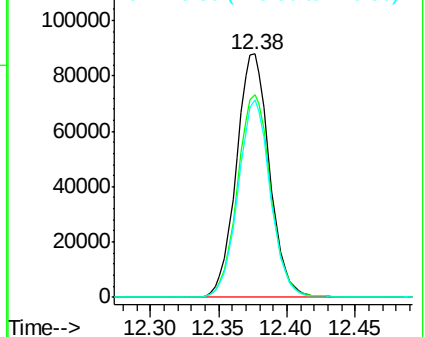
176 79.0 0.0 158.4



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# 2997

Delta R.T. -0.00 min

Lab File: VN065034.D

Acq: 9 Dec 2020 20:39

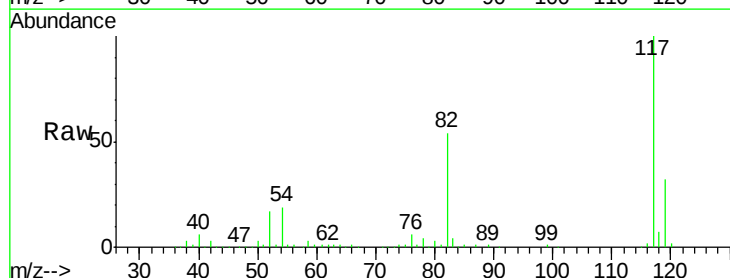
Tgt Ion: 117 Resp: 335786

Ion Ratio Lower Upper

117 100

82 54.3 44.2 66.2

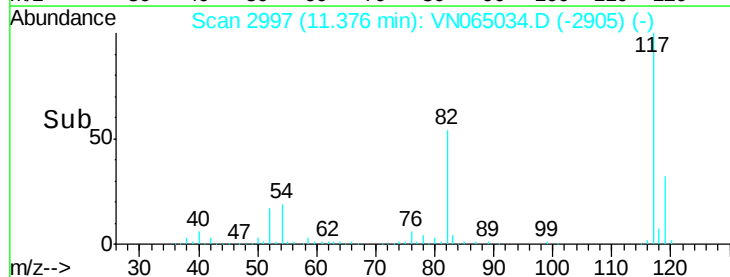
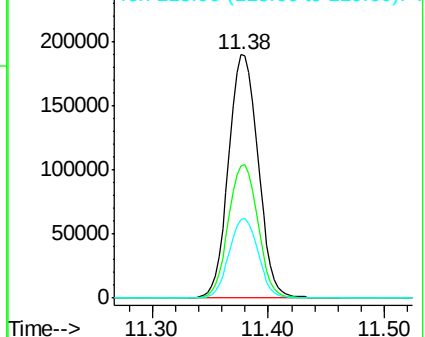
119 32.3 25.8 38.6

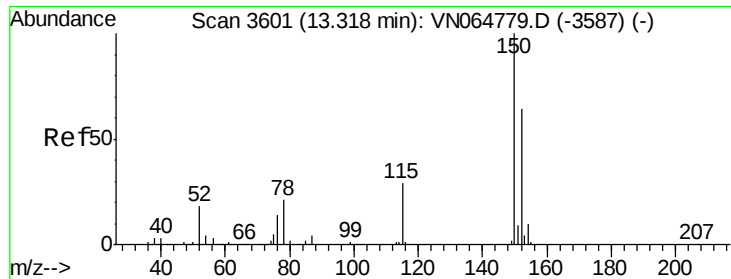


Abundance Ion 116.90 (116.60 to 117.60): VN064779.D (-2984) (-)

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# 3601

Delta R.T. 0.00 min

Lab File: VN065034.D

Acq: 9 Dec 2020 20:39

Instrument :

MSVOA_N

ClientSampleId :

PB133472ZHE#15

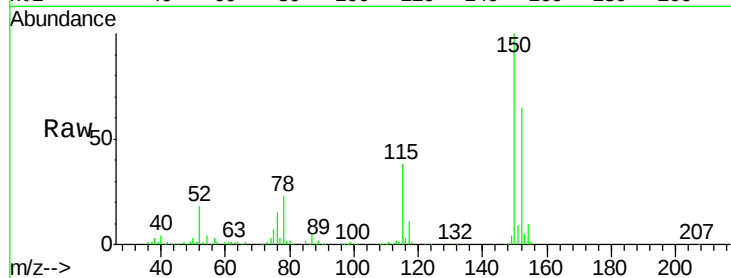
Tot Ion:152 Resp: 141400

Ion Ratio Lower Upper

152 100

115 58.5 29.7 89.1

150 156.8 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

