

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120920\
 Data File : VN065027.D
 Acq On : 9 Dec 2020 17:50
 Operator : JC/MD
 Sample : PB133472ZHE#08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB133472ZHE#08

Quant Time: Dec 10 04:50:41 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	158296	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	311100	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	327258	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	136011	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	104533	56.80	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	113.60%
35) Dibromofluoromethane	7.55	113	97394	52.32	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	104.64%
50) Toluene-d8	10.06	98	387752	50.98	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	101.96%
62) 4-Bromofluorobenzene	12.38	95	143699	52.79	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	105.58%

Target Compounds

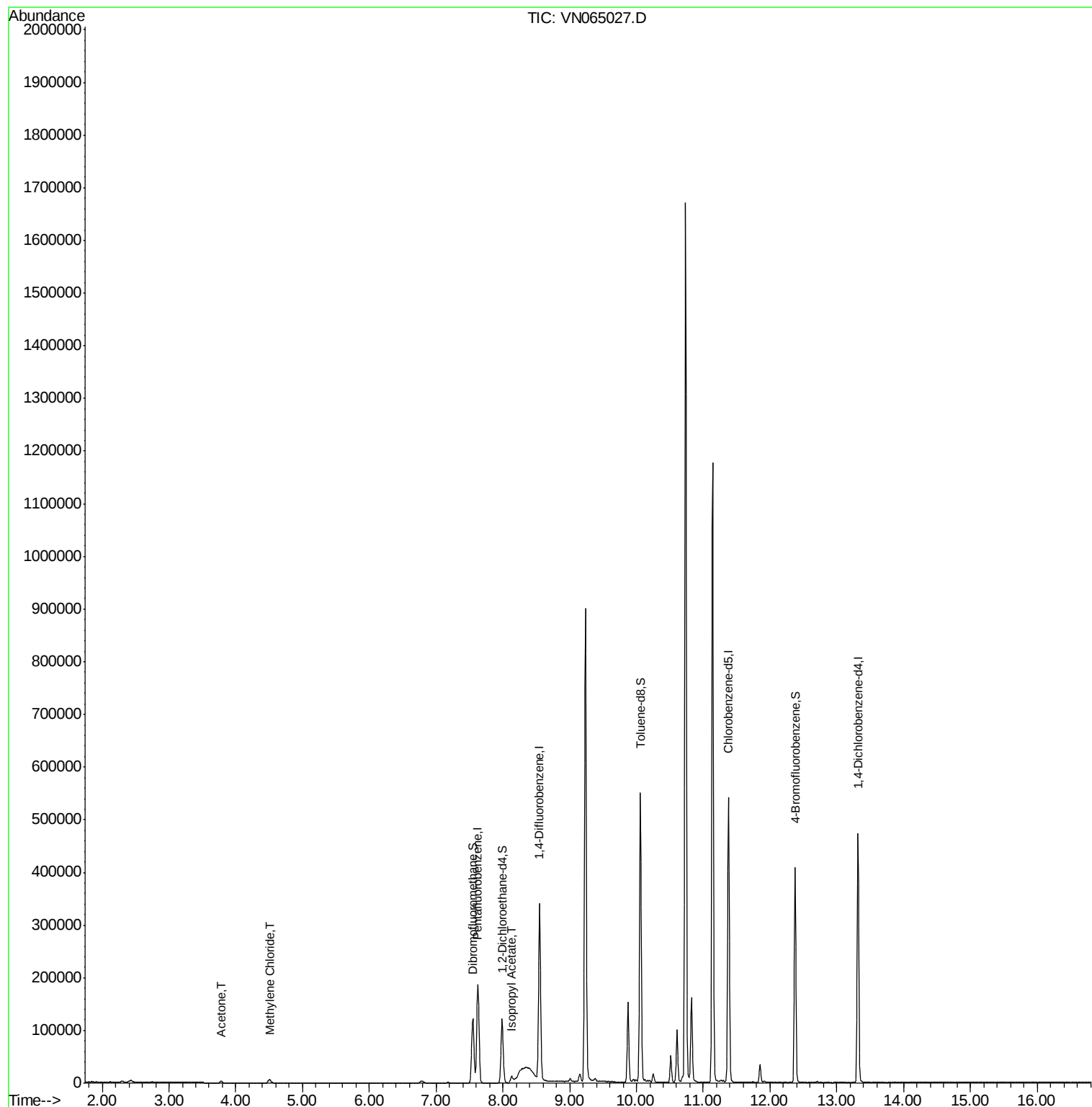
					Qvalue
16) Acetone	3.78	43	6115	10.108 ug/l	96
20) Methylene Chloride	4.50	84	5166	2.725 ug/l	93
43) Isopropyl Acetate	8.13	43	17703	3.961 ug/l #	91

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

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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: VN065027.D

Acq: 9 Dec 2020 17:50

Instrument :

MSVOA_N

ClientSampleId :

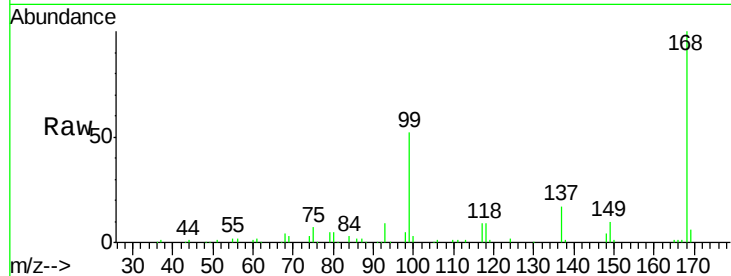
PB133472ZHE#08

Tot Ion:168 Resp: 158296

Ion Ratio Lower Upper

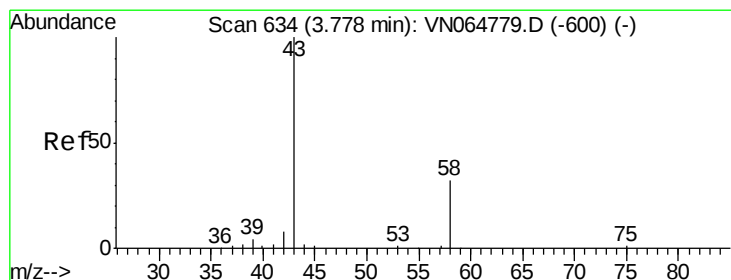
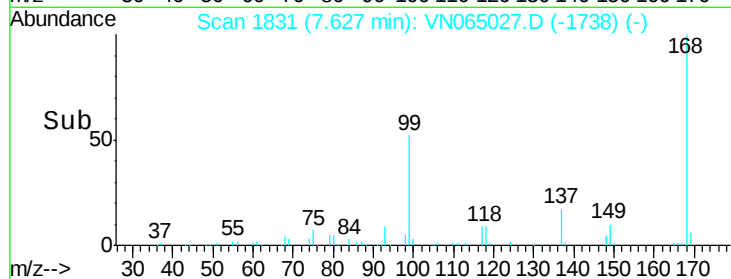
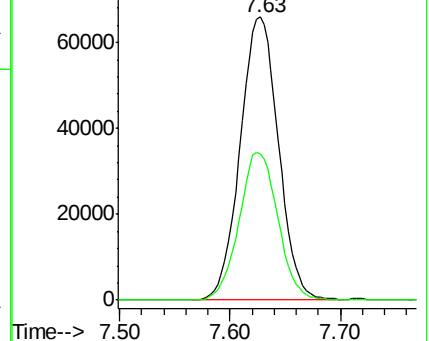
168 100

99 51.9 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 10.108 ug/l

RT: 3.78 min Scan# 635

Delta R.T. 0.00 min

Lab File: VN065027.D

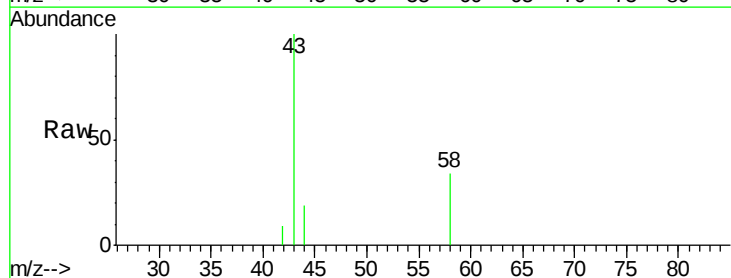
Acq: 9 Dec 2020 17:50

Tgt Ion: 43 Resp: 6115

Ion Ratio Lower Upper

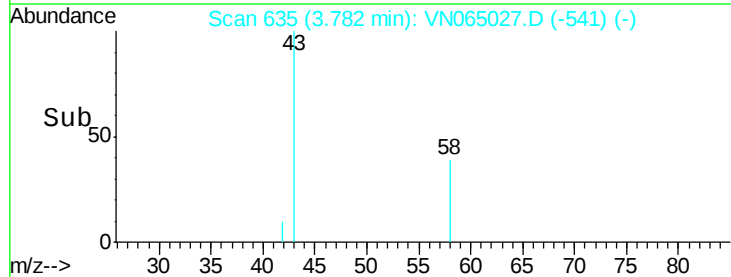
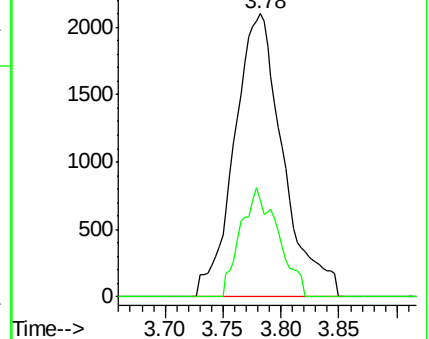
43 100

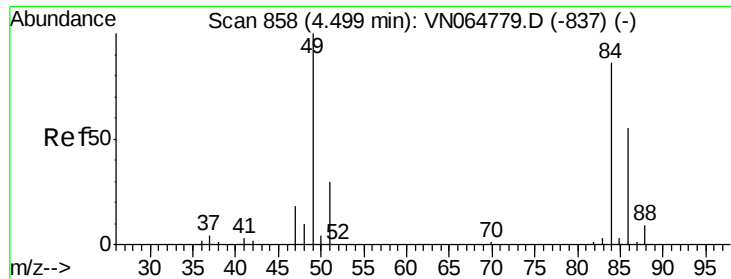
58 34.3 25.7 38.5



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

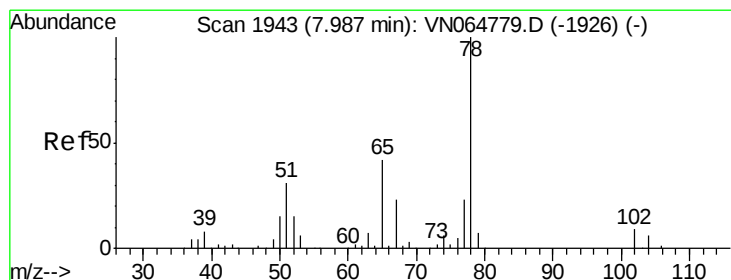
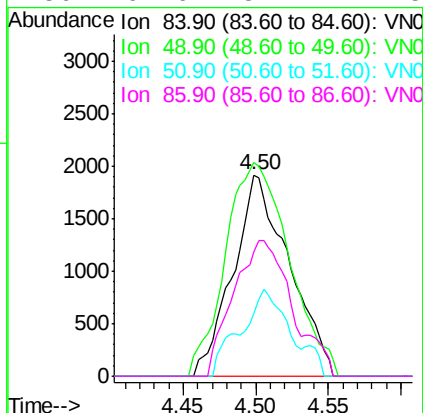
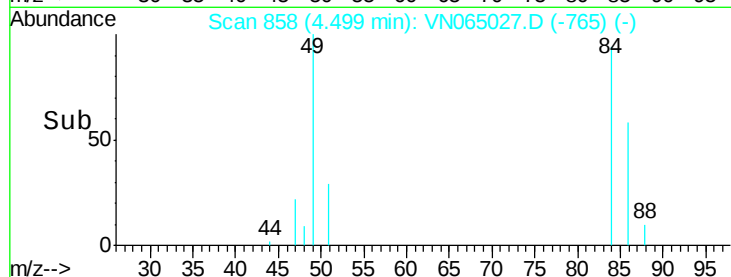
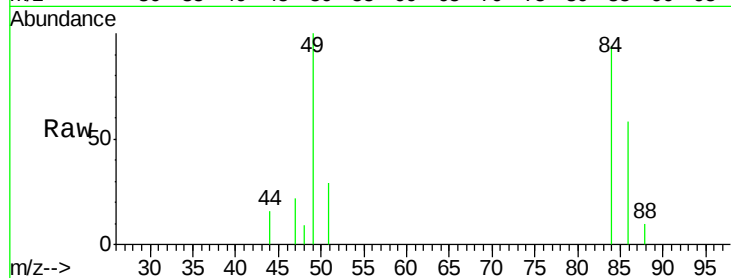




#20
Methvlene Chloride
Concen: 2.725 ug/l
RT: 4.50 min Scan# 858
Delta R.T. 0.00 min
Lab File: VN065027.D
Acq: 9 Dec 2020 17:50

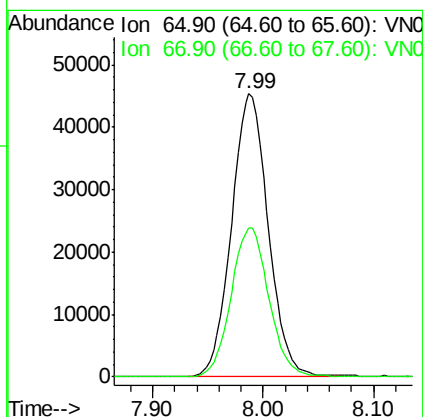
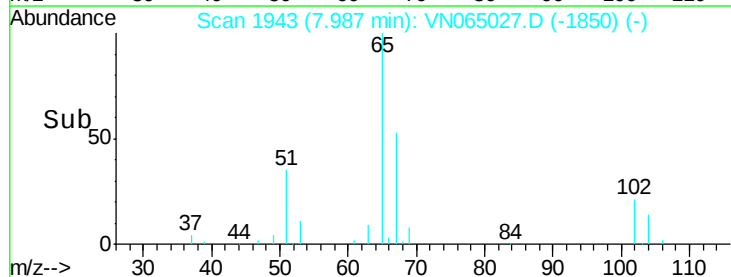
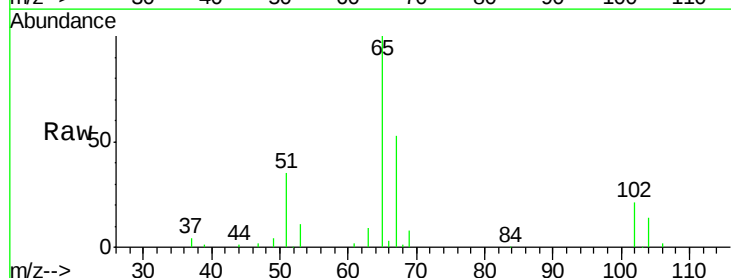
Instrument :
MSVOA_N
ClientSampleId :
PB133472ZHE#08

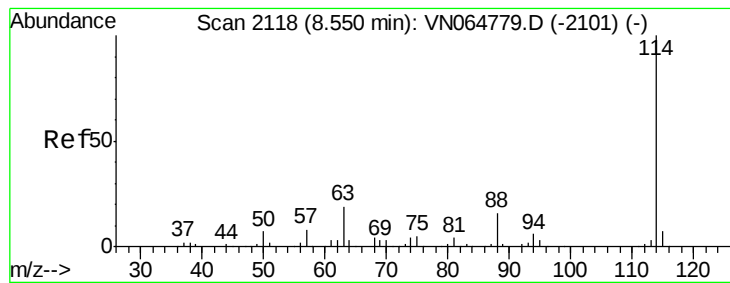
Tot Ion: 84 Resp: 5166
Ion Ratio Lower Upper
84 100
49 106.2 93.4 140.0
51 31.2 28.2 42.4
86 61.6 51.7 77.5



#33
1,2-Dichloroethane-d4
Concen: 56.802 ug/l
RT: 7.99 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN065027.D
Acq: 9 Dec 2020 17:50

Tgt Ion: 65 Resp: 104533
Ion Ratio Lower Upper
65 100
67 54.2 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: VN065027.D

Acq: 9 Dec 2020 17:50

Instrument :

MSVOA_N

ClientSampleId :

PB133472ZHE#08

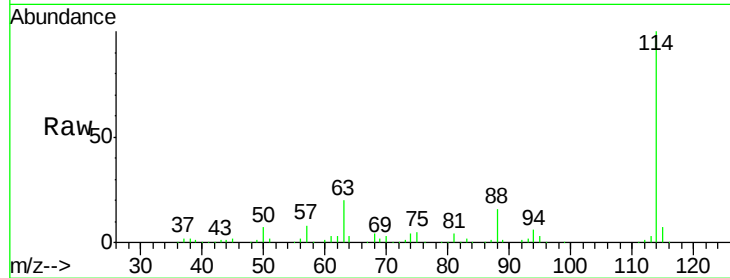
Tot Ion:114 Resp: 311100

Ion Ratio Lower Upper

114 100

63 20.0 0.0 38.6

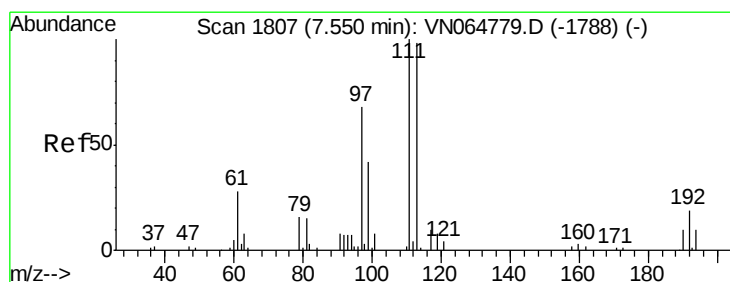
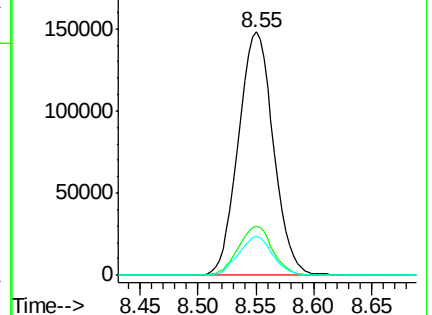
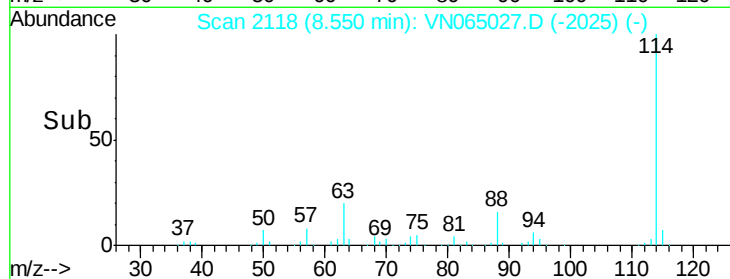
88 16.2 0.0 32.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 52.320 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN065027.D

Acq: 9 Dec 2020 17:50

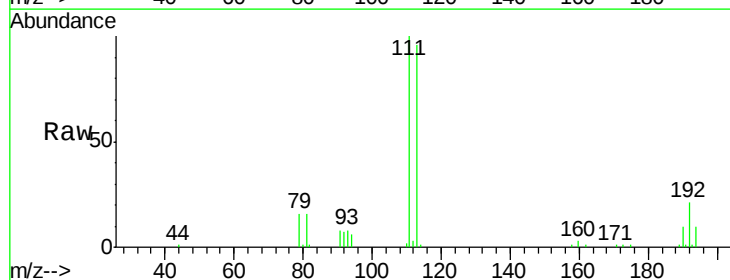
Tgt Ion:113 Resp: 97394

Ion Ratio Lower Upper

113 100

111 101.5 81.6 122.4

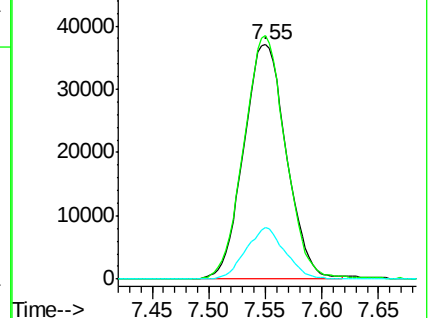
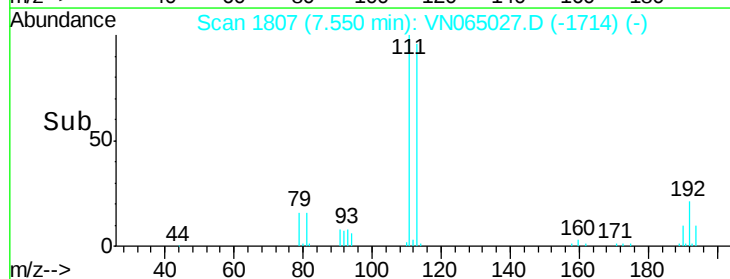
192 20.0 16.2 24.2

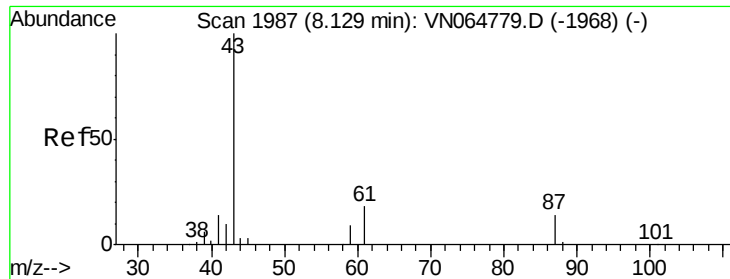


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 3.961 ug/l

RT: 8.13 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN065027.D

Acq: 9 Dec 2020 17:50

Instrument :

MSVOA_N

ClientSampleId :

PB133472ZHE#08

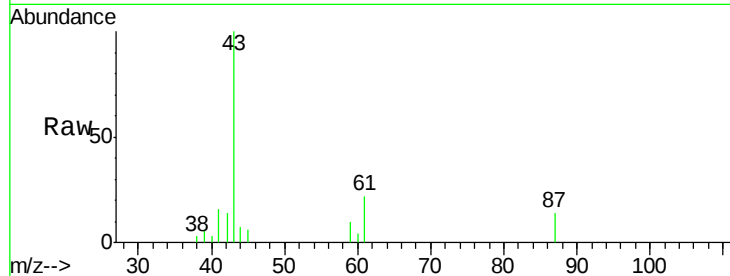
Tot Ion: 43 Resp: 17703

Ion Ratio Lower Upper

43 100

61 16.3 17.2 25.8#

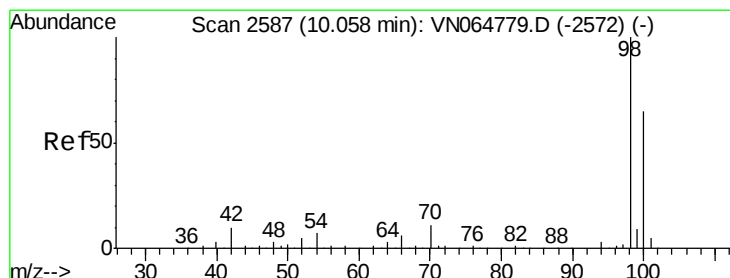
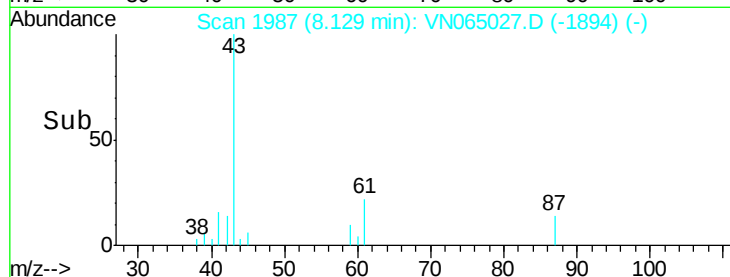
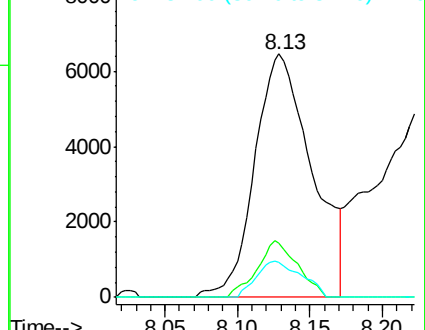
87 11.6 11.4 17.0



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: 50.980 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN065027.D

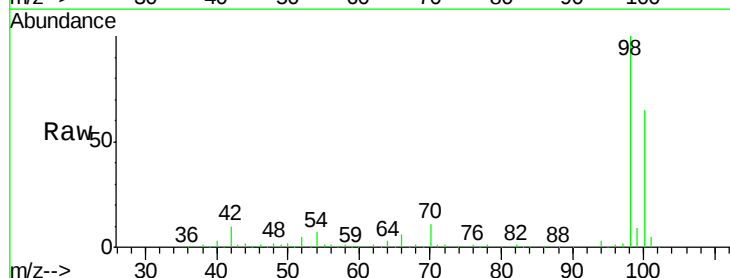
Acq: 9 Dec 2020 17:50

Tgt Ion: 98 Resp: 387752

Ion Ratio Lower Upper

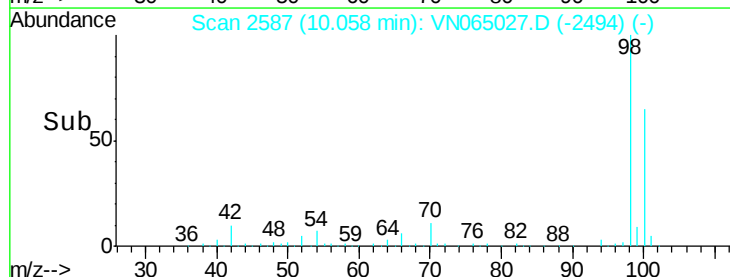
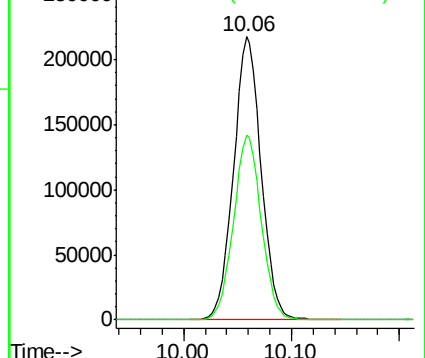
98 100

100 65.5 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) (-)

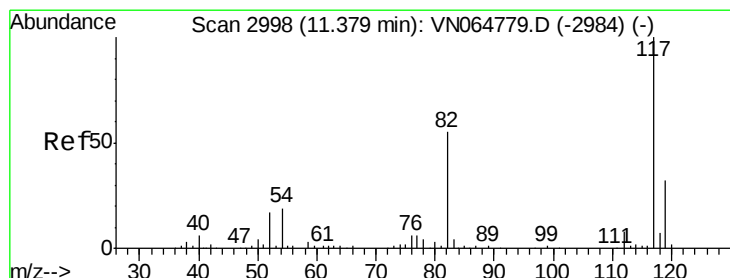
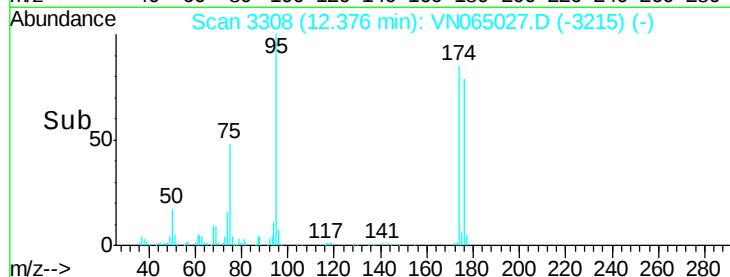
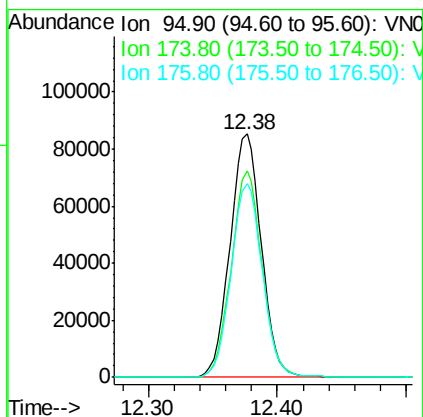
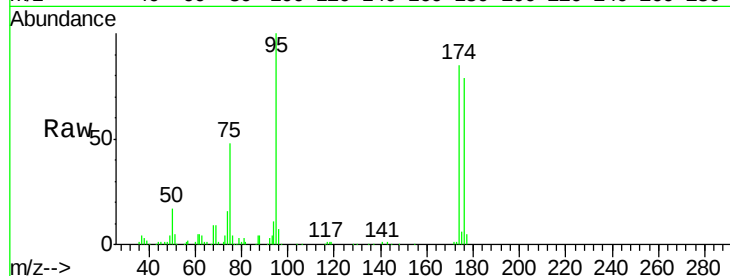




#62
4-Bromofluorobenzene
Concen: 52.791 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN065027.D
Acq: 9 Dec 2020 17:50

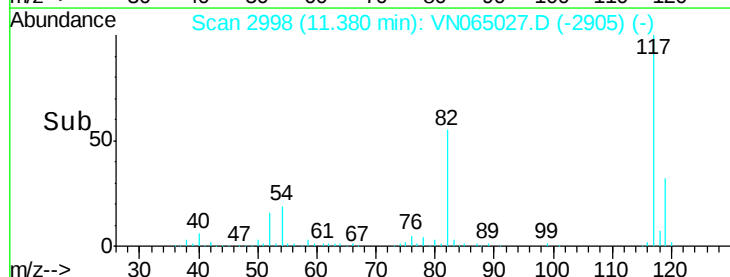
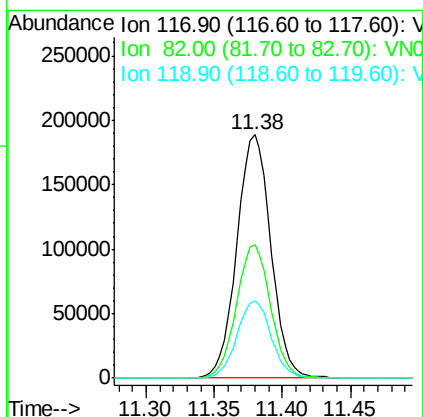
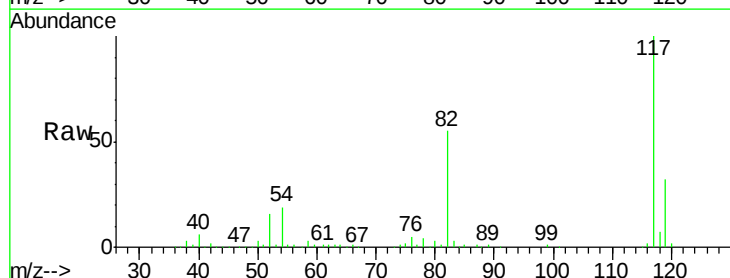
Instrument :
MSVOA_N
ClientSampleId :
PB133472ZHE#08

Tot Ion: 95 Resp: 143699
Ion Ratio Lower Upper
95 100
174 83.9 0.0 160.4
176 79.7 0.0 158.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN065027.D
Acq: 9 Dec 2020 17:50

Tgt Ion: 117 Resp: 327258
Ion Ratio Lower Upper
117 100
82 54.6 44.2 66.2
119 31.8 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN065027.D

Acq: 9 Dec 2020 17:50

Instrument :

MSVOA_N

ClientSampleId :

PB133472ZHE#08

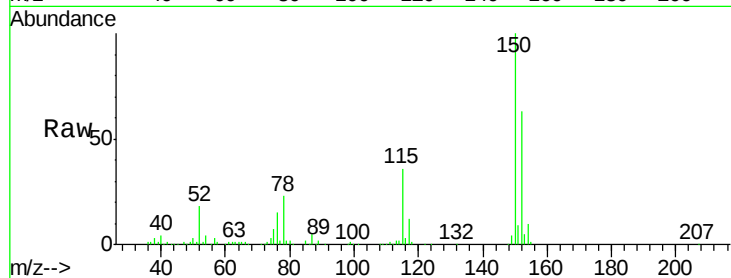
Tot Ion:152 Resp: 136011

Ion Ratio Lower Upper

152 100

115 58.4 29.7 89.1

150 160.6 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

