

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120820\
 Data File : VN064975.D
 Acq On : 8 Dec 2020 17:26
 Operator : JC/MD
 Sample : PB133456ZHE#12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB133456ZHE#12

Quant Time: Dec 09 07:23:38 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	167492	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	325216	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	339975	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	139317	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	109401	56.18	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	112.36%		
35) Dibromofluoromethane	7.55	113	100357	51.57	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	103.14%		
50) Toluene-d8	10.06	98	407748	51.28	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	102.56%		
62) 4-Bromofluorobenzene	12.38	95	152413	53.56	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	107.12%		

Target Compounds

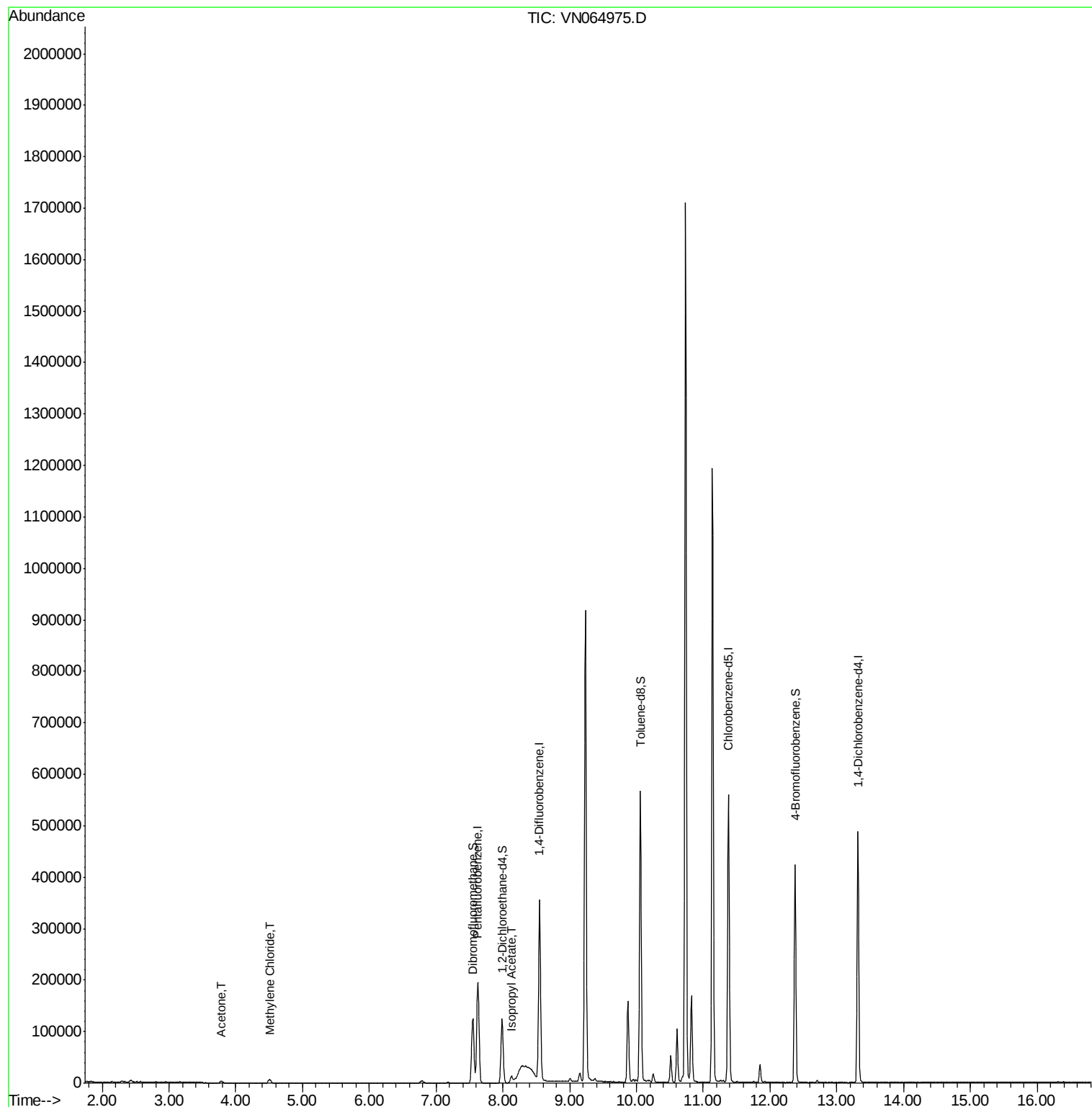
					Qvalue
16) Acetone	3.79	43	5578	8.714 ug/l	95
20) Methylene Chloride	4.51	84	5579	2.781 ug/l	90
43) Isopropyl Acetate	8.13	43	17884	3.828 ug/l #	93

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

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QLast Update : Mon Nov 23 13:54:12 2020
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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: VN064975.D

Acq: 8 Dec 2020 17:26

Instrument :

MSVOA_N

ClientSampleId :

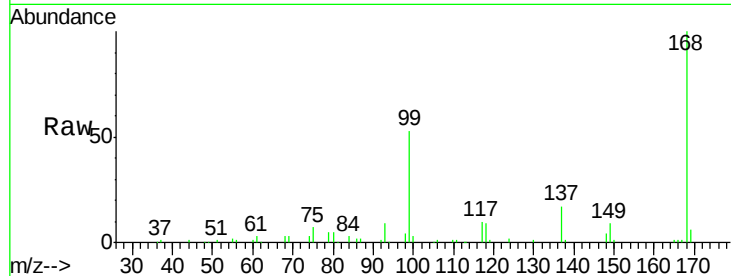
PB133456ZHE#12

Tot Ion:168 Resp: 167492

Ion Ratio Lower Upper

168 100

99 53.3 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

80000

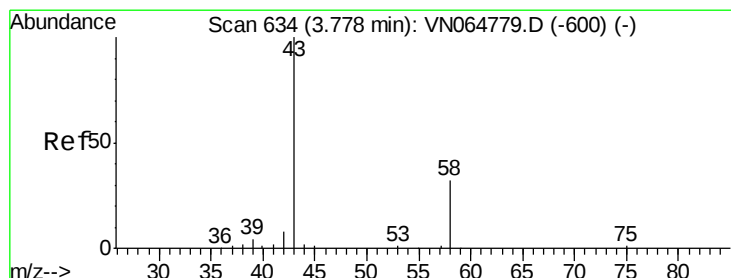
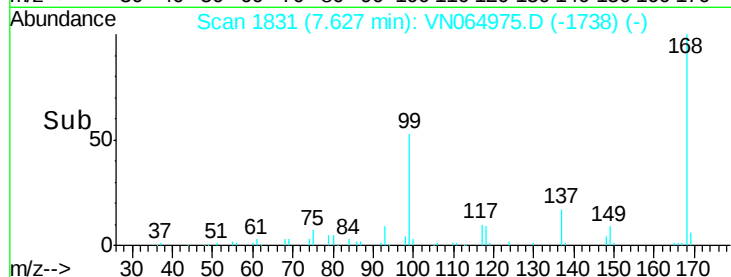
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 8.714 ug/l

RT: 3.79 min Scan# 636

Delta R.T. 0.01 min

Lab File: VN064975.D

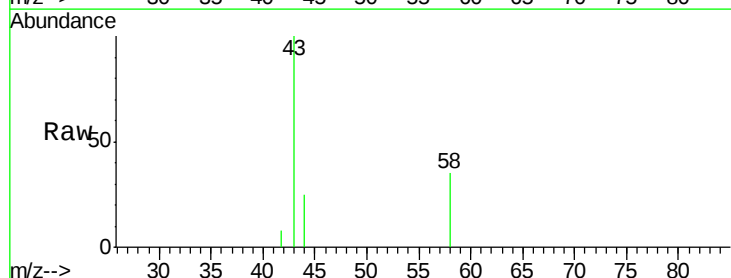
Acq: 8 Dec 2020 17:26

Tgt Ion: 43 Resp: 5578

Ion Ratio Lower Upper

43 100

58 34.7 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

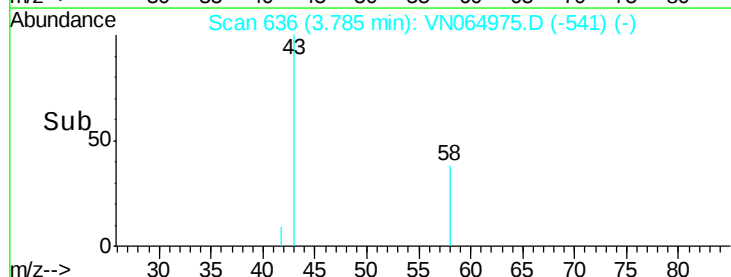
1500

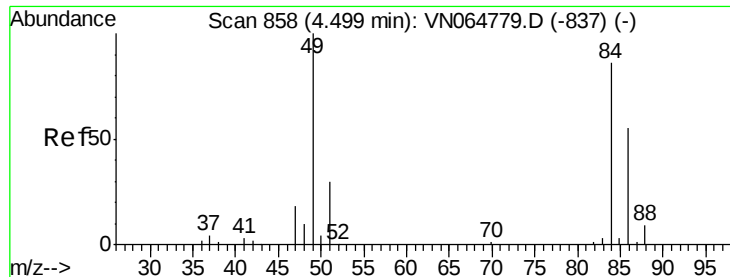
1000

500

0

Time--> 3.70 3.75 3.80 3.85

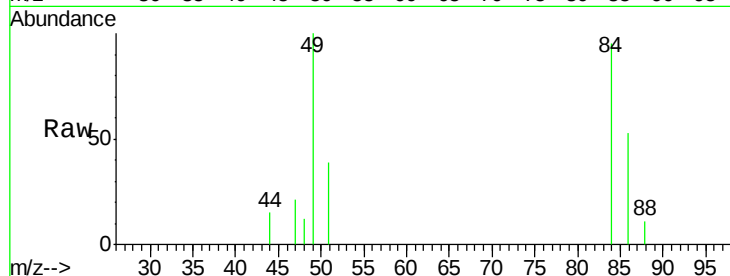




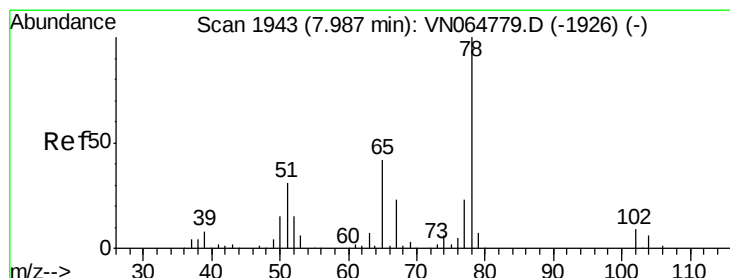
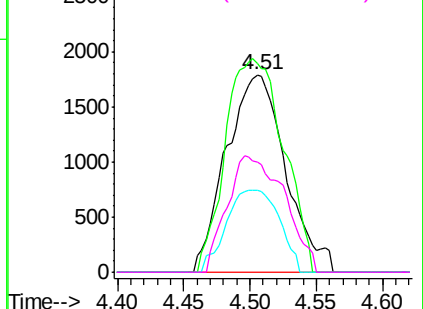
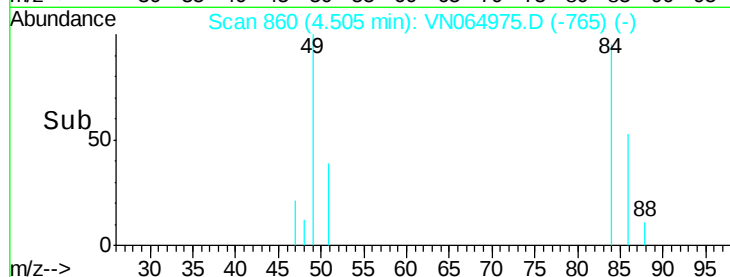
#20
Methvlene Chloride
Concen: 2.781 ug/l
RT: 4.51 min Scan# 860
Delta R.T. 0.01 min
Lab File: VN064975.D
Acq: 8 Dec 2020 17:26

Instrument :
MSVOA_N
ClientSampleId :
PB133456ZHE#12

Tot Ion: 84 Resp: 5579
Ion Ratio Lower Upper
84 100
49 105.8 93.4 140.0
51 41.3 28.2 42.4
86 55.7 51.7 77.5

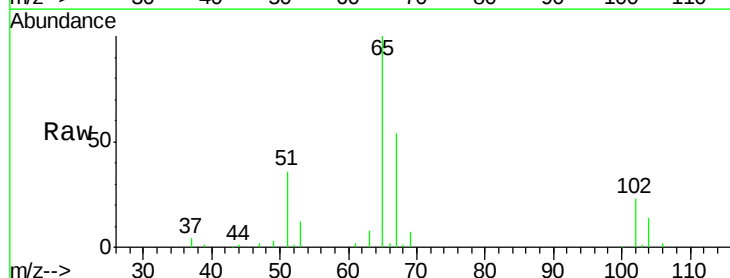


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

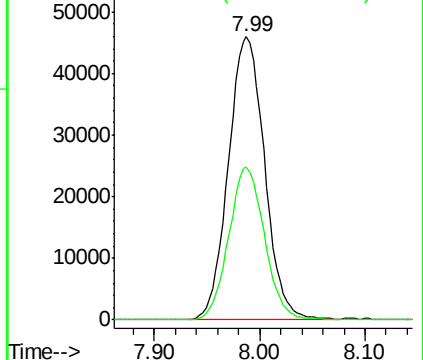
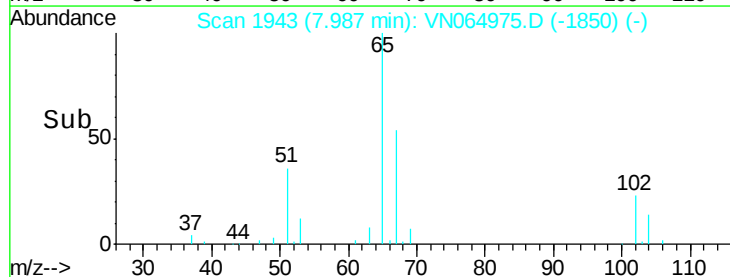


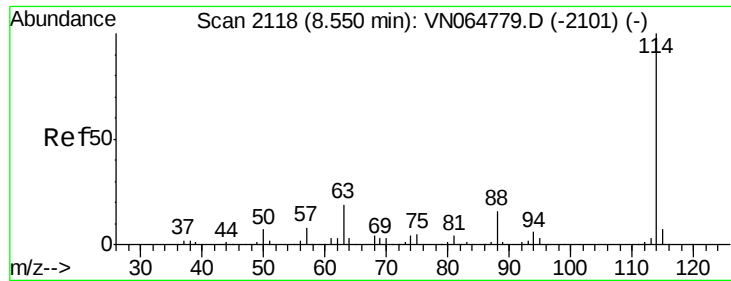
#33
1,2-Dichloroethane-d4
Concen: 56.184 ug/l
RT: 7.99 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN064975.D
Acq: 8 Dec 2020 17:26

Tgt Ion: 65 Resp: 109401
Ion Ratio Lower Upper
65 100
67 53.2 0.0 108.2



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

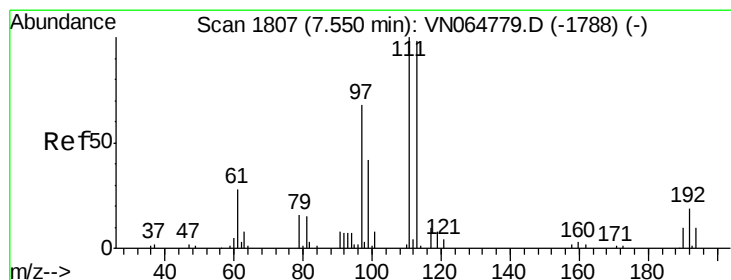
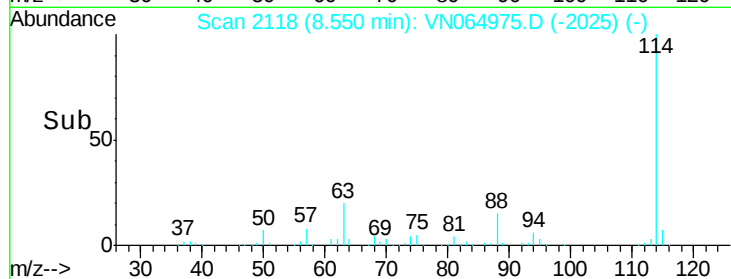
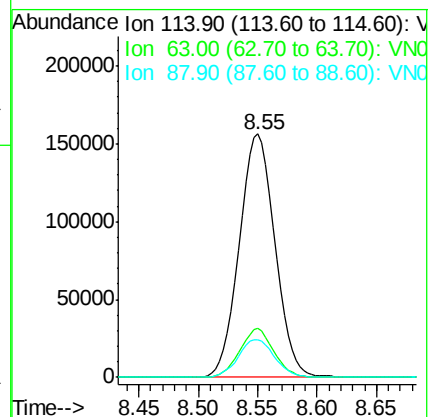
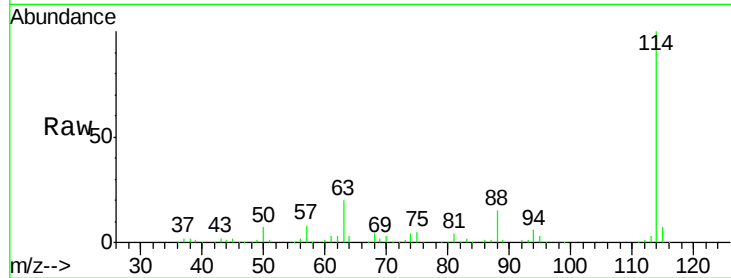




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN064975.D
 Acq: 8 Dec 2020 17:26

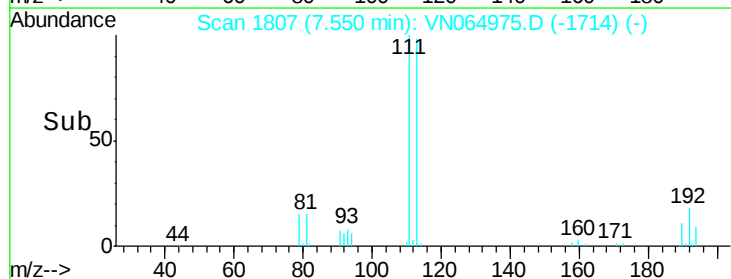
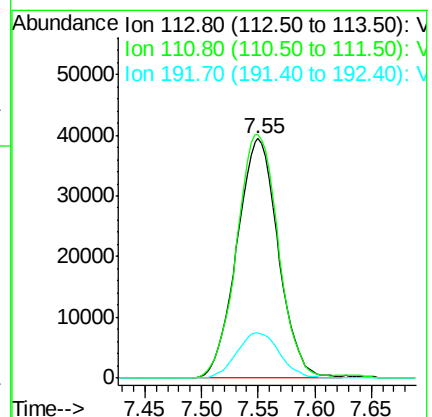
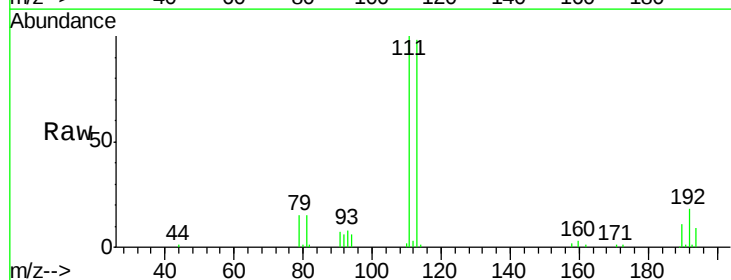
Instrument :
 MSVOA_N
 ClientSampleId :
 PB133456ZHE#12

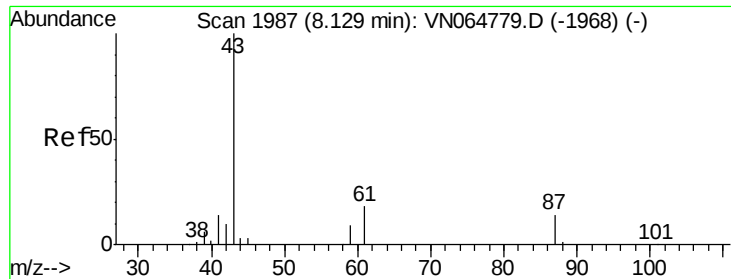
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	38.6
88	15.4	0.0	32.6



#35
 Dibromofluoromethane
 Concen: 51.571 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN064975.D
 Acq: 8 Dec 2020 17:26

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.6	122.4
192	19.6	16.2	24.2





#43

Isopropyl Acetate

Concen: 3.828 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN064975.D

Acq: 8 Dec 2020 17:26

Instrument :

MSVOA_N

ClientSampleId :

PB133456ZHE#12

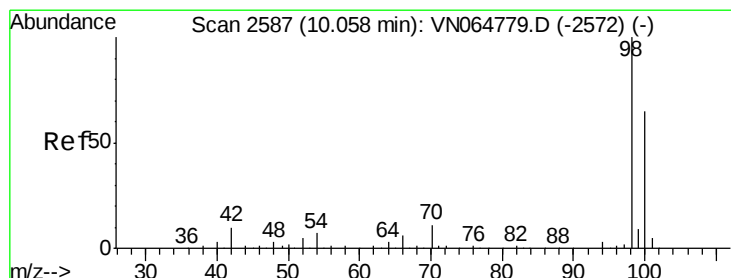
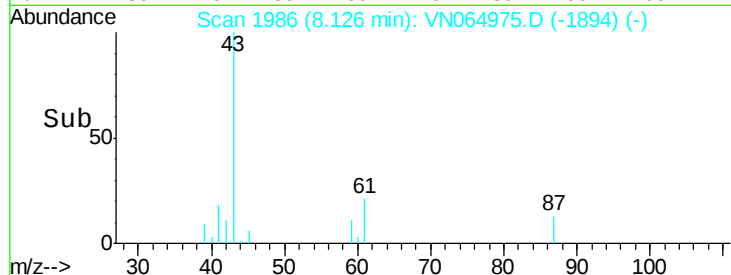
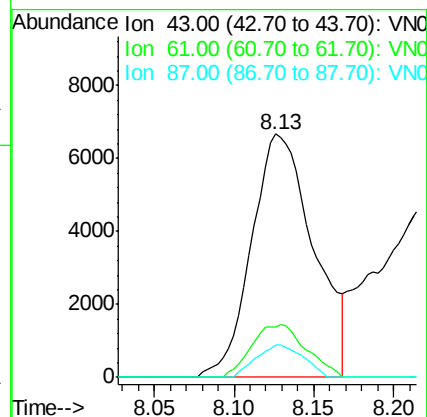
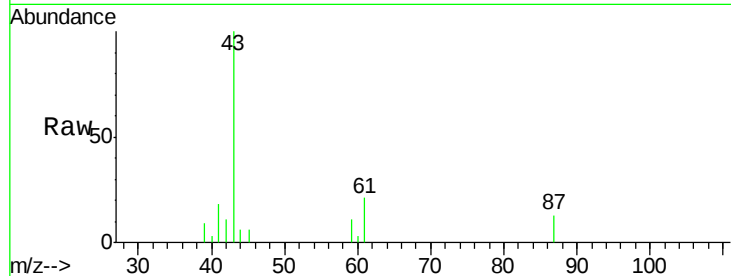
Tot Ion: 43 Resp: 17884

Ion Ratio Lower Upper

43 100

61 19.0 17.2 25.8

87 10.0 11.4 17.0#



#50

Toluene-d8

Concen: 51.282 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN064975.D

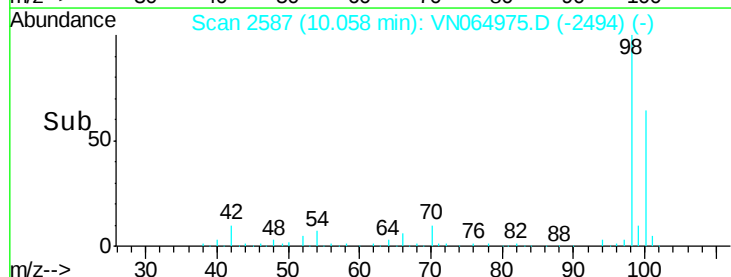
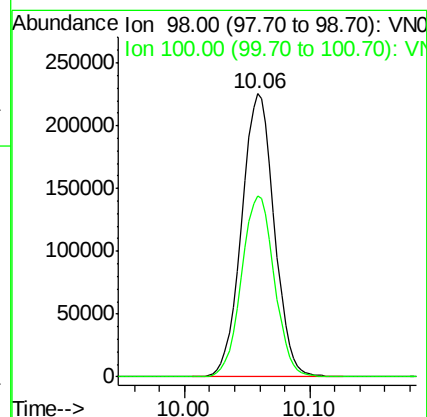
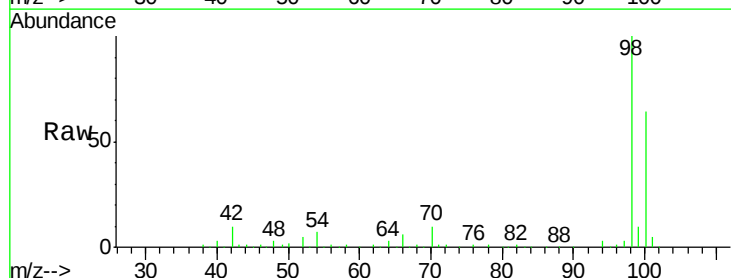
Acq: 8 Dec 2020 17:26

Tgt Ion: 98 Resp: 407748

Ion Ratio Lower Upper

98 100

100 64.5 51.7 77.5

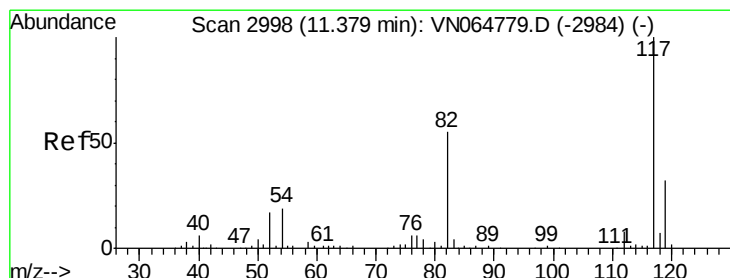
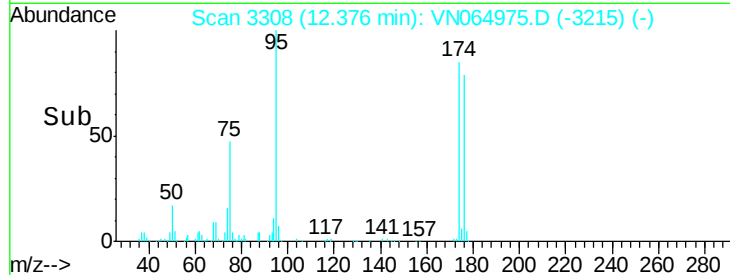
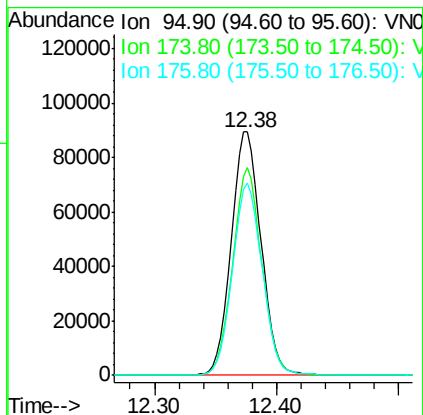
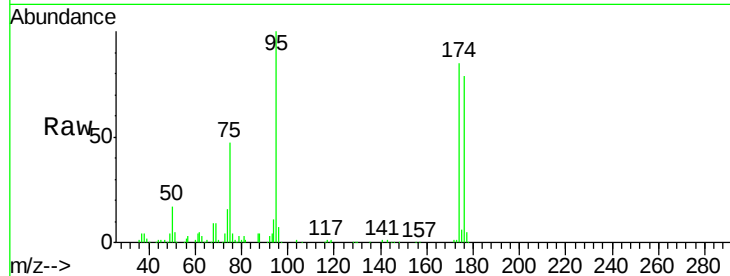




#62
4-Bromofluorobenzene
Concen: 53.562 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN064975.D
Acq: 8 Dec 2020 17:26

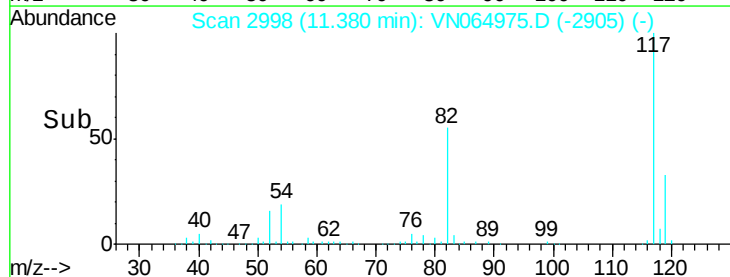
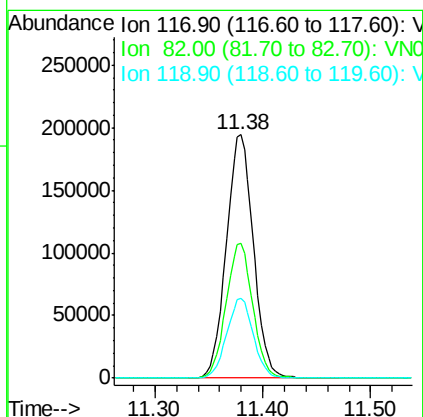
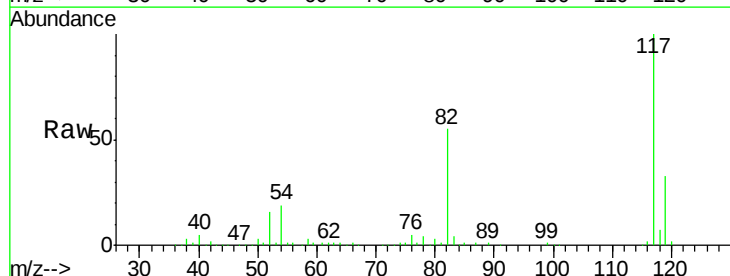
Instrument :
MSVOA_N
ClientSampleId :
PB133456ZHE#12

Tot Ion: 95 Resp: 152413
Ion Ratio Lower Upper
95 100
174 82.9 0.0 160.4
176 78.3 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: VN064975.D
Acq: 8 Dec 2020 17:26

Tgt Ion: 117 Resp: 339975
Ion Ratio Lower Upper
117 100
82 55.2 44.2 66.2
119 32.9 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: VN064975.D

Acq: 8 Dec 2020 17:26

Instrument :

MSVOA_N

ClientSampleId :

PB133456ZHE#12

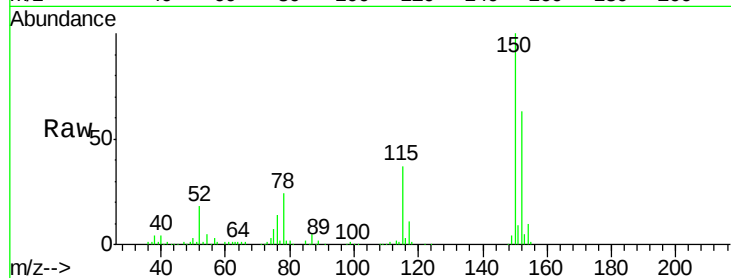
Tot Ion:152 Resp: 139317

Ion Ratio Lower Upper

152 100

115 59.1 29.7 89.1

150 158.8 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

