

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120820\
 Data File : VN064963.D
 Acq On : 8 Dec 2020 12:37
 Operator : JC/MD
 Sample : PB133456TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB133456TB

Quant Time: Dec 09 07:05:22 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	174581	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	307426	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	332463	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	139991	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	106820	52.63	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	105.26%		
35) Dibromofluoromethane	7.55	113	98821	53.72	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	107.44%		
50) Toluene-d8	10.06	98	403224	53.65	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	107.30%		
62) 4-Bromofluorobenzene	12.37	95	151805	56.44	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	112.88%		

Target Compounds

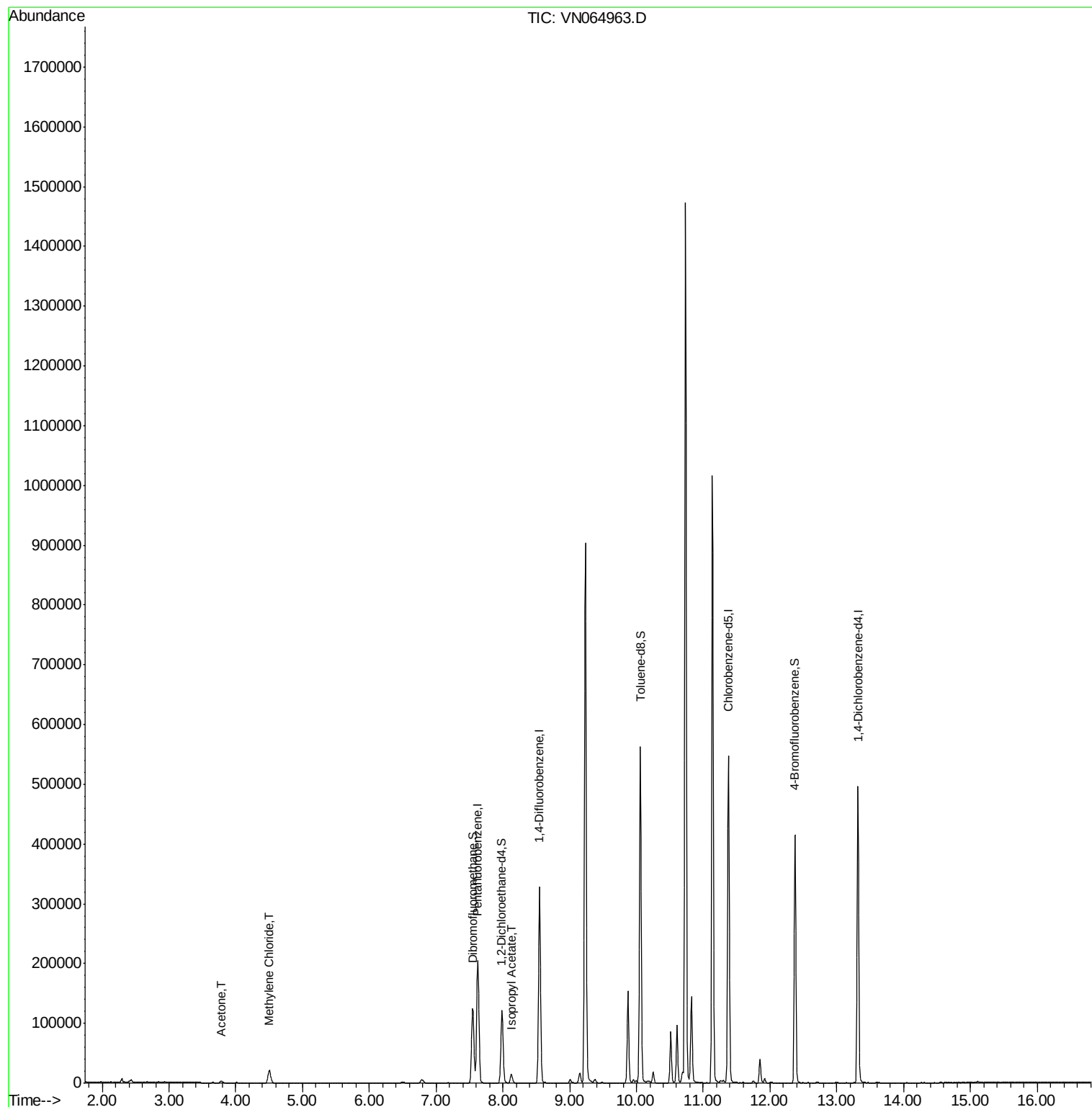
					Qvalue
16) Acetone	3.78	43	6114	9.164 ug/l	99
20) Methylene Chloride	4.50	84	16659	7.968 ug/l	97
43) Isopropyl Acetate	8.13	43	17846	4.040 ug/l	98

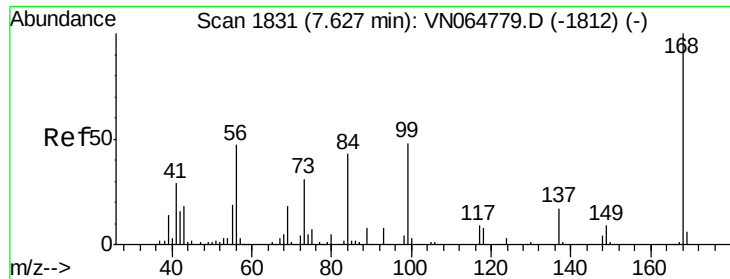
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN064963.D

Acq: 8 Dec 2020 12:37

Instrument :

MSVOA_N

ClientSampleId :

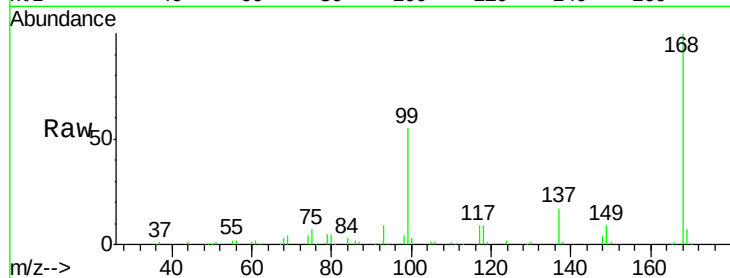
PB133456TB

Tot Ion:168 Resp: 174581

Ion Ratio Lower Upper

168 100

99 55.3 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.62

80000

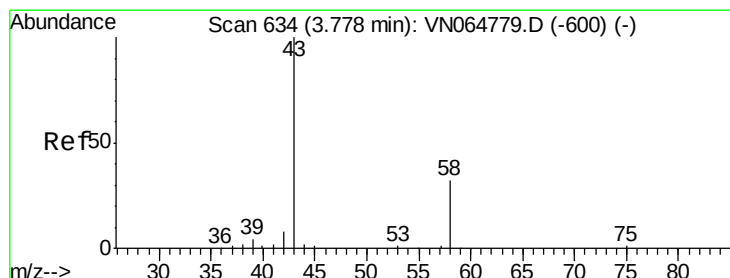
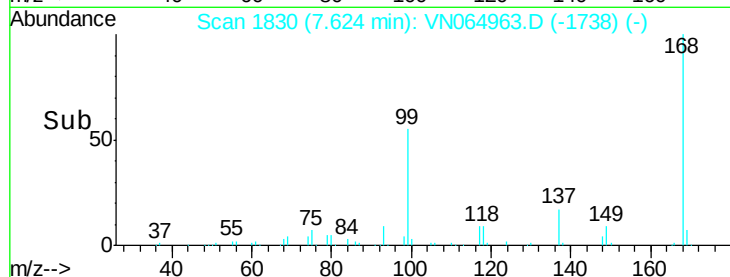
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 9.164 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.00 min

Lab File: VN064963.D

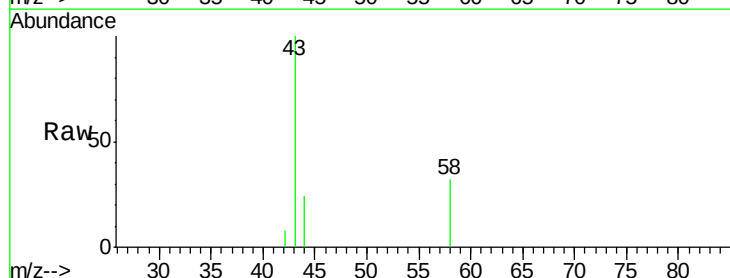
Acq: 8 Dec 2020 12:37

Tgt Ion: 43 Resp: 6114

Ion Ratio Lower Upper

43 100

58 31.8 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

2500

2000

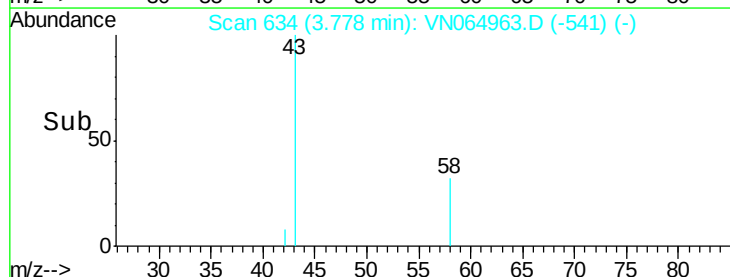
1500

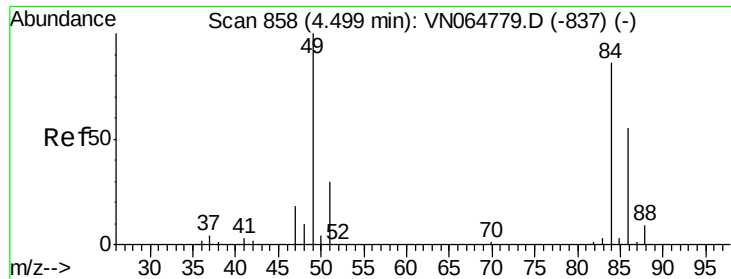
1000

500

0

Time--> 3.70 3.75 3.80 3.85

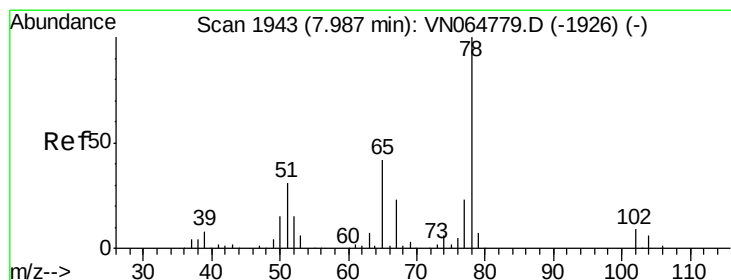
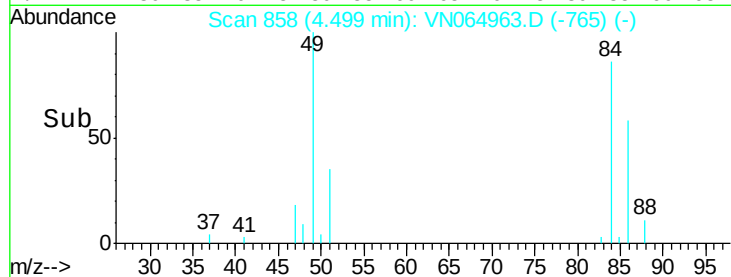
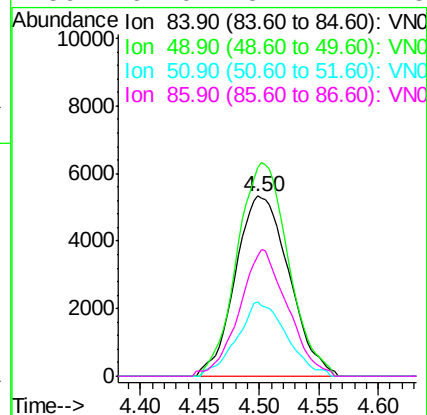
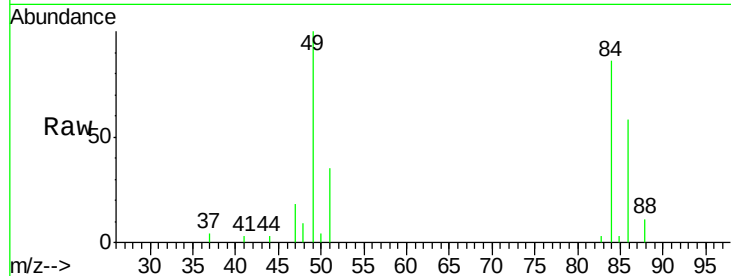




#20
Methylene Chloride
Concen: 7.968 ug/l
RT: 4.50 min Scan# 858
Delta R.T. 0.00 min
Lab File: VN064963.D
Acq: 8 Dec 2020 12:37

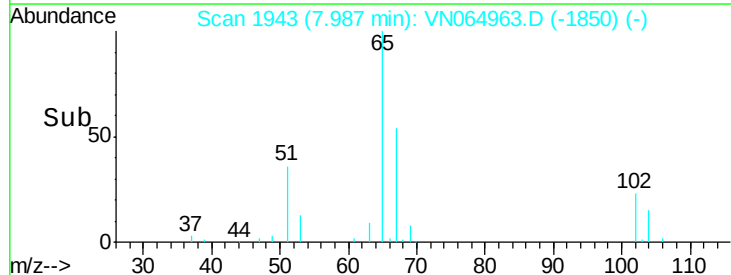
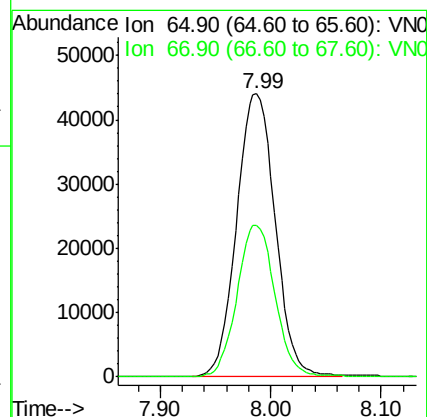
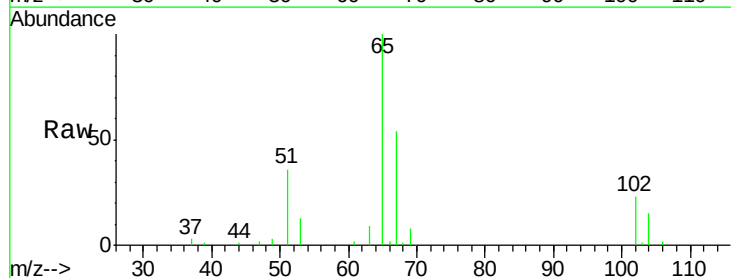
Instrument :
MSVOA_N
ClientSampleId :
PB133456TB

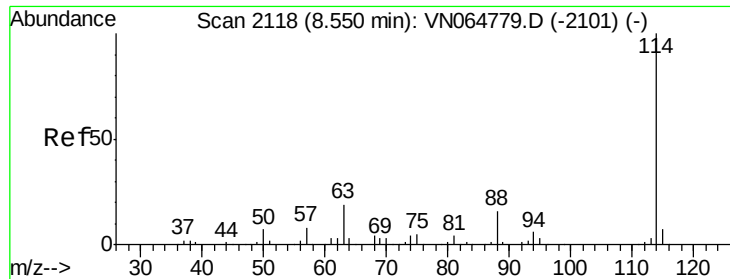
Tot Ion: 84 Resp: 16659
Ion Ratio Lower Upper
84 100
49 115.9 93.4 140.0
51 40.9 28.2 42.4
86 67.0 51.7 77.5



#33
1,2-Dichloroethane-d4
Concen: 52.631 ug/l
RT: 7.99 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN064963.D
Acq: 8 Dec 2020 12:37

Tgt Ion: 65 Resp: 106820
Ion Ratio Lower Upper
65 100
67 52.8 0.0 108.2

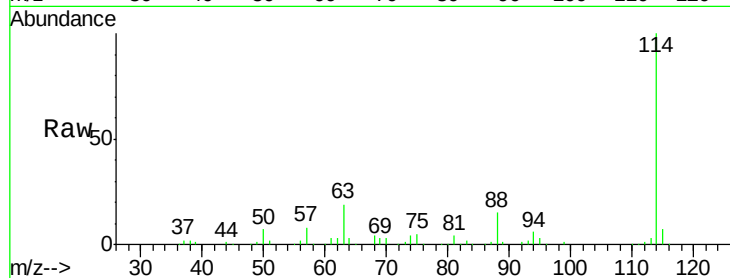




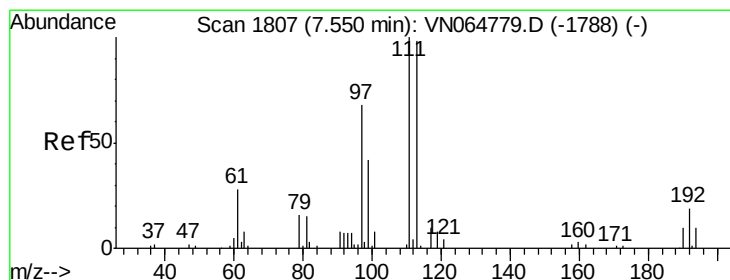
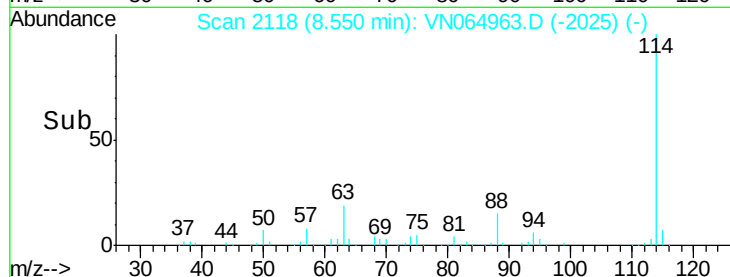
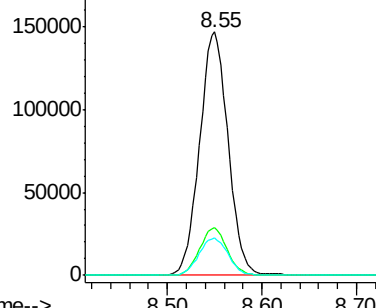
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VN064963.D
Acq: 8 Dec 2020 12:37

Instrument :
MSVOA_N
ClientSampleId :
PB133456TB

Tot Ion:114 Resp: 307426
Ion Ratio Lower Upper
114 100
63 19.4 0.0 38.6
88 15.2 0.0 32.6

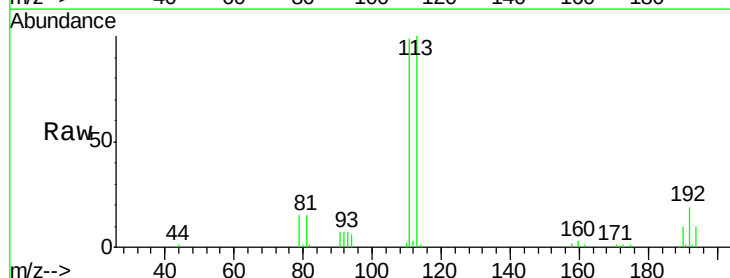


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

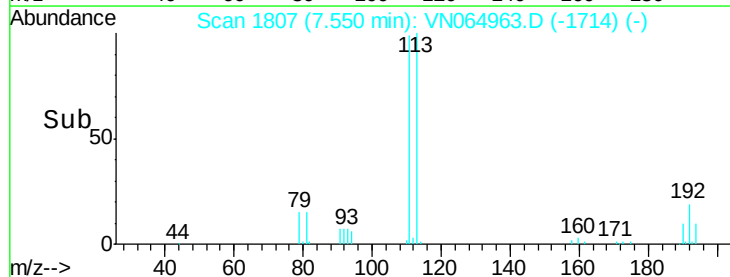
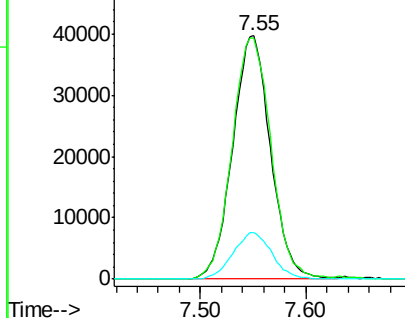


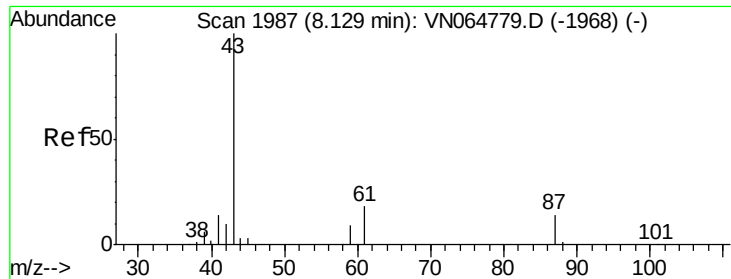
#35
Dibromofluoromethane
Concen: 53.721 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN064963.D
Acq: 8 Dec 2020 12:37

Tgt Ion:113 Resp: 98821
Ion Ratio Lower Upper
113 100
111 102.2 81.6 122.4
192 19.5 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: 4.040 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN064963.D

Acq: 8 Dec 2020 12:37

Instrument :

MSVOA_N

ClientSampled :

PB133456TB

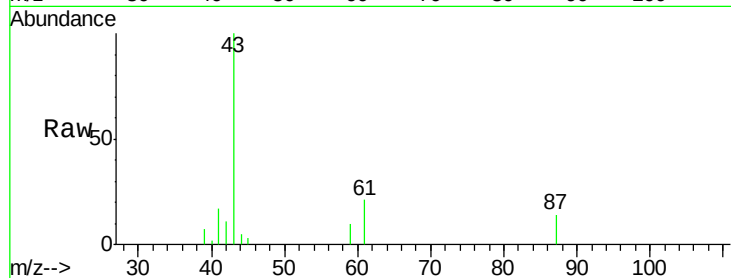
Tot Ion: 43 Resp: 17846

Ion Ratio Lower Upper

43 100

61 20.5 17.2 25.8

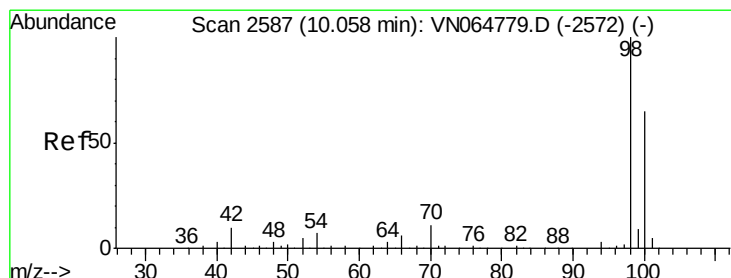
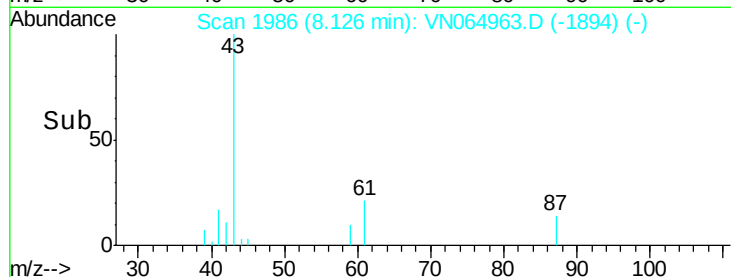
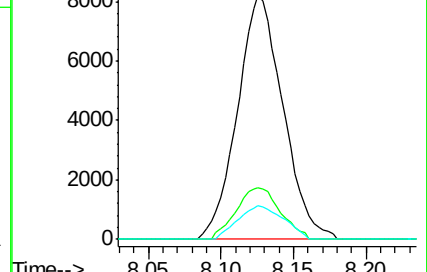
87 13.8 11.4 17.0



Abundance Ion 43.00 (42.70 to 43.70): VN064963.D (-1894) (-)

Ion 61.00 (60.70 to 61.70): VN064963.D (-1894) (-)

Ion 87.00 (86.70 to 87.70): VN064963.D (-1894) (-)



#50

Toluene-d8

Concen: 53.647 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN064963.D

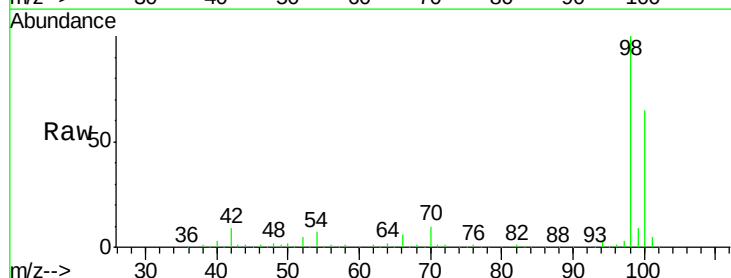
Acq: 8 Dec 2020 12:37

Tgt Ion: 98 Resp: 403224

Ion Ratio Lower Upper

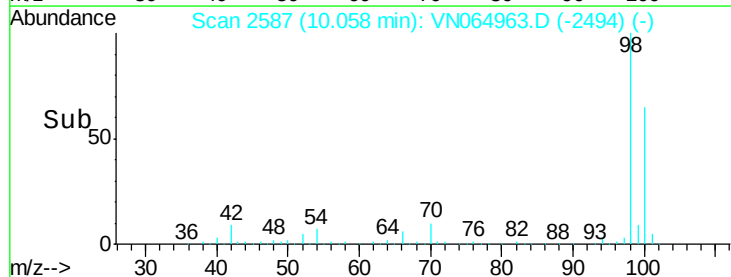
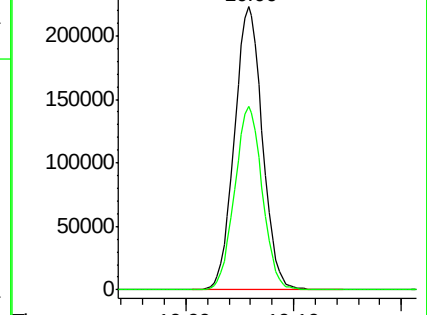
98 100

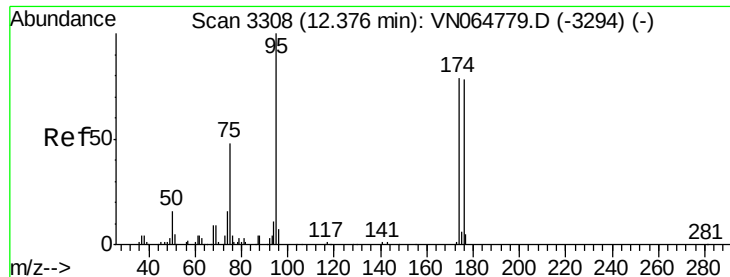
100 64.2 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN064963.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN064963.D (-2494) (-)

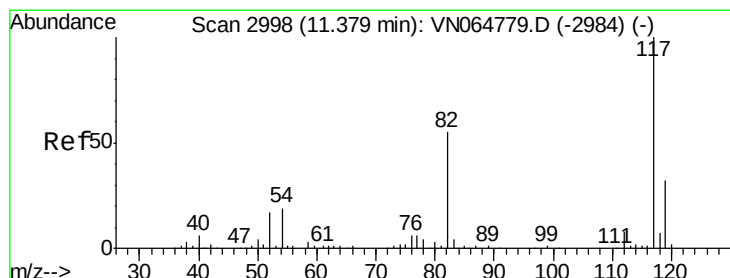
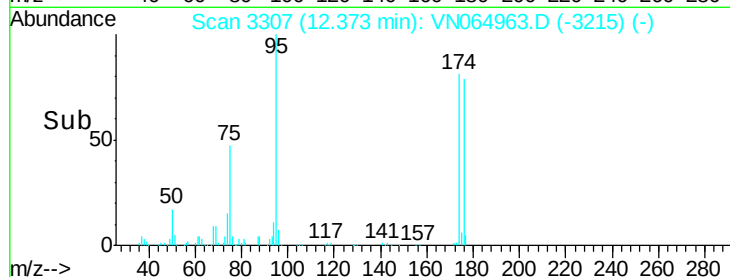
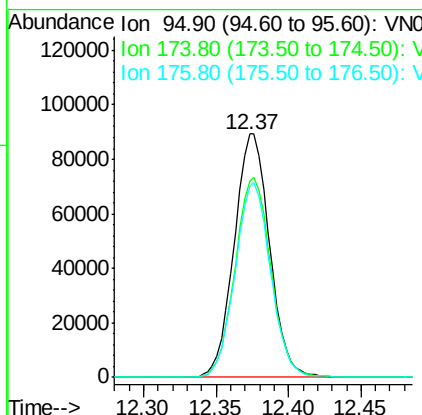
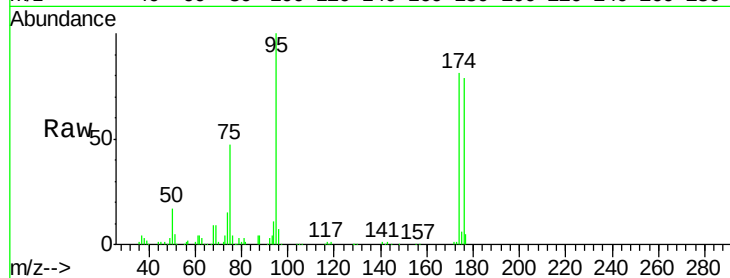




#62
4-Bromofluorobenzene
Concen: 56.435 ug/l
RT: 12.37 min Scan# 3307
Delta R.T. -0.00 min
Lab File: VN064963.D
Acq: 8 Dec 2020 12:37

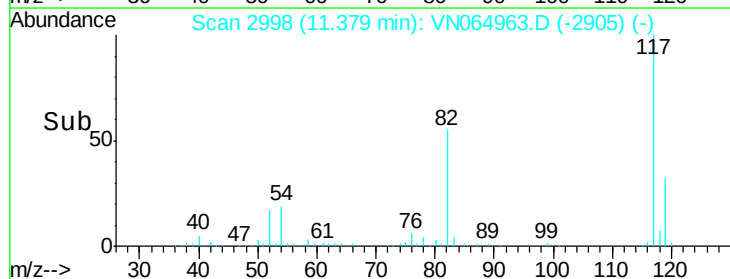
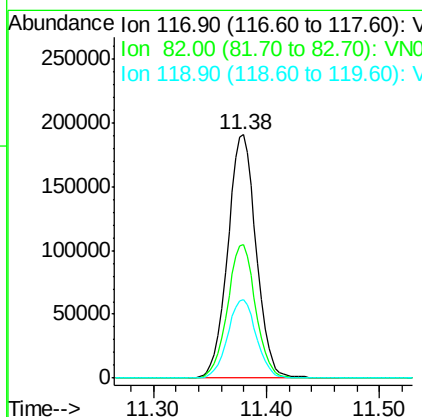
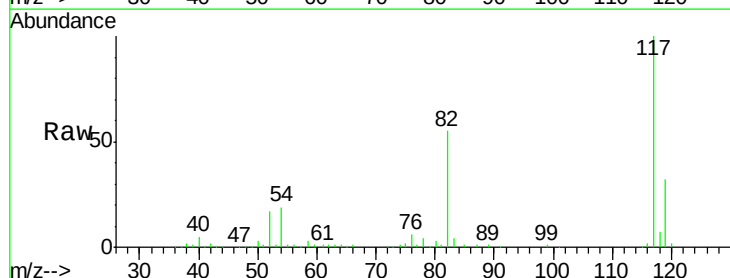
Instrument :
MSVOA_N
ClientSampleId :
PB133456TB

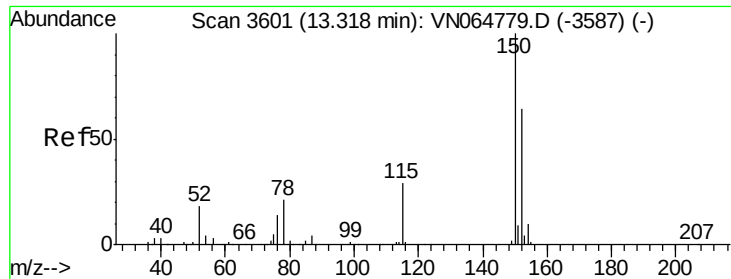
Tot Ion	Ratio	Lower	Upper
95	100		
174	83.3	0.0	160.4
176	80.1	0.0	158.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064963.D
Acq: 8 Dec 2020 12:37

Tgt Ion	Ratio	Lower	Upper
117	100		
82	54.6	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: VN064963.D

Acq: 8 Dec 2020 12:37

Instrument :

MSVOA_N

ClientSampleId :

PB133456TB

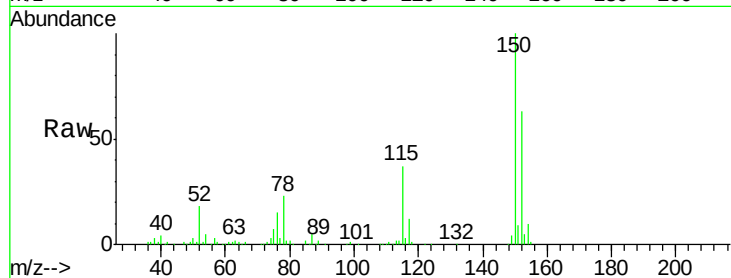
Tot Ion:152 Resp: 139991

Ion Ratio Lower Upper

152 100

115 58.6 29.7 89.1

150 158.3 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

