

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120920\
 Data File : VN065023.D
 Acq On : 9 Dec 2020 16:14
 Operator : JC/MD
 Sample : PB133472ZHE#04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB133472ZHE#04

Quant Time: Dec 10 04:43:41 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	167466	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	319913	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	335763	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	139035	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	107374	55.15	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	110.30%		
35) Dibromofluoromethane	7.55	113	100257	52.37	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	104.74%		
50) Toluene-d8	10.06	98	405701	51.87	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	103.74%		
62) 4-Bromofluorobenzene	12.38	95	146718	52.41	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	104.82%		

Target Compounds

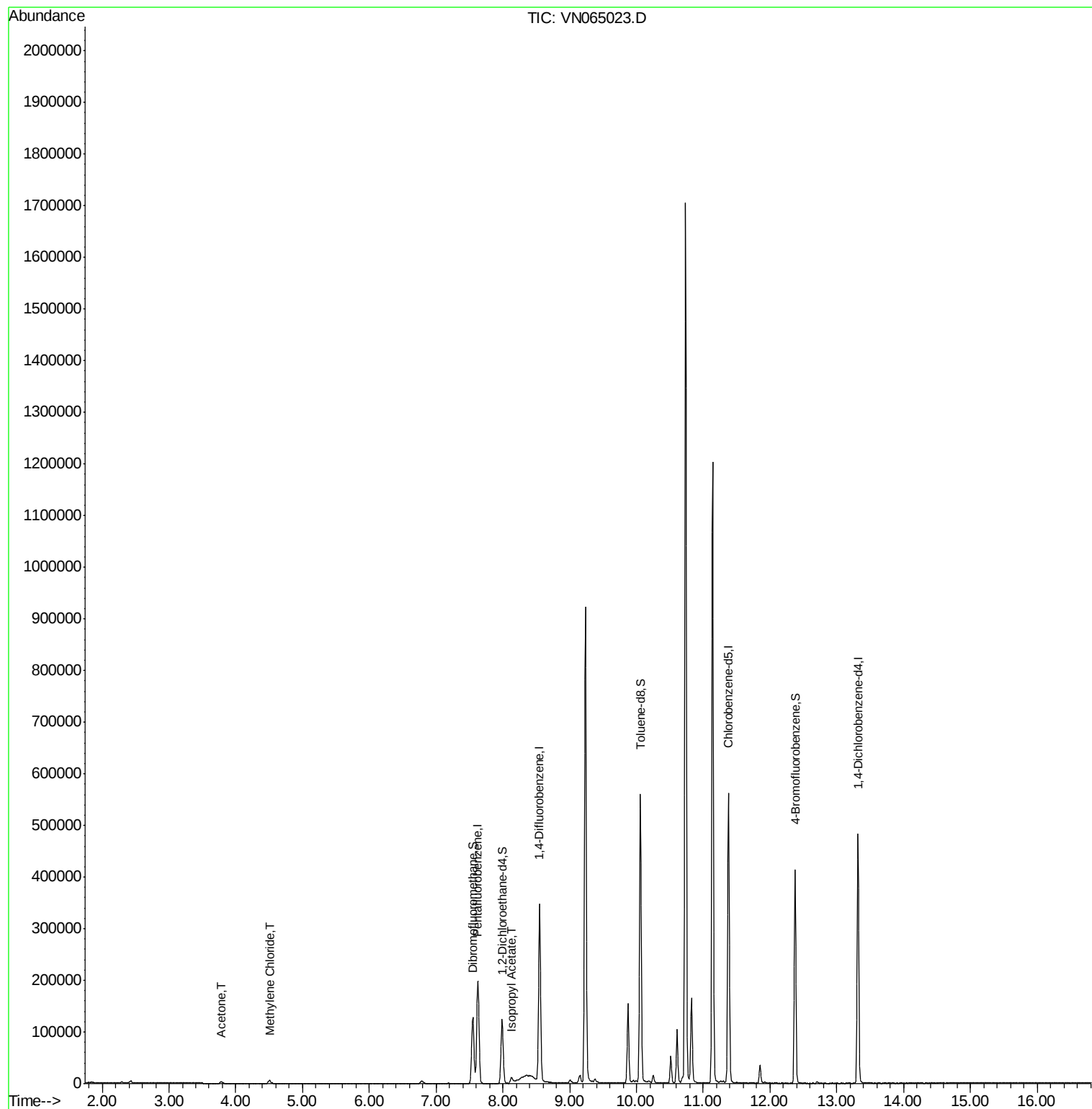
					Qvalue	
16) Acetone	3.79	43	5598	8.747	ug/l	93
20) Methylene Chloride	4.50	84	5100	2.543	ug/l #	85
43) Isopropyl Acetate	8.13	43	16451	3.579	ug/l #	91

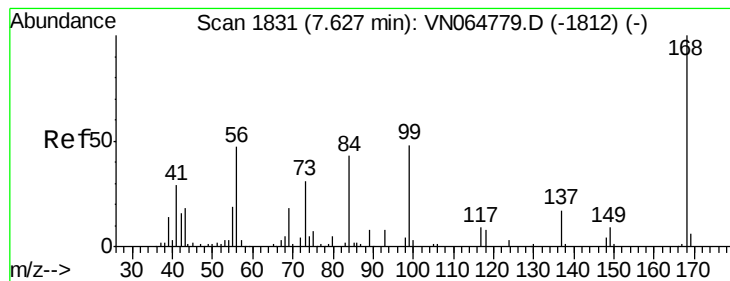
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN120920\
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Quant Title : SW846 8260
QLast Update : Mon Nov 23 13:54:12 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: VN065023.D

Acq: 9 Dec 2020 16:14

Instrument :

MSVOA_N

ClientSampleId :

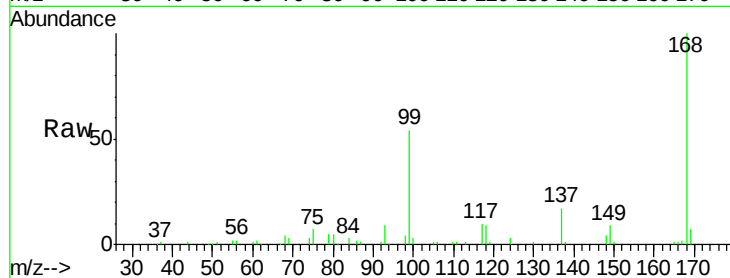
PB133472ZHE#04

Tot Ion:168 Resp: 167466

Ion Ratio Lower Upper

168 100

99 53.8 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

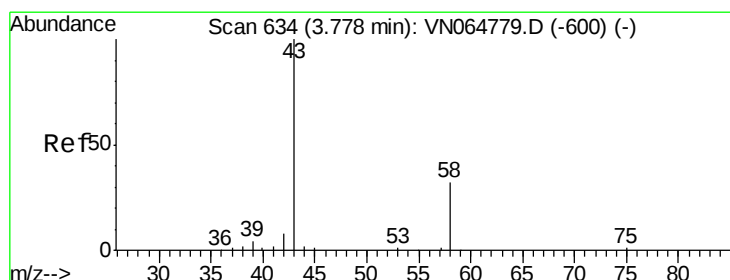
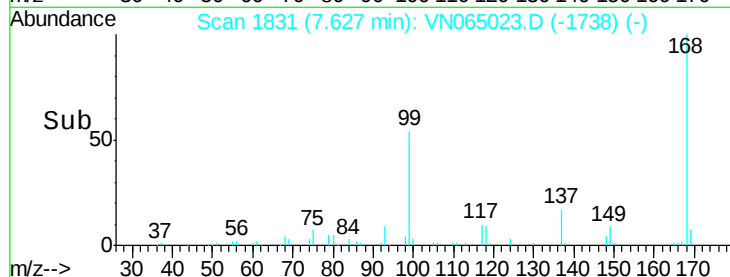
40000

20000

0

7.55 7.60 7.65 7.70

Time-->



#16

Acetone

Concen: 8.747 ug/l

RT: 3.79 min Scan# 636

Delta R.T. 0.01 min

Lab File: VN065023.D

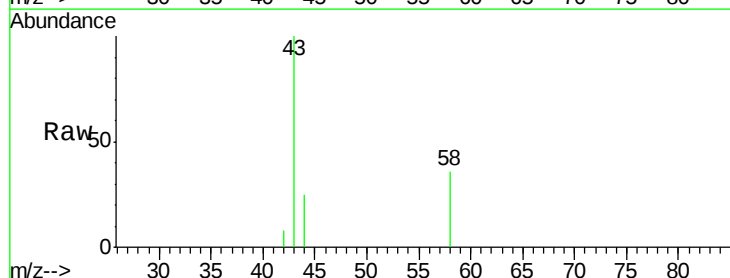
Acq: 9 Dec 2020 16:14

Tgt Ion: 43 Resp: 5598

Ion Ratio Lower Upper

43 100

58 36.0 25.7 38.5



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.79

2000

1500

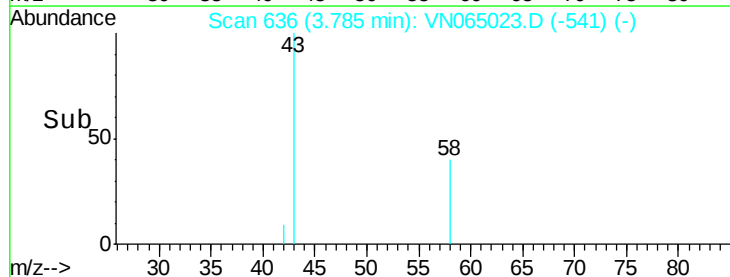
1000

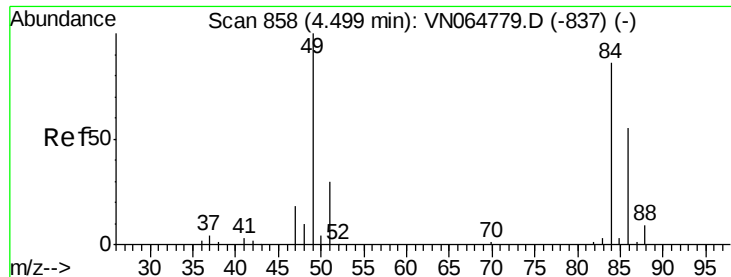
500

0

3.70 3.75 3.80 3.85

Time-->

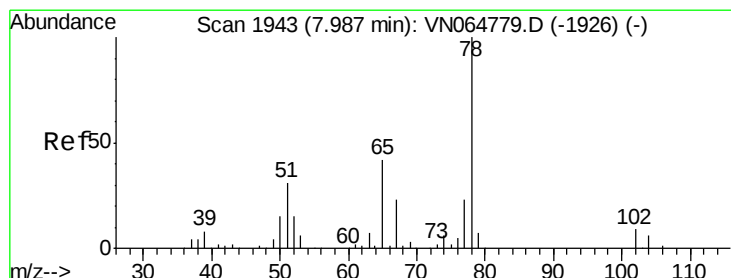
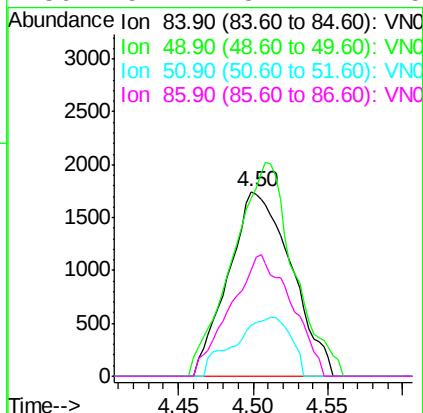
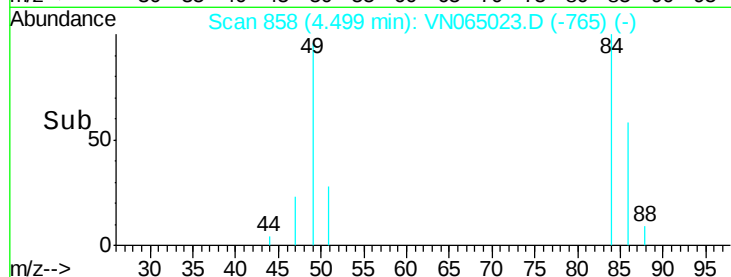
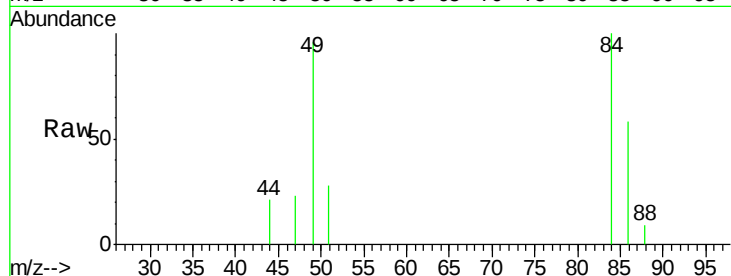




#20
Methvlene Chloride
Concen: 2.543 ug/l
RT: 4.50 min Scan# 858
Delta R.T. 0.00 min
Lab File: VN065023.D
Acq: 9 Dec 2020 16:14

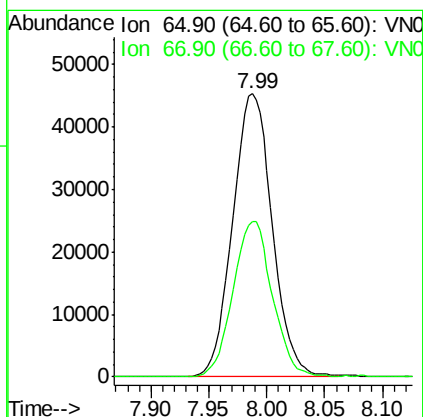
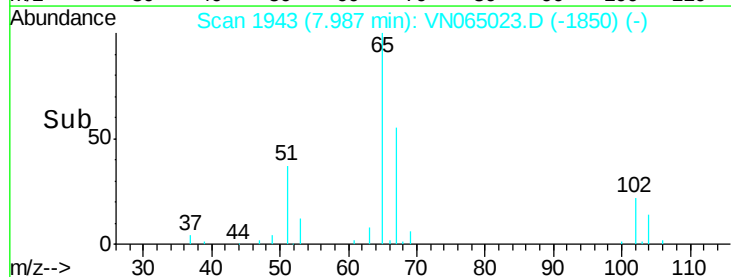
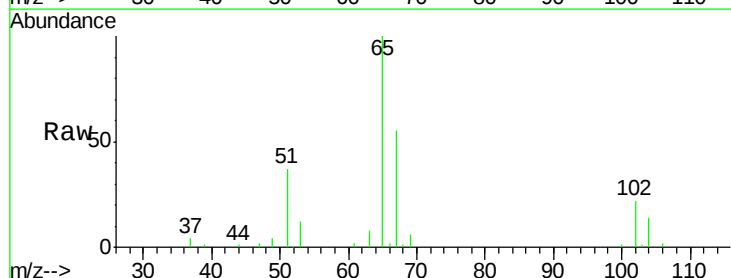
Instrument :
MSVOA_N
ClientSampleId :
PB133472ZHE#04

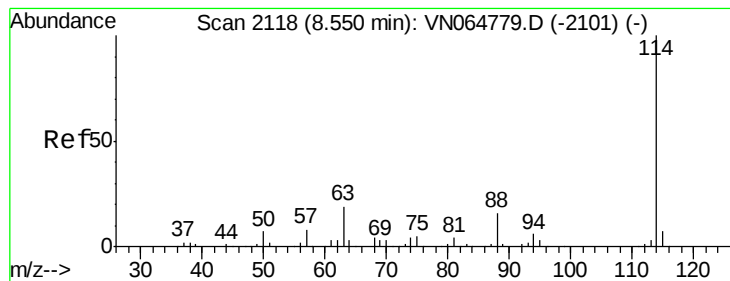
Tot Ion: 84 Resp: 5100
Ion Ratio Lower Upper
84 100
49 96.0 93.4 140.0
51 27.9 28.2 42.4#
86 57.7 51.7 77.5



#33
1,2-Dichloroethane-d4
Concen: 55.151 ug/l
RT: 7.99 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN065023.D
Acq: 9 Dec 2020 16:14

Tgt Ion: 65 Resp: 107374
Ion Ratio Lower Upper
65 100
67 54.5 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: VN065023.D

Acq: 9 Dec 2020 16:14

Instrument :

MSVOA_N

ClientSampleId :

PB133472ZHE#04

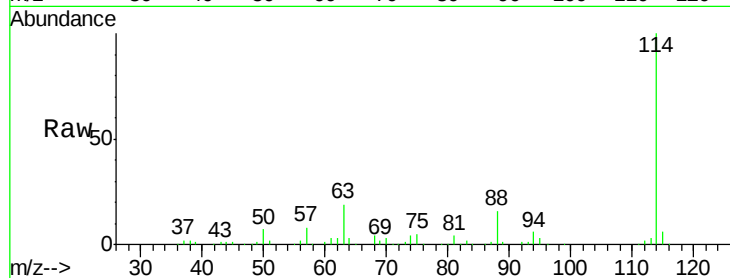
Tot Ion:114 Resp: 319913

Ion Ratio Lower Upper

114 100

63 19.5 0.0 38.6

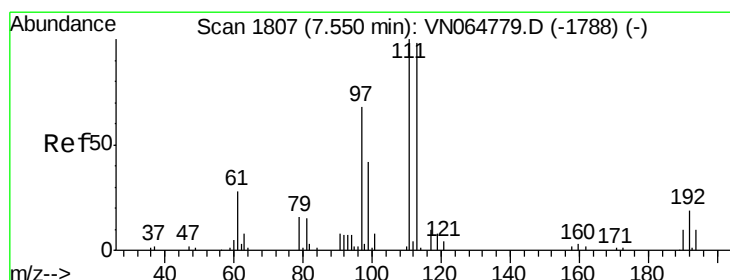
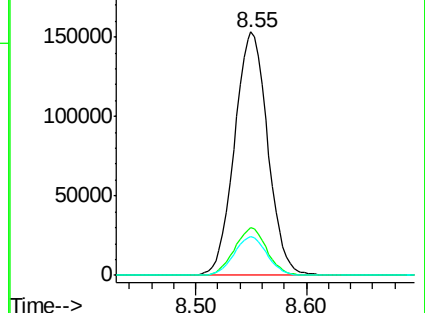
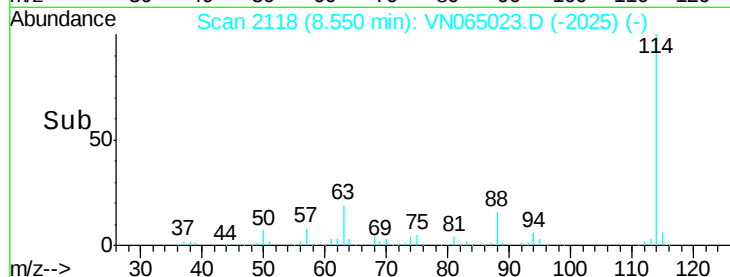
88 15.9 0.0 32.6



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: 52.374 ug/l

RT: 7.55 min Scan# 1806

Delta R.T. -0.00 min

Lab File: VN065023.D

Acq: 9 Dec 2020 16:14

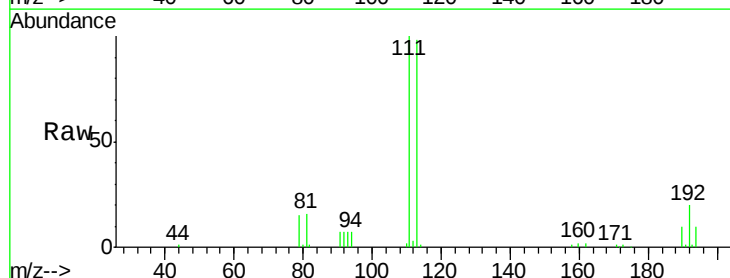
Tgt Ion:113 Resp: 100257

Ion Ratio Lower Upper

113 100

111 101.8 81.6 122.4

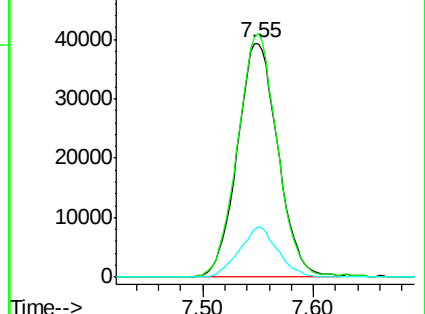
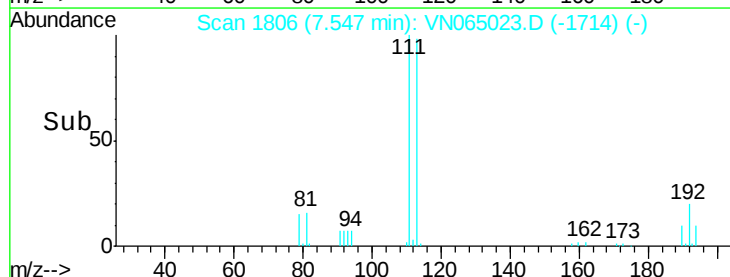
192 20.2 16.2 24.2

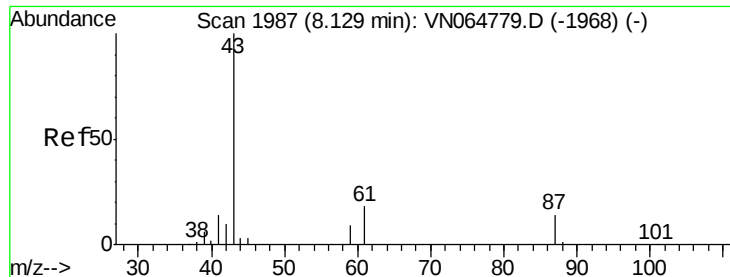


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 3.579 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN065023.D

Acq: 9 Dec 2020 16:14

Instrument :

MSVOA_N

ClientSampleId :

PB133472ZHE#04

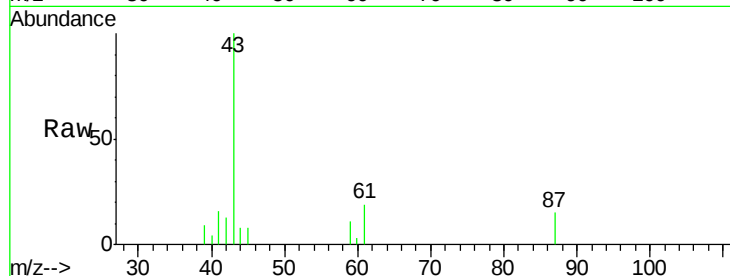
Tot Ion: 43 Resp: 16451

Ion Ratio Lower Upper

43 100

61 16.7 17.2 25.8#

87 11.3 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) (-)

8.13

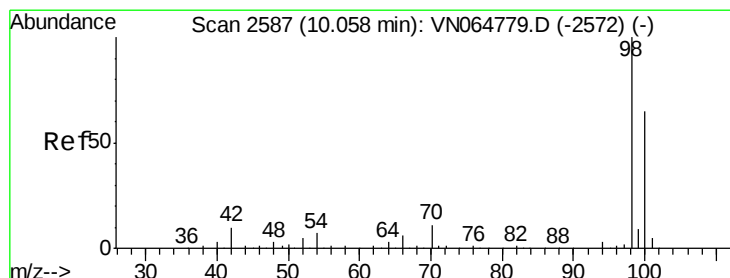
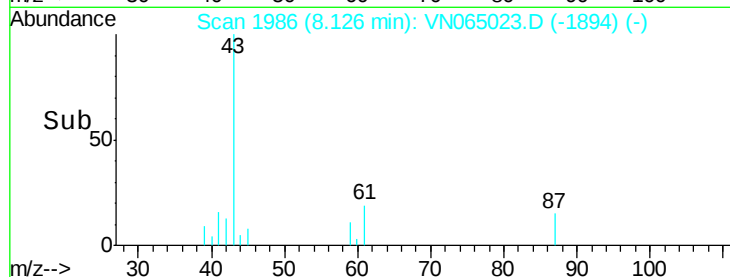
6000

4000

2000

0

Time-->



#50

Toluene-d8

Concen: 51.870 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN065023.D

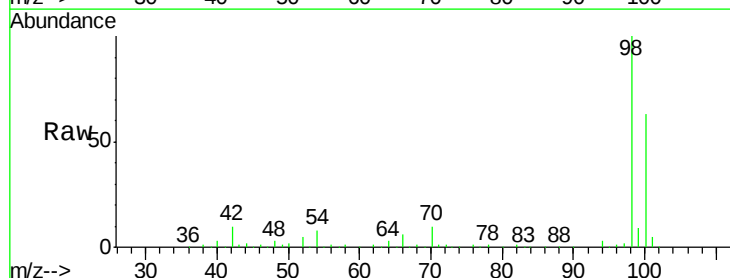
Acq: 9 Dec 2020 16:14

Tgt Ion: 98 Resp: 405701

Ion Ratio Lower Upper

98 100

100 63.6 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

250000

200000

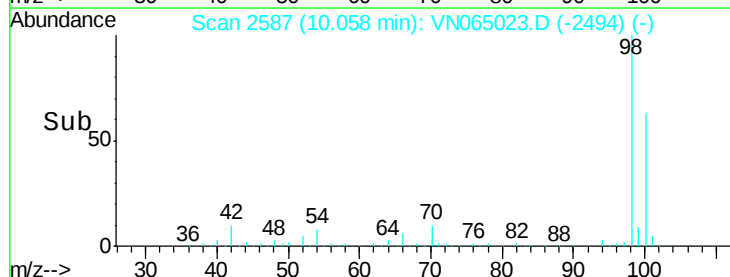
150000

100000

50000

0

Time-->





#62

4-Bromofluorobenzene

Concen: 52.415 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN065023.D

Acq: 9 Dec 2020 16:14

Instrument :

MSVOA_N

ClientSampleId :

PB133472ZHE#04

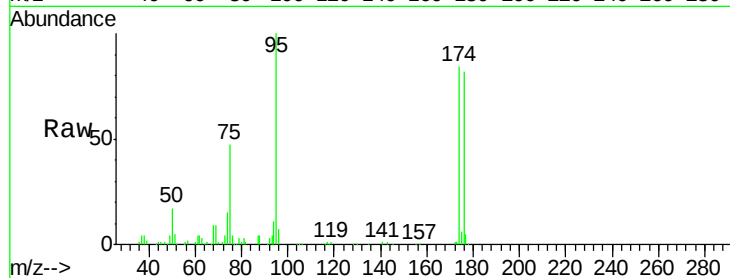
Tot Ion: 95 Resp: 146718

Ion Ratio Lower Upper

95 100

174 84.2 0.0 160.4

176 81.2 0.0 158.4

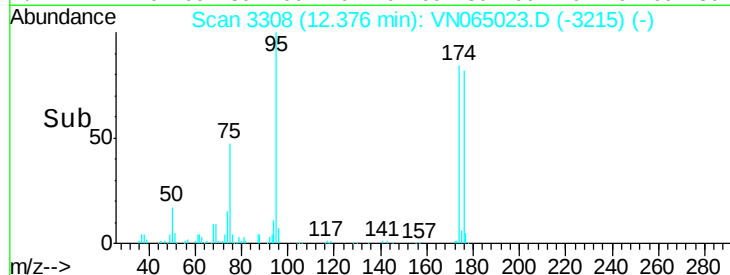


Abundance Ion 94.90 (94.60 to 95.60): VN064779.D (-3294) (-)

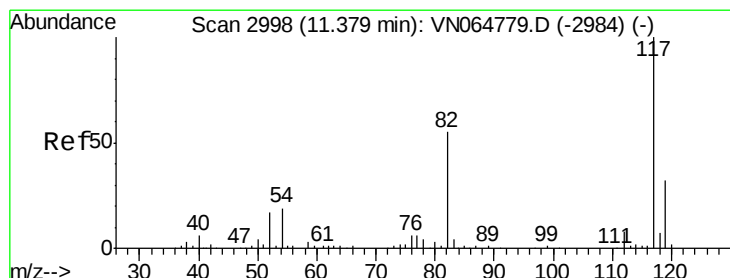
Ion 173.80 (173.50 to 174.50): VN064779.D (-3294) (-)

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

Time-->



Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. 0.00 min

Lab File: VN065023.D

Acq: 9 Dec 2020 16:14

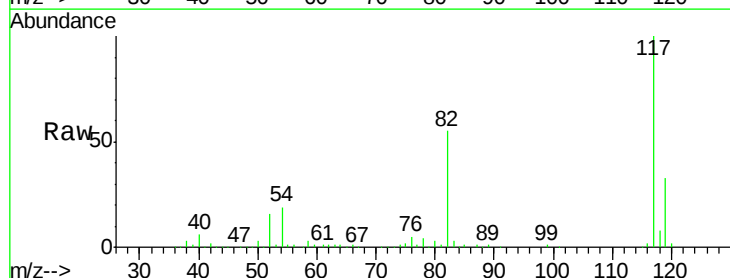
Tgt Ion: 117 Resp: 335763

Ion Ratio Lower Upper

117 100

82 55.3 44.2 66.2

119 33.3 25.8 38.6

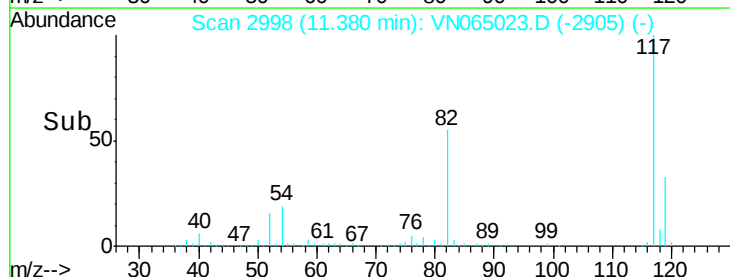


Abundance Ion 116.90 (116.60 to 117.60): VN064779.D (-2984) (-)

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

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

Time-->



Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN065023.D

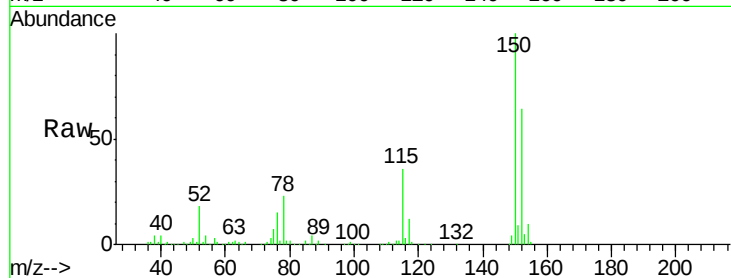
Acq: 9 Dec 2020 16:14

Instrument :

MSVOA_N

ClientSampleId :

PB133472ZHE#04



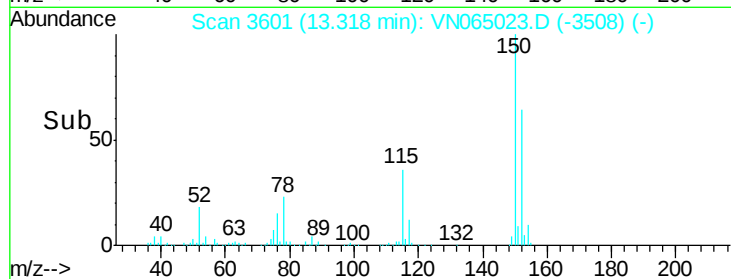
Tot Ion:152 Resp: 139035

Ion Ratio Lower Upper

152 100

115 57.0 29.7 89.1

150 157.4 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

