

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121020\
 Data File : VN065055.D
 Acq On : 10 Dec 2020 20:32
 Operator : JC/MD
 Sample : PB133501ZHE#03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB133501ZHE#03

Quant Time: Dec 11 04:20:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 10 16:04:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	163344	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	303537	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	336179	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	136995	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	107432	55.24	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	110.48%
35) Dibromofluoromethane	7.55	113	99690	49.64	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.28%
50) Toluene-d8	10.06	98	400119	51.94	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	103.88%
62) 4-Bromofluorobenzene	12.38	95	150327	56.93	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	113.86%

Target Compounds

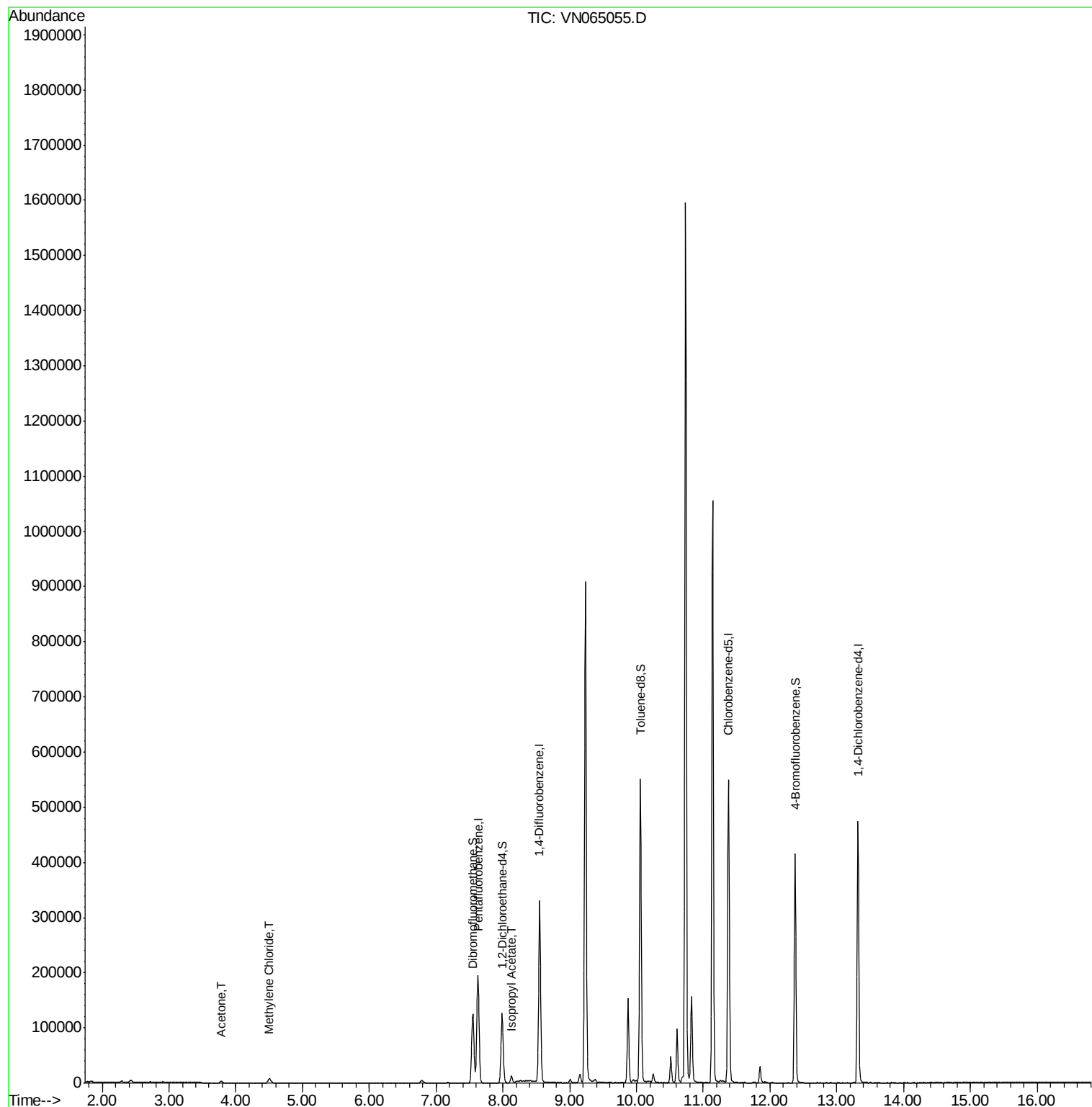
					Qvalue	
16) Acetone	3.78	43	6190	8.974	ug/l	93
20) Methylene Chloride	4.50	84	6500	3.699	ug/l #	96
43) Isopropyl Acetate	8.13	43	14524	3.712	ug/l	99

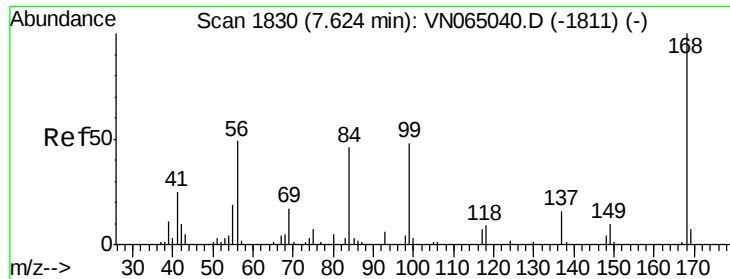
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN121020\
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Quant Time: Dec 11 04:20:06 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N121020W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 10 16:04:22 2020
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: VN065055.D

Acq: 10 Dec 2020 20:32

Instrument :

MSVOA_N

ClientSampleId :

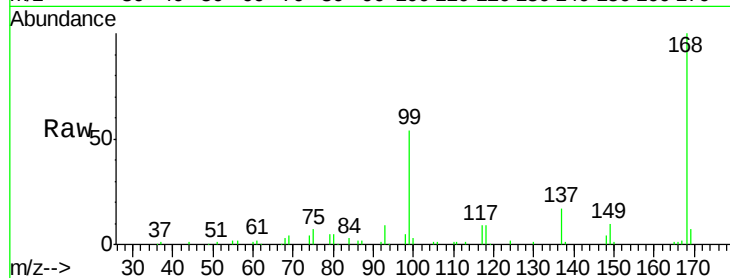
PB133501ZHE#03

Tot Ion:168 Resp: 163344

Ion Ratio Lower Upper

168 100

99 54.2 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): VN065040.D (-1811) (-)

Ion 98.90 (98.60 to 99.60): VN065040.D (-1811) (-)

7.63

80000

60000

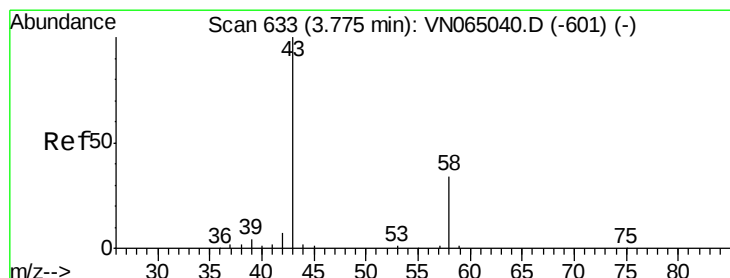
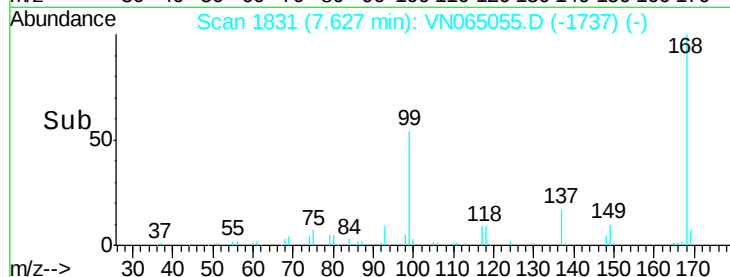
40000

20000

0

7.55 7.60 7.65 7.70

Time-->



#16

Acetone

Concen: 8.974 ug/l

RT: 3.78 min Scan# 633

Delta R.T. 0.00 min

Lab File: VN065055.D

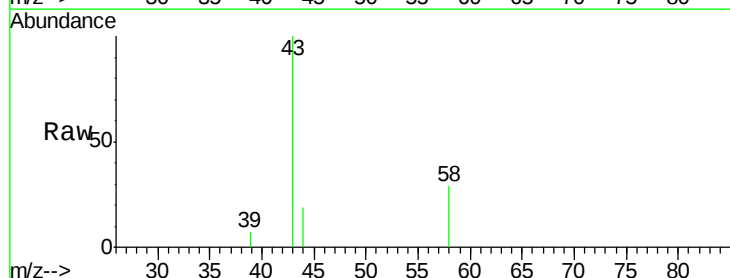
Acq: 10 Dec 2020 20:32

Tgt Ion: 43 Resp: 6190

Ion Ratio Lower Upper

43 100

58 29.4 26.8 40.2



Abundance Ion 43.00 (42.70 to 43.70): VN065040.D (-601) (-)

Ion 58.00 (57.70 to 58.70): VN065040.D (-601) (-)

3.78

2500

2000

1500

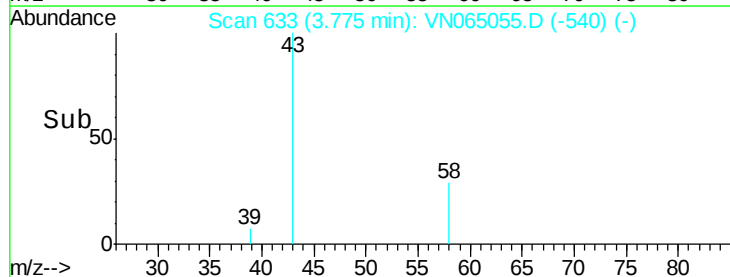
1000

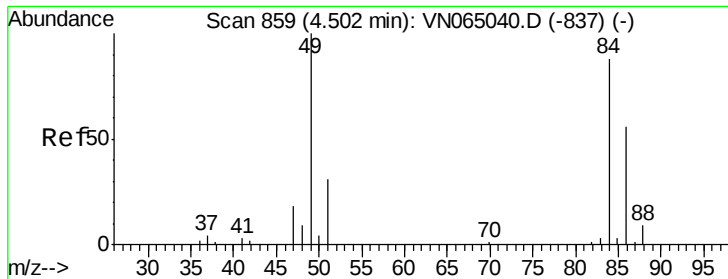
500

0

3.70 3.75 3.80 3.85

Time-->

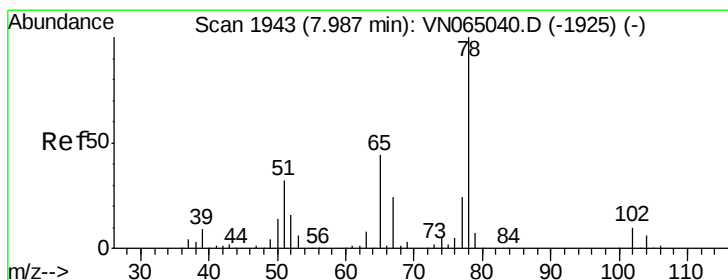
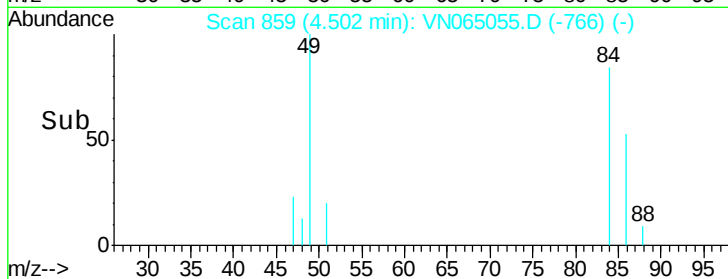
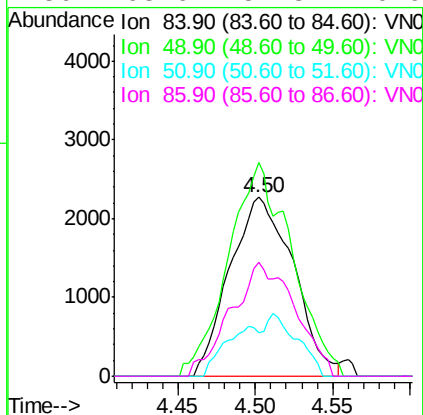
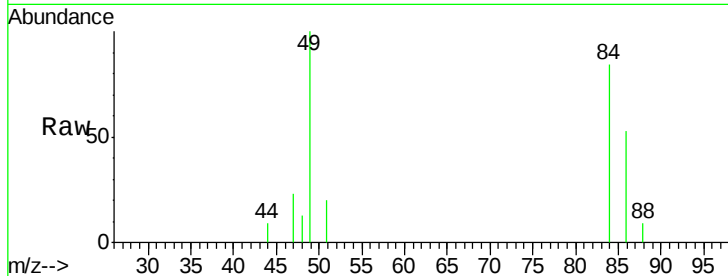




#20
Methvlene Chloride
Concen: 3.699 ug/l
RT: 4.50 min Scan# 859
Delta R.T. 0.00 min
Lab File: VN065055.D
Acq: 10 Dec 2020 20:32

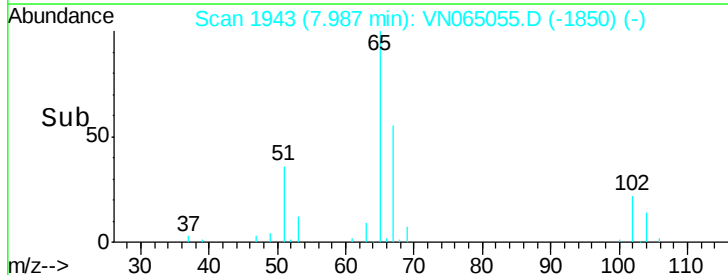
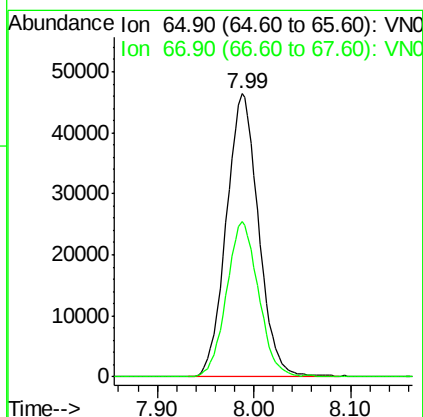
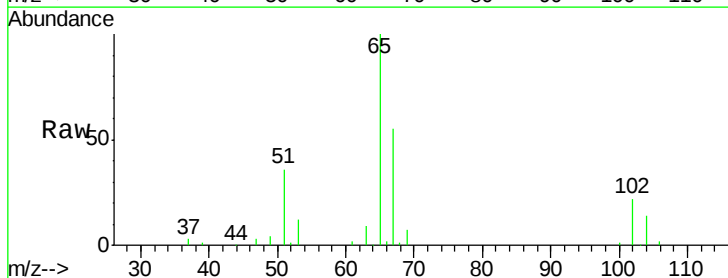
Instrument :
MSVOA_N
ClientSampleId :
PB133501ZHE#03

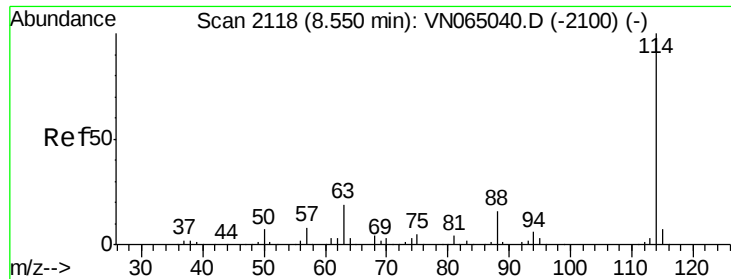
Tot Ion: 84 Resp: 6500
Ion Ratio Lower Upper
84 100
49 112.0 90.8 136.2
51 24.2 28.1 42.1#
86 63.6 51.3 76.9



#33
1,2-Dichloroethane-d4
Concen: 55.242 ug/l
RT: 7.99 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN065055.D
Acq: 10 Dec 2020 20:32

Tgt Ion: 65 Resp: 107432
Ion Ratio Lower Upper
65 100
67 54.2 0.0 108.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN065055.D

Acq: 10 Dec 2020 20:32

Instrument :

MSVOA_N

ClientSampleId :

PB133501ZHE#03

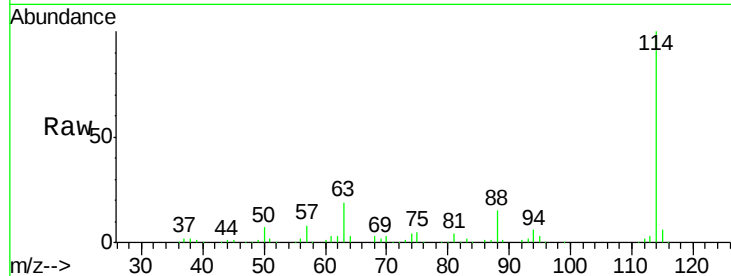
Tot Ion:114 Resp: 303537

Ion Ratio Lower Upper

114 100

63 18.6 0.0 38.2

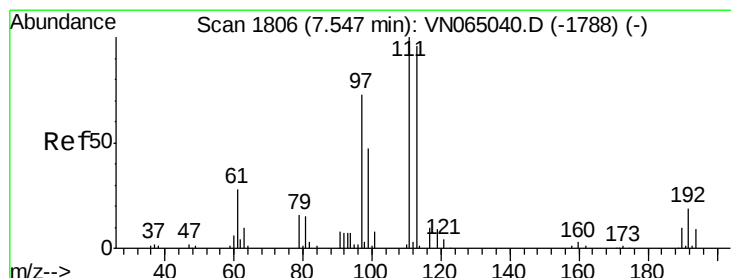
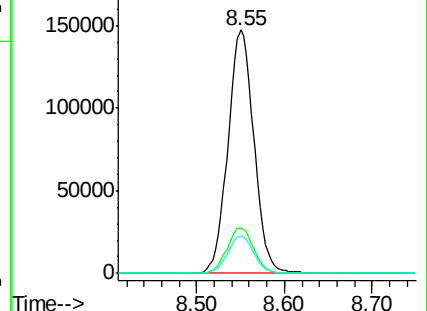
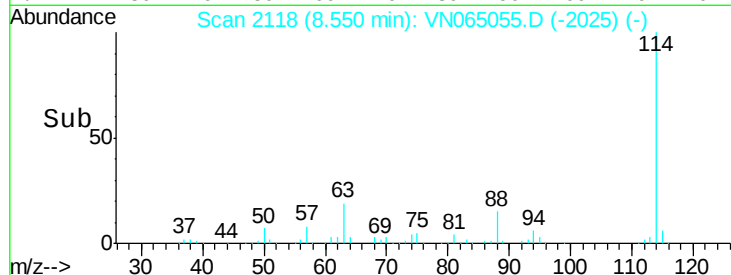
88 15.2 0.0 31.6



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: 49.644 ug/l

RT: 7.55 min Scan# 1806

Delta R.T. 0.00 min

Lab File: VN065055.D

Acq: 10 Dec 2020 20:32

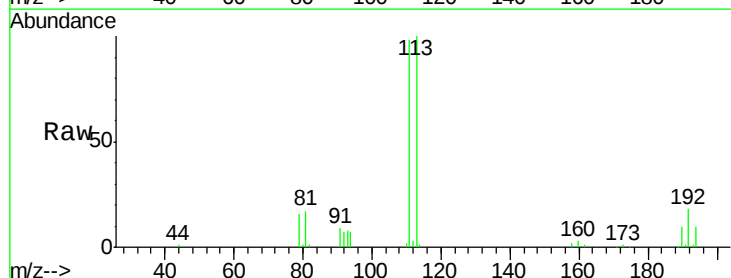
Tgt Ion:113 Resp: 99690

Ion Ratio Lower Upper

113 100

111 101.7 83.4 125.0

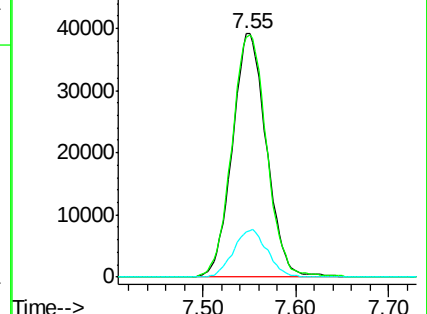
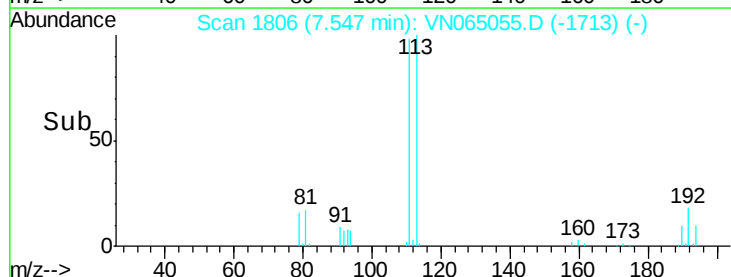
192 19.3 16.2 24.2

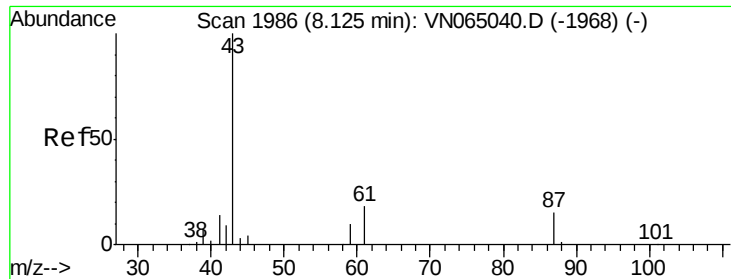


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 3.712 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VN065055.D

Acq: 10 Dec 2020 20:32

Instrument :

MSVOA_N

ClientSampleId :

PB133501ZHE#03

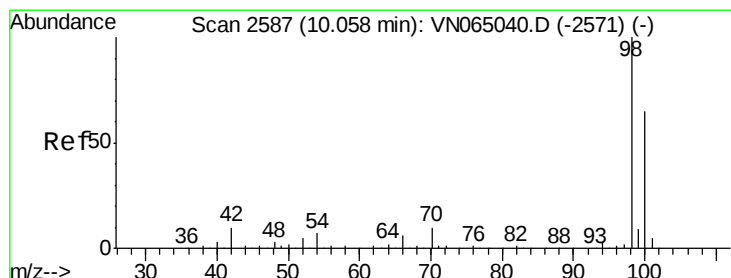
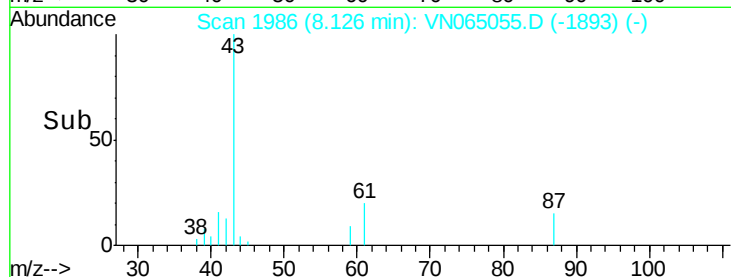
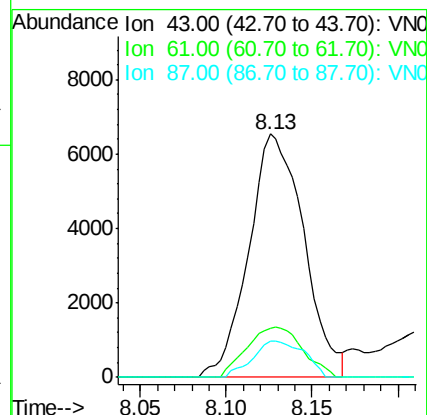
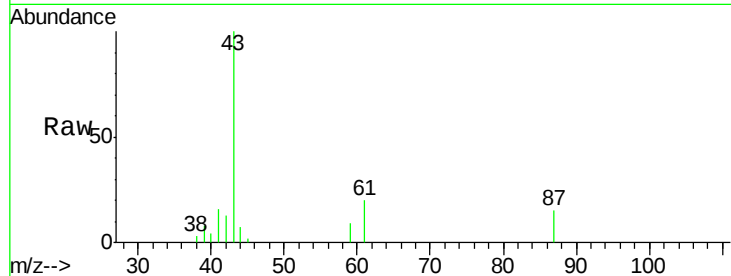
Tot Ion: 43 Resp: 14524

Ion Ratio Lower Upper

43 100

61 20.8 16.9 25.3

87 13.7 11.4 17.2



#50

Toluene-d8

Concen: 51.936 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN065055.D

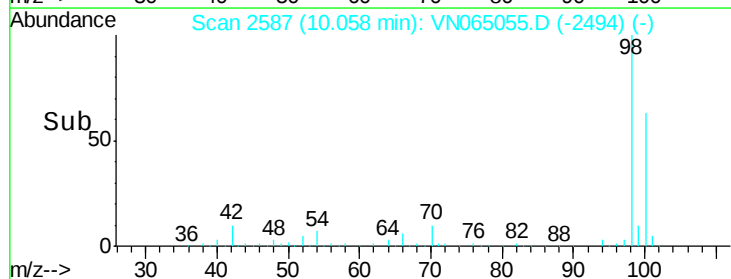
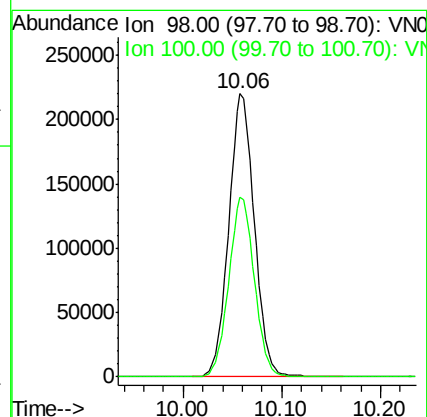
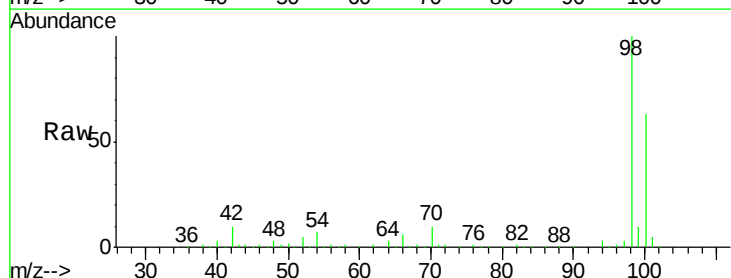
Acq: 10 Dec 2020 20:32

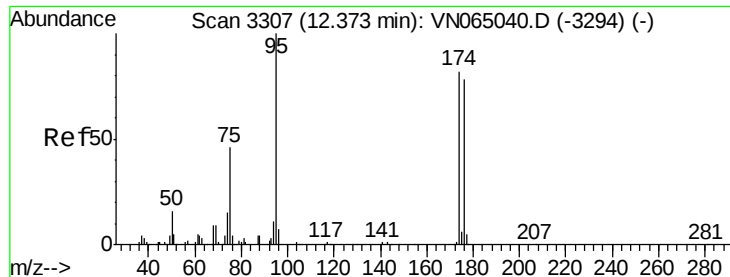
Tgt Ion: 98 Resp: 400119

Ion Ratio Lower Upper

98 100

100 63.6 51.6 77.4

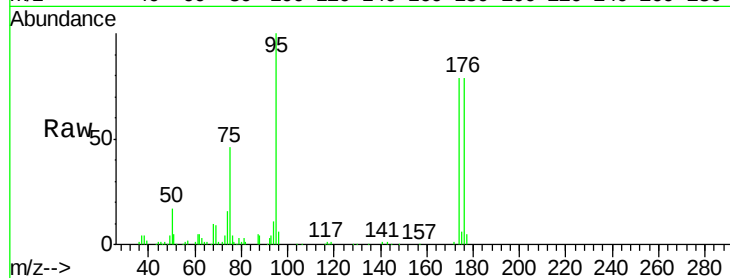




#62
4-Bromofluorobenzene
Concen: 56.930 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN065055.D
Acq: 10 Dec 2020 20:32

Instrument :
MSVOA_N
ClientSampleId :
PB133501ZHE#03

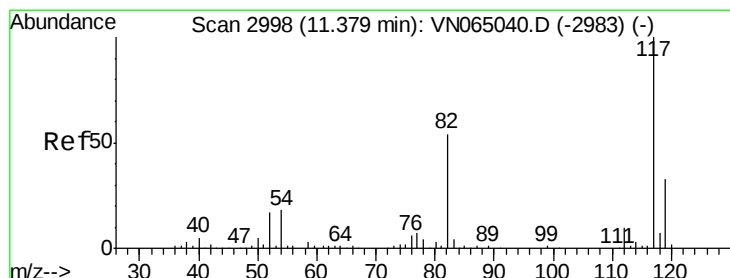
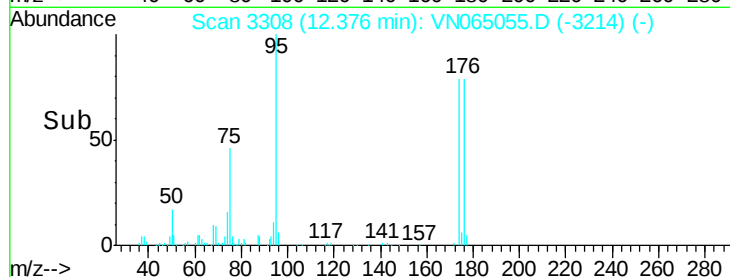
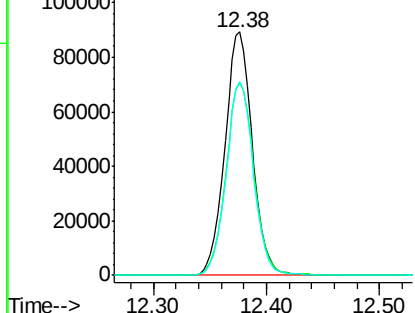
Tot Ion	Ratio	Lower	Upper
95	100		
174	81.2	0.0	164.8
176	78.6	0.0	158.8



Abundance Ion 94.90 (94.60 to 95.60): VN065040.D (-3294) (-)

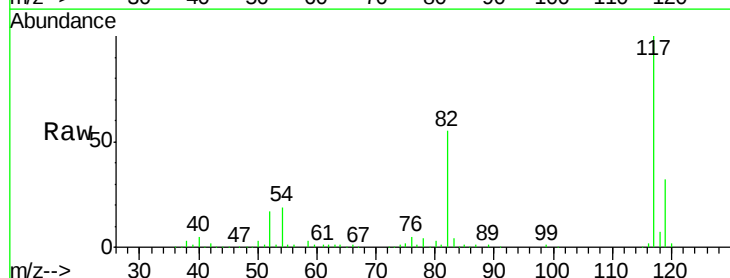
Ion 173.80 (173.50 to 174.50): VN065040.D (-3294) (-)

Ion 175.80 (175.50 to 176.50): VN065040.D (-3294) (-)



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN065055.D
Acq: 10 Dec 2020 20:32

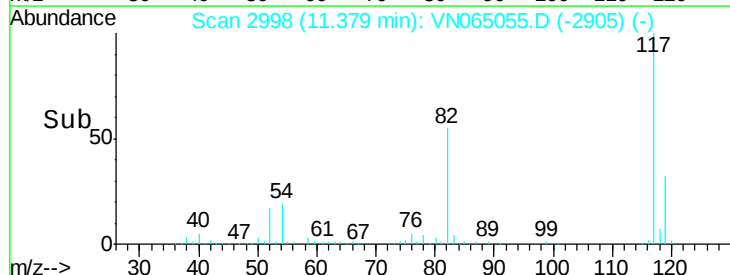
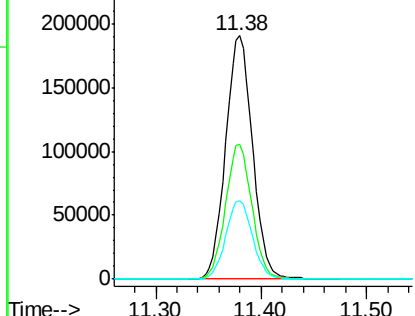
Tgt Ion	Ratio	Lower	Upper
117	100		
82	55.4	43.5	65.3
119	32.5	26.4	39.6

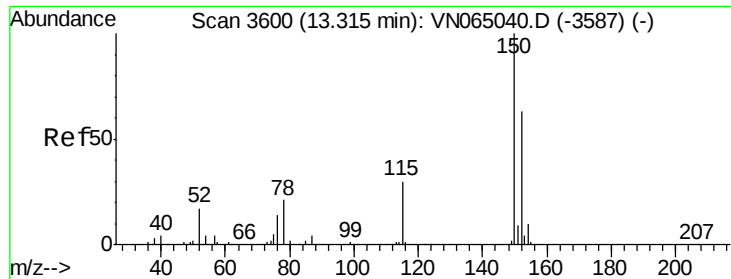


Abundance Ion 116.90 (116.60 to 117.60): VN065040.D (-2983) (-)

Ion 82.00 (81.70 to 82.70): VN065040.D (-2983) (-)

Ion 118.90 (118.60 to 119.60): VN065040.D (-2983) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN065055.D

Acq: 10 Dec 2020 20:32

Instrument :

MSVOA_N

ClientSampleId :

PB133501ZHE#03

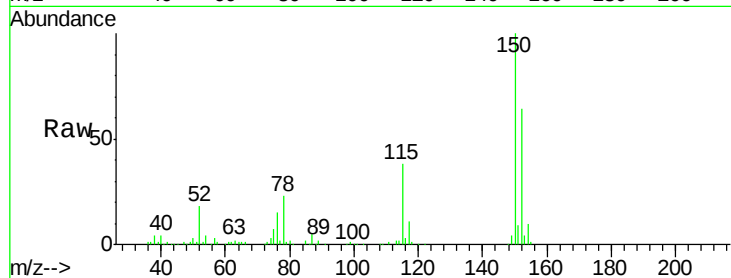
Tot Ion:152 Resp: 136995

Ion Ratio Lower Upper

152 100

115 59.1 29.3 88.0

150 158.7 0.0 345.8



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

