

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121020\
 Data File : VN065062.D
 Acq On : 11 Dec 2020 2:12
 Operator : JC/MD
 Sample : PB133501ZHE#10
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB133501ZHE#10

Quant Time: Dec 11 04:40:26 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	151548	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	296323	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	316994	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	127780	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	104004	57.64	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery	=	115.28%	
35) Dibromofluoromethane	7.55	113	94158	48.03	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery	=	96.06%	
50) Toluene-d8	10.06	98	376300	50.03	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery	=	100.06%	
62) 4-Bromofluorobenzene	12.38	95	139007	53.92	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery	=	107.84%	

Target Compounds

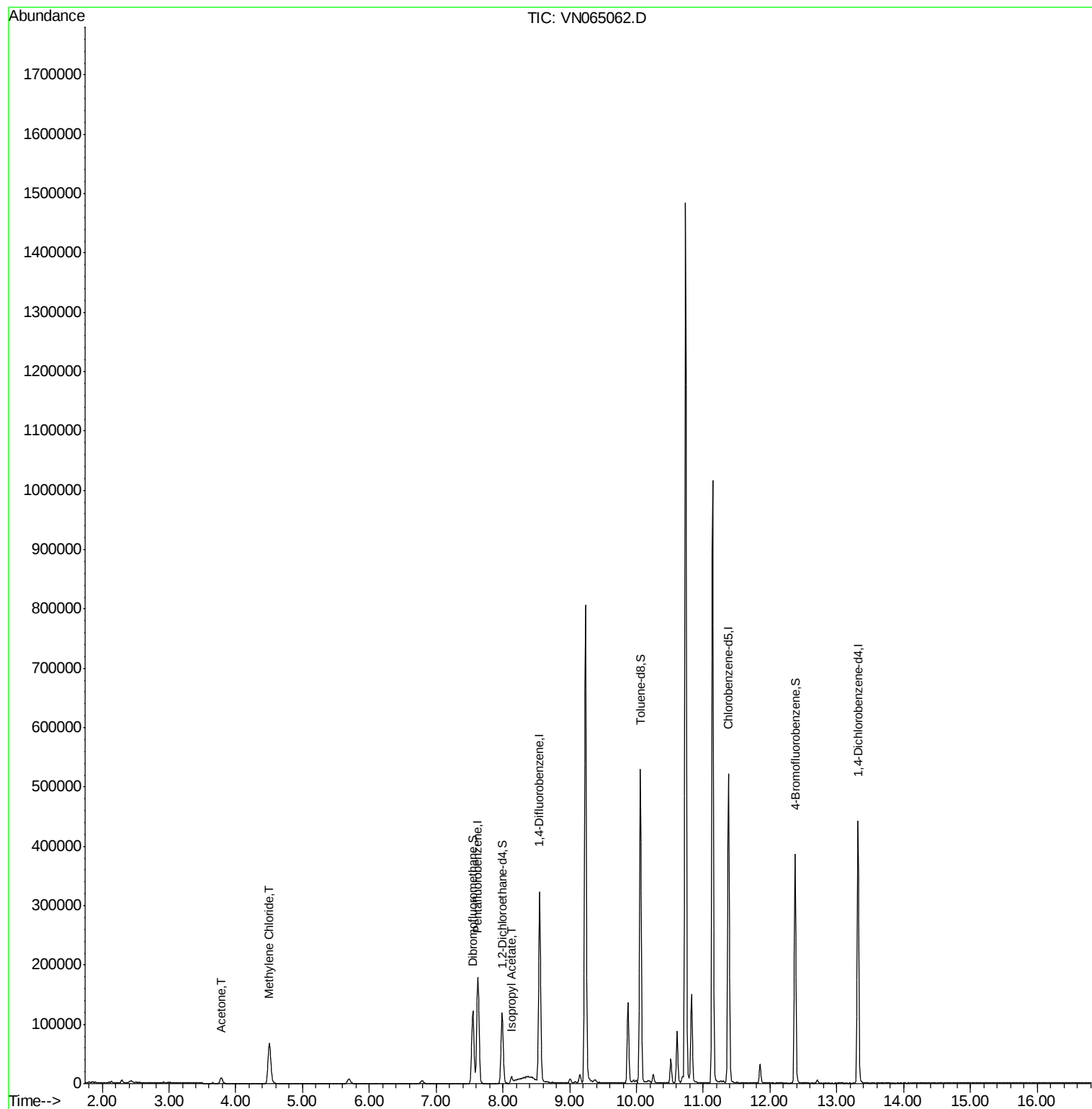
					Qvalue
16) Acetone	3.78	43	17075	26.681 ug/l	94
20) Methylene Chloride	4.51	84	54311	33.313 ug/l	98
43) Isopropyl Acetate	8.13	43	14981	3.922 ug/l	93

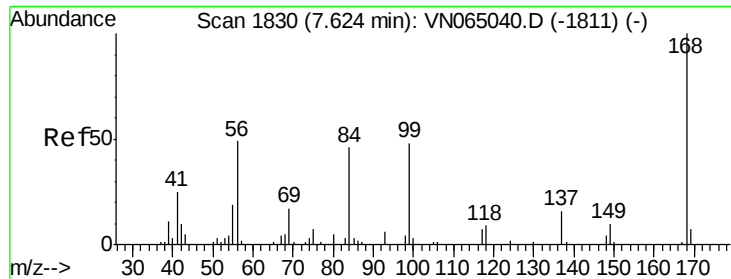
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 1830

Delta R.T. 0.00 min

Lab File: VN065062.D

Acq: 11 Dec 2020 2:12

Instrument :

MSVOA_N

ClientSampleId :

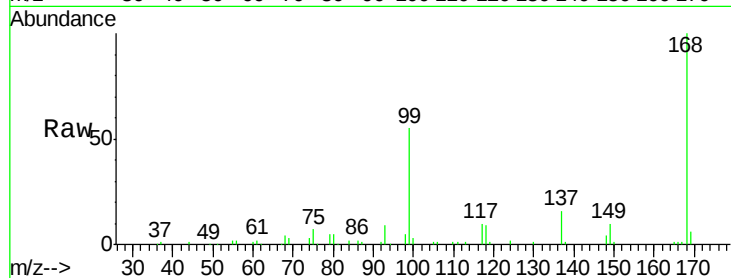
PB133501ZHE#10

Tot Ion:168 Resp: 151548

Ion Ratio Lower Upper

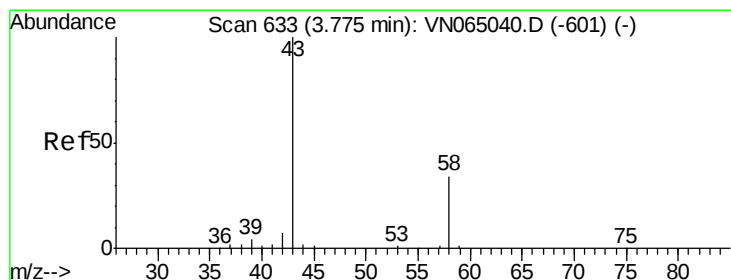
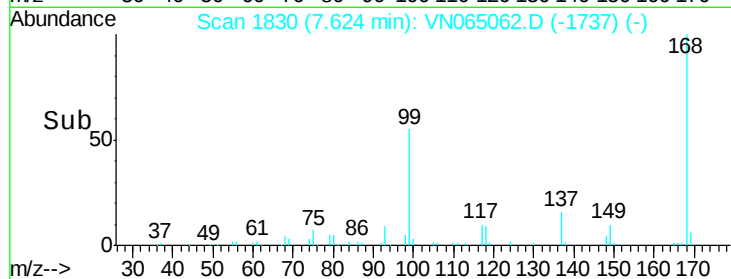
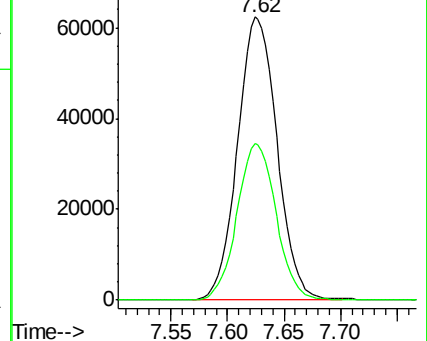
168 100

99 55.5 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#16

Acetone

Concen: 26.681 ug/l

RT: 3.78 min Scan# 633

Delta R.T. 0.00 min

Lab File: VN065062.D

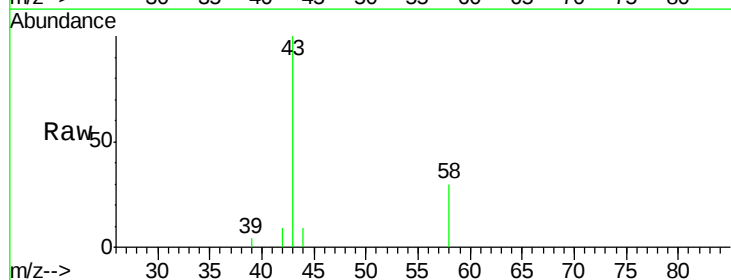
Acq: 11 Dec 2020 2:12

Tgt Ion: 43 Resp: 17075

Ion Ratio Lower Upper

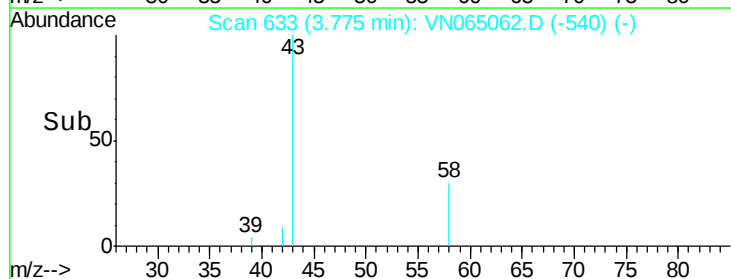
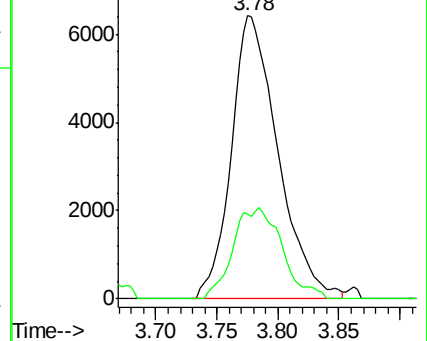
43 100

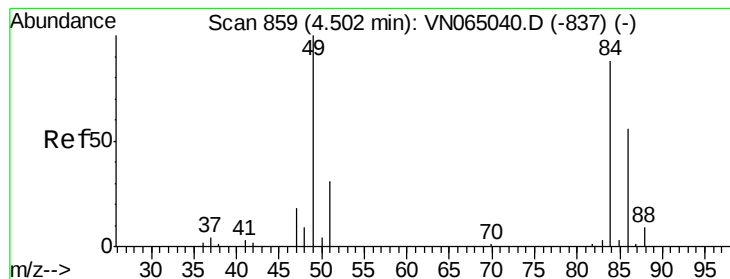
58 30.0 26.8 40.2



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN





#20

Methylene Chloride

Concen: 33.313 ug/l

RT: 4.51 min Scan# 860

Delta R.T. 0.00 min

Lab File: VN065062.D

Acq: 11 Dec 2020 2:12

Instrument :

MSVOA_N

ClientSampleId :

PB133501ZHE#10

Tot Ion: 84 Resp: 54311

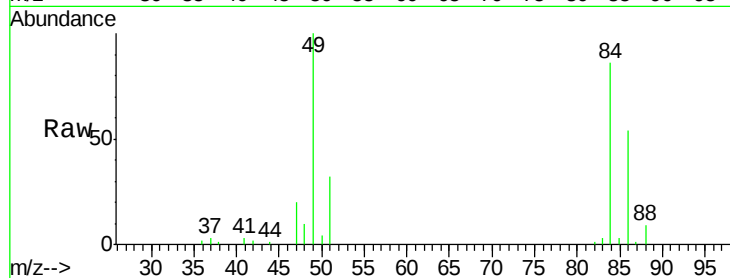
Ion Ratio Lower Upper

84 100

49 116.2 90.8 136.2

51 37.0 28.1 42.1

86 62.6 51.3 76.9

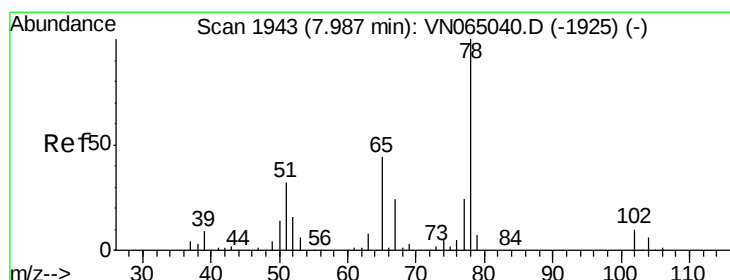
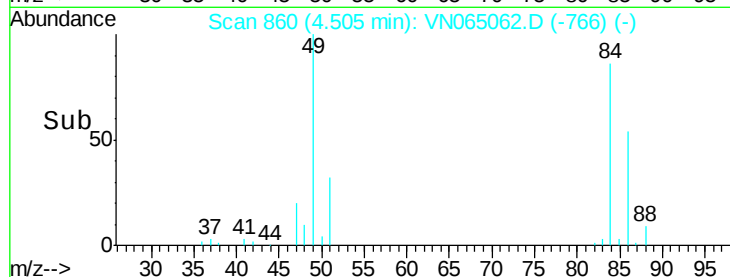
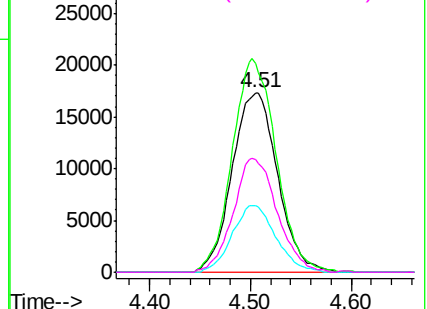


Abundance Ion 83.90 (83.60 to 84.60): VN0

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: 57.642 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN065062.D

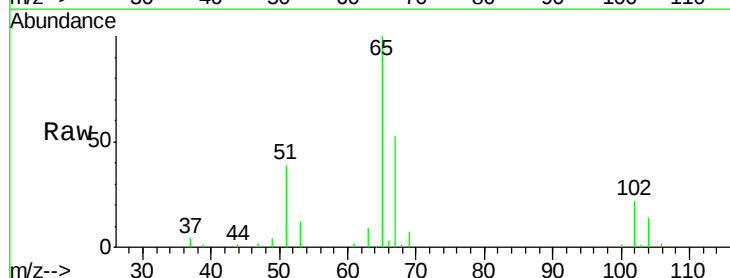
Acq: 11 Dec 2020 2:12

Tgt Ion: 65 Resp: 104004

Ion Ratio Lower Upper

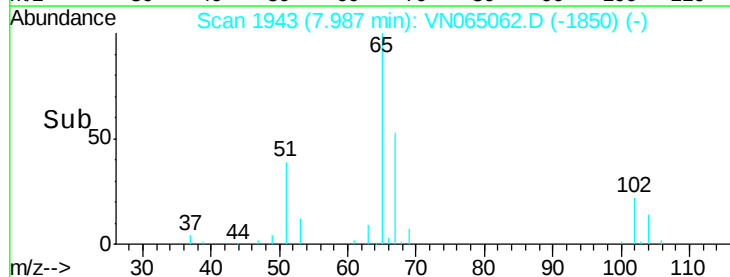
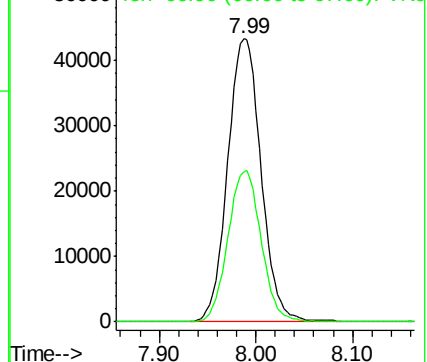
65 100

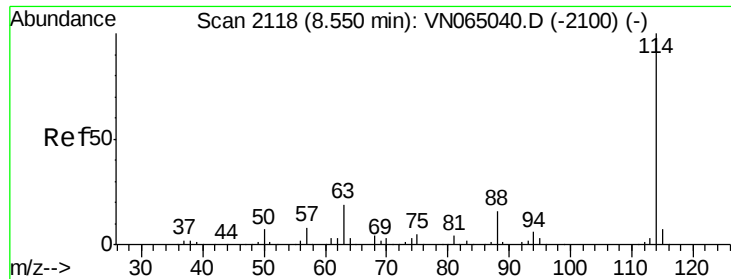
67 53.0 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

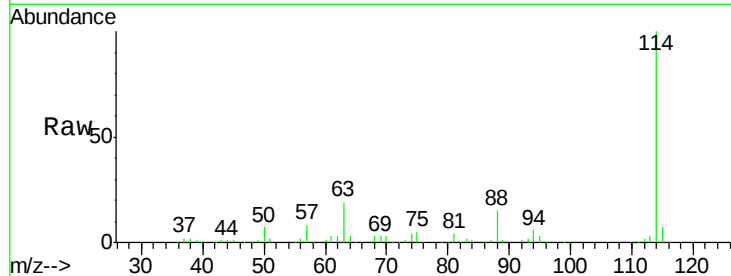




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VN065062.D
Acq: 11 Dec 2020 2:12

Instrument :
MSVOA_N
ClientSampleId :
PB133501ZHE#10

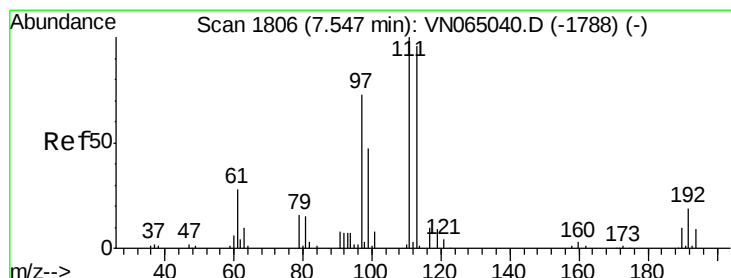
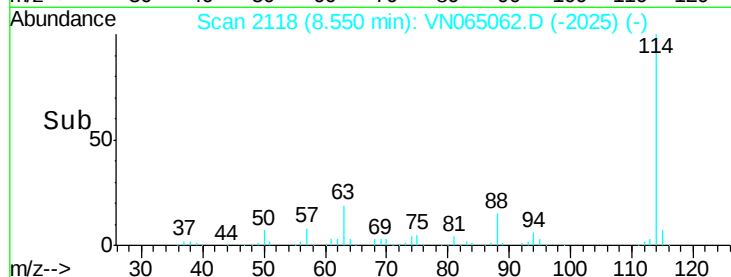
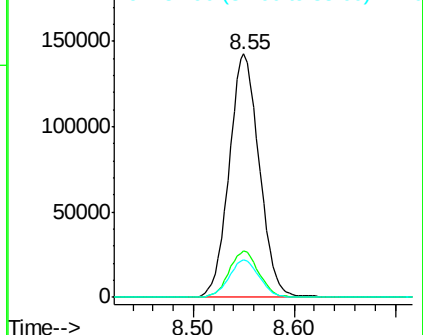
Tot Ion	Ratio	Lower	Upper
114	100		
63	18.9	0.0	38.2
88	15.3	0.0	31.6



Abundance Ion 113.90 (113.60 to 114.60): V

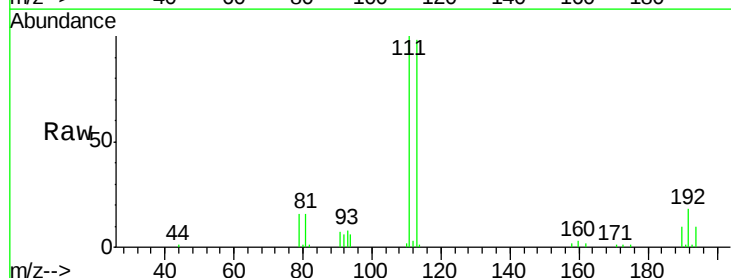
Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35
Dibromofluoromethane
Concen: 48.031 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN065062.D
Acq: 11 Dec 2020 2:12

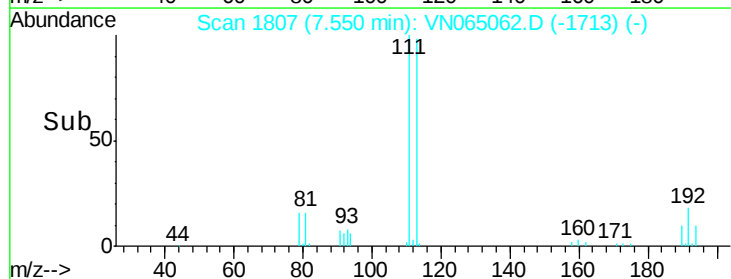
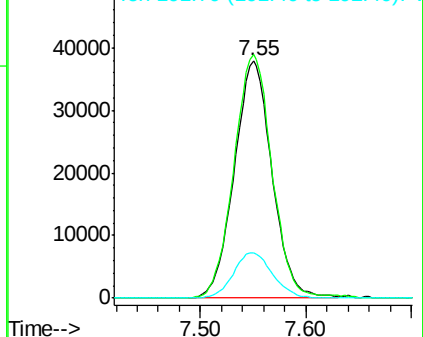
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.8	83.4	125.0
192	19.8	16.2	24.2

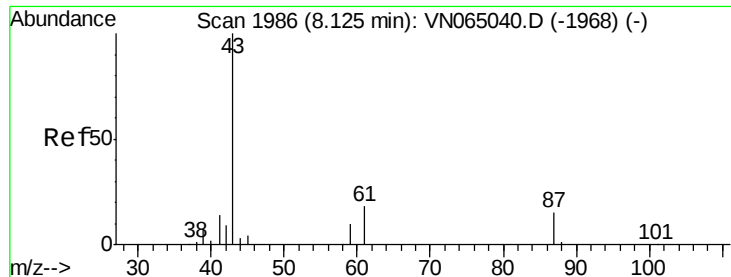


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 3.922 ug/l

RT: 8.13 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN065062.D

Acq: 11 Dec 2020 2:12

Instrument :

MSVOA_N

ClientSampleId :

PB133501ZHE#10

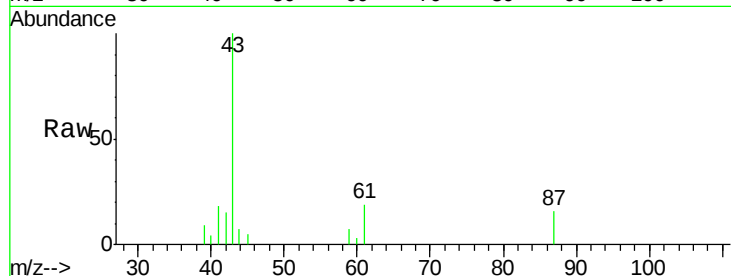
Tot Ion: 43 Resp: 14981

Ion Ratio Lower Upper

43 100

61 17.3 16.9 25.3

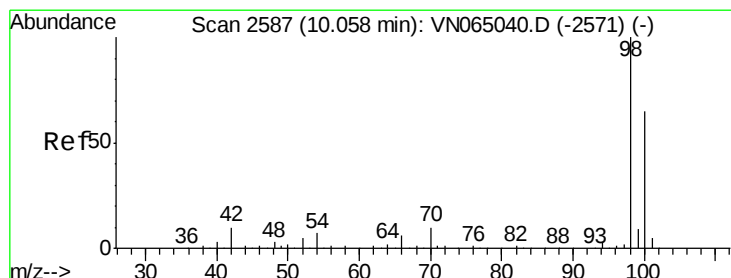
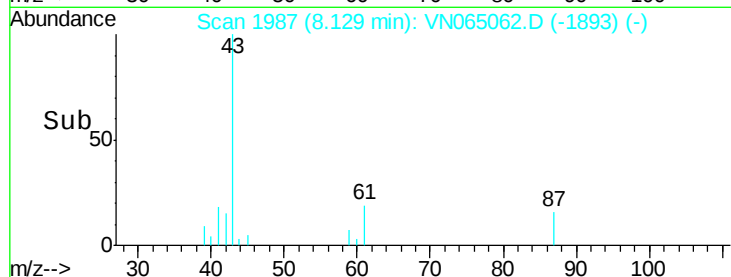
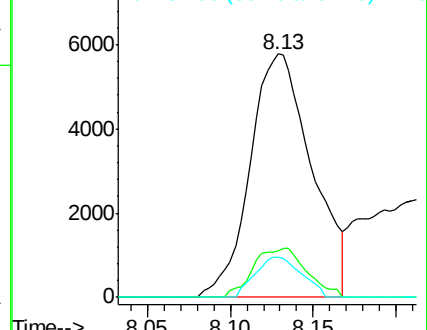
87 12.3 11.4 17.2



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: 50.034 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN065062.D

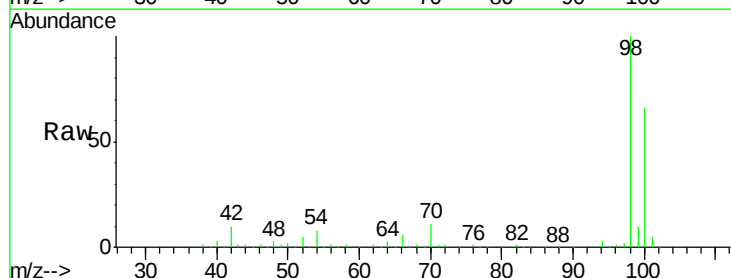
Acq: 11 Dec 2020 2:12

Tgt Ion: 98 Resp: 376300

Ion Ratio Lower Upper

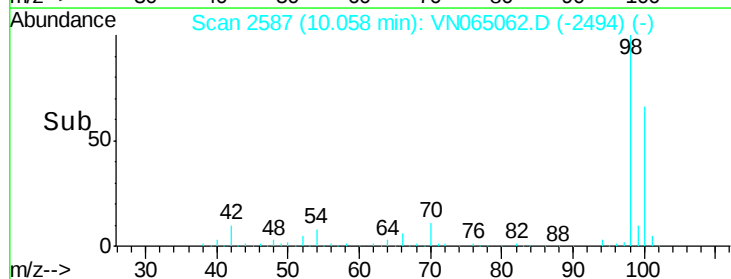
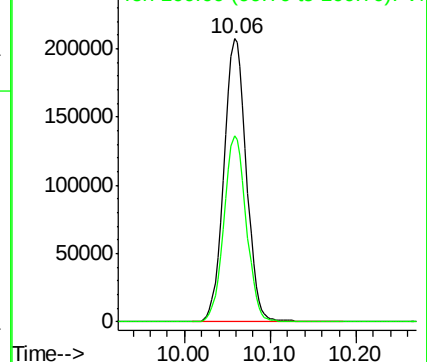
98 100

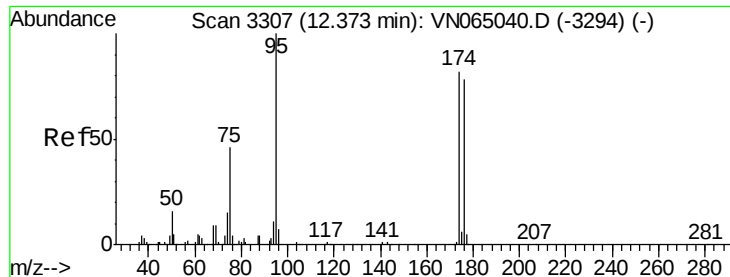
100 65.5 51.6 77.4



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

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

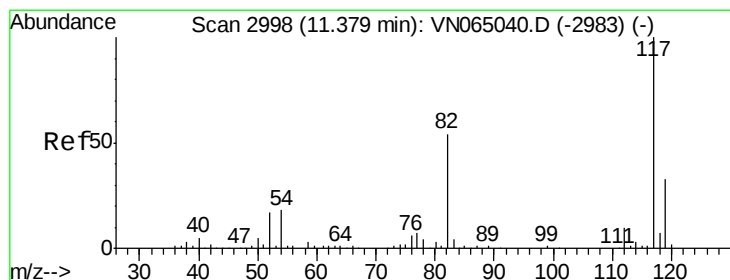
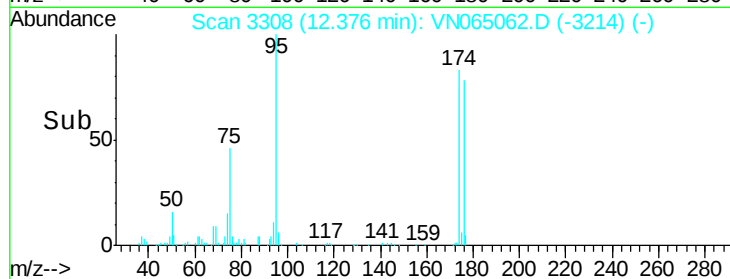
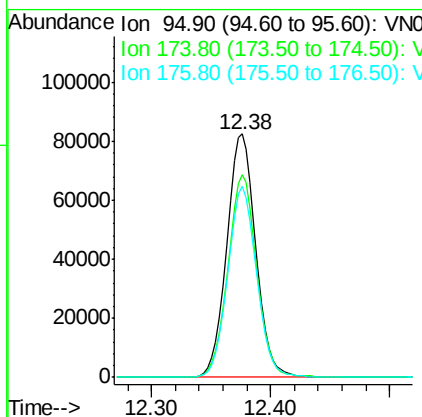
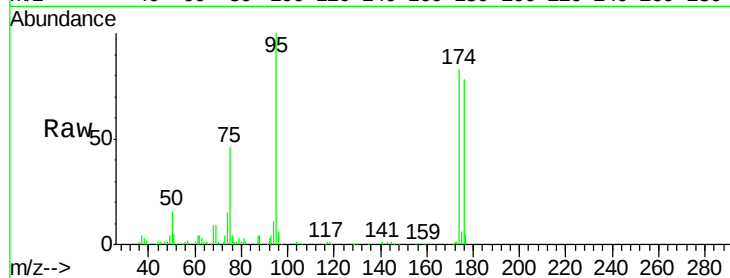




#62
4-Bromofluorobenzene
Concen: 53.925 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN065062.D
Acq: 11 Dec 2020 2:12

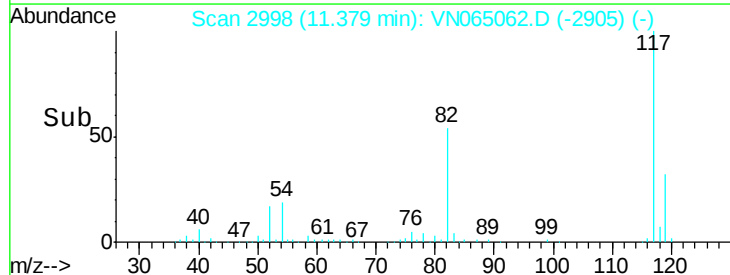
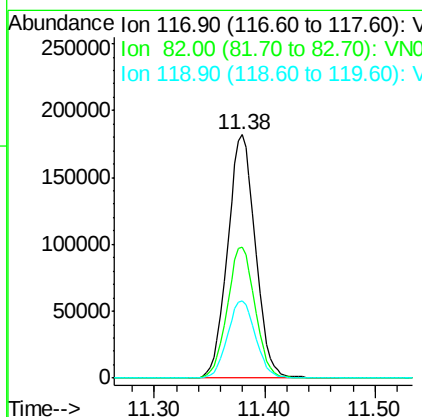
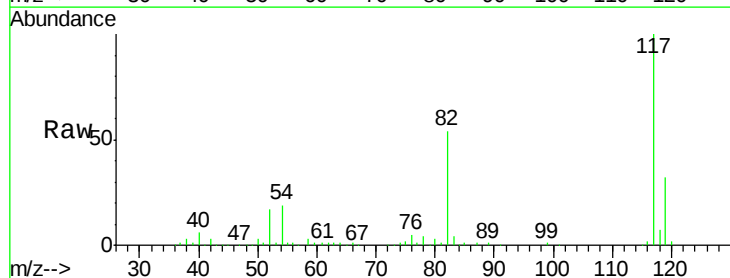
Instrument :
MSVOA_N
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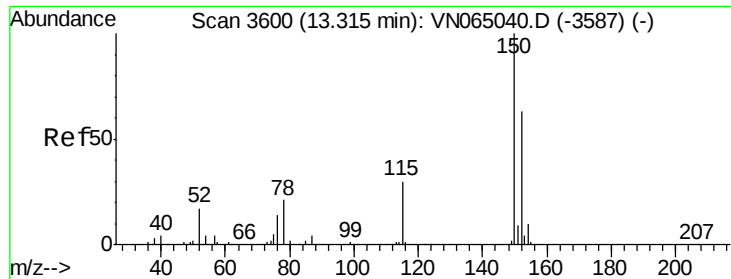
Tot Ion	Ratio	Lower	Upper
95	100		
174	83.0	0.0	164.8
176	78.0	0.0	158.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN065062.D
Acq: 11 Dec 2020 2:12

Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.7	43.5	65.3
119	31.6	26.4	39.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN065062.D

Acq: 11 Dec 2020 2:12

Instrument :

MSVOA_N

ClientSampleId :

PB133501ZHE#10

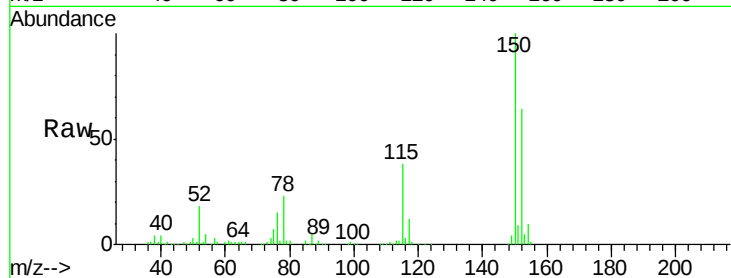
Tot Ion:152 Resp: 127780

Ion Ratio Lower Upper

152 100

115 58.9 29.3 88.0

150 158.1 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

