

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121020\
 Data File : VN065061.D
 Acq On : 11 Dec 2020 1:48
 Operator : JC/MD
 Sample : PB133501ZHE#09
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB133501ZHE#09

Quant Time: Dec 11 04:38:49 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	171910	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	322114	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	343037	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	138695	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	110784	54.13	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	108.26%	
35) Dibromofluoromethane		7.55	113	102303	48.01	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	96.02%	
50) Toluene-d8		10.06	98	412664	50.48	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	100.96%	
62) 4-Bromofluorobenzene		12.38	95	151465	54.05	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	108.10%	

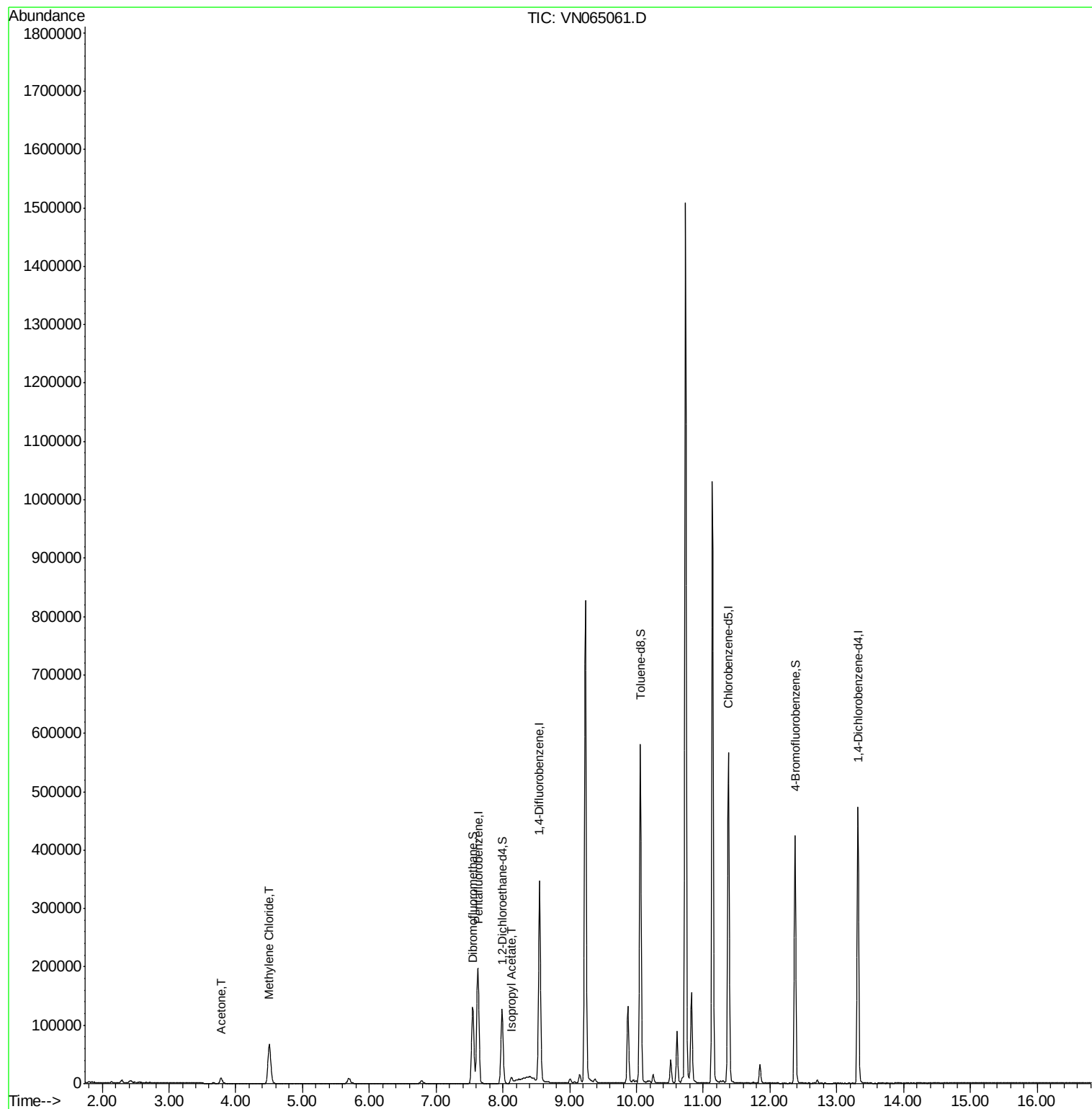
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.78	43	16386	22.572	ug/l	97
20) Methylene Chloride	4.50	84	54046	29.224	ug/l	97
43) Isopropyl Acetate	8.13	43	15430	3.716	ug/l	92

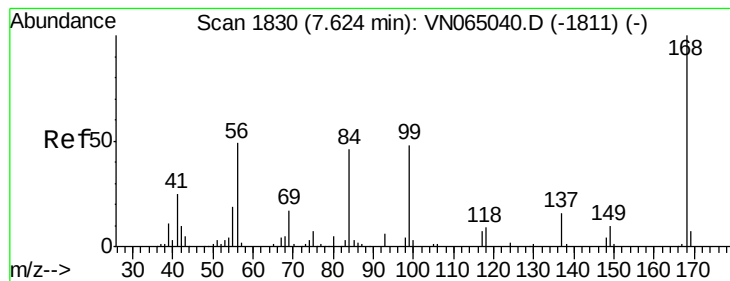
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN065061.D

Acq: 11 Dec 2020 1:48

Instrument :

MSVOA_N

ClientSampleId :

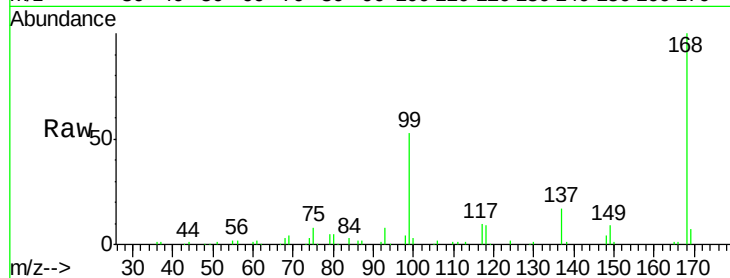
PB133501ZHE#09

Tot Ion:168 Resp: 171910

Ion Ratio Lower Upper

168 100

99 52.8 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.63

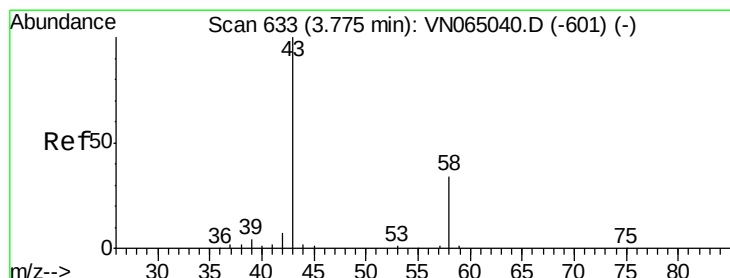
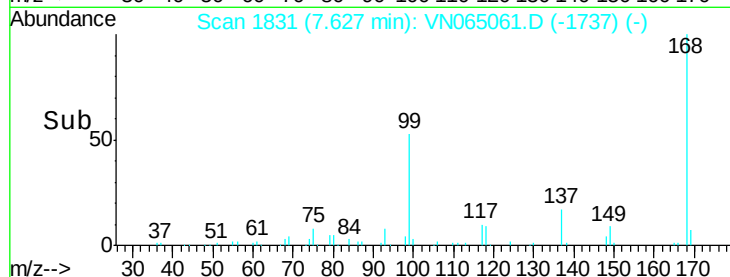
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 22.572 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.00 min

Lab File: VN065061.D

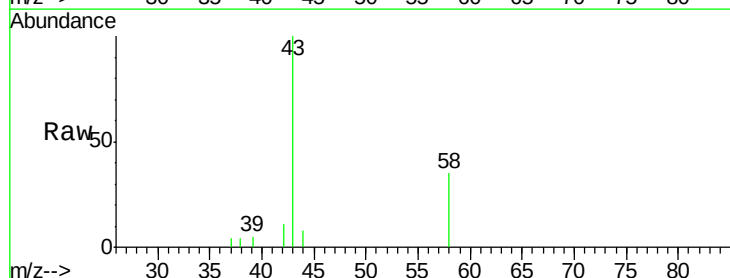
Acq: 11 Dec 2020 1:48

Tgt Ion: 43 Resp: 16386

Ion Ratio Lower Upper

43 100

58 35.2 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

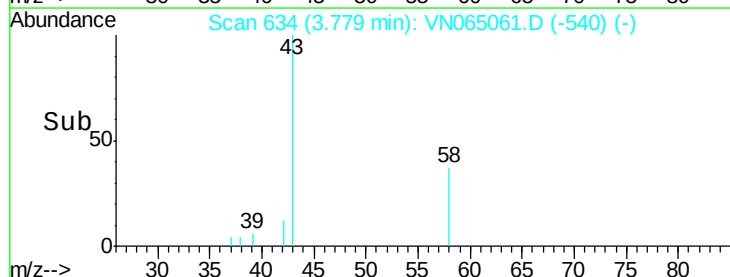
6000

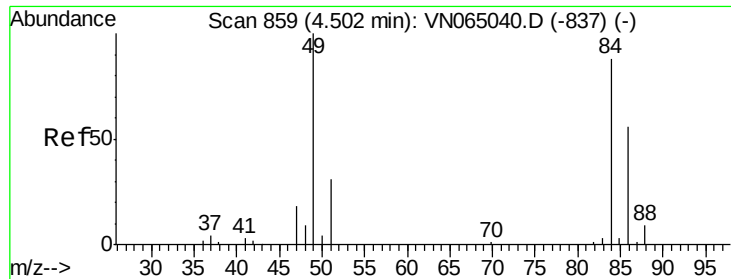
4000

2000

0

Time--> 3.70 3.75 3.80 3.85

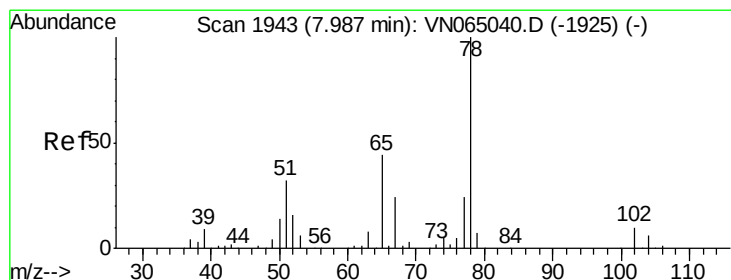
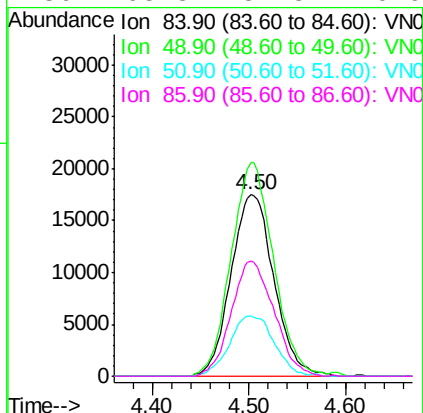
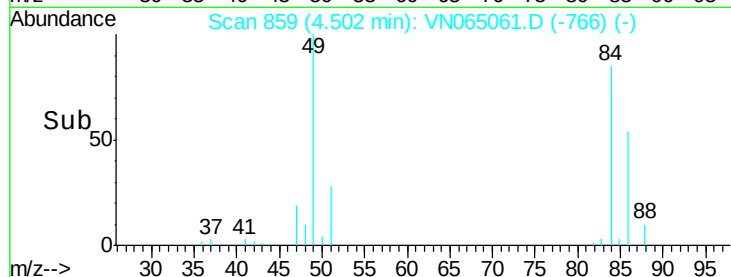
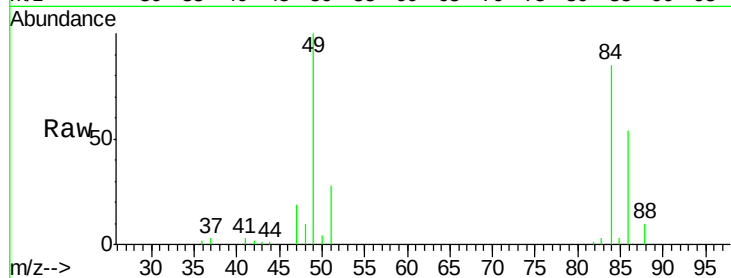




#20
Methylene Chloride
Concen: 29.224 ug/l
RT: 4.50 min Scan# 859
Delta R.T. 0.00 min
Lab File: VN065061.D
Acq: 11 Dec 2020 1:48

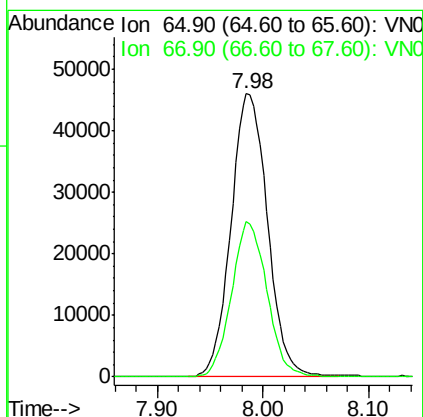
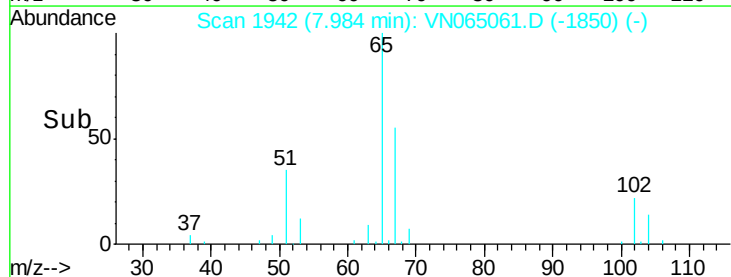
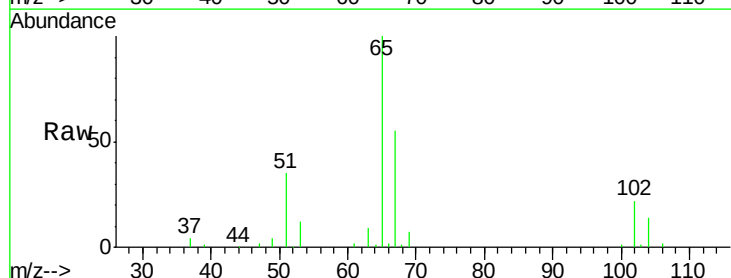
Instrument :
MSVOA_N
ClientSampleId :
PB133501ZHE#09

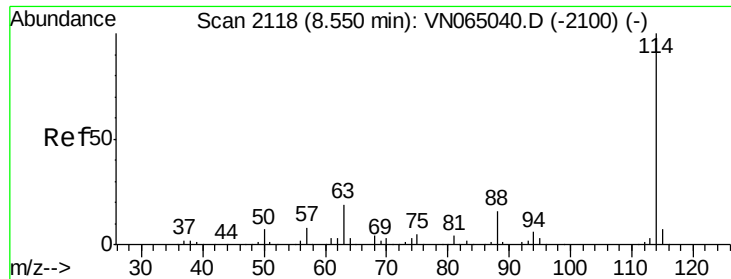
Tot Ion: 84 Resp: 54046
Ion Ratio Lower Upper
84 100
49 117.7 90.8 136.2
51 33.5 28.1 42.1
86 63.3 51.3 76.9



#33
1,2-Dichloroethane-d4
Concen: 54.127 ug/l
RT: 7.98 min Scan# 1942
Delta R.T. -0.00 min
Lab File: VN065061.D
Acq: 11 Dec 2020 1:48

Tgt Ion: 65 Resp: 110784
Ion Ratio Lower Upper
65 100
67 53.2 0.0 108.4

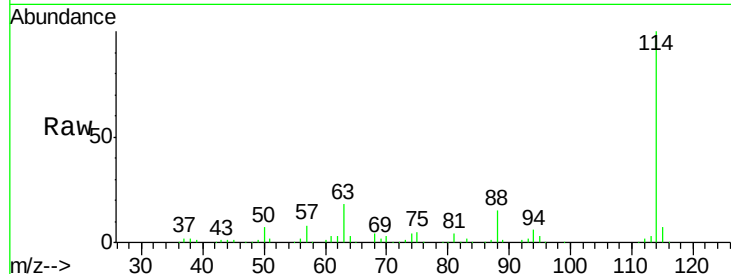




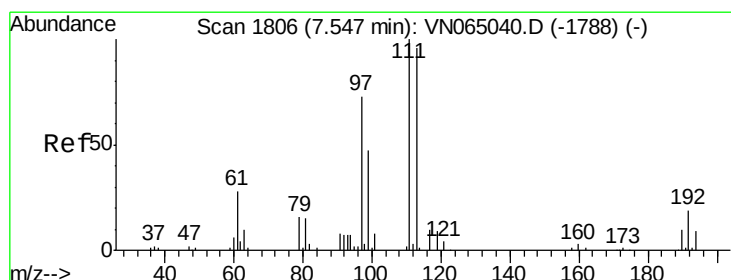
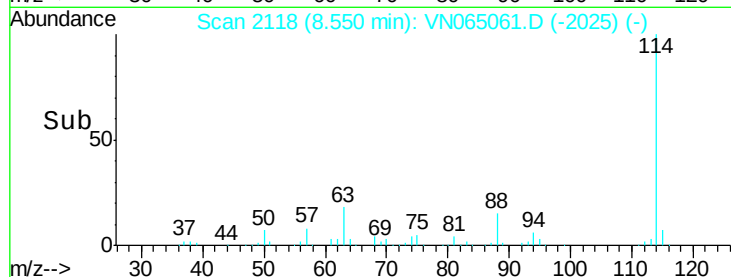
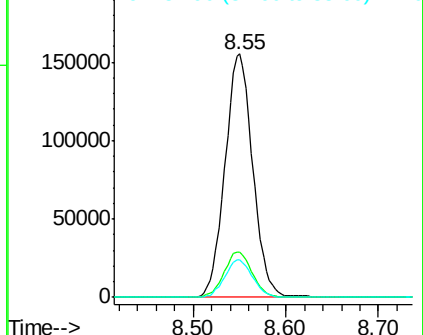
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN065061.D
 Acq: 11 Dec 2020 1:48

Instrument :
 MSVOA_N
 ClientSampleId :
 PB133501ZHE#09

Tot Ion	Ratio	Lower	Upper
114	100		
63	18.5	0.0	38.2
88	15.4	0.0	31.6

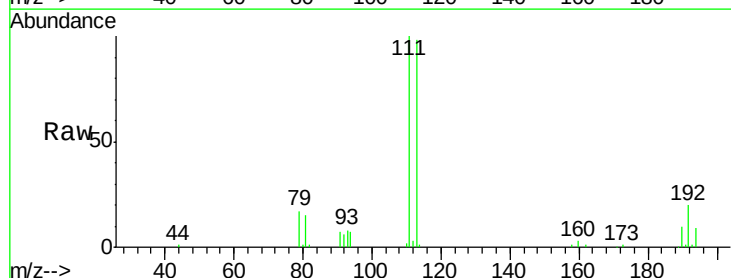


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

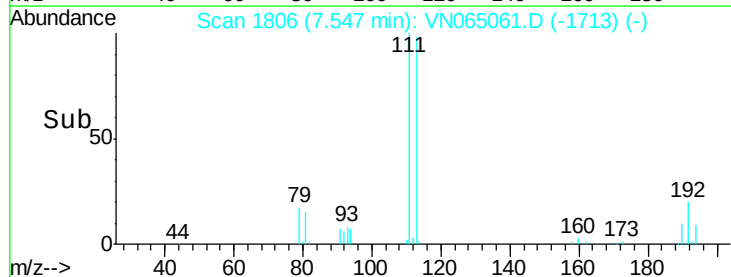
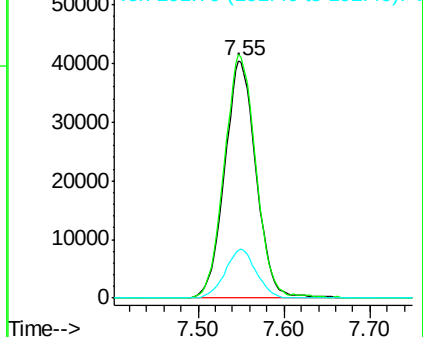


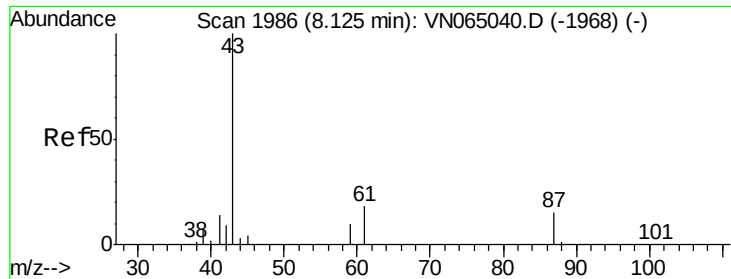
#35
 Dibromofluoromethane
 Concen: 48.007 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. 0.00 min
 Lab File: VN065061.D
 Acq: 11 Dec 2020 1:48

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.6	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: 3.716 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VN065061.D

Acq: 11 Dec 2020 1:48

Instrument :

MSVOA_N

ClientSampleId :

PB133501ZHE#09

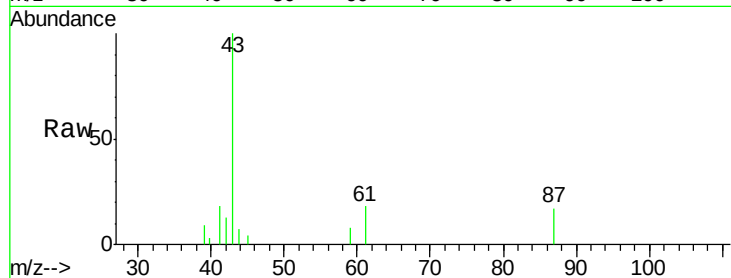
Tot Ion: 43 Resp: 15430

Ion Ratio Lower Upper

43 100

61 16.9 16.9 25.3

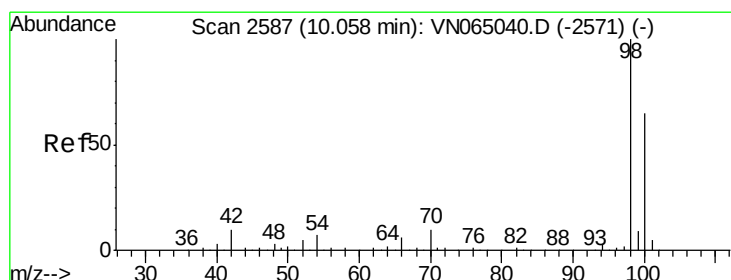
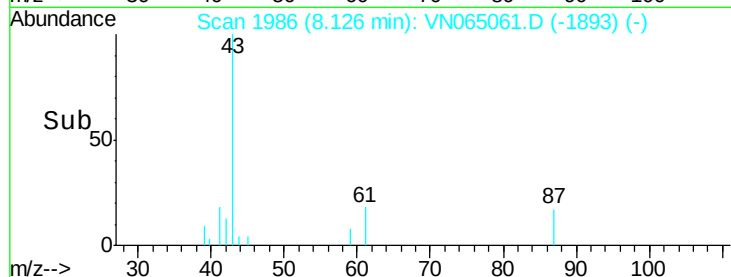
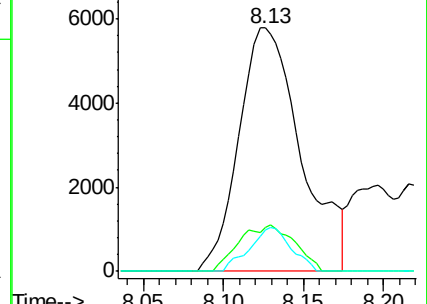
87 12.0 11.4 17.2



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: 50.476 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN065061.D

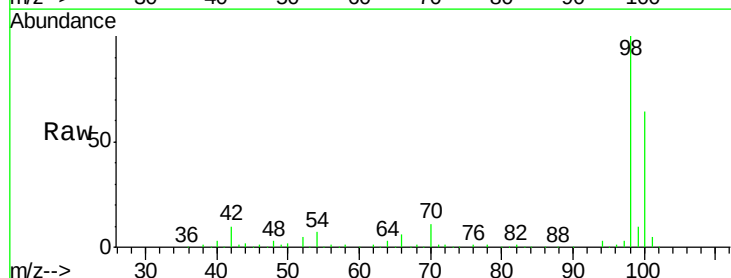
Acq: 11 Dec 2020 1:48

Tgt Ion: 98 Resp: 412664

Ion Ratio Lower Upper

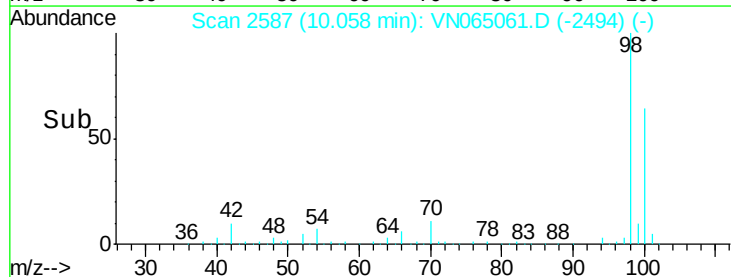
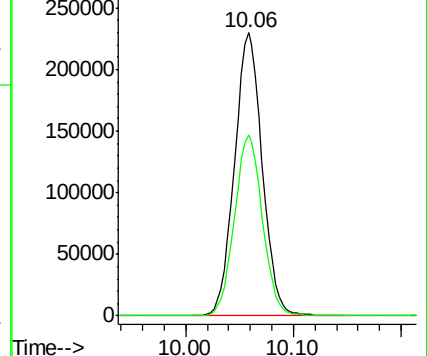
98 100

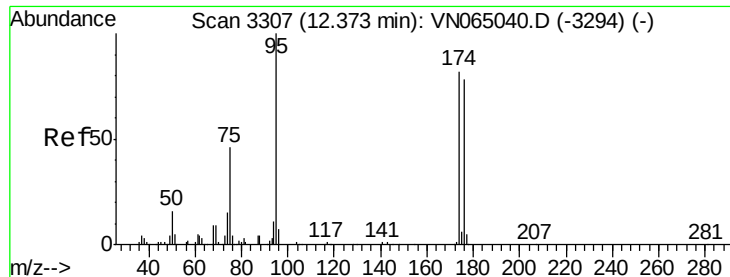
100 64.2 51.6 77.4



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

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

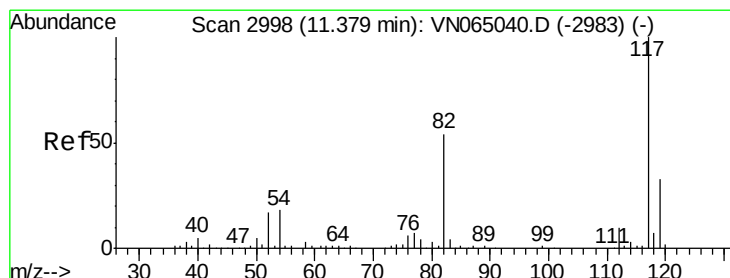
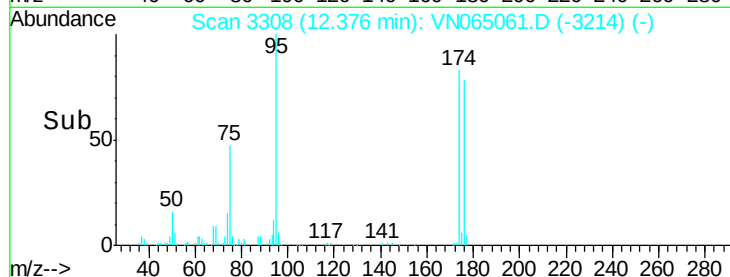
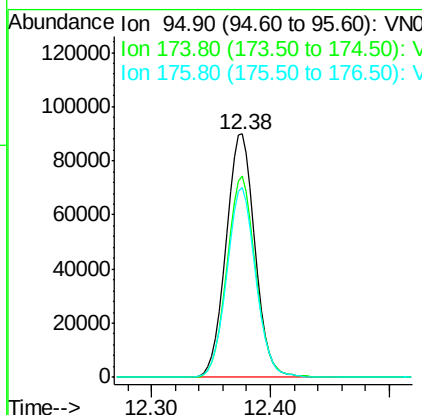
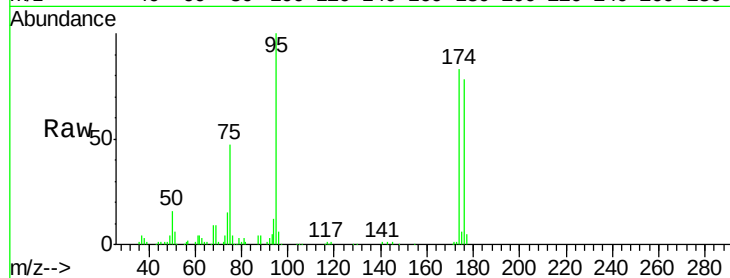




#62
4-Bromofluorobenzene
Concen: 54.053 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN065061.D
Acq: 11 Dec 2020 1:48

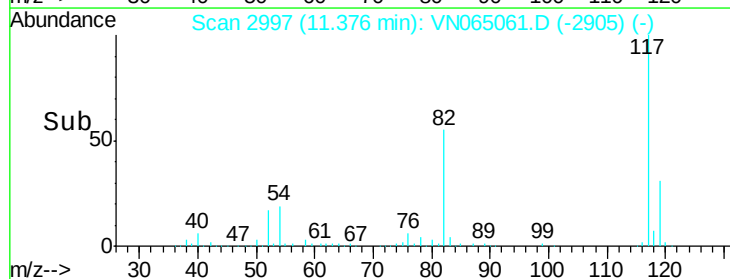
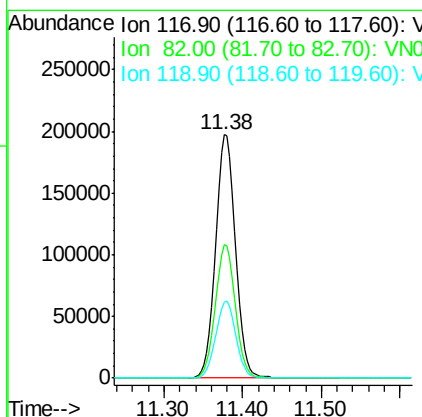
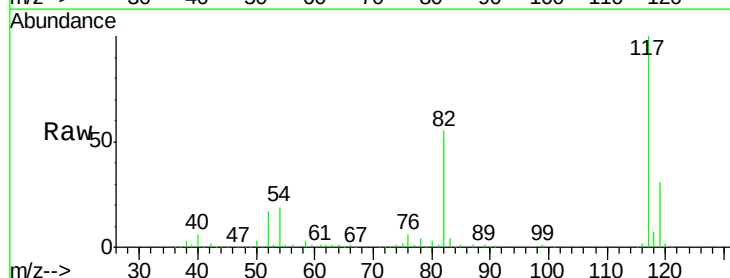
Instrument :
MSVOA_N
ClientSampleId :
PB133501ZHE#09

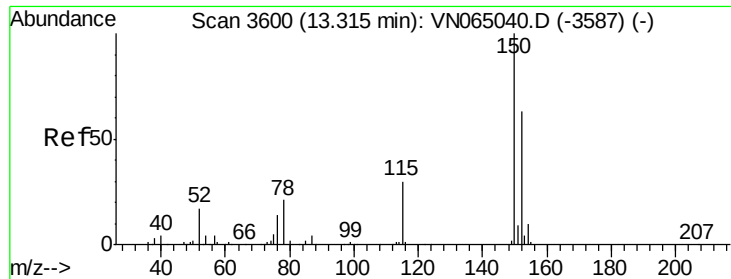
Tot Ion	Ratio	Lower	Upper
95	100		
174	82.0	0.0	164.8
176	77.9	0.0	158.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2997
Delta R.T. -0.00 min
Lab File: VN065061.D
Acq: 11 Dec 2020 1:48

Tgt Ion	Ratio	Lower	Upper
117	100		
82	54.9	43.5	65.3
119	31.4	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: VN065061.D

Acq: 11 Dec 2020 1:48

Instrument :

MSVOA_N

ClientSampleId :

PB133501ZHE#09

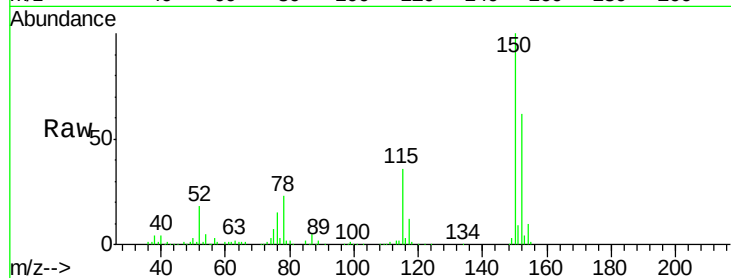
Tot Ion:152 Resp: 138695

Ion Ratio Lower Upper

152 100

115 58.0 29.3 88.0

150 157.9 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

