

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121020\
 Data File : VN065067.D
 Acq On : 11 Dec 2020 4:13
 Operator : JC/MD
 Sample : PB133501ZHE#15
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB133501ZHE#15

Quant Time: Dec 11 05:04:11 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	7.63	168	152348	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	294398	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	315212	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	125449	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	102885	56.72	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	113.44%		
35) Dibromofluoromethane	7.55	113	95017	48.79	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	97.58%		
50) Toluene-d8	10.06	98	374638	50.14	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	100.28%		
62) 4-Bromofluorobenzene	12.38	95	137535	53.70	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	107.40%		

Target Compounds

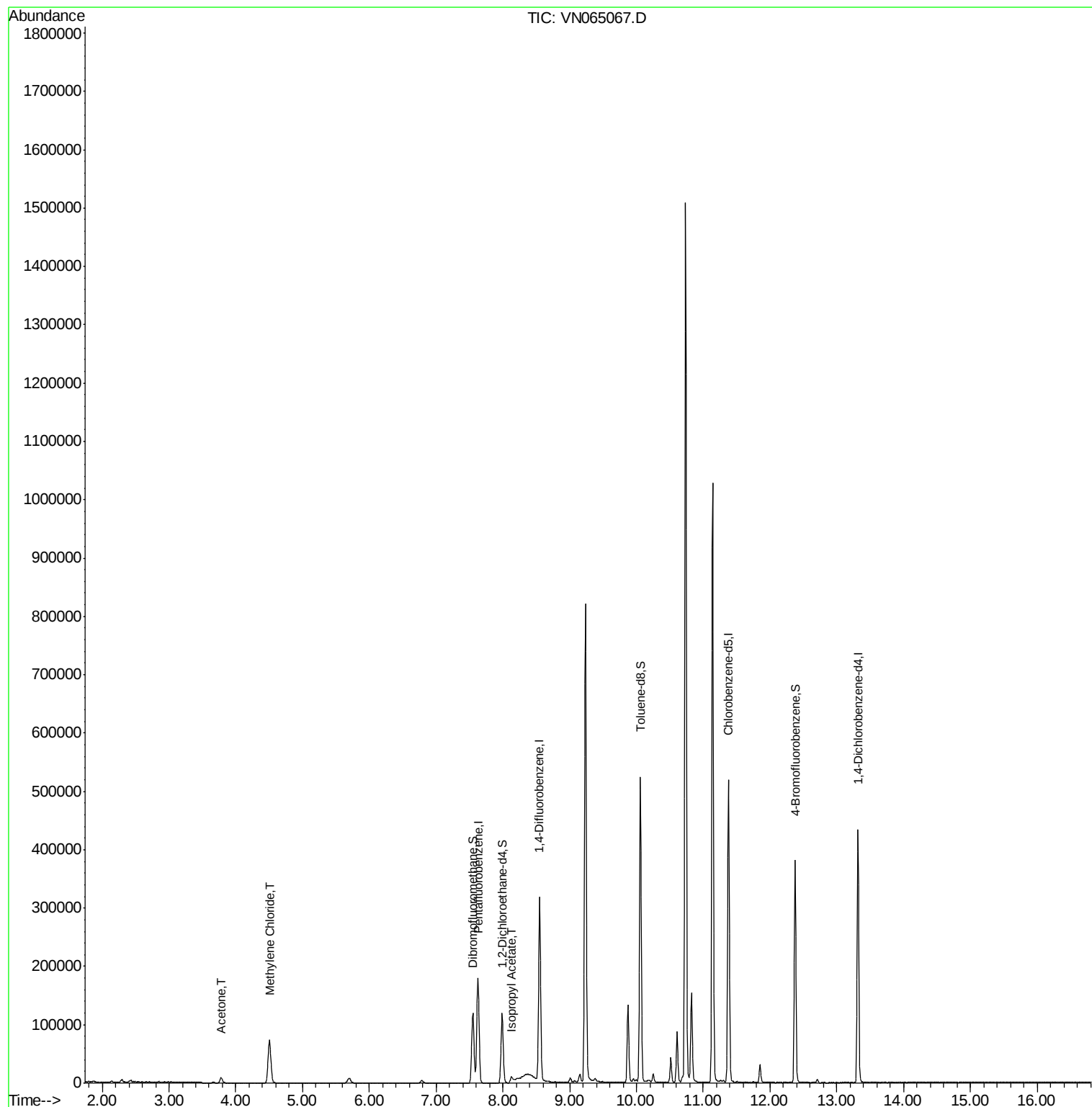
					Qvalue
16) Acetone	3.78	43	16537	25.705 ug/l	94
20) Methylene Chloride	4.51	84	57150	34.870 ug/l	96
43) Isopropyl Acetate	8.13	43	16103	4.243 ug/l #	80

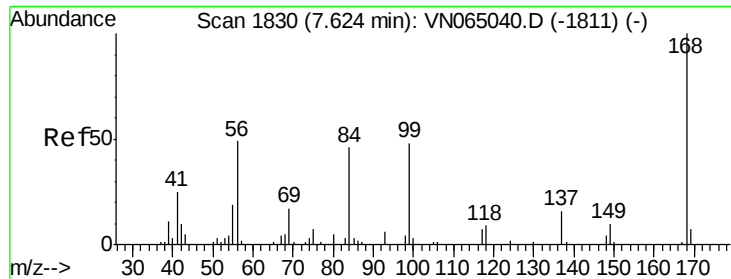
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Dec 10 16:04:22 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN065067.D

Acq: 11 Dec 2020 4:13

Instrument :

MSVOA_N

ClientSampleId :

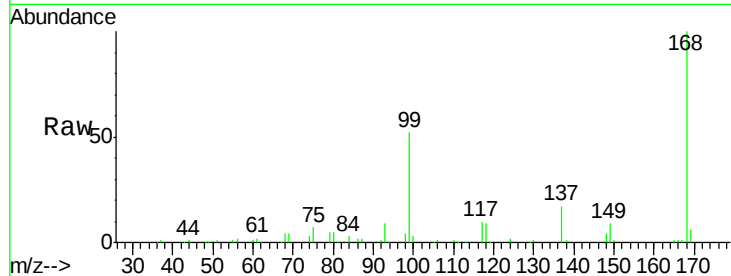
PB133501ZHE#15

Tot Ion:168 Resp: 152348

Ion Ratio Lower Upper

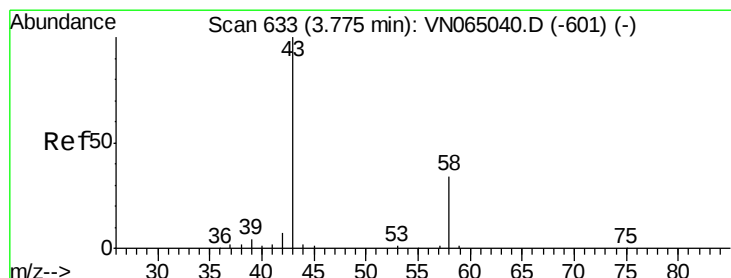
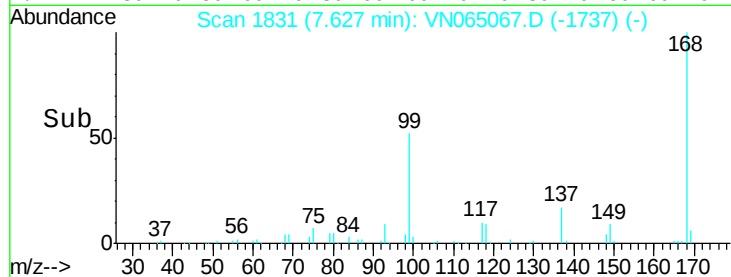
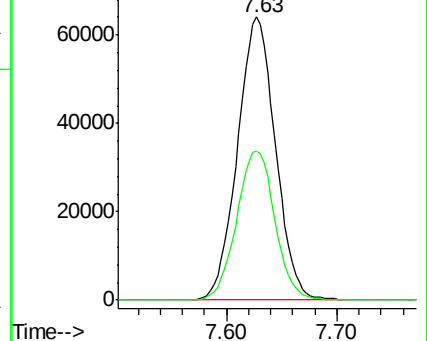
168 100

99 52.4 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 25.705 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.00 min

Lab File: VN065067.D

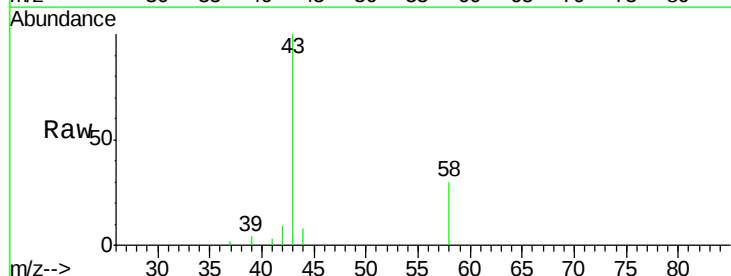
Acq: 11 Dec 2020 4:13

Tgt Ion: 43 Resp: 16537

Ion Ratio Lower Upper

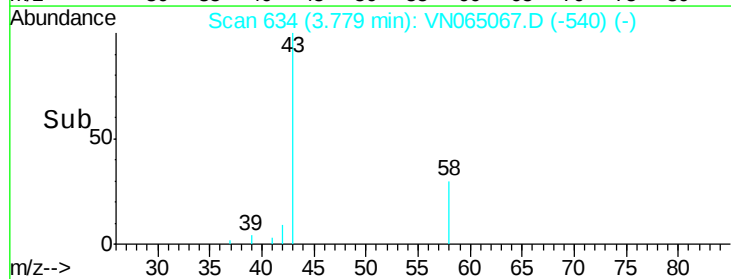
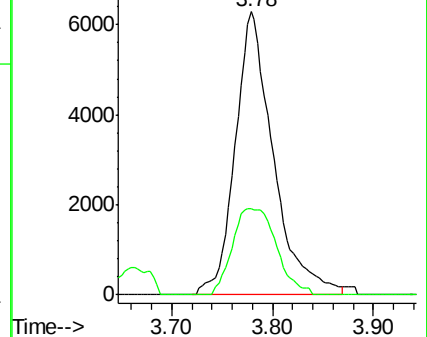
43 100

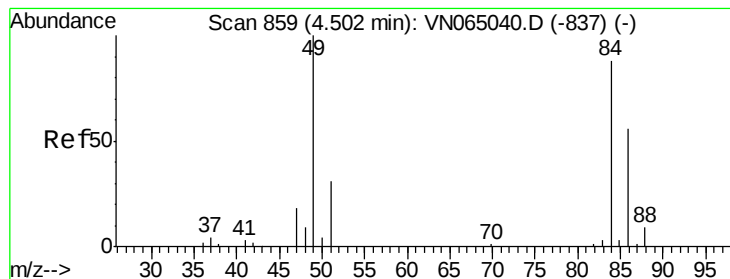
58 30.3 26.8 40.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#20

Methylene Chloride

Concen: 34.870 ug/l

RT: 4.51 min Scan# 860

Delta R.T. 0.00 min

Lab File: VN065067.D

Acq: 11 Dec 2020 4:13

Instrument :

MSVOA_N

ClientSampleId :

PB133501ZHE#15

Tot Ion: 84 Resp: 57150

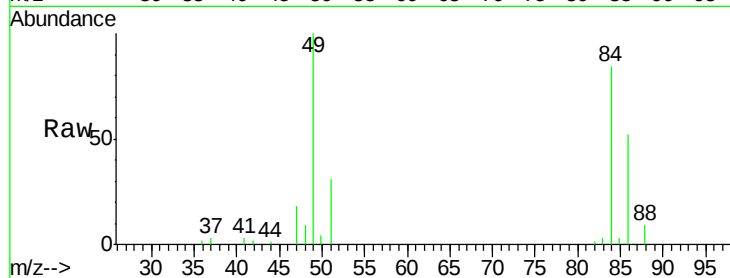
Ion Ratio Lower Upper

84 100

49 119.6 90.8 136.2

51 37.3 28.1 42.1

86 62.5 51.3 76.9

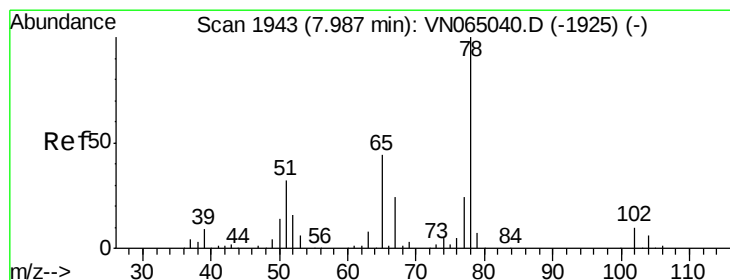
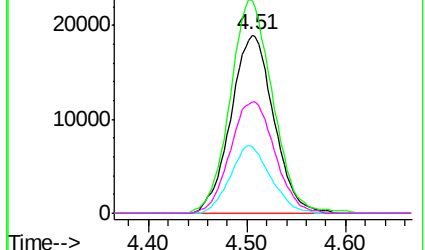
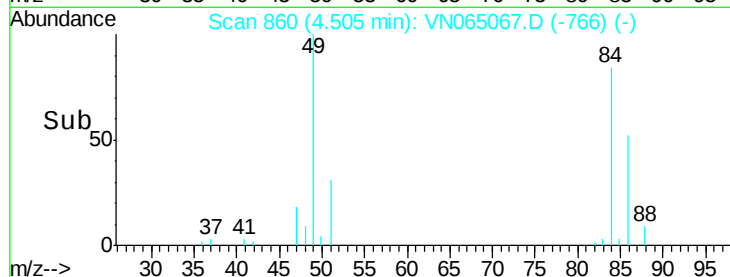


Abundance Ion 83.90 (83.60 to 84.60): VN0

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: 56.723 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN065067.D

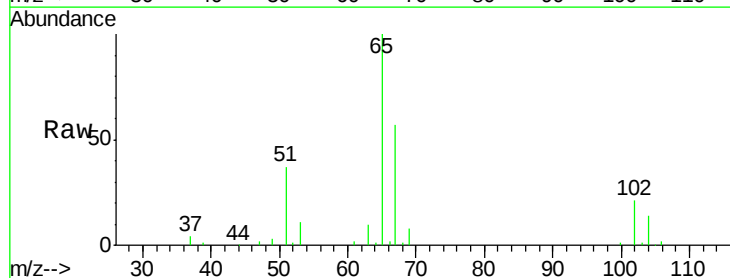
Acq: 11 Dec 2020 4:13

Tgt Ion: 65 Resp: 102885

Ion Ratio Lower Upper

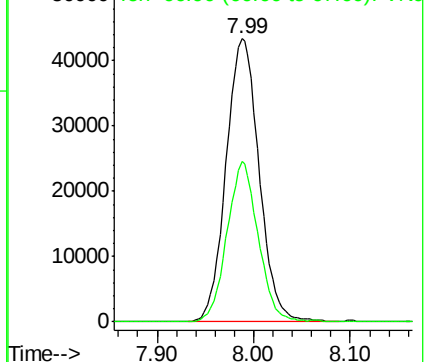
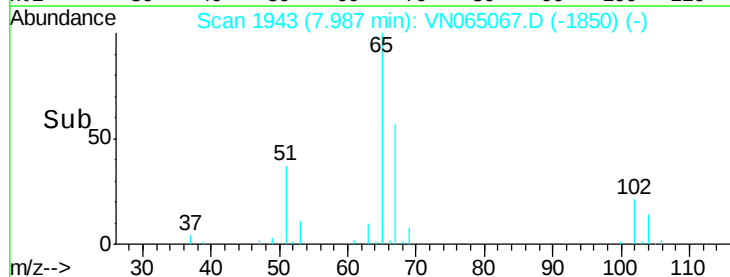
65 100

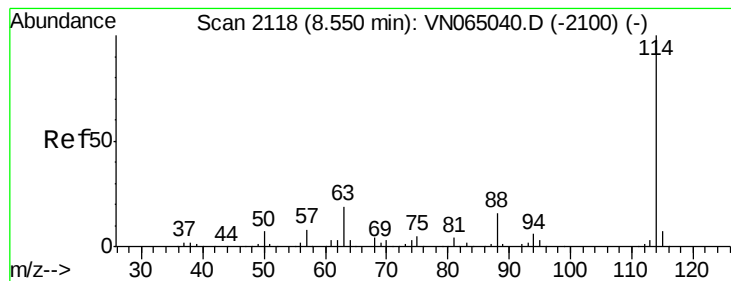
67 53.4 0.0 108.4



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# 2118

Delta R.T. 0.00 min

Lab File: VN065067.D

Acq: 11 Dec 2020 4:13

Instrument :

MSVOA_N

ClientSampleId :

PB133501ZHE#15

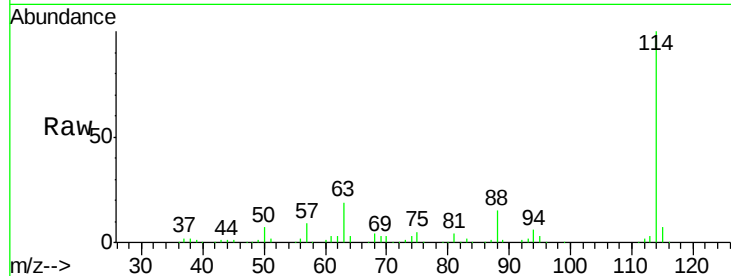
Tot Ion:114 Resp: 294398

Ion Ratio Lower Upper

114 100

63 18.9 0.0 38.2

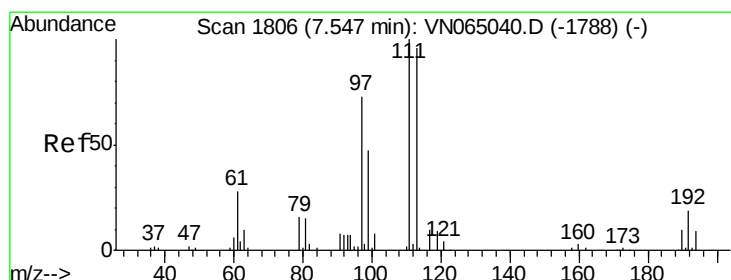
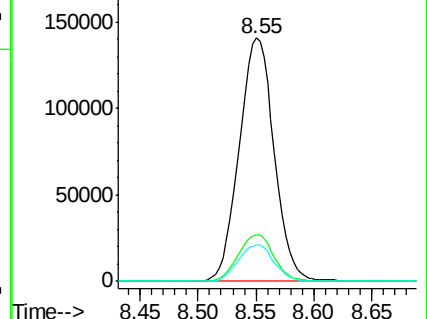
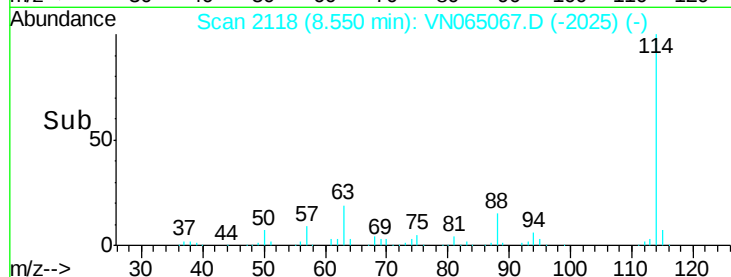
88 15.1 0.0 31.6



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: 48.786 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN065067.D

Acq: 11 Dec 2020 4:13

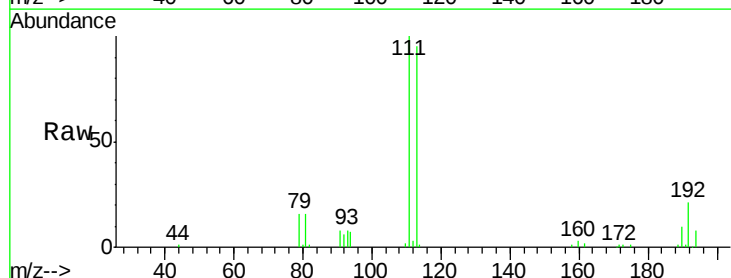
Tgt Ion:113 Resp: 95017

Ion Ratio Lower Upper

113 100

111 102.3 83.4 125.0

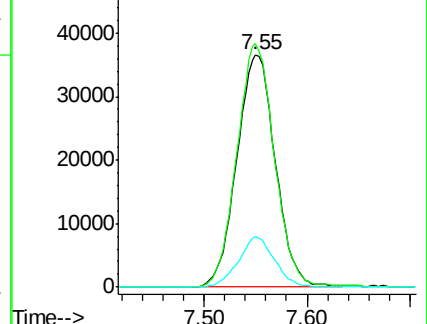
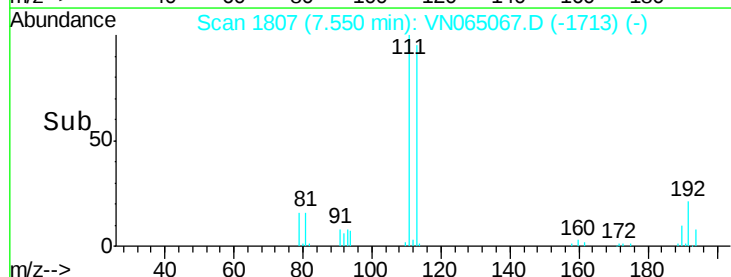
192 20.2 16.2 24.2

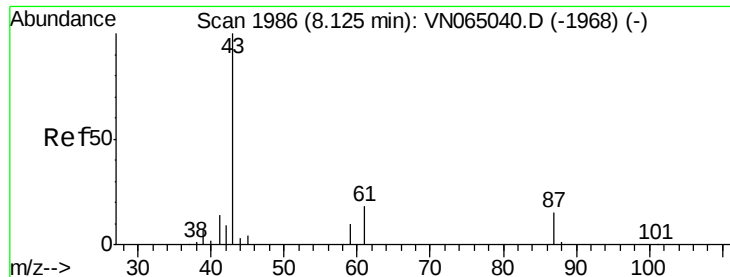


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 4.243 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VN065067.D

Acq: 11 Dec 2020 4:13

Instrument :

MSVOA_N

ClientSampleId :

PB133501ZHE#15

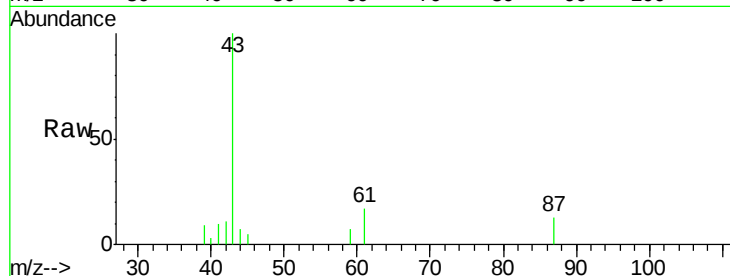
Tot Ion: 43 Resp: 16103

Ion Ratio Lower Upper

43 100

61 8.5 16.9 25.3#

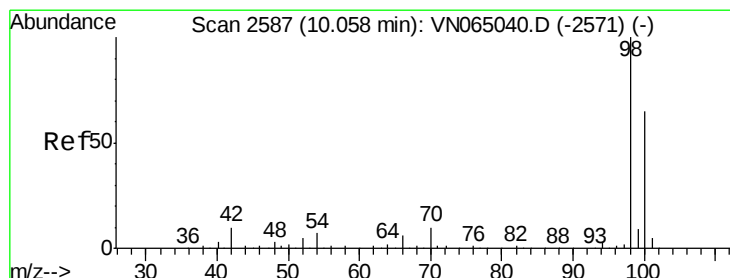
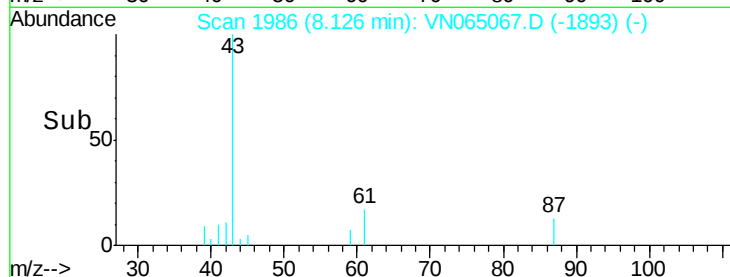
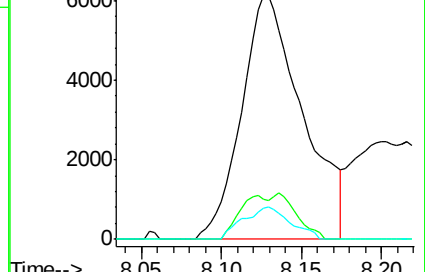
87 10.2 11.4 17.2#



Abundance Ion 43.00 (42.70 to 43.70): VN065040.D (-1968) (-)

Ion 61.00 (60.70 to 61.70): VN065040.D (-1968) (-)

Ion 87.00 (86.70 to 87.70): VN065040.D (-1968) (-)



#50

Toluene-d8

Concen: 50.139 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN065067.D

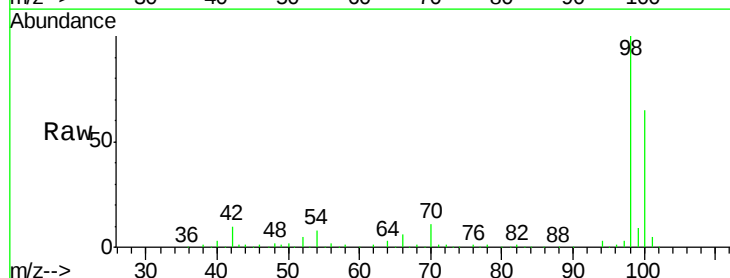
Acq: 11 Dec 2020 4:13

Tgt Ion: 98 Resp: 374638

Ion Ratio Lower Upper

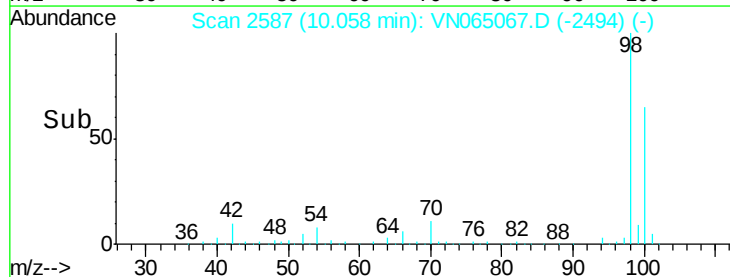
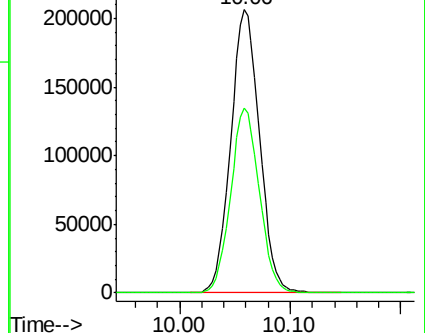
98 100

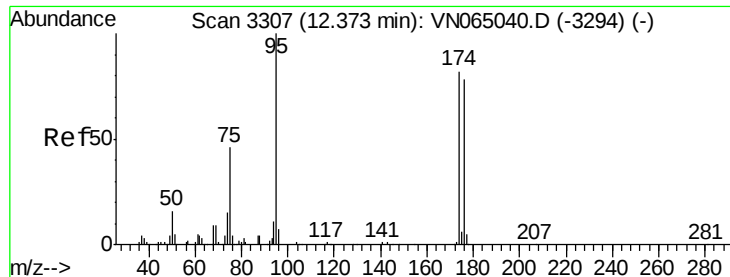
100 64.9 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VN065040.D (-2571) (-)

Ion 100.00 (99.70 to 100.70): VN065040.D (-2571) (-)





#62

4-Bromofluorobenzene

Concen: 53.702 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN065067.D

Acq: 11 Dec 2020 4:13

Instrument :

MSVOA_N

ClientSampleId :

PB133501ZHE#15

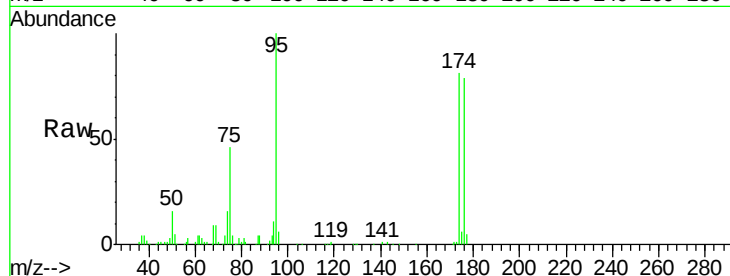
Tot Ion: 95 Resp: 137535

Ion Ratio Lower Upper

95 100

174 82.8 0.0 164.8

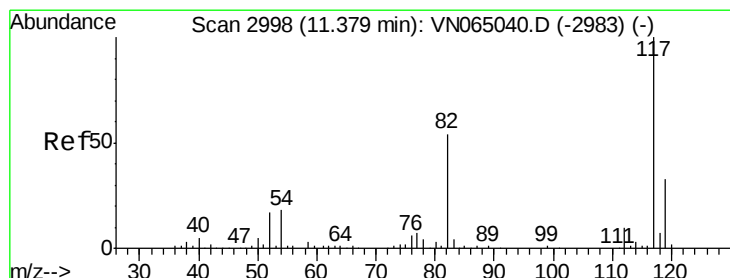
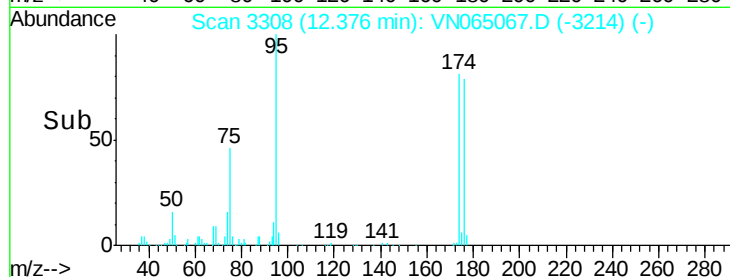
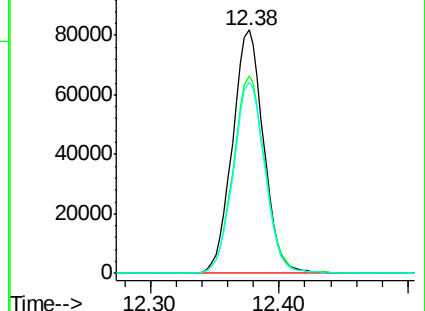
176 79.3 0.0 158.8



Abundance Ion 94.90 (94.60 to 95.60): VN065040.D (-3294) (-)

Ion 173.80 (173.50 to 174.50): VN065040.D (-3294) (-)

Ion 175.80 (175.50 to 176.50): VN065040.D (-3294) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. 0.00 min

Lab File: VN065067.D

Acq: 11 Dec 2020 4:13

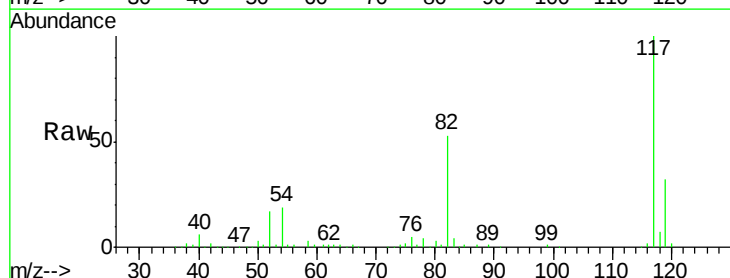
Tgt Ion: 117 Resp: 315212

Ion Ratio Lower Upper

117 100

82 53.3 43.5 65.3

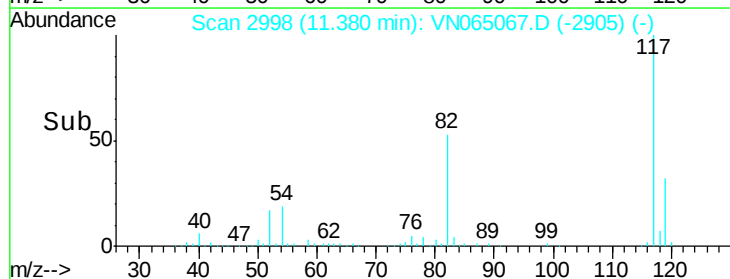
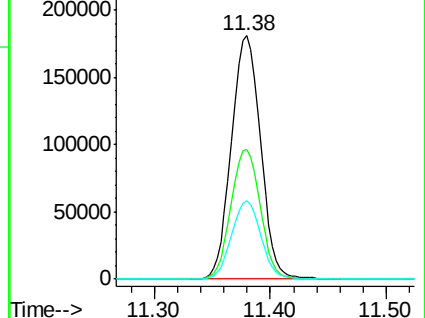
119 32.3 26.4 39.6

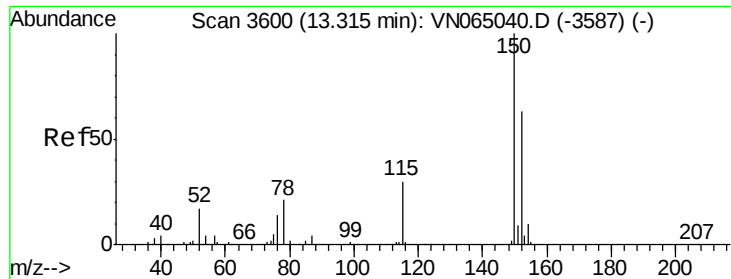


Abundance Ion 116.90 (116.60 to 117.60): VN065040.D (-2983) (-)

Ion 82.00 (81.70 to 82.70): VN065040.D (-2983) (-)

Ion 118.90 (118.60 to 119.60): VN065040.D (-2983) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN065067.D

Acq: 11 Dec 2020 4:13

Instrument :

MSVOA_N

ClientSampleId :

PB133501ZHE#15

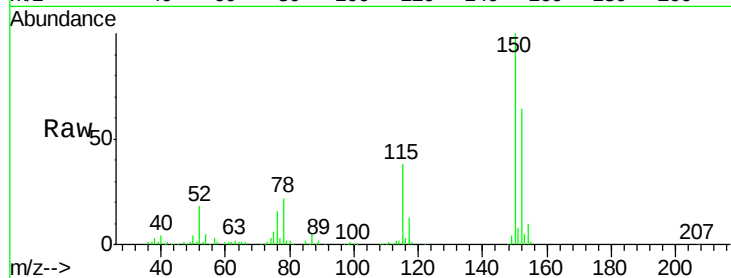
Tot Ion:152 Resp: 125449

Ion Ratio Lower Upper

152 100

115 59.2 29.3 88.0

150 157.6 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

