

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121020\
 Data File : VN065060.D
 Acq On : 11 Dec 2020 1:24
 Operator : JC/MD
 Sample : PB133501ZHE#08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB133501ZHE#08

Quant Time: Dec 11 04:36:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 10 16:04:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	163974	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	315103	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	340113	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	137460	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	110164	56.43	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	112.86%		
35) Dibromofluoromethane	7.54	113	98537	47.27	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	94.54%		
50) Toluene-d8	10.06	98	401628	50.22	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	100.44%		
62) 4-Bromofluorobenzene	12.37	95	149637	54.59	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	109.18%		

Target Compounds

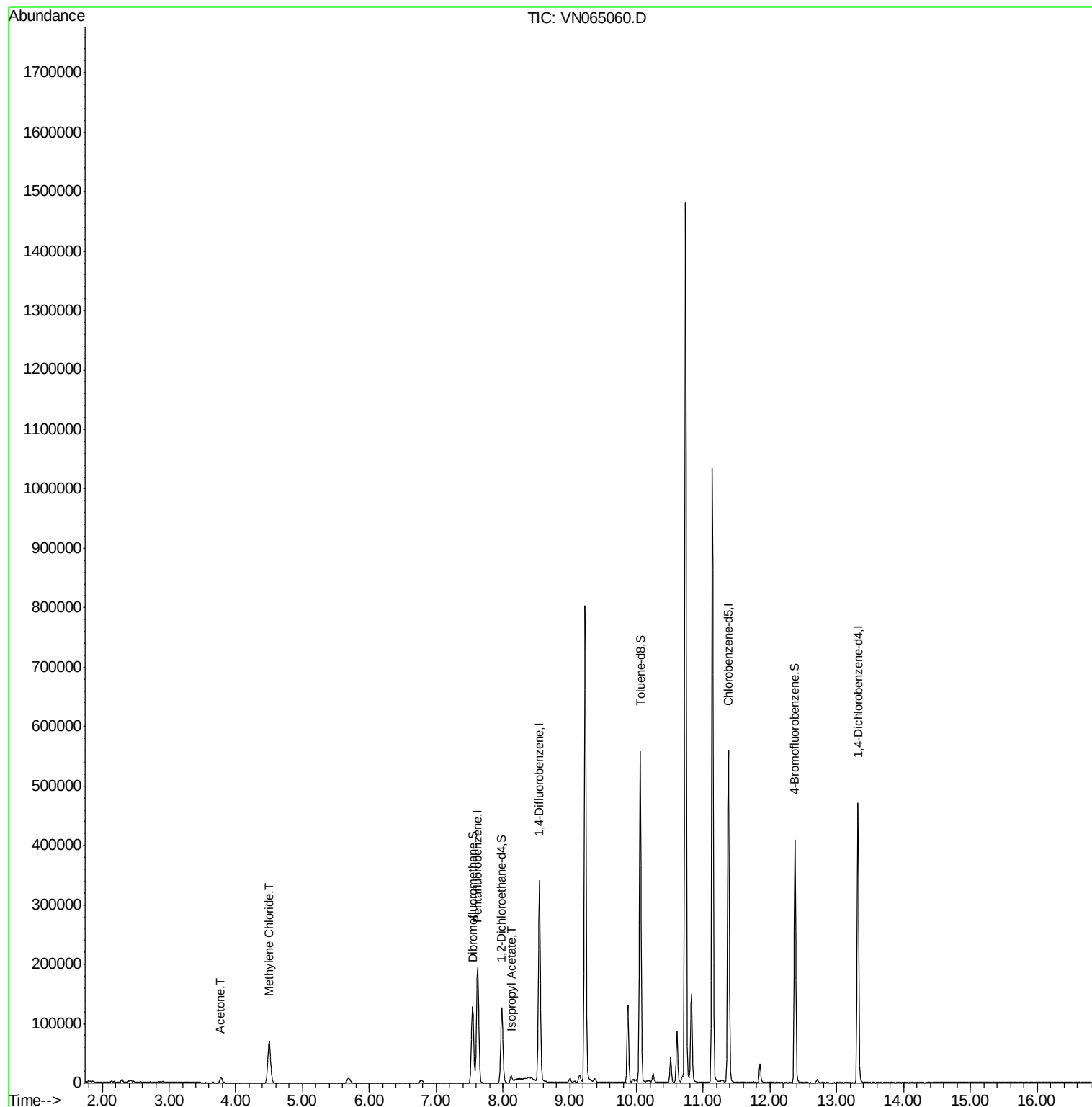
					Qvalue
16) Acetone	3.78	43	16077	23.218 ug/l	99
20) Methylene Chloride	4.50	84	54552	30.925 ug/l	99
43) Isopropyl Acetate	8.13	43	16120	3.968 ug/l #	90

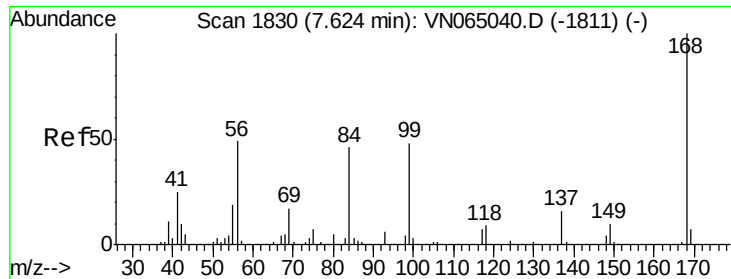
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Dec 10 16:04:22 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1829

Delta R.T. -0.00 min

Lab File: VN065060.D

Acq: 11 Dec 2020 1:24

Instrument :

MSVOA_N

ClientSampleId :

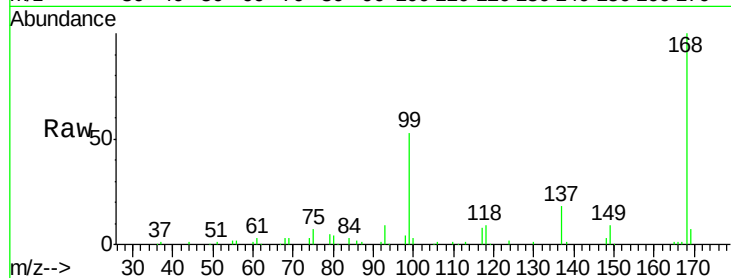
PB133501ZHE#08

Tot Ion:168 Resp: 163974

Ion Ratio Lower Upper

168 100

99 52.7 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): VN065060.D (-1737) (-)

Ion 98.90 (98.60 to 99.60): VN065060.D (-1737) (-)

7.62

80000

60000

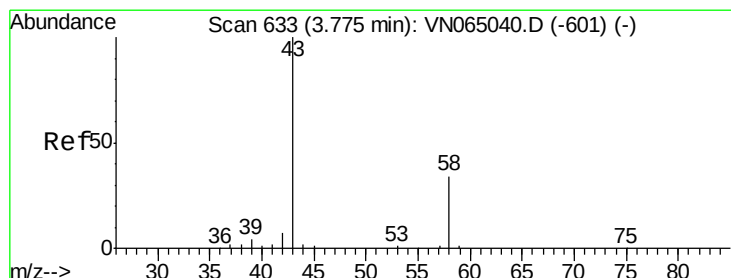
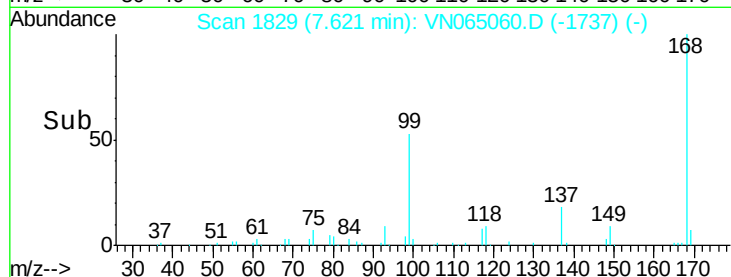
40000

20000

0

Time-->

7.50 7.55 7.60 7.65 7.70



#16

Acetone

Concen: 23.218 ug/l

RT: 3.78 min Scan# 633

Delta R.T. 0.00 min

Lab File: VN065060.D

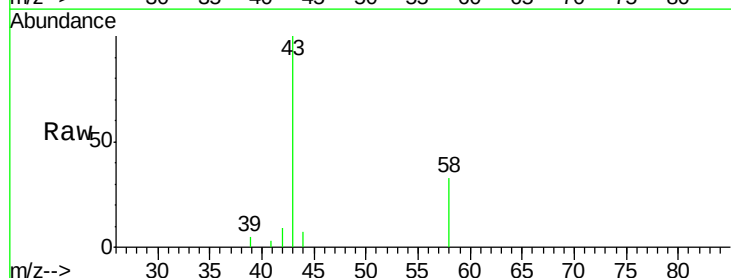
Acq: 11 Dec 2020 1:24

Tgt Ion: 43 Resp: 16077

Ion Ratio Lower Upper

43 100

58 33.2 26.8 40.2



Abundance Ion 43.00 (42.70 to 43.70): VN065060.D (-540) (-)

Ion 58.00 (57.70 to 58.70): VN065060.D (-540) (-)

3.78

6000

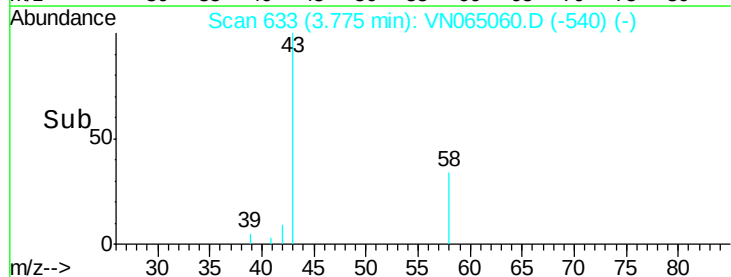
4000

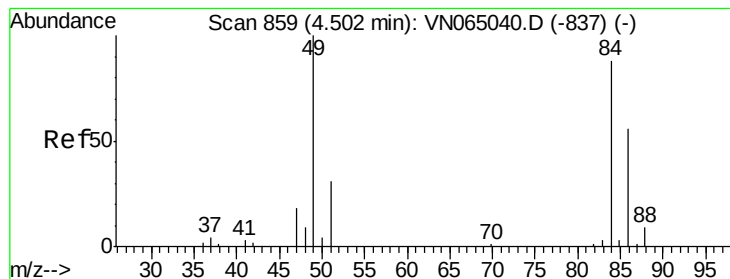
2000

0

Time-->

3.70 3.75 3.80 3.85





#20

Methylene Chloride

Concen: 30.925 ug/l

RT: 4.50 min Scan# 859

Delta R.T. 0.00 min

Lab File: VN065060.D

Acq: 11 Dec 2020 1:24

Instrument :

MSVOA_N

ClientSampleId :

PB133501ZHE#08

Tot Ion: 84 Resp: 54552

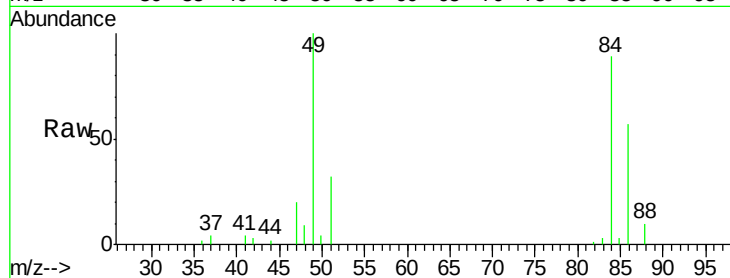
Ion Ratio Lower Upper

84 100

49 111.7 90.8 136.2

51 36.1 28.1 42.1

86 63.3 51.3 76.9

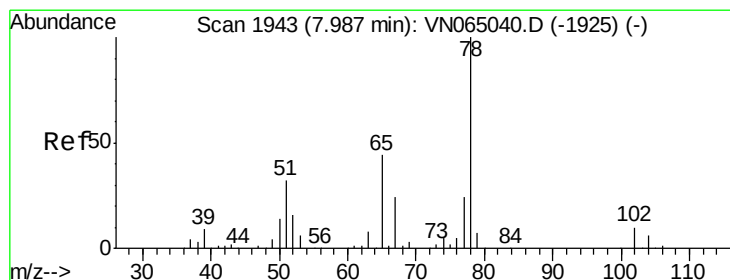
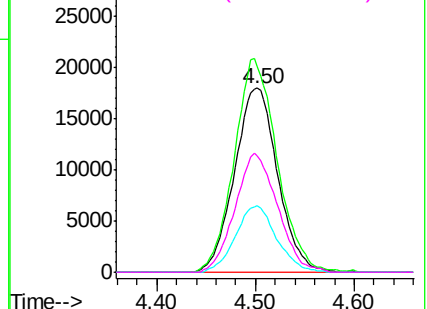
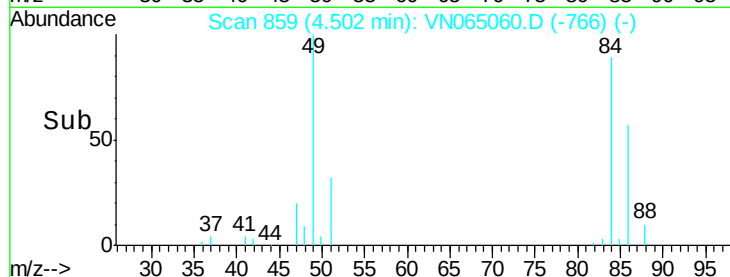


Abundance Ion 83.90 (83.60 to 84.60): VN0

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: 56.429 ug/l

RT: 7.98 min Scan# 1942

Delta R.T. -0.00 min

Lab File: VN065060.D

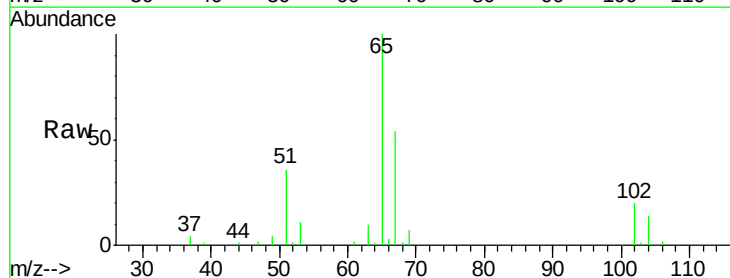
Acq: 11 Dec 2020 1:24

Tgt Ion: 65 Resp: 110164

Ion Ratio Lower Upper

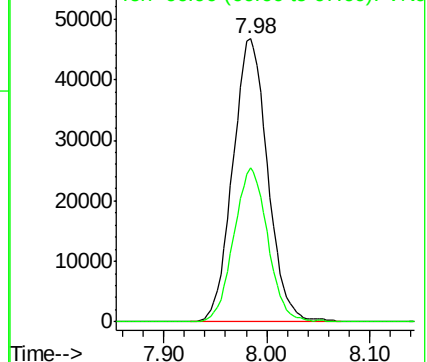
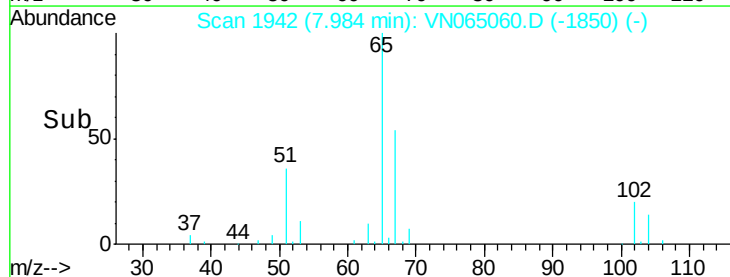
65 100

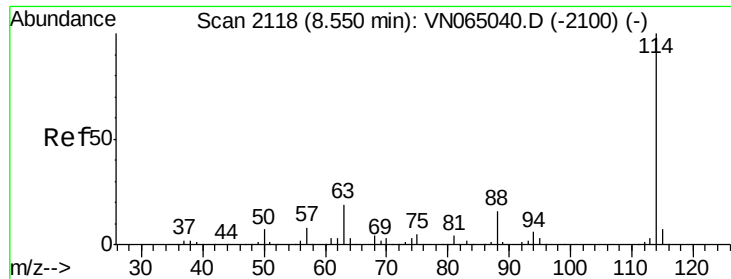
67 52.7 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

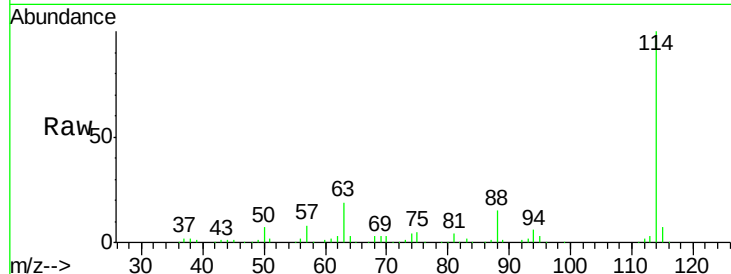




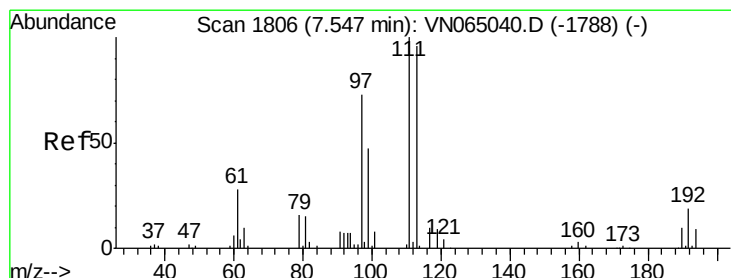
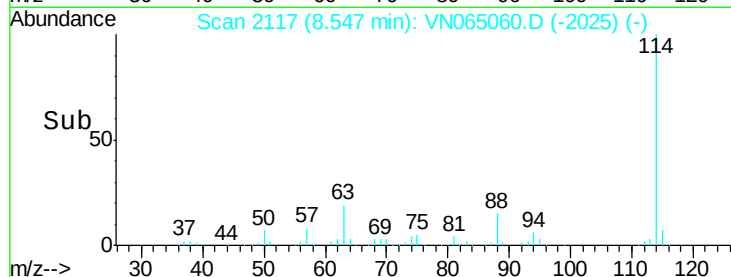
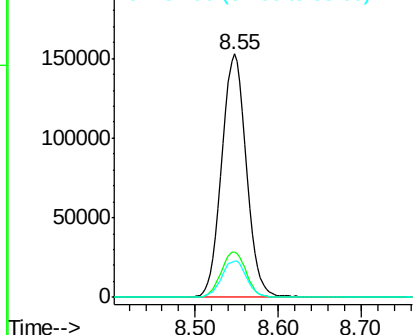
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VN065060.D
 Acq: 11 Dec 2020 1:24

Instrument :
 MSVOA_N
 ClientSampleId :
 PB133501ZHE#08

Tot Ion	Ratio	Lower	Upper
114	100		
63	18.7	0.0	38.2
88	14.9	0.0	31.6

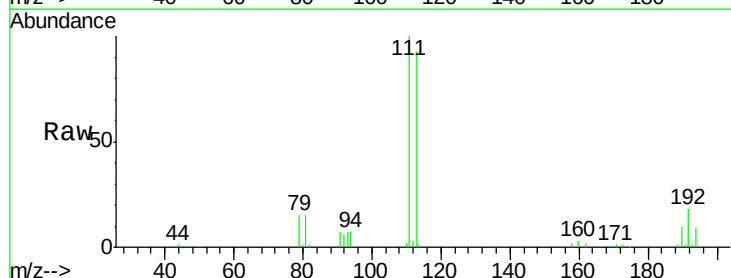


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

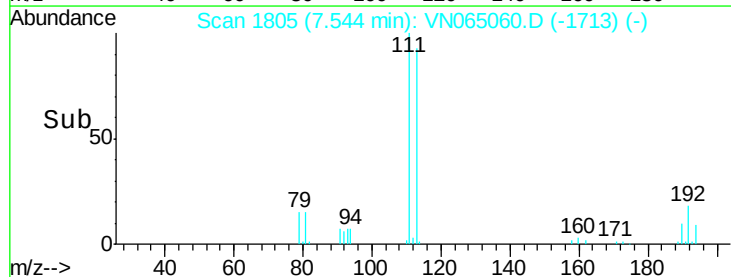
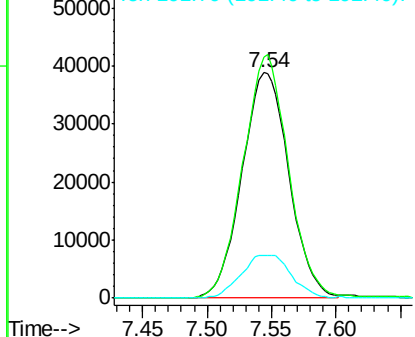


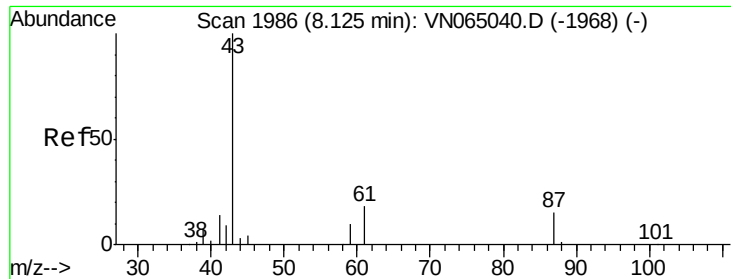
#35
 Dibromofluoromethane
 Concen: 47.269 ug/l
 RT: 7.54 min Scan# 1805
 Delta R.T. -0.00 min
 Lab File: VN065060.D
 Acq: 11 Dec 2020 1:24

Tgt Ion	Ratio	Lower	Upper
113	100		
111	105.1	83.4	125.0
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: 3.968 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VN065060.D

Acq: 11 Dec 2020 1:24

Instrument :

MSVOA_N

ClientSampleId :

PB133501ZHE#08

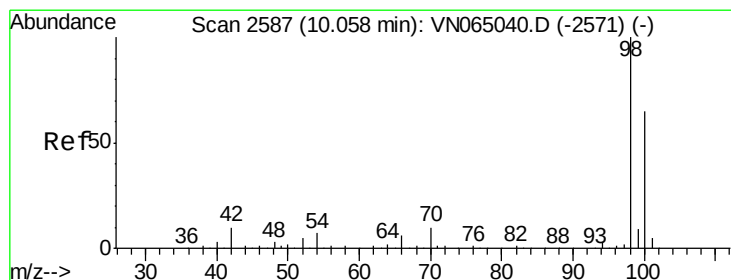
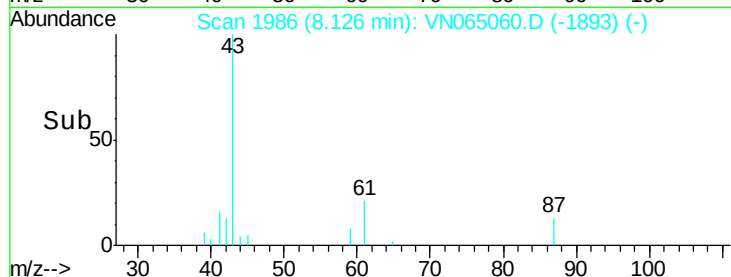
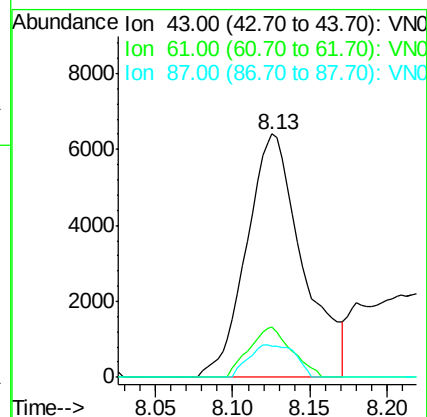
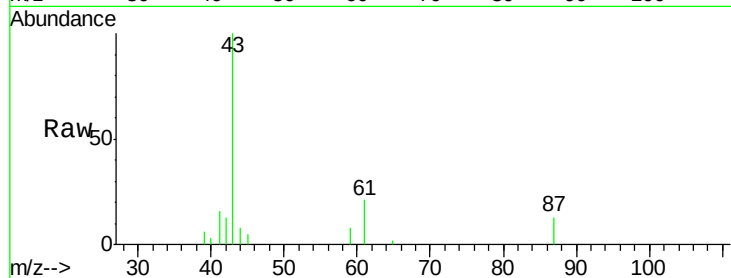
Tot Ion: 43 Resp: 16120

Ion Ratio Lower Upper

43 100

61 15.6 16.9 25.3#

87 11.0 11.4 17.2#



#50

Toluene-d8

Concen: 50.219 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN065060.D

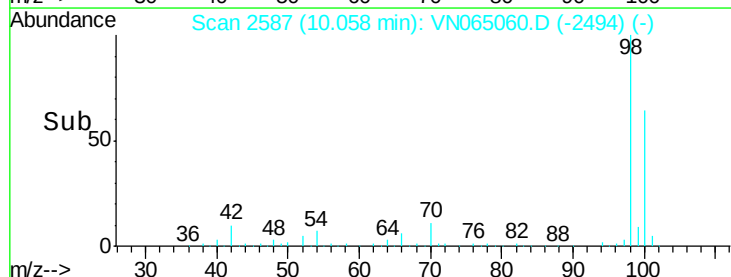
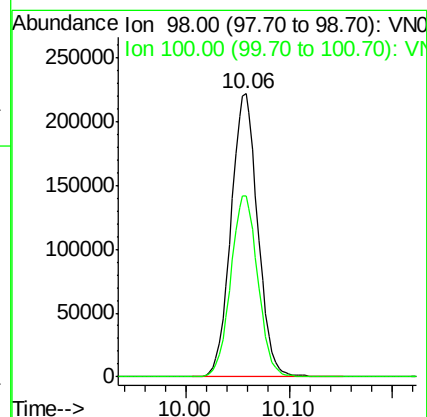
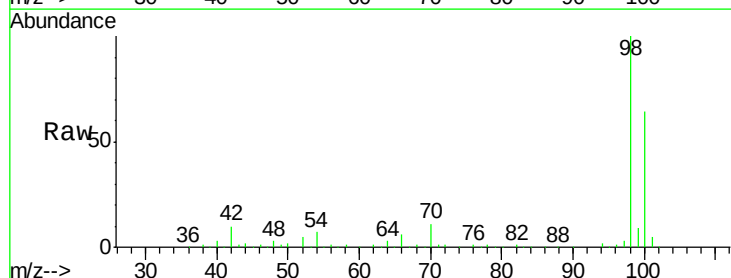
Acq: 11 Dec 2020 1:24

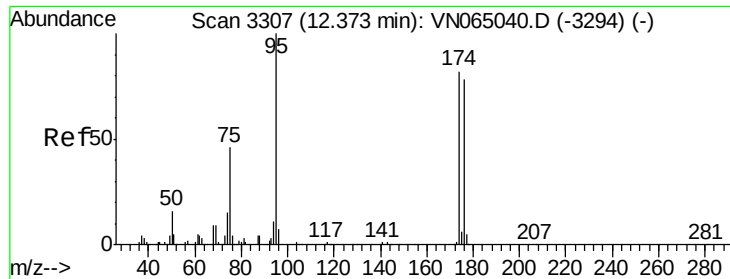
Tgt Ion: 98 Resp: 401628

Ion Ratio Lower Upper

98 100

100 64.6 51.6 77.4

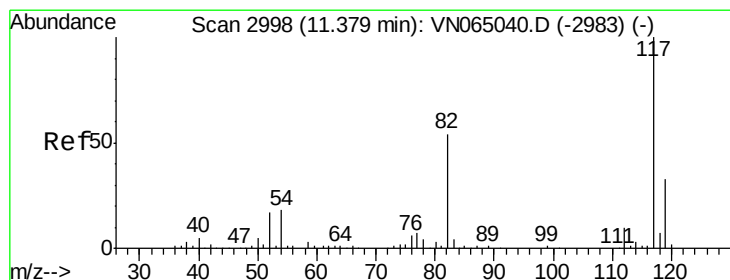
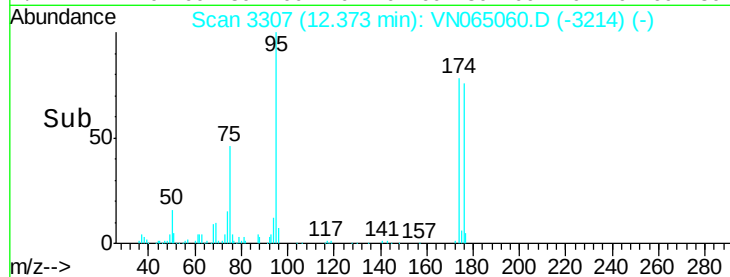
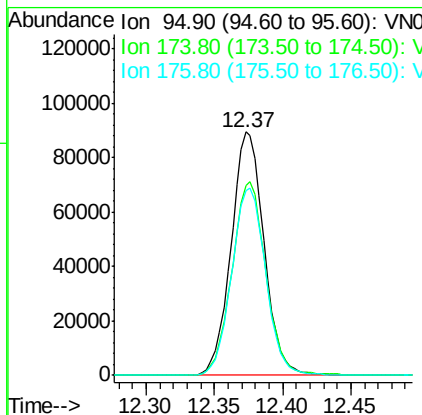
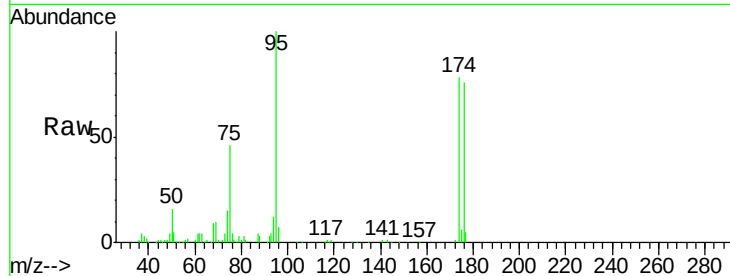




#62
4-Bromofluorobenzene
Concen: 54.589 ug/l
RT: 12.37 min Scan# 3307
Delta R.T. 0.00 min
Lab File: VN065060.D
Acq: 11 Dec 2020 1:24

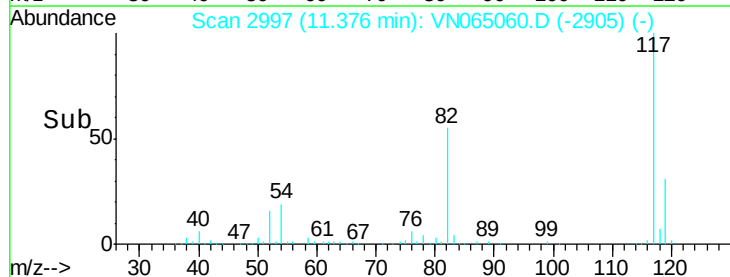
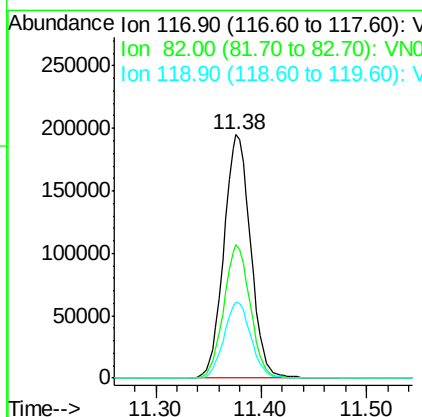
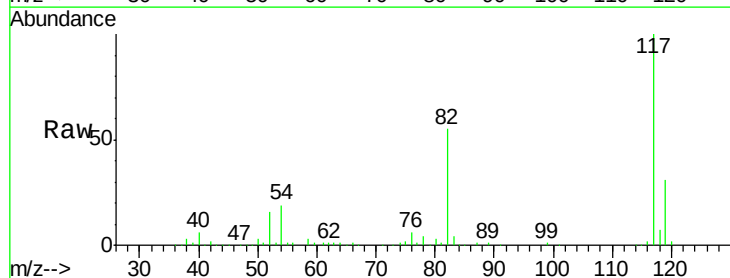
Instrument :
MSVOA_N
ClientSampleId :
PB133501ZHE#08

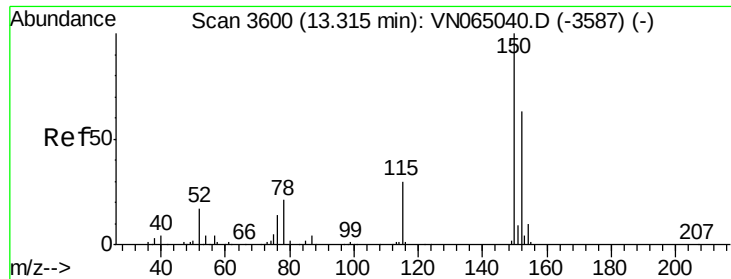
Tot Ion	95	Resp	149637
Ion Ratio	100		
Lower			
Upper			
174	82.2	0.0	164.8
176	79.6	0.0	158.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2997
Delta R.T. -0.00 min
Lab File: VN065060.D
Acq: 11 Dec 2020 1:24

Tgt Ion	117	Resp	340113
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower			
Upper			
82	54.8	43.5	65.3
119	31.1	26.4	39.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN065060.D

Acq: 11 Dec 2020 1:24

Instrument :

MSVOA_N

ClientSampleId :

PB133501ZHE#08

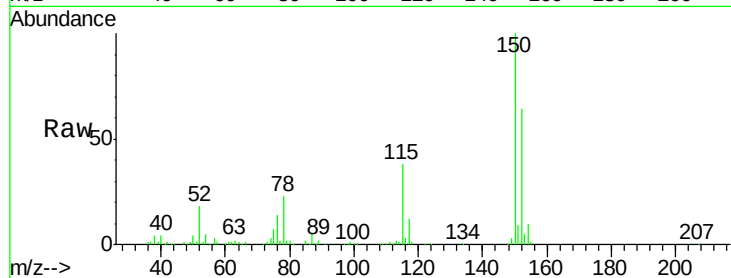
Tot Ion:152 Resp: 137460

Ion Ratio Lower Upper

152 100

115 59.8 29.3 88.0

150 156.1 0.0 345.8



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

