

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120820\
 Data File : VN064974.D
 Acq On : 8 Dec 2020 17:02
 Operator : JC/MD
 Sample : PB133456ZHE#11
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB133456ZHE#11

Quant Time: Dec 09 07:22:17 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	164137	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	318119	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	333543	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	143360	50.00	ug/l	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4		7.99	65	105456	55.26	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	110.52%	
35) Dibromofluoromethane		7.55	113	99065	52.04	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	104.08%	
50) Toluene-d8		10.06	98	398845	51.28	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	102.56%	
62) 4-Bromofluorobenzene		12.38	95	150235	53.97	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	107.94%	

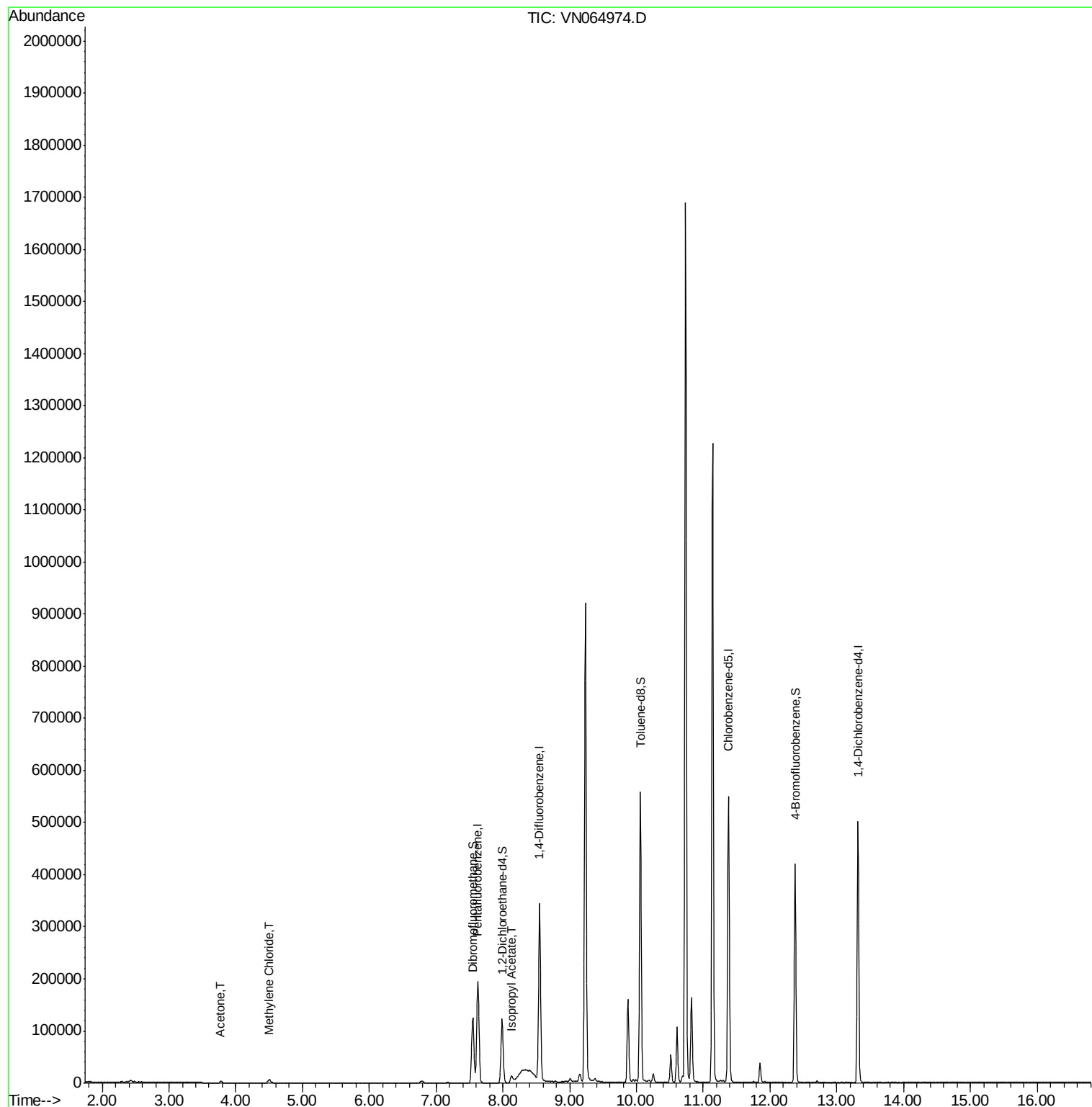
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.78	43	5521	8.802	ug/l	97
20) Methylene Chloride	4.50	84	5281	2.687	ug/l	93
43) Isopropyl Acetate	8.13	43	18556	4.060	ug/l #	89

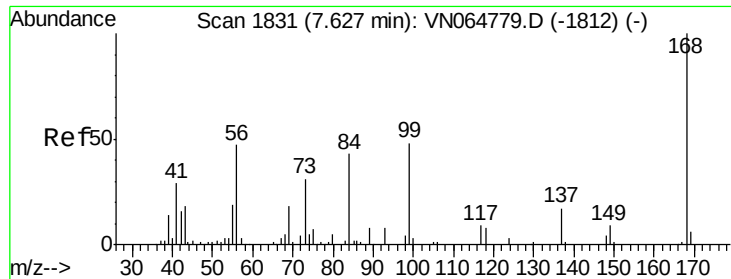
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN064974.D

Acq: 8 Dec 2020 17:02

Instrument :

MSVOA_N

ClientSampleId :

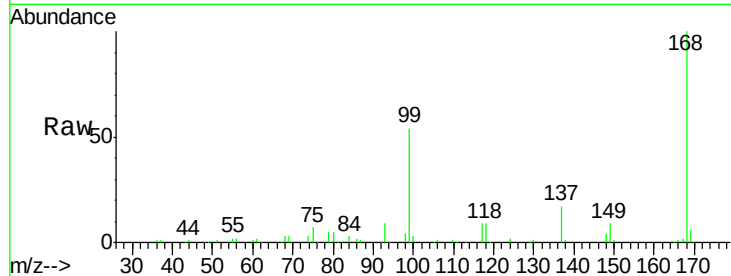
PB133456ZHE#11

Tot Ion:168 Resp: 164137

Ion Ratio Lower Upper

168 100

99 54.2 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.63

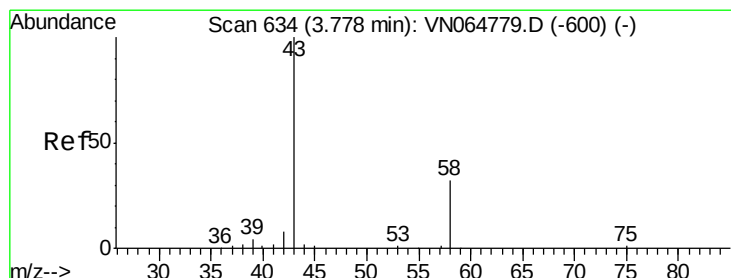
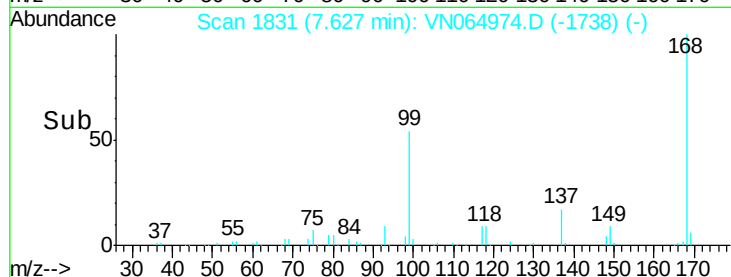
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 8.802 ug/l

RT: 3.78 min Scan# 635

Delta R.T. 0.00 min

Lab File: VN064974.D

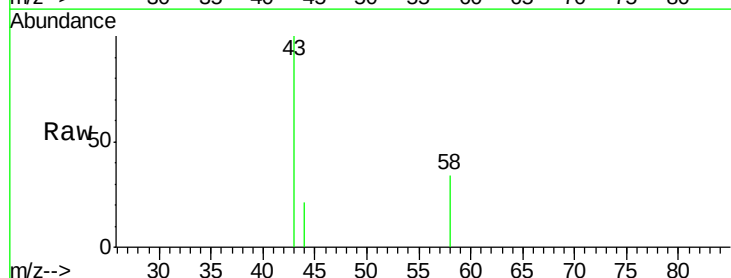
Acq: 8 Dec 2020 17:02

Tgt Ion: 43 Resp: 5521

Ion Ratio Lower Upper

43 100

58 33.8 25.7 38.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.78

2000

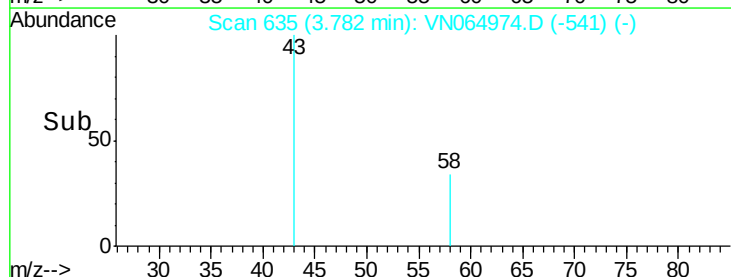
1500

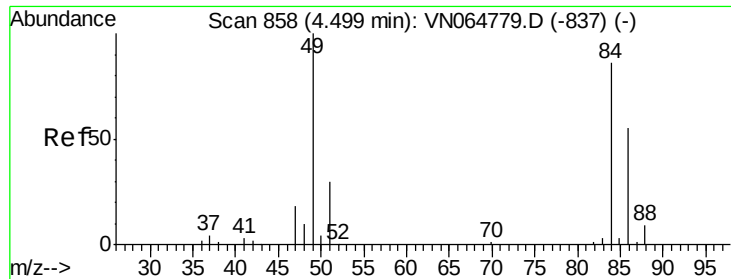
1000

500

0

Time--> 3.70 3.75 3.80 3.85

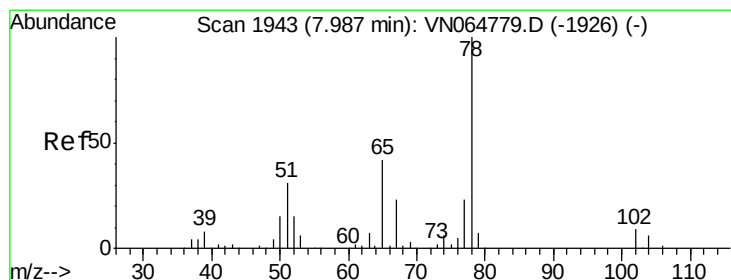
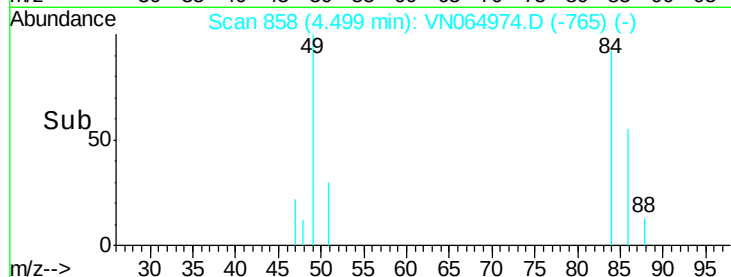
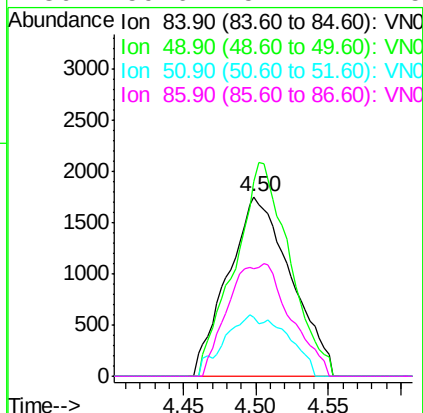
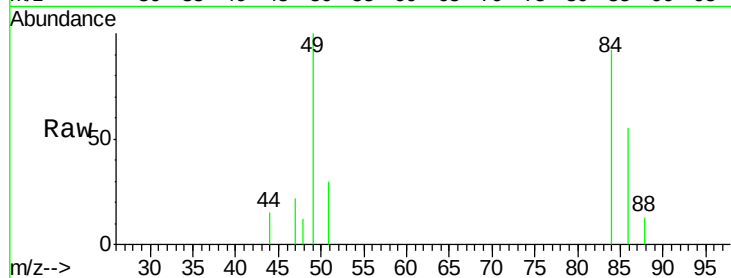




#20
Methylene Chloride
Concen: 2.687 ug/l
RT: 4.50 min Scan# 858
Delta R.T. 0.00 min
Lab File: VN064974.D
Acq: 8 Dec 2020 17:02

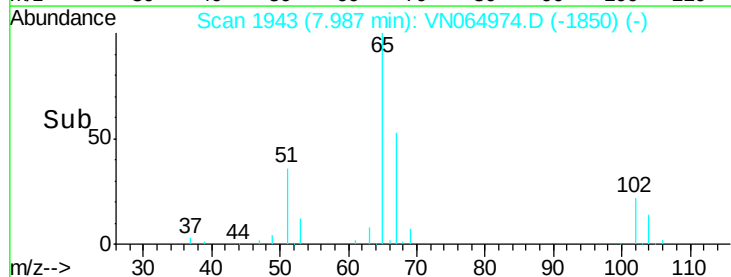
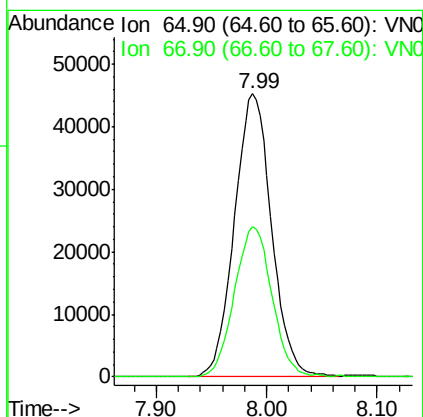
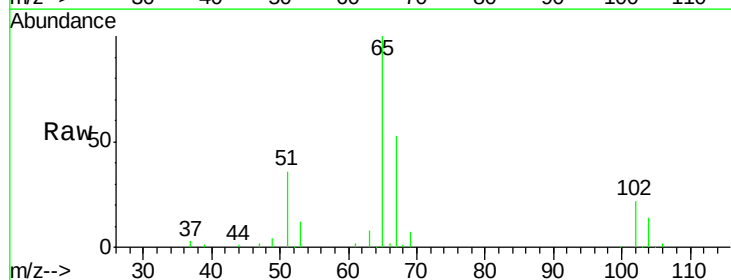
Instrument :
MSVOA_N
ClientSampleId :
PB133456ZHE#11

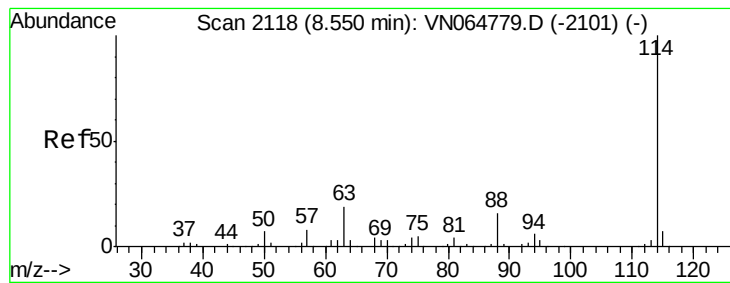
Tot Ion: 84 Resp: 5281
Ion Ratio Lower Upper
84 100
49 108.3 93.4 140.0
51 32.6 28.2 42.4
86 59.6 51.7 77.5



#33
1,2-Dichloroethane-d4
Concen: 55.265 ug/l
RT: 7.99 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN064974.D
Acq: 8 Dec 2020 17:02

Tgt Ion: 65 Resp: 105456
Ion Ratio Lower Upper
65 100
67 53.5 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: VN064974.D

Acq: 8 Dec 2020 17:02

Instrument :

MSVOA_N

ClientSampleId :

PB133456ZHE#11

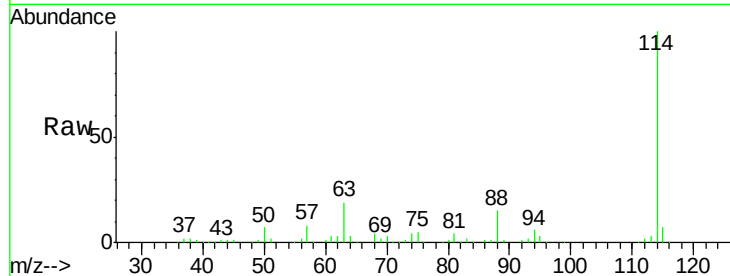
Tot Ion:114 Resp: 318119

Ion Ratio Lower Upper

114 100

63 19.3 0.0 38.6

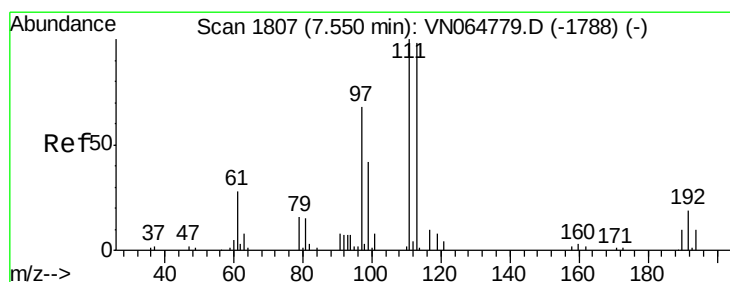
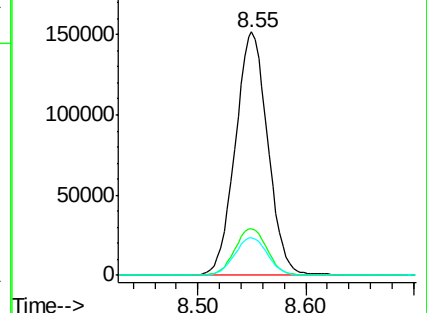
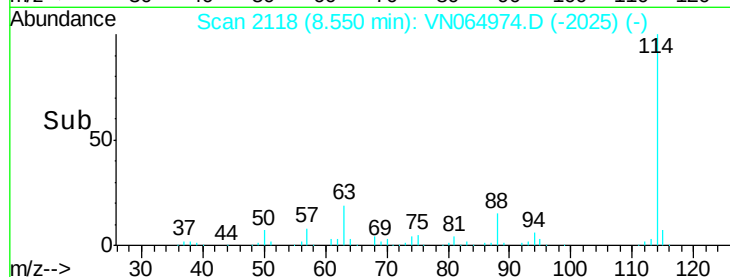
88 15.4 0.0 32.6



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: 52.043 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN064974.D

Acq: 8 Dec 2020 17:02

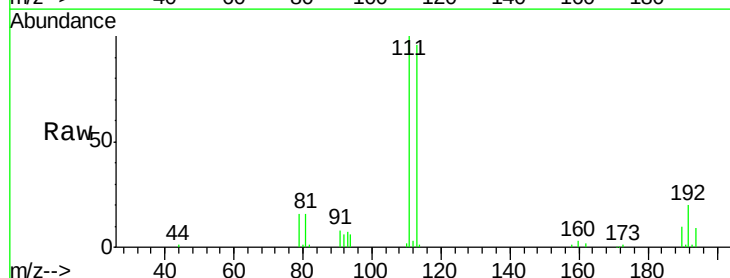
Tgt Ion:113 Resp: 99065

Ion Ratio Lower Upper

113 100

111 101.9 81.6 122.4

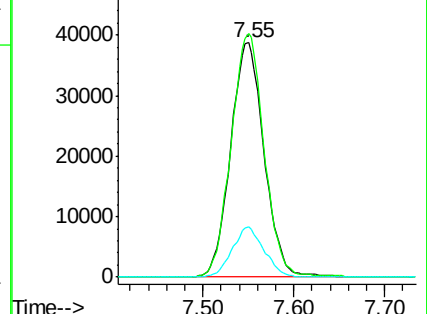
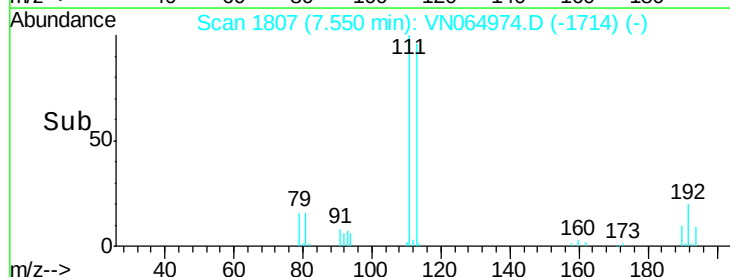
192 20.2 16.2 24.2

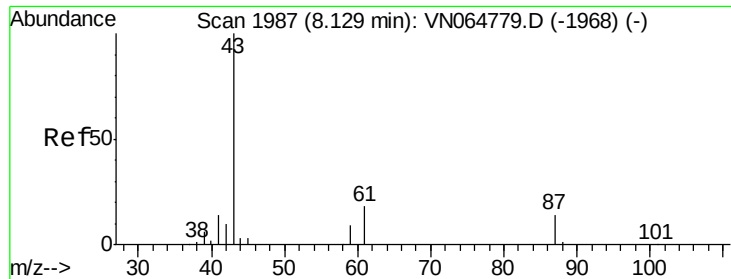


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 4.060 ug/l

RT: 8.13 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN064974.D

Acq: 8 Dec 2020 17:02

Instrument :

MSVOA_N

ClientSampleId :

PB133456ZHE#11

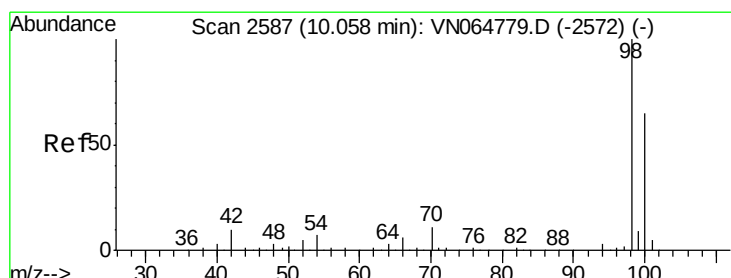
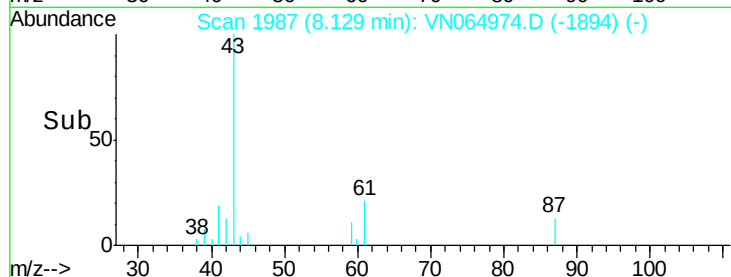
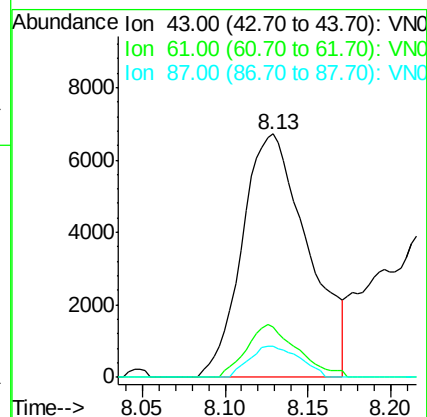
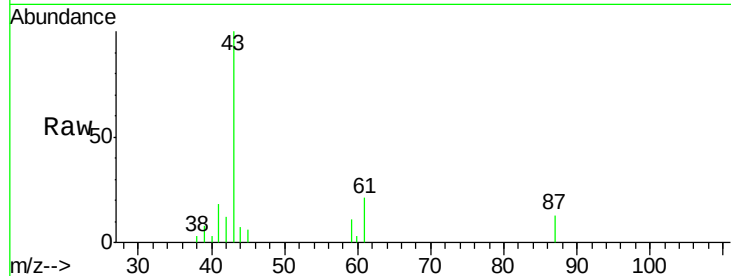
Tot Ion: 43 Resp: 18556

Ion Ratio Lower Upper

43 100

61 16.6 17.2 25.8#

87 9.7 11.4 17.0#



#50

Toluene-d8

Concen: 51.281 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN064974.D

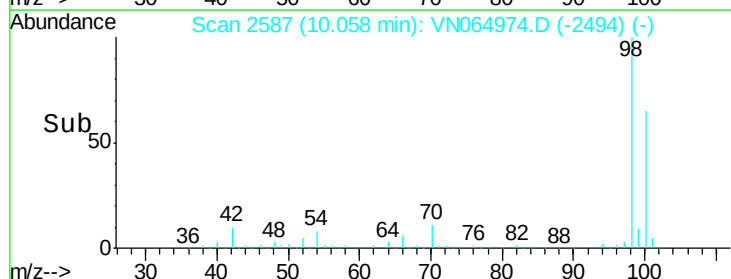
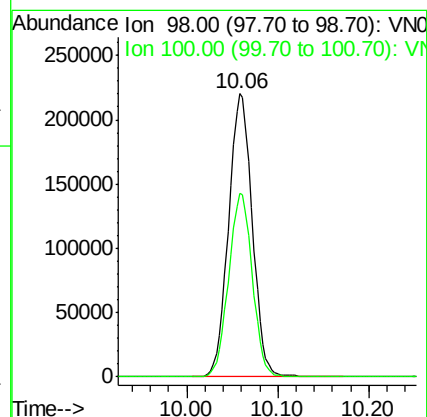
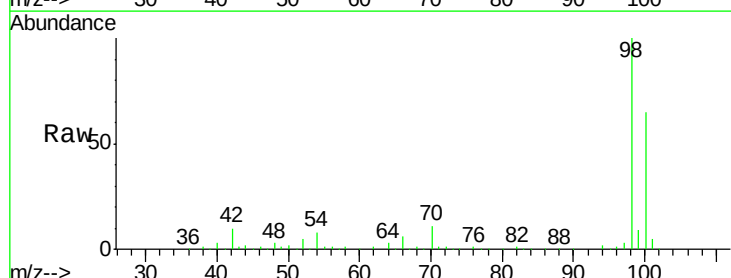
Acq: 8 Dec 2020 17:02

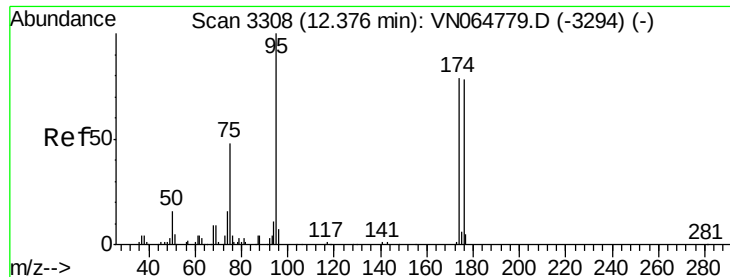
Tgt Ion: 98 Resp: 398845

Ion Ratio Lower Upper

98 100

100 64.5 51.7 77.5





#62

4-Bromofluorobenzene

Concen: 53.974 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064974.D

Acq: 8 Dec 2020 17:02

Instrument :

MSVOA_N

ClientSampleId :

PB133456ZHE#11

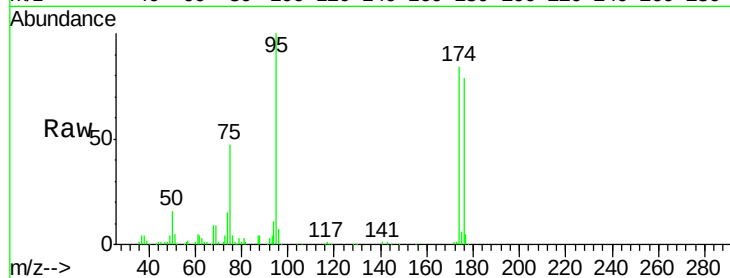
Tot Ion: 95 Resp: 150235

Ion Ratio Lower Upper

95 100

174 83.5 0.0 160.4

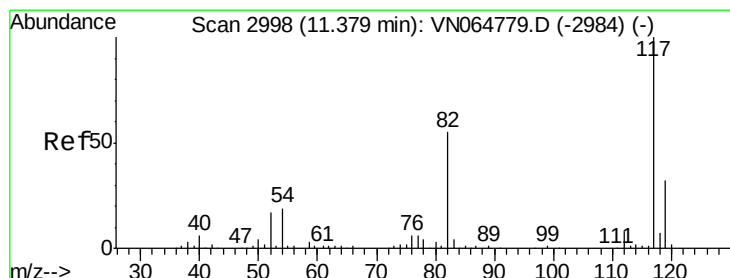
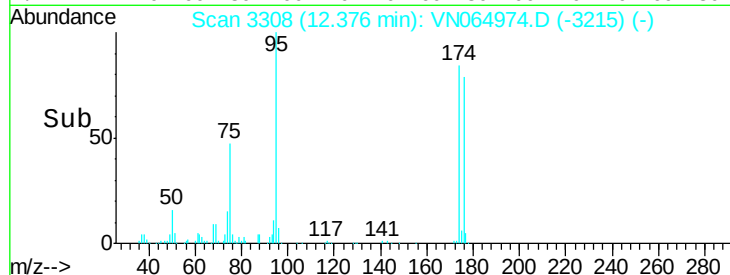
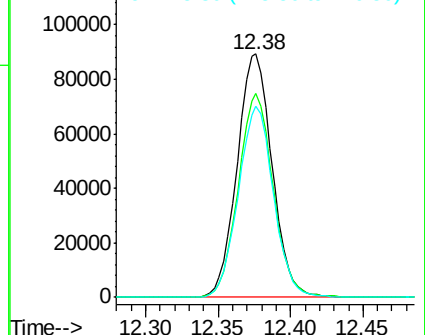
176 78.7 0.0 158.4



Abundance Ion 94.90 (94.60 to 95.60): VN064974.D (-3215) (-)

Ion 173.80 (173.50 to 174.50): VN064974.D (-3215) (-)

Ion 175.80 (175.50 to 176.50): VN064974.D (-3215) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. 0.00 min

Lab File: VN064974.D

Acq: 8 Dec 2020 17:02

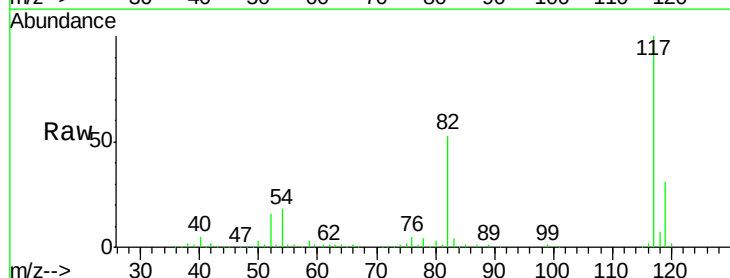
Tgt Ion: 117 Resp: 333543

Ion Ratio Lower Upper

117 100

82 53.3 44.2 66.2

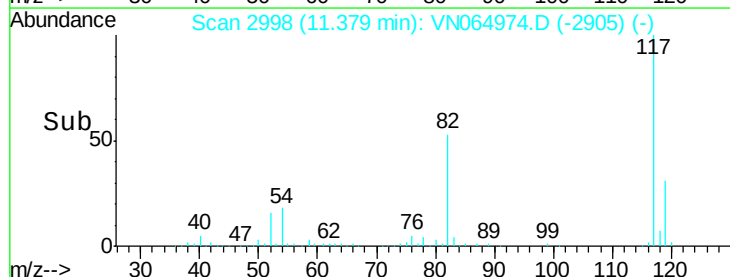
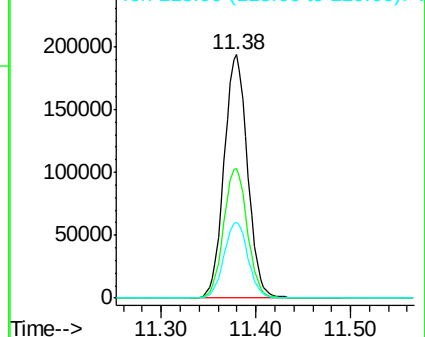
119 31.4 25.8 38.6

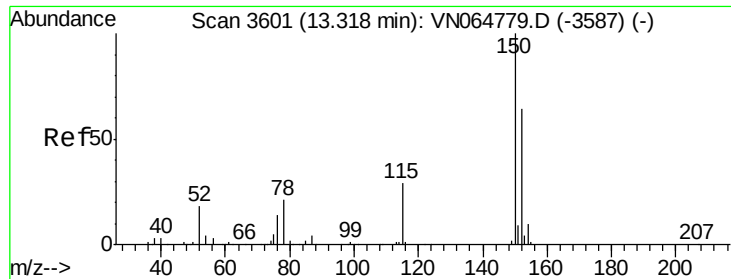


Abundance Ion 116.90 (116.60 to 117.60): VN064974.D (-2905) (-)

Ion 82.00 (81.70 to 82.70): VN064974.D (-2905) (-)

Ion 118.90 (118.60 to 119.60): VN064974.D (-2905) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN064974.D

Acq: 8 Dec 2020 17:02

Instrument :

MSVOA_N

ClientSampleId :

PB133456ZHE#11

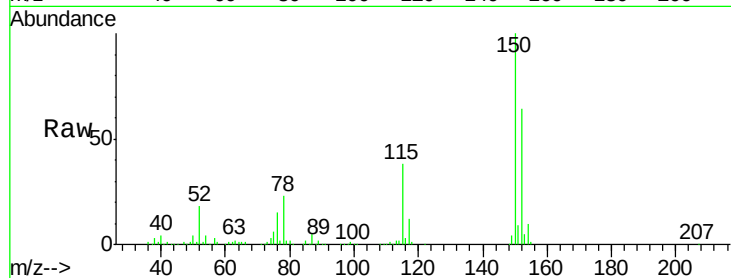
Tot Ion:152 Resp: 143360

Ion Ratio Lower Upper

152 100

115 58.7 29.7 89.1

150 158.5 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

