

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120820\
 Data File : VN064977.D
 Acq On : 8 Dec 2020 18:14
 Operator : JC/MD
 Sample : PB133456ZHE#14
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB133456ZHE#14

Quant Time: Dec 09 07:28:33 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	7.62	168	167186	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	328868	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	345507	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	140901	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	108153	55.64	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery	=	111.28%	
35) Dibromofluoromethane	7.55	113	99997	50.82	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery	=	101.64%	
50) Toluene-d8	10.06	98	404093	50.26	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery	=	100.52%	
62) 4-Bromofluorobenzene	12.37	95	154356	53.64	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery	=	107.28%	

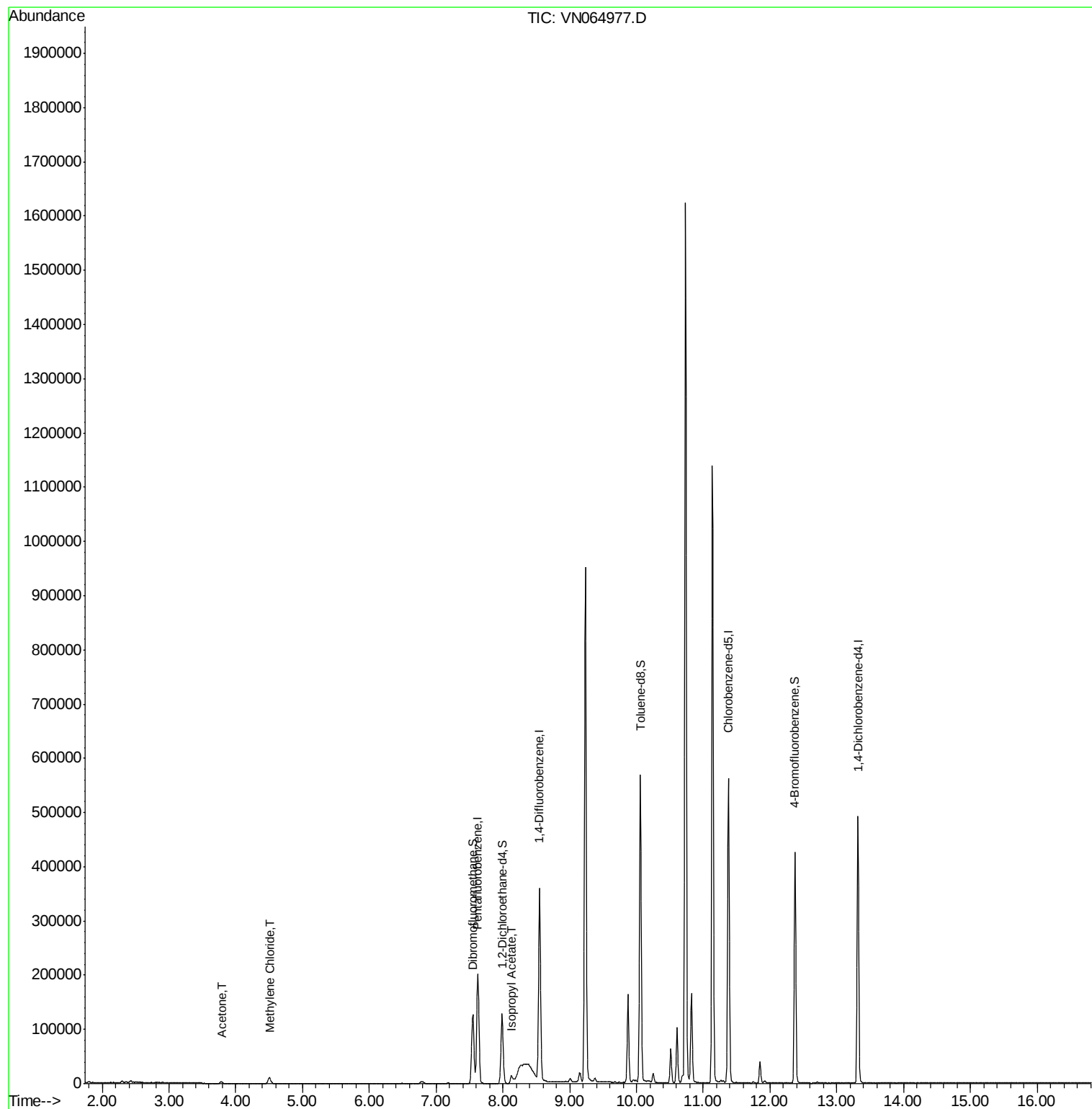
Target Compounds					Qvalue
16) Acetone	3.79	43	6094	9.538 ug/l	100
20) Methylene Chloride	4.51	84	8711	4.351 ug/l	89
43) Isopropyl Acetate	8.13	43	19155	4.054 ug/l #	93

(#) = 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
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN064977.D

Acq: 8 Dec 2020 18:14

Instrument :

MSVOA_N

ClientSampleId :

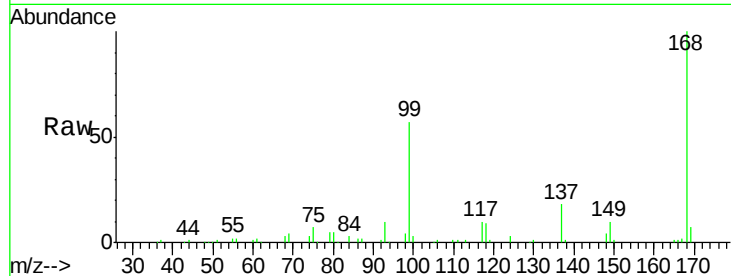
PB133456ZHE#14

Tot Ion:168 Resp: 167186

Ion Ratio Lower Upper

168 100

99 57.3 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.62

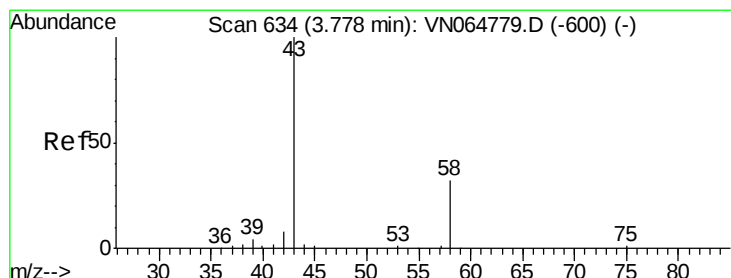
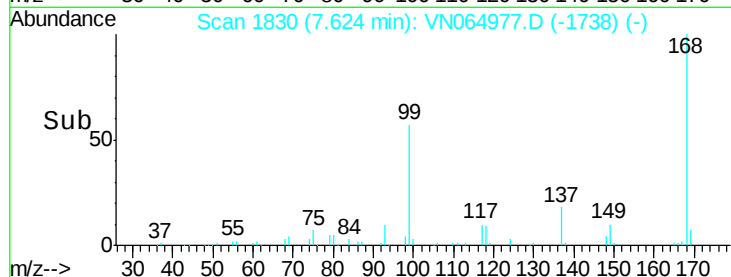
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 9.538 ug/l

RT: 3.79 min Scan# 636

Delta R.T. 0.01 min

Lab File: VN064977.D

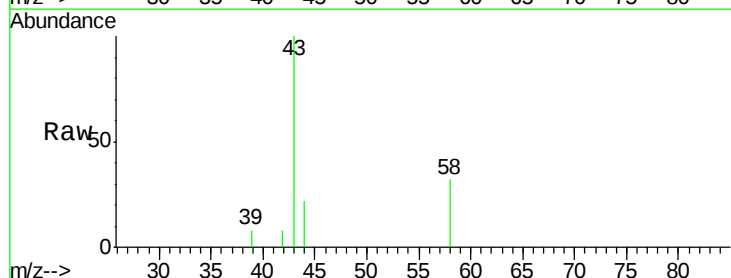
Acq: 8 Dec 2020 18:14

Tgt Ion: 43 Resp: 6094

Ion Ratio Lower Upper

43 100

58 32.0 25.7 38.5



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

2500

2000

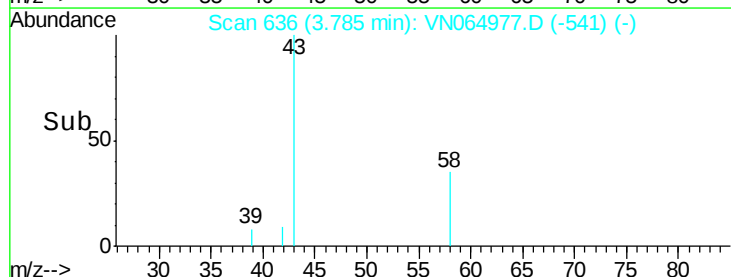
1500

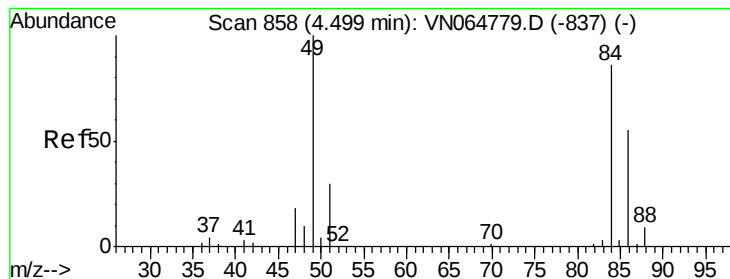
1000

500

0

Time--> 3.70 3.75 3.80 3.85





#20

Methvlene Chloride

Concen: 4.351 ug/l

RT: 4.51 min Scan# 861

Delta R.T. 0.01 min

Lab File: VN064977.D

Acq: 8 Dec 2020 18:14

Instrument :

MSVOA_N

ClientSampleId :

PB133456ZHE#14

Tot Ion: 84 Resp: 8711

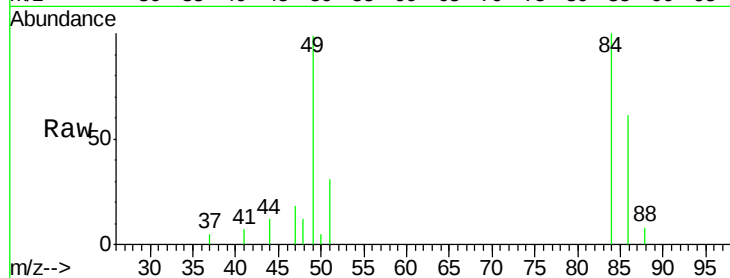
Ion Ratio Lower Upper

84 100

49 98.9 93.4 140.0

51 31.3 28.2 42.4

86 60.7 51.7 77.5

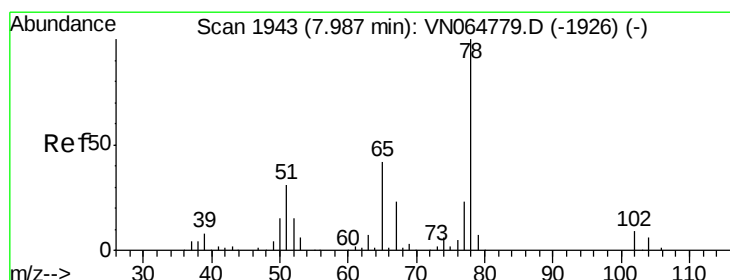
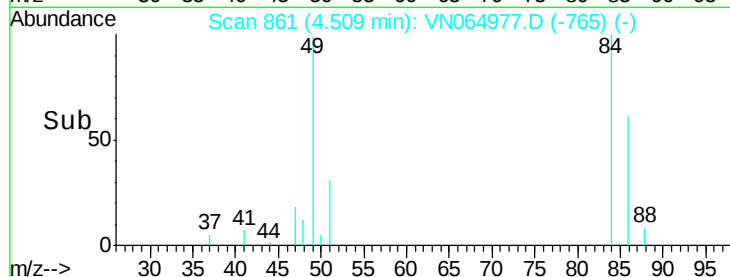
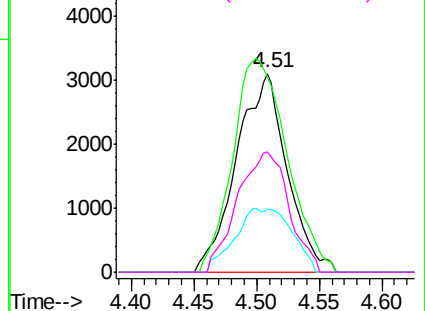


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#33

1,2-Dichloroethane-d4

Concen: 55.644 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN064977.D

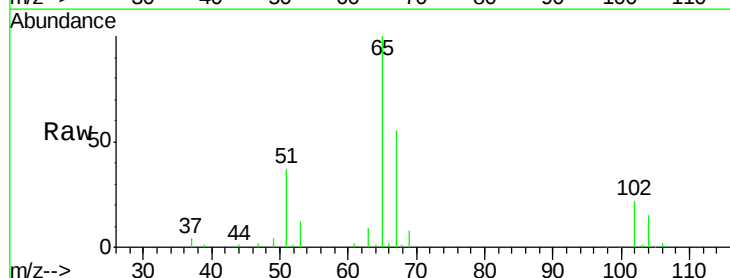
Acq: 8 Dec 2020 18:14

Tgt Ion: 65 Resp: 108153

Ion Ratio Lower Upper

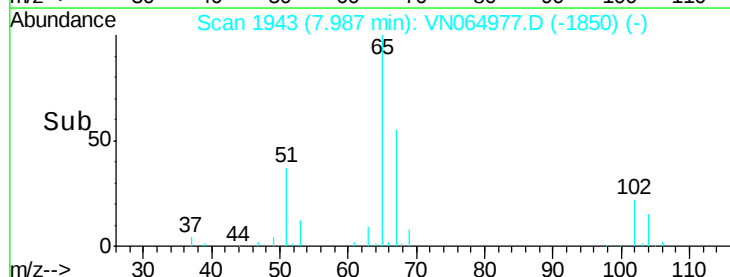
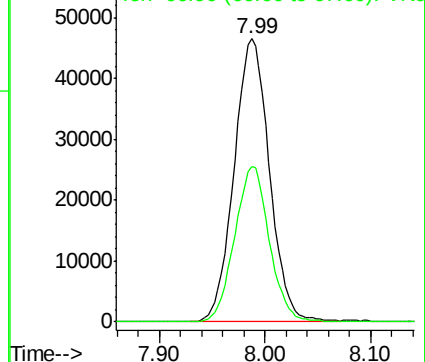
65 100

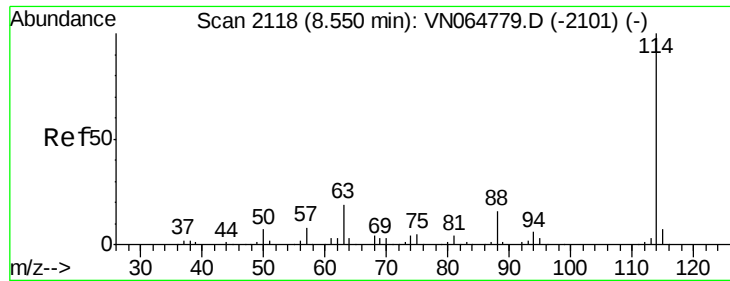
67 53.7 0.0 108.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN064977.D

Acq: 8 Dec 2020 18:14

Instrument :

MSVOA_N

ClientSampleId :

PB133456ZHE#14

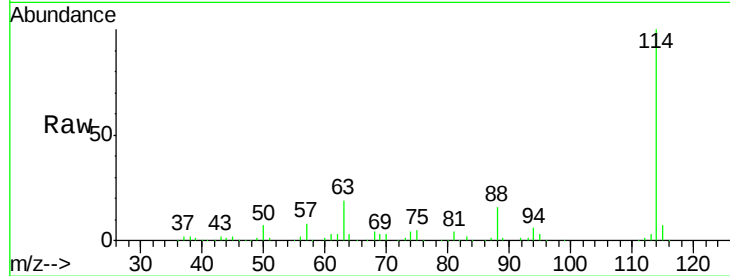
Tot Ion:114 Resp: 328868

Ion Ratio Lower Upper

114 100

63 18.6 0.0 38.6

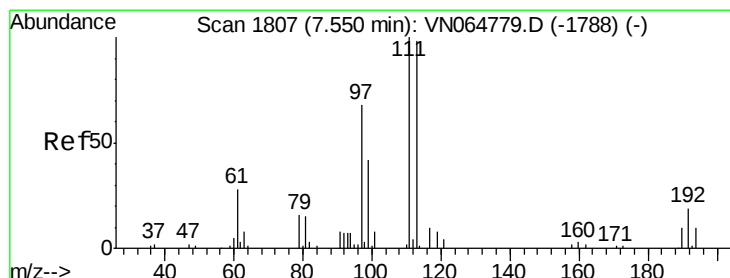
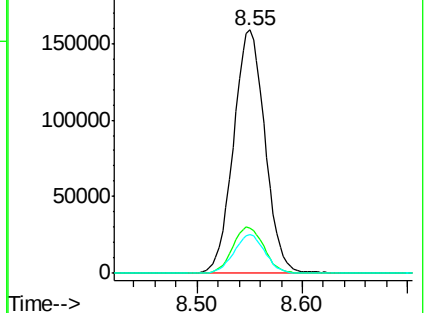
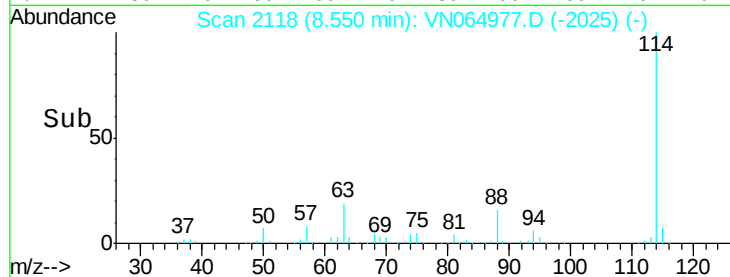
88 15.8 0.0 32.6



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: 50.816 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN064977.D

Acq: 8 Dec 2020 18:14

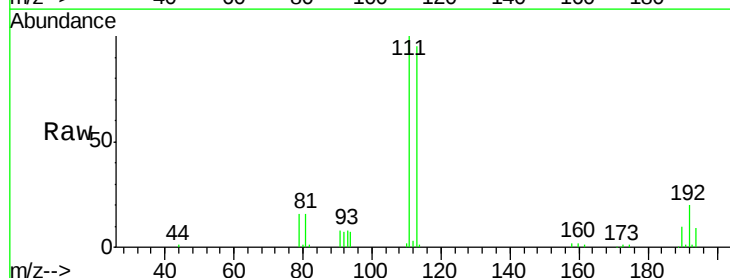
Tgt Ion:113 Resp: 99997

Ion Ratio Lower Upper

113 100

111 103.2 81.6 122.4

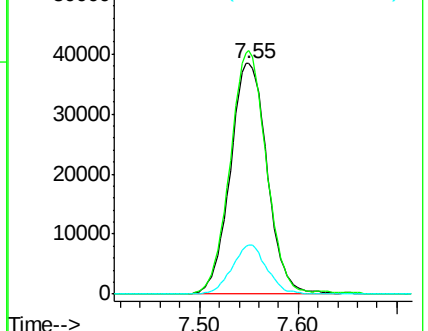
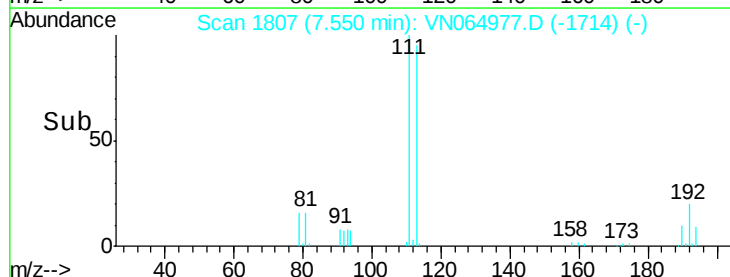
192 20.1 16.2 24.2

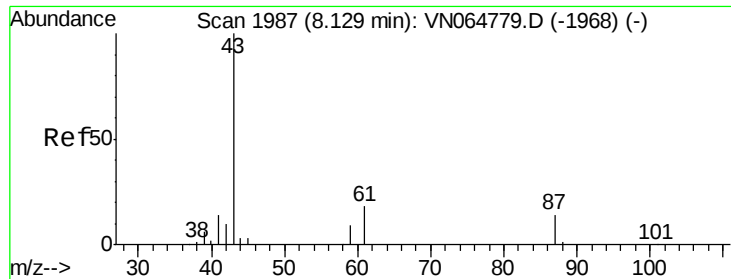


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 4.054 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN064977.D

Acq: 8 Dec 2020 18:14

Instrument :

MSVOA_N

ClientSampleId :

PB133456ZHE#14

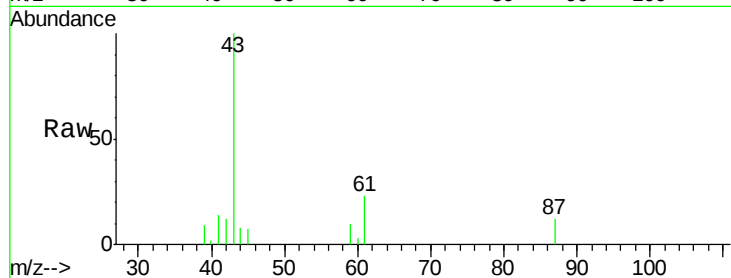
Tot Ion: 43 Resp: 19155

Ion Ratio Lower Upper

43 100

61 18.6 17.2 25.8

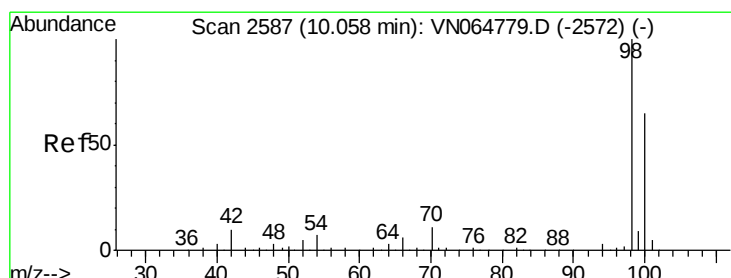
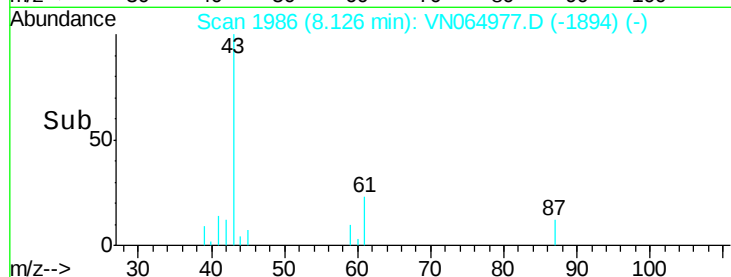
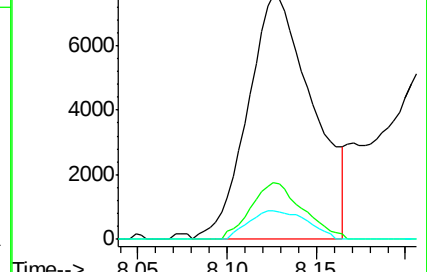
87 10.6 11.4 17.0#



Abundance Ion 43.00 (42.70 to 43.70): VN064977.D (-1968) (-)

Ion 61.00 (60.70 to 61.70): VN064977.D (-1968) (-)

Ion 87.00 (86.70 to 87.70): VN064977.D (-1968) (-)



#50

Toluene-d8

Concen: 50.258 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN064977.D

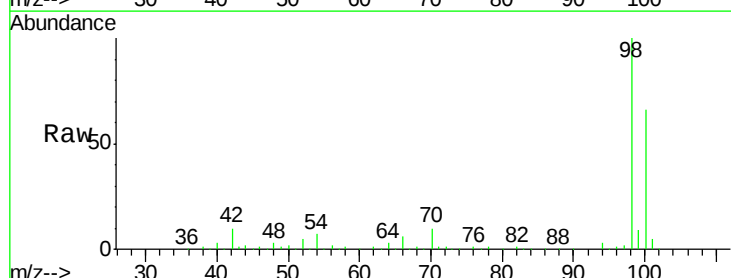
Acq: 8 Dec 2020 18:14

Tgt Ion: 98 Resp: 404093

Ion Ratio Lower Upper

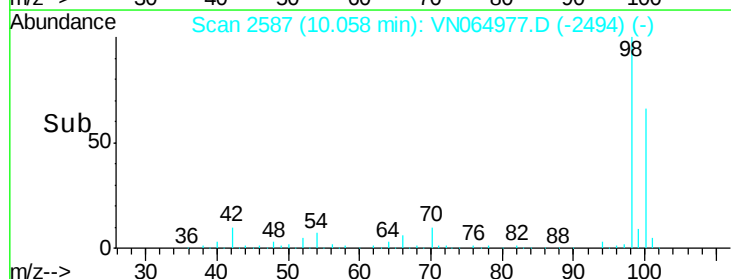
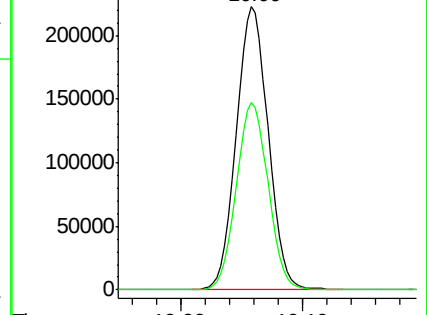
98 100

100 66.1 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) (-)

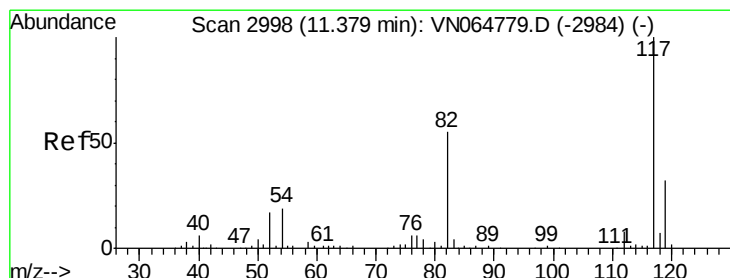
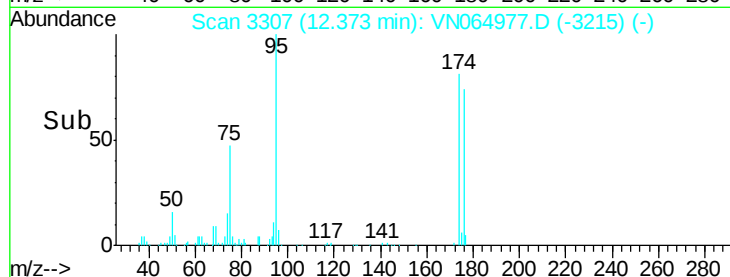
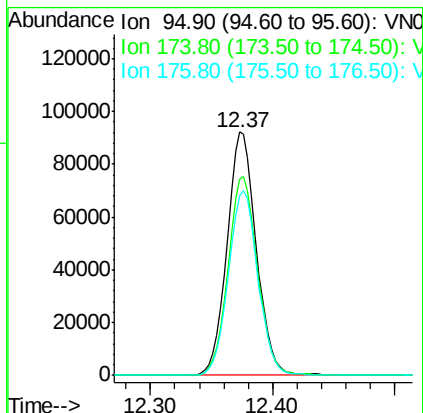
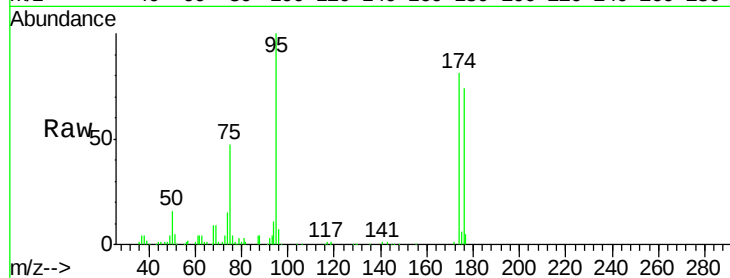




#62
4-Bromofluorobenzene
Concen: 53.642 ug/l
RT: 12.37 min Scan# 3307
Delta R.T. -0.00 min
Lab File: VN064977.D
Acq: 8 Dec 2020 18:14

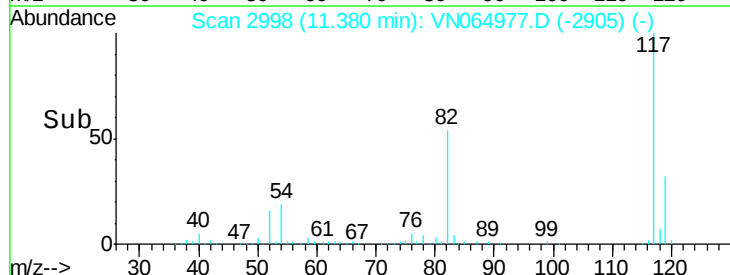
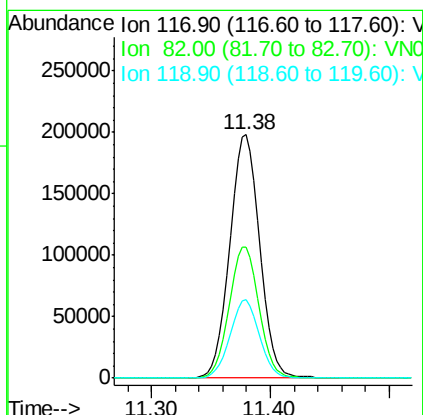
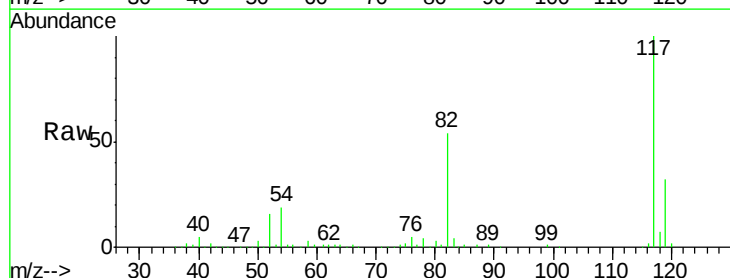
Instrument :
MSVOA_N
ClientSampleId :
PB133456ZHE#14

Tot Ion: 95 Resp: 154356
Ion Ratio Lower Upper
95 100
174 82.3 0.0 160.4
176 76.6 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: VN064977.D
Acq: 8 Dec 2020 18:14

Tgt Ion: 117 Resp: 345507
Ion Ratio Lower Upper
117 100
82 53.7 44.2 66.2
119 32.1 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3600

Delta R.T. -0.00 min

Lab File: VN064977.D

Acq: 8 Dec 2020 18:14

Instrument :

MSVOA_N

ClientSampleId :

PB133456ZHE#14

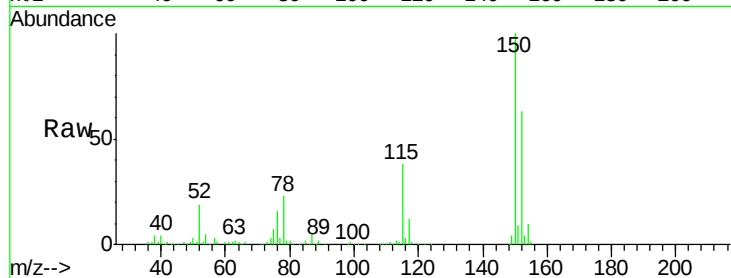
Tot Ion:152 Resp: 140901

Ion Ratio Lower Upper

152 100

115 59.5 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

