

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121020\
 Data File : VN065059.D
 Acq On : 11 Dec 2020 00:47
 Operator : JC/MD
 Sample : PB133501ZHE#07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB133501ZHE#07

Quant Time: Dec 11 04:35:01 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	170293	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.54	114	322483	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	345948	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	145474	50.00	ug/l	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4		7.98	65	109682	54.10	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	108.20%	
35) Dibromofluoromethane		7.54	113	102513	48.05	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	96.10%	
50) Toluene-d8		10.05	98	415729	50.79	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	101.58%	
62) 4-Bromofluorobenzene		12.37	95	152838	54.48	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	108.96%	

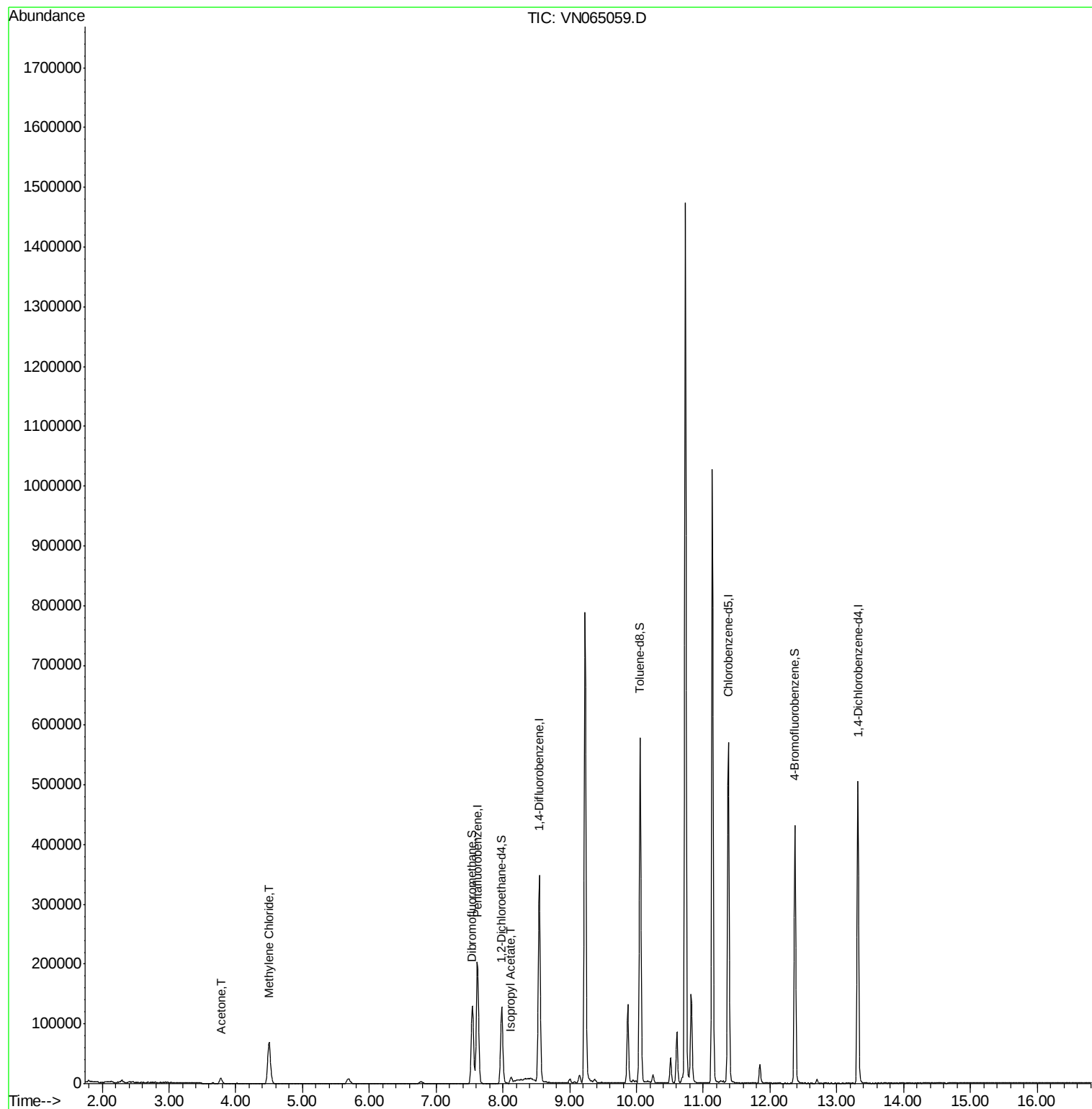
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.78	43	16091	22.376	ug/l	99
20) Methylene Chloride	4.50	84	55291	30.181	ug/l	99
43) Isopropyl Acetate	8.12	43	14963	3.599	ug/l	94

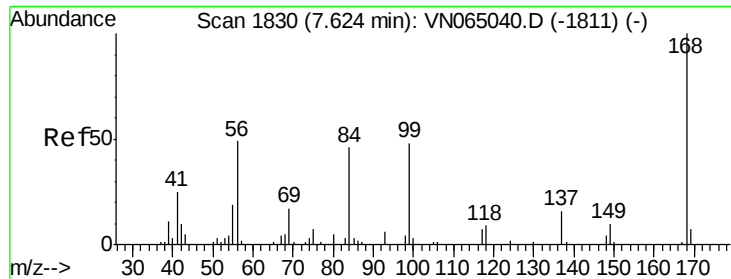
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN121020\
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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# 1828

Delta R.T. -0.01 min

Lab File: VN065059.D

Acq: 11 Dec 2020 00:47

Instrument :

MSVOA_N

ClientSampleId :

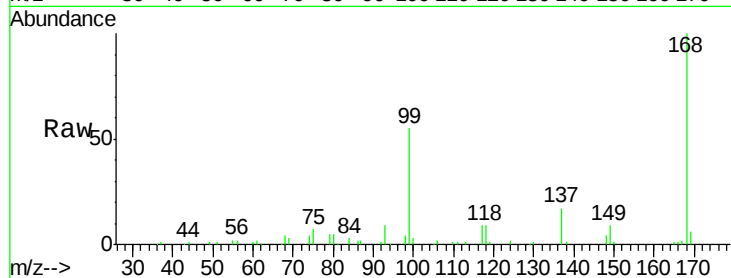
PB133501ZHE#07

Tot Ion:168 Resp: 170293

Ion Ratio Lower Upper

168 100

99 54.7 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.62

80000

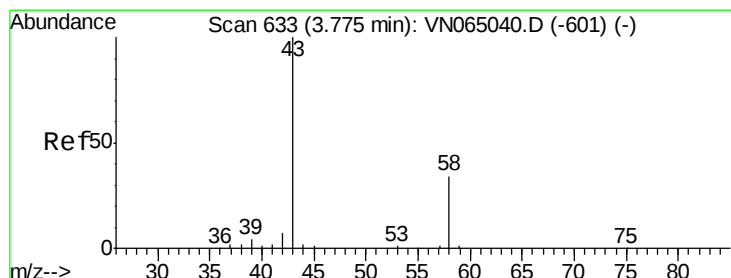
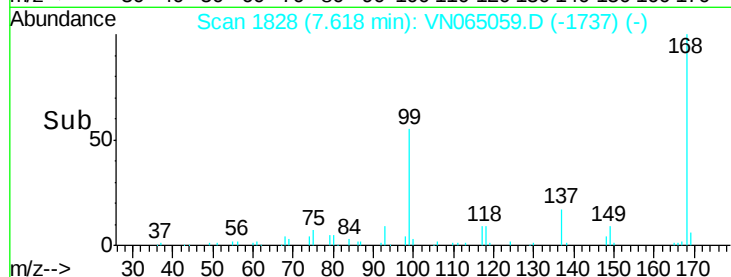
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 22.376 ug/l

RT: 3.78 min Scan# 633

Delta R.T. 0.00 min

Lab File: VN065059.D

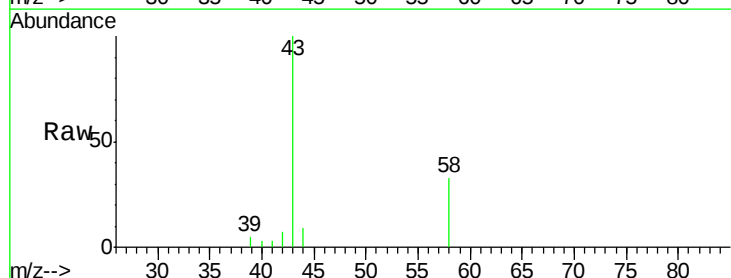
Acq: 11 Dec 2020 00:47

Tgt Ion: 43 Resp: 16091

Ion Ratio Lower Upper

43 100

58 32.9 26.8 40.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.78

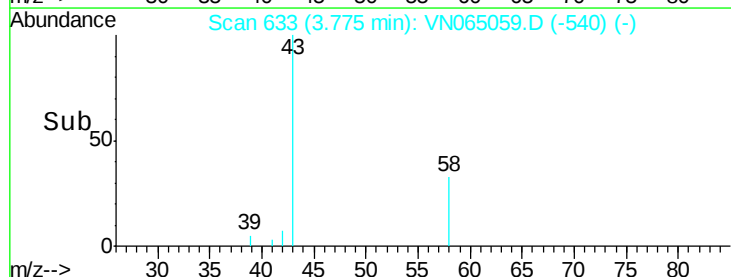
6000

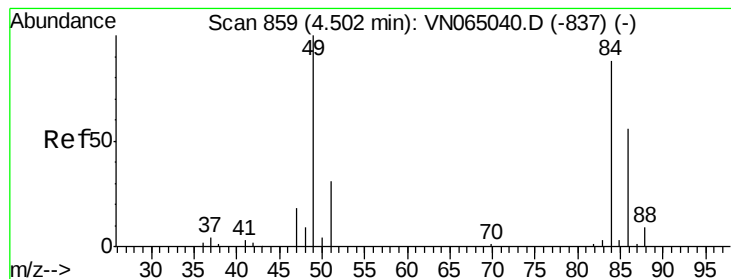
4000

2000

0

Time-->





#20

Methylene Chloride

Concen: 30.181 ug/l

RT: 4.50 min Scan# 857

Delta R.T. -0.01 min

Lab File: VN065059.D

Acq: 11 Dec 2020 00:47

Instrument :

MSVOA_N

ClientSampleId :

PB133501ZHE#07

Tot Ion: 84 Resp: 55291

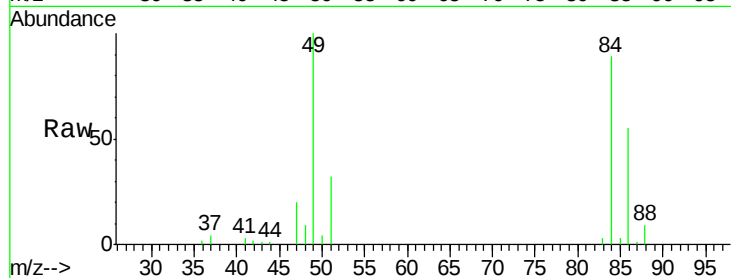
Ion Ratio Lower Upper

84 100

49 113.0 90.8 136.2

51 36.0 28.1 42.1

86 61.8 51.3 76.9



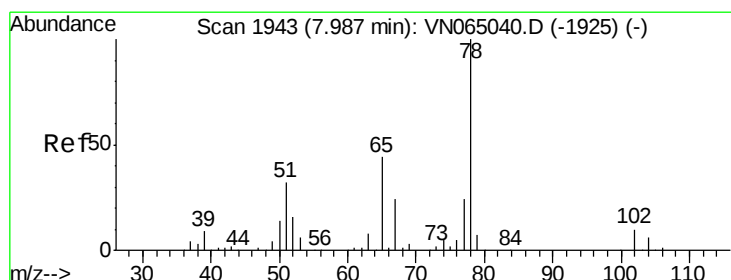
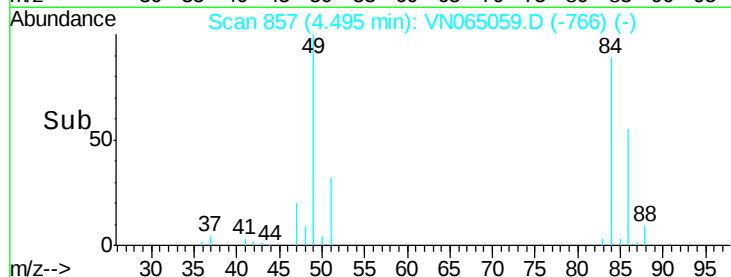
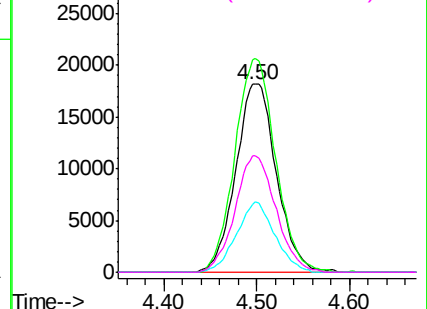
Abundance

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: 54.098 ug/l

RT: 7.98 min Scan# 1941

Delta R.T. -0.01 min

Lab File: VN065059.D

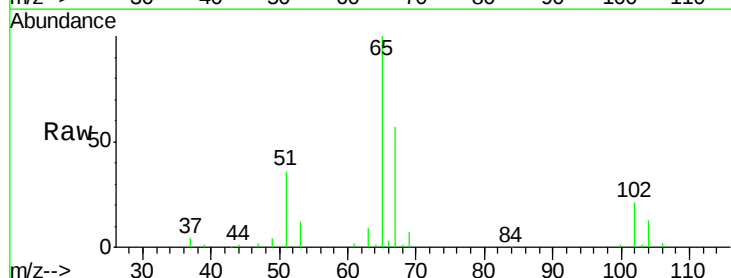
Acq: 11 Dec 2020 00:47

Tgt Ion: 65 Resp: 109682

Ion Ratio Lower Upper

65 100

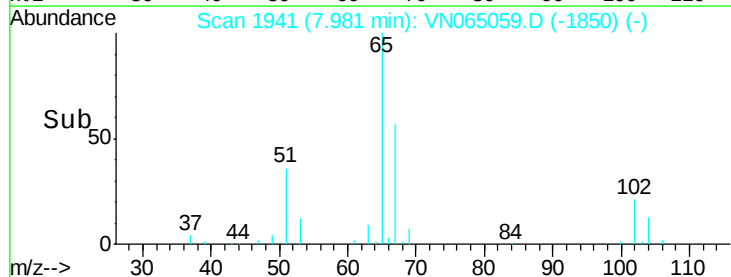
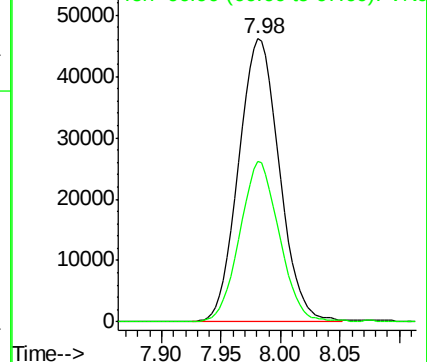
67 54.9 0.0 108.4

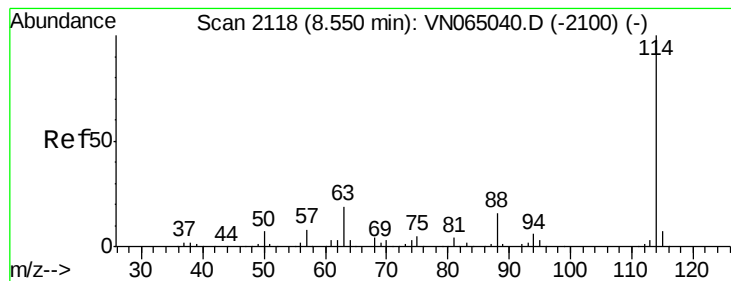


Abundance

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: 8.54 min Scan# 2116

Delta R.T. -0.01 min

Lab File: VN065059.D

Acq: 11 Dec 2020 00:47

Instrument :

MSVOA_N

ClientSampleId :

PB133501ZHE#07

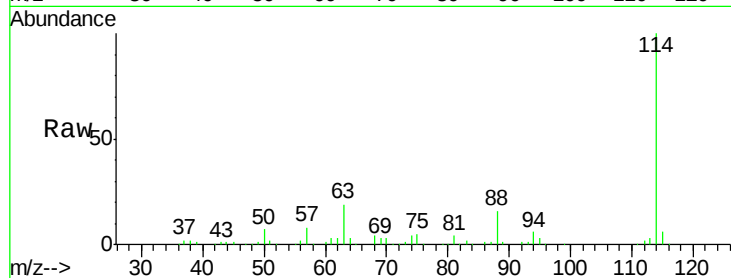
Tot Ion:114 Resp: 322483

Ion Ratio Lower Upper

114 100

63 19.3 0.0 38.2

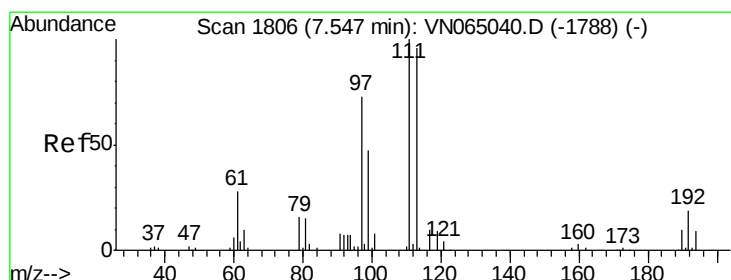
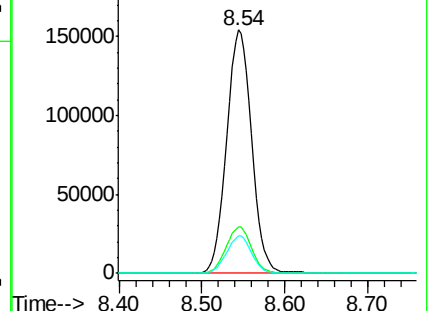
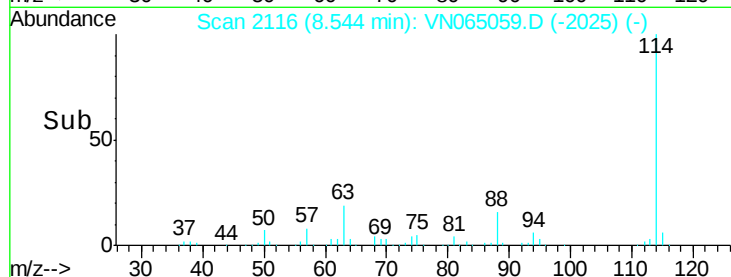
88 15.5 0.0 31.6



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: 48.050 ug/l

RT: 7.54 min Scan# 1804

Delta R.T. -0.01 min

Lab File: VN065059.D

Acq: 11 Dec 2020 00:47

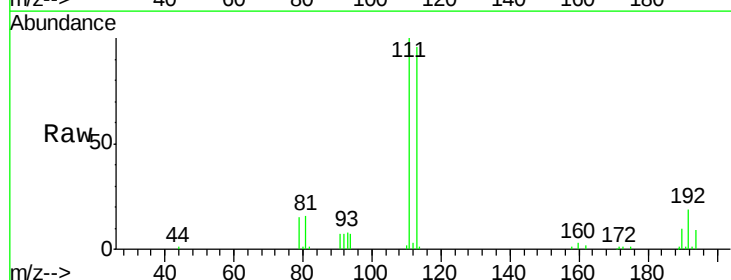
Tgt Ion:113 Resp: 102513

Ion Ratio Lower Upper

113 100

111 104.0 83.4 125.0

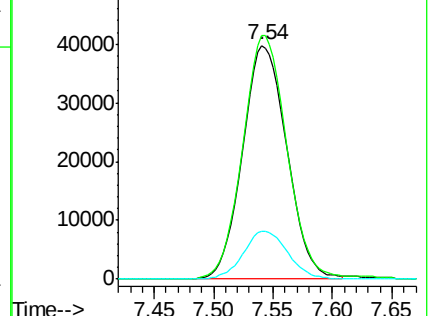
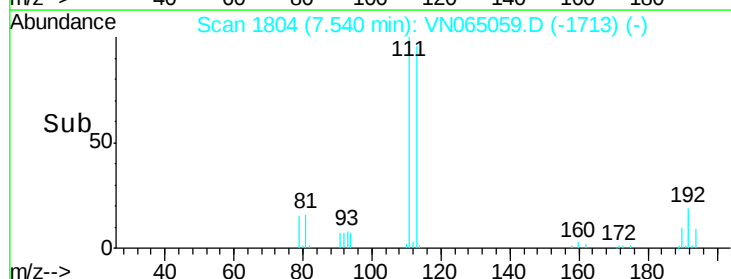
192 20.4 16.2 24.2

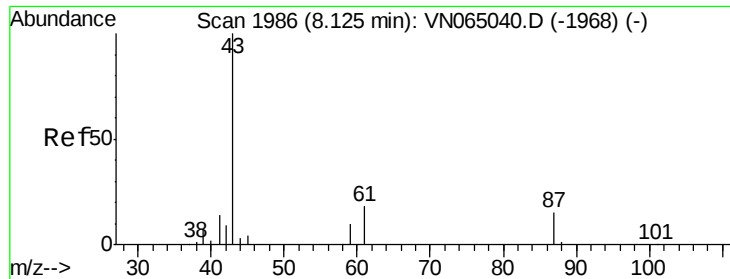


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 3.599 ug/l

RT: 8.12 min Scan# 1985

Delta R.T. -0.00 min

Lab File: VN065059.D

Acq: 11 Dec 2020 00:47

Instrument :

MSVOA_N

ClientSampleId :

PB133501ZHE#07

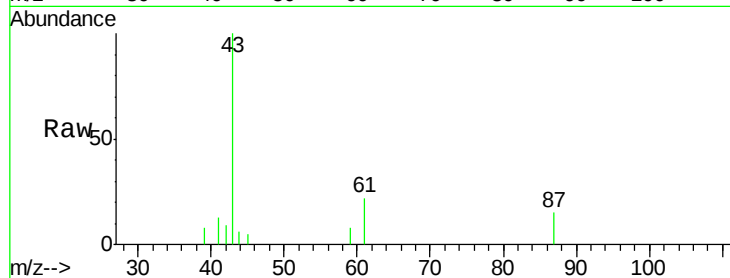
Tot Ion: 43 Resp: 14963

Ion Ratio Lower Upper

43 100

61 17.9 16.9 25.3

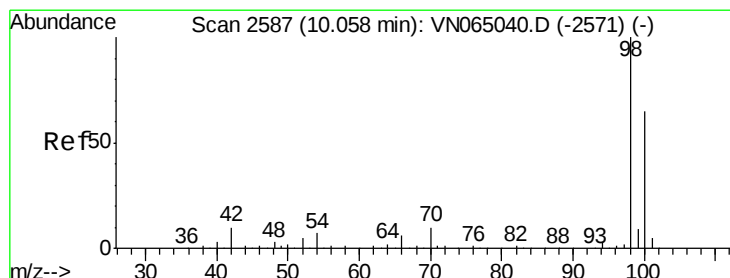
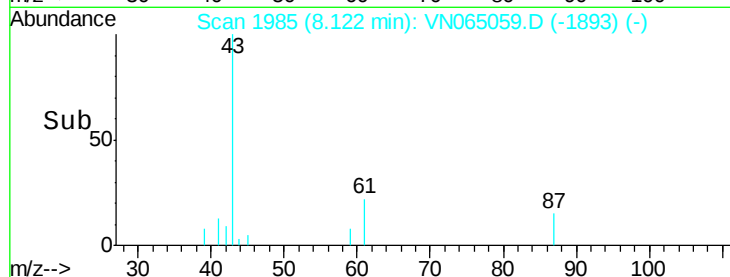
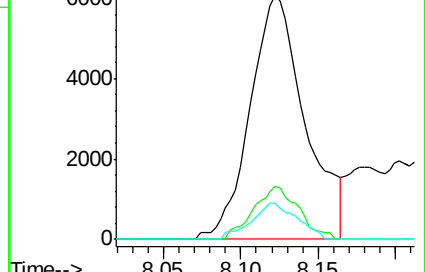
87 12.5 11.4 17.2



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: 50.792 ug/l

RT: 10.05 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN065059.D

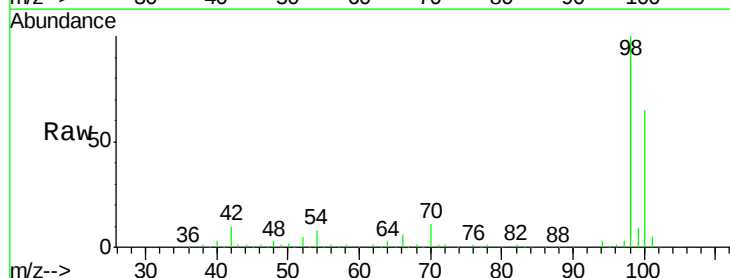
Acq: 11 Dec 2020 00:47

Tgt Ion: 98 Resp: 415729

Ion Ratio Lower Upper

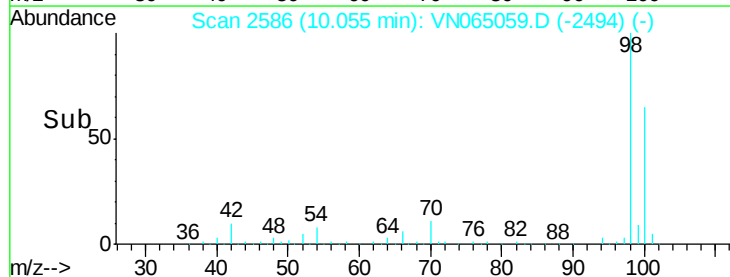
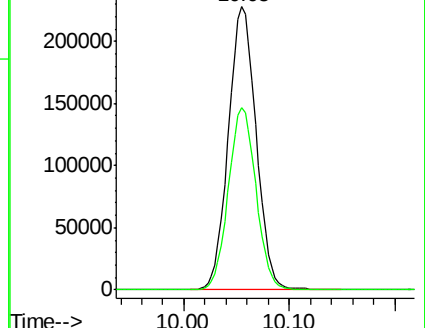
98 100

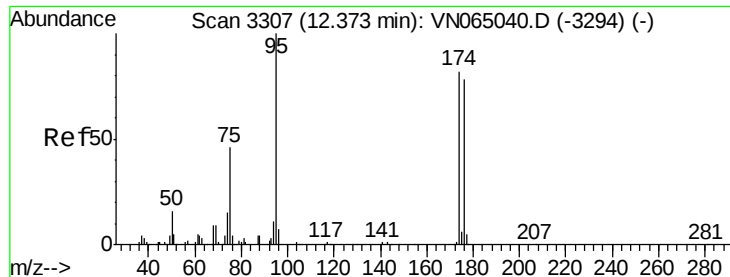
100 63.9 51.6 77.4



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

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

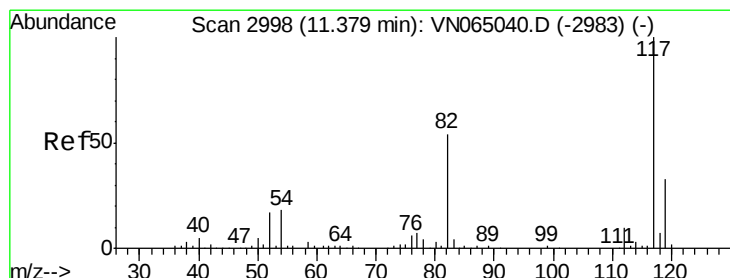
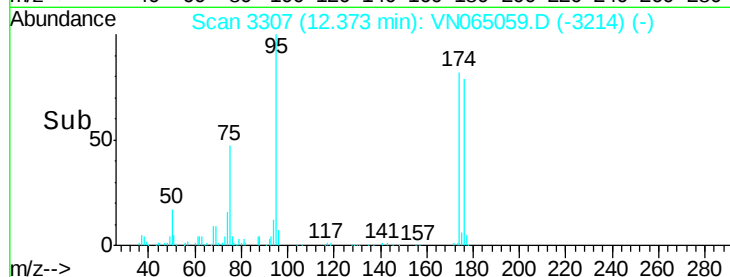
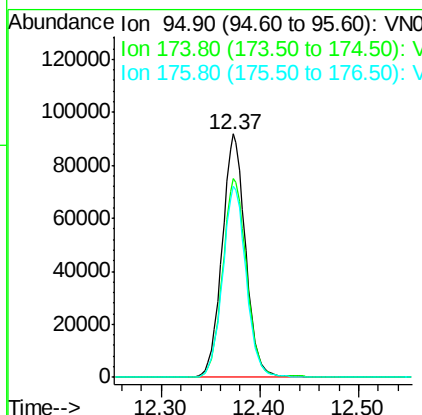
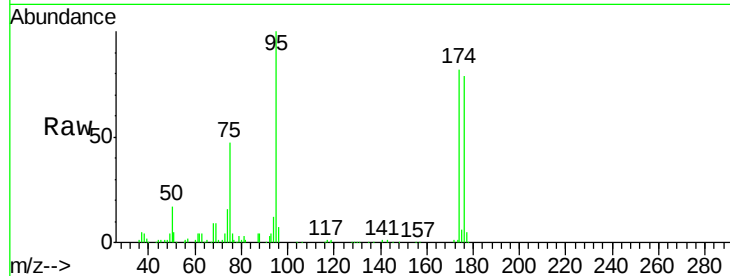




#62
4-Bromofluorobenzene
Concen: 54.480 ug/l
RT: 12.37 min Scan# 3307
Delta R.T. 0.00 min
Lab File: VN065059.D
Acq: 11 Dec 2020 00:47

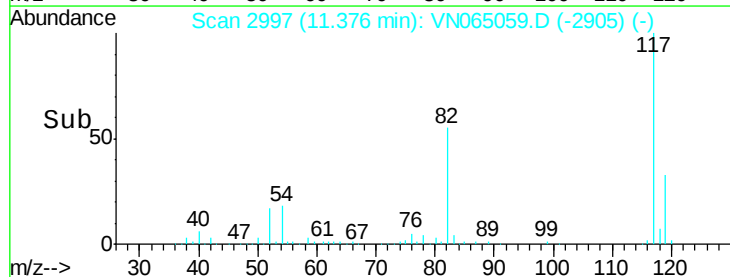
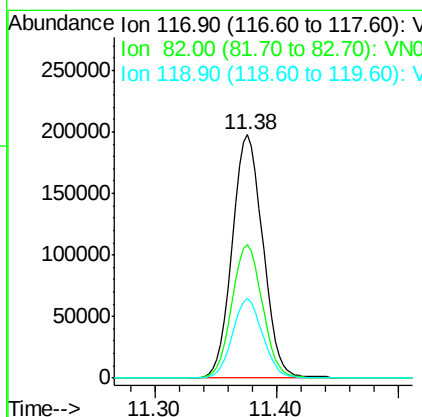
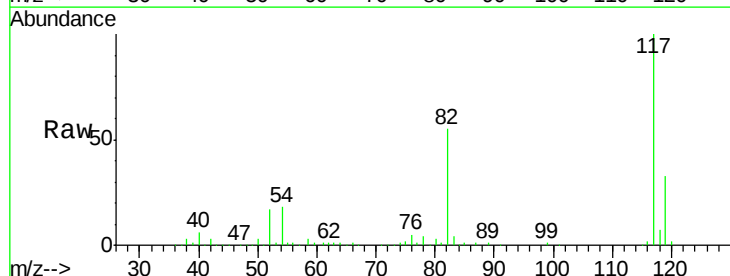
Instrument :
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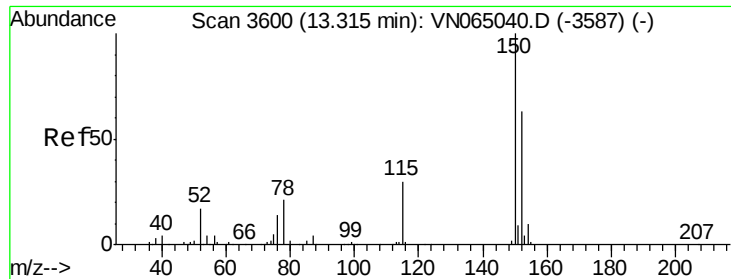
Tot Ion: 95 Resp: 152838
Ion Ratio Lower Upper
95 100
174 82.9 0.0 164.8
176 78.8 0.0 158.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2997
Delta R.T. -0.00 min
Lab File: VN065059.D
Acq: 11 Dec 2020 00:47

Tgt Ion: 117 Resp: 345948
Ion Ratio Lower Upper
117 100
82 54.6 43.5 65.3
119 32.7 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: VN065059.D

Acq: 11 Dec 2020 00:47

Instrument :

MSVOA_N

ClientSampleId :

PB133501ZHE#07

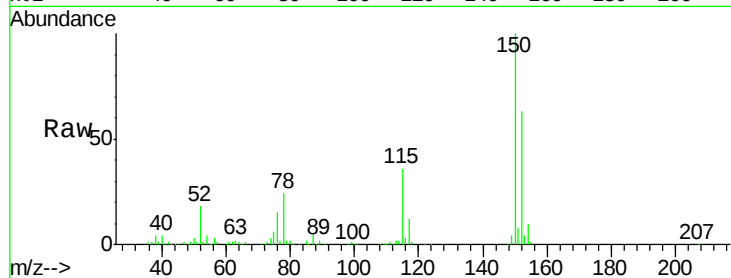
Tot Ion:152 Resp: 145474

Ion Ratio Lower Upper

152 100

115 57.5 29.3 88.0

150 156.8 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

