

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120920\
 Data File : VN065020.D
 Acq On : 9 Dec 2020 15:02
 Operator : JC/MD
 Sample : PB133472ZHE#01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB133472ZHE#01

Quant Time: Dec 10 04:39:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 23 13:54:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	160525	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	300438	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	331722	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	136992	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	105541	56.55	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery	=	113.10%	
35) Dibromofluoromethane	7.55	113	99159	55.16	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery	=	110.32%	
50) Toluene-d8	10.06	98	394274	53.68	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery	=	107.36%	
62) 4-Bromofluorobenzene	12.38	95	146322	55.66	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery	=	111.32%	

Target Compounds

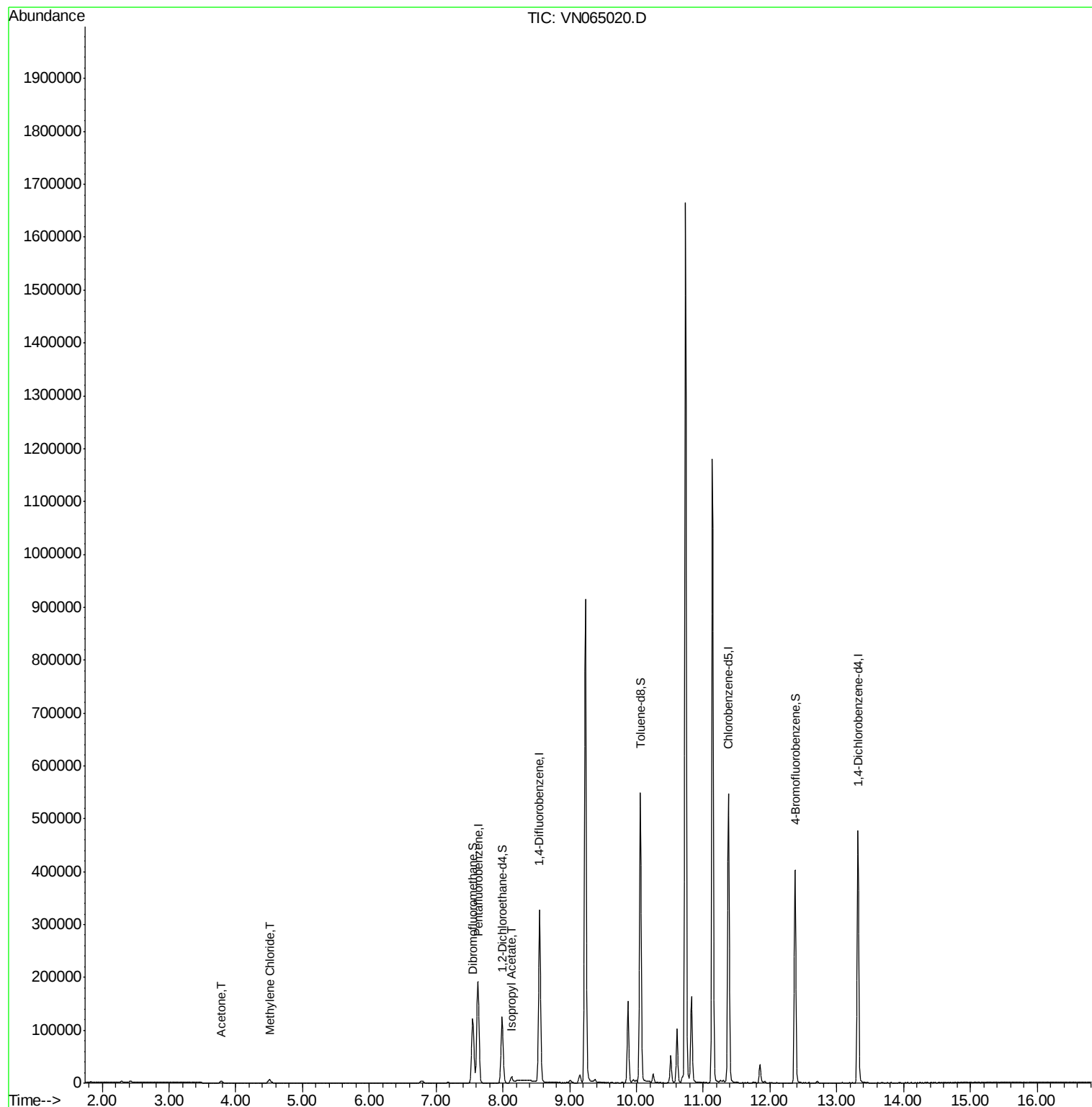
					Qvalue
16) Acetone	3.78	43	5344	8.711 ug/l	93
20) Methylene Chloride	4.51	84	5255	2.734 ug/l	91
43) Isopropyl Acetate	8.13	43	14944	3.462 ug/l	95

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

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Quant Title : SW846 8260
QLast Update : Mon Nov 23 13:54:12 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: VN065020.D

Acq: 9 Dec 2020 15:02

Instrument :

MSVOA_N

ClientSampleId :

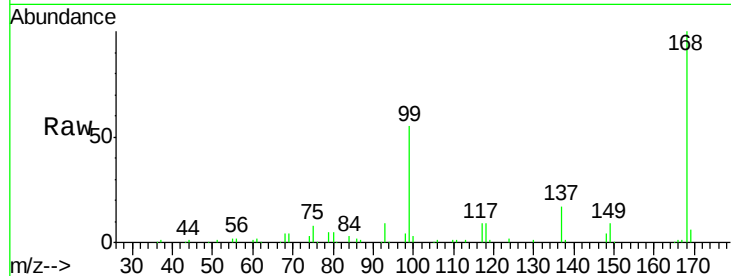
PB133472ZHE#01

Tot Ion:168 Resp: 160525

Ion Ratio Lower Upper

168 100

99 55.0 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

60000

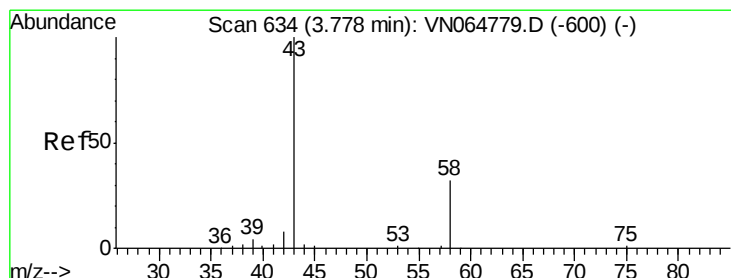
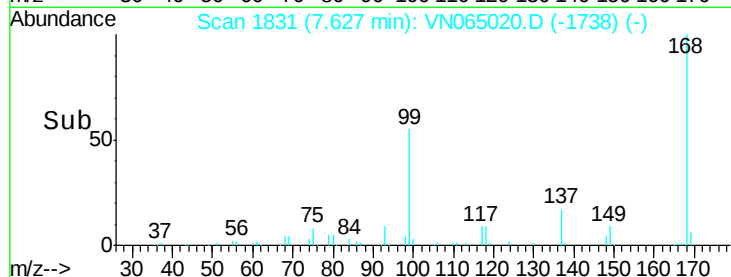
40000

20000

0

7.55 7.60 7.65 7.70

Time-->



#16

Acetone

Concen: 8.711 ug/l

RT: 3.78 min Scan# 636

Delta R.T. 0.01 min

Lab File: VN065020.D

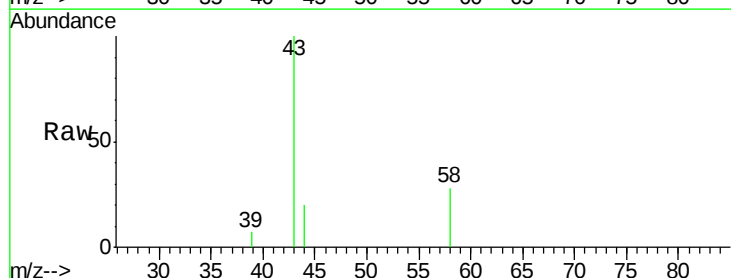
Acq: 9 Dec 2020 15:02

Tgt Ion: 43 Resp: 5344

Ion Ratio Lower Upper

43 100

58 28.1 25.7 38.5



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.78

2500

2000

1500

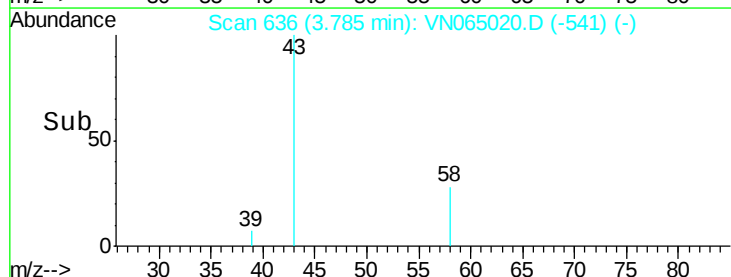
1000

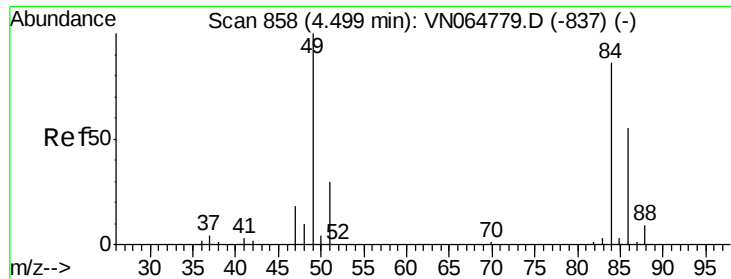
500

0

3.70 3.75 3.80 3.85

Time-->

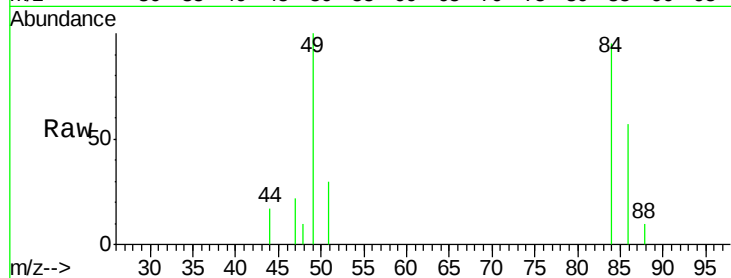




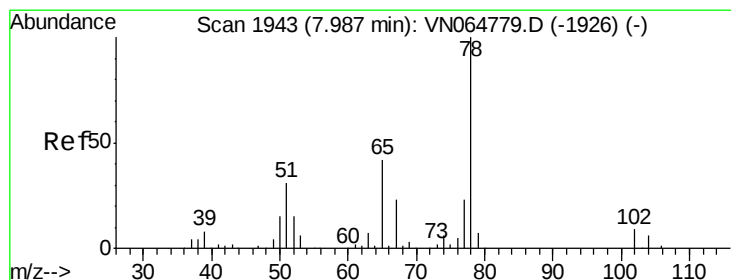
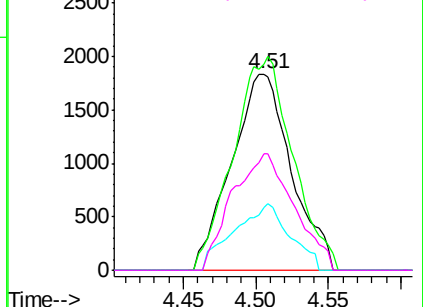
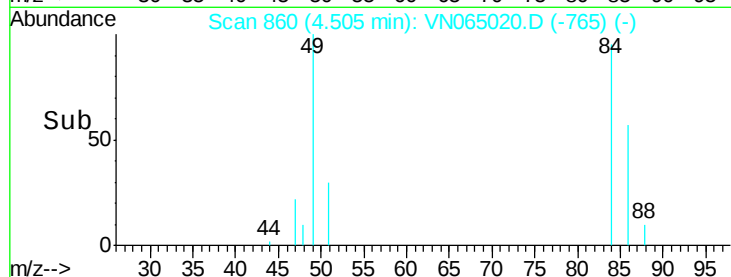
#20
Methvlene Chloride
Concen: 2.734 ug/l
RT: 4.51 min Scan# 860
Delta R.T. 0.01 min
Lab File: VN065020.D
Acq: 9 Dec 2020 15:02

Instrument :
MSVOA_N
ClientSampleId :
PB133472ZHE#01

Tot Ion: 84 Resp: 5255
Ion Ratio Lower Upper
84 100
49 104.8 93.4 140.0
51 32.0 28.2 42.4
86 59.5 51.7 77.5

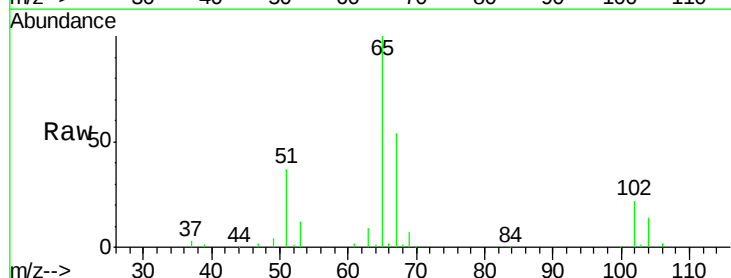


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

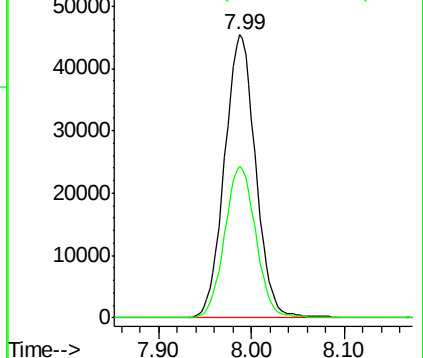
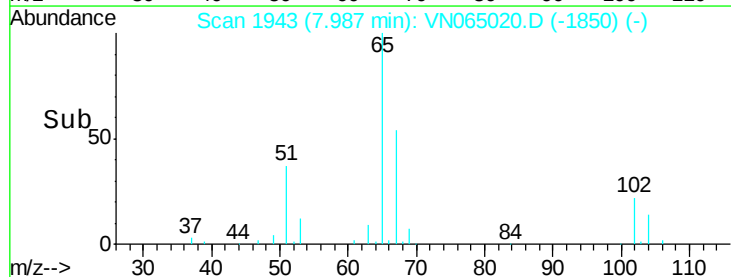


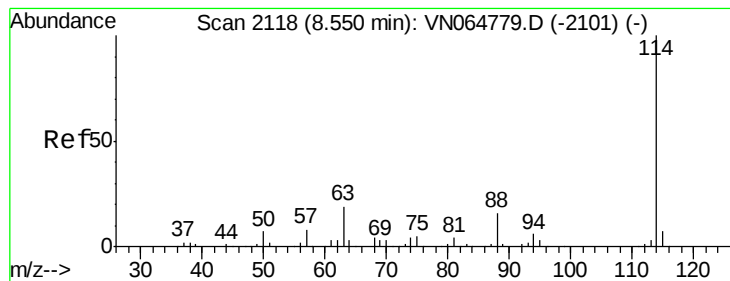
#33
1,2-Dichloroethane-d4
Concen: 56.554 ug/l
RT: 7.99 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN065020.D
Acq: 9 Dec 2020 15:02

Tgt Ion: 65 Resp: 105541
Ion Ratio Lower Upper
65 100
67 53.6 0.0 108.2



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: VN065020.D

Acq: 9 Dec 2020 15:02

Instrument :

MSVOA_N

ClientSampleId :

PB133472ZHE#01

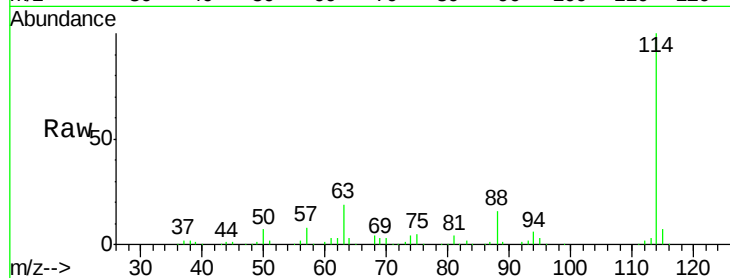
Tot Ion:114 Resp: 300438

Ion Ratio Lower Upper

114 100

63 19.4 0.0 38.6

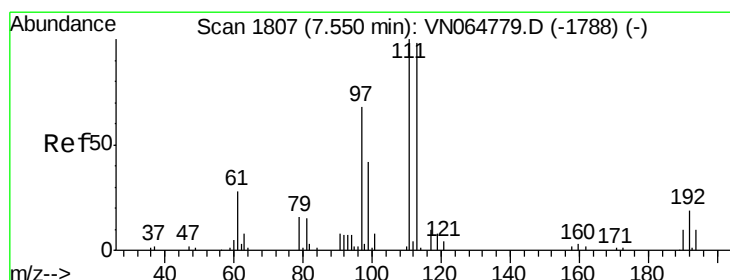
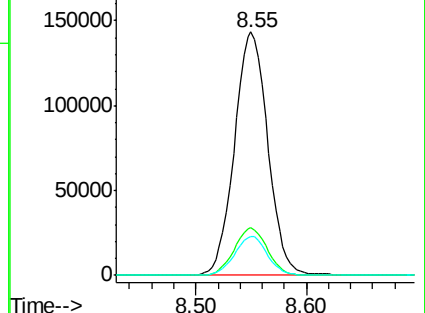
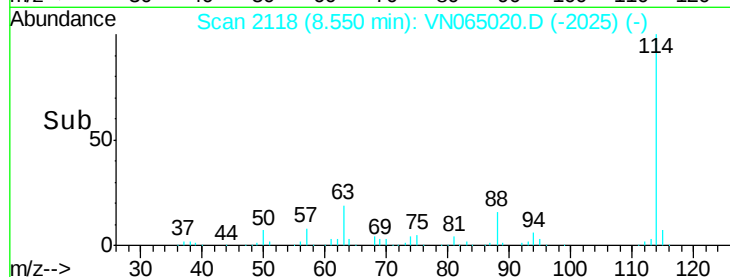
88 16.2 0.0 32.6



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: 55.158 ug/l

RT: 7.55 min Scan# 1806

Delta R.T. -0.00 min

Lab File: VN065020.D

Acq: 9 Dec 2020 15:02

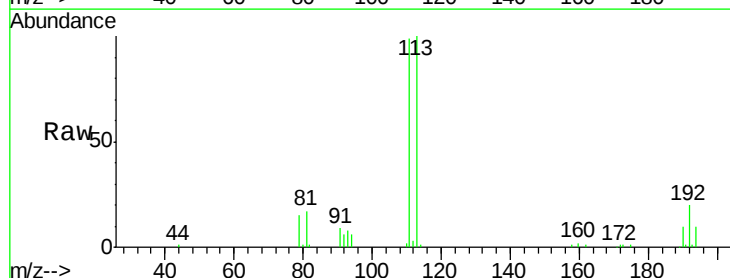
Tgt Ion:113 Resp: 99159

Ion Ratio Lower Upper

113 100

111 98.9 81.6 122.4

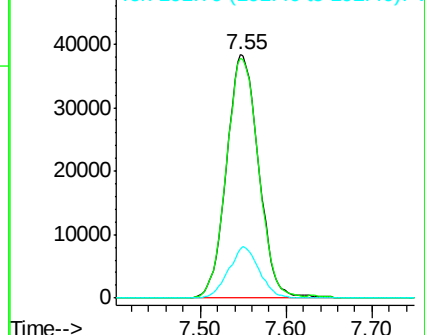
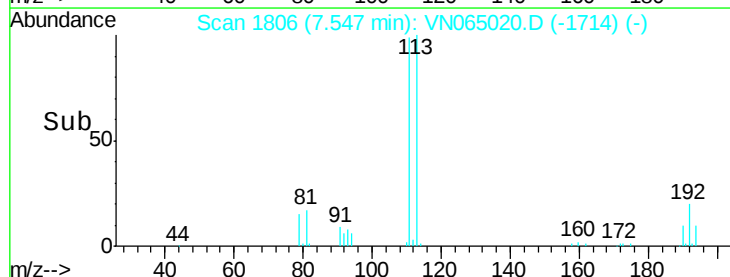
192 20.1 16.2 24.2

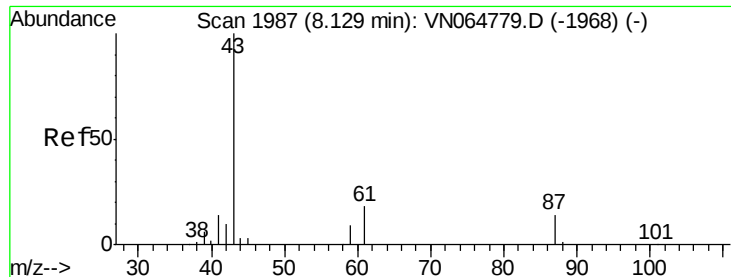


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 3.462 ug/l

RT: 8.13 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN065020.D

Acq: 9 Dec 2020 15:02

Instrument :

MSVOA_N

ClientSampleId :

PB133472ZHE#01

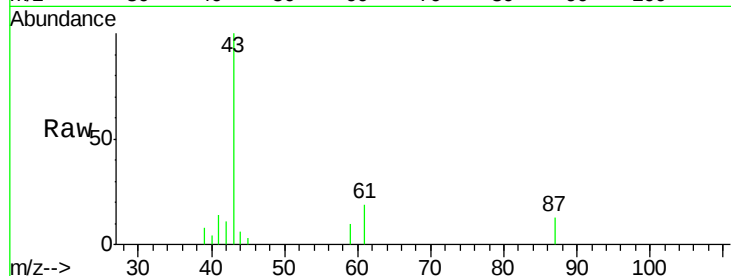
Tot Ion: 43 Resp: 14944

Ion Ratio Lower Upper

43 100

61 18.9 17.2 25.8

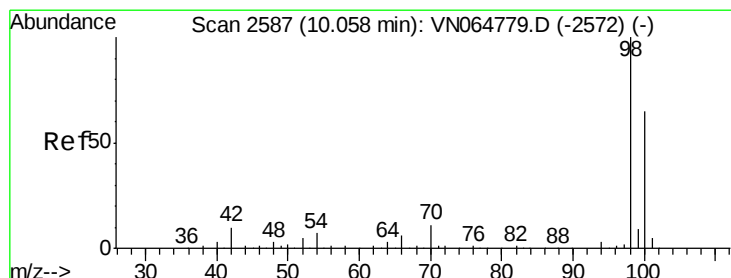
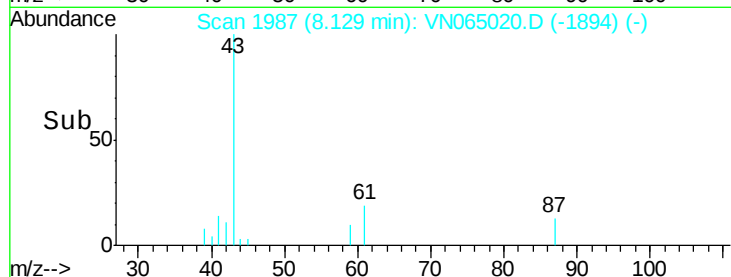
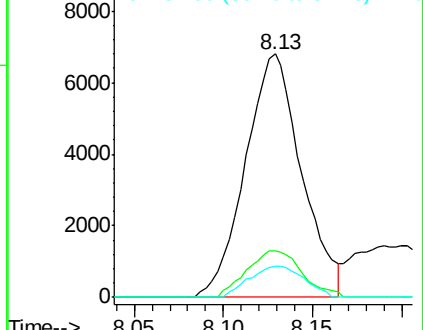
87 12.5 11.4 17.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#50

Toluene-d8

Concen: 53.677 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN065020.D

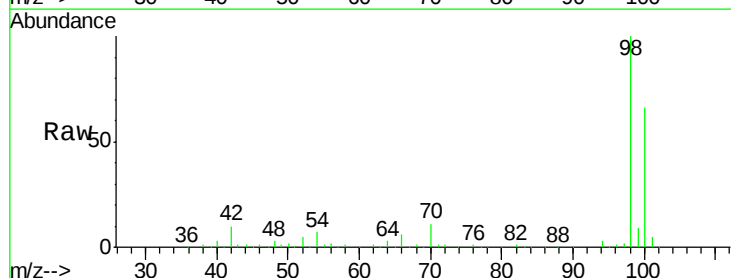
Acq: 9 Dec 2020 15:02

Tgt Ion: 98 Resp: 394274

Ion Ratio Lower Upper

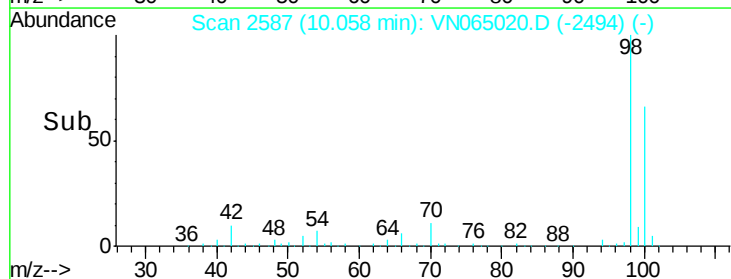
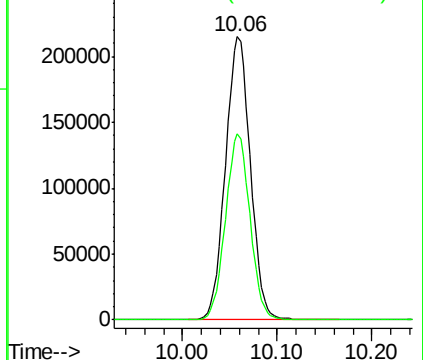
98 100

100 64.5 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

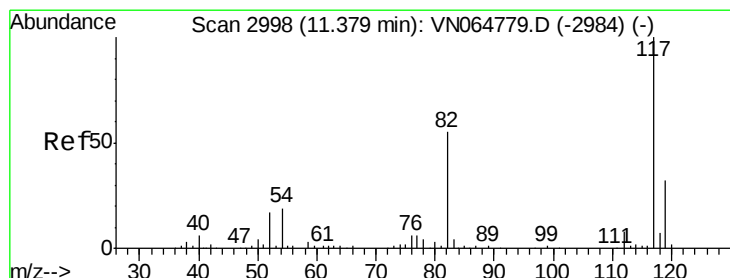
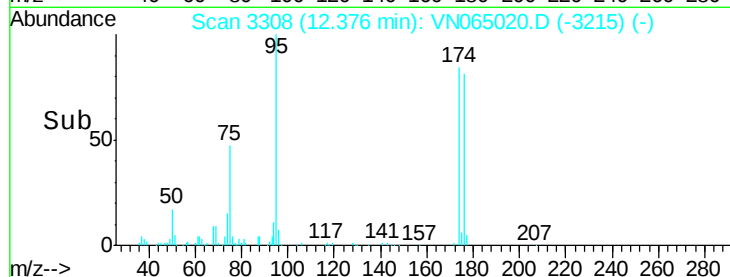
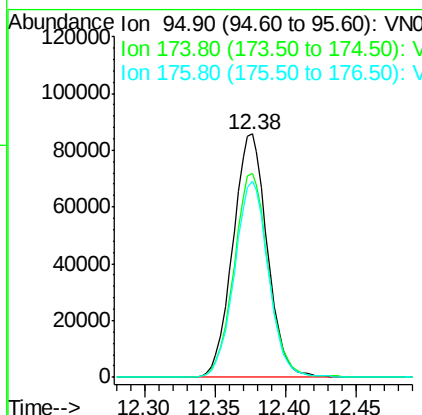
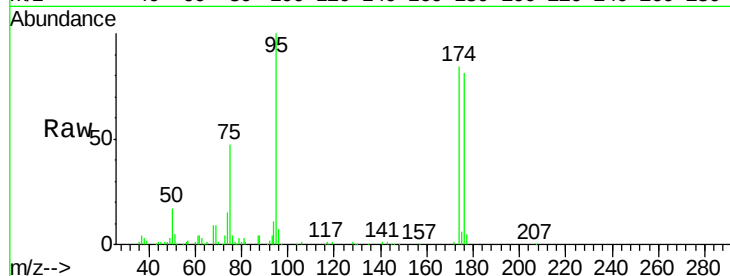




#62
4-Bromofluorobenzene
Concen: 55.662 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN065020.D
Acq: 9 Dec 2020 15:02

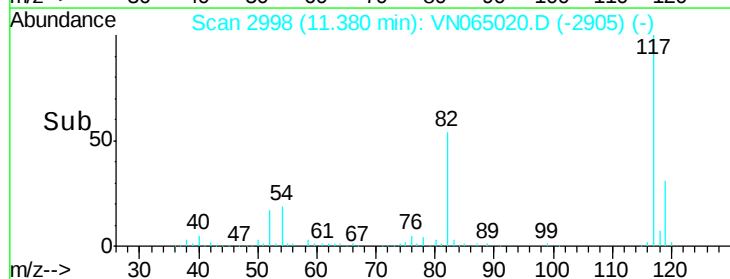
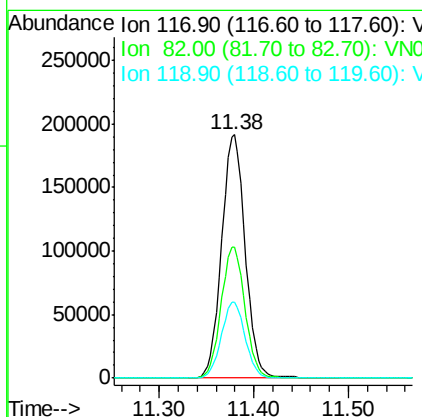
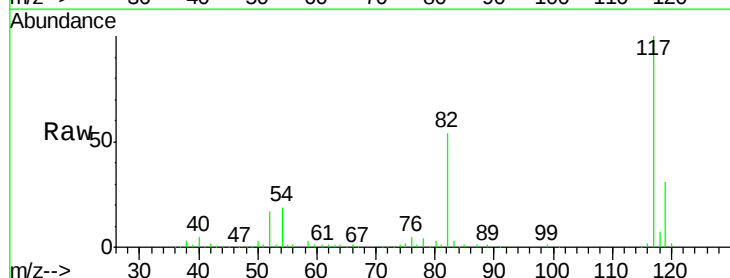
Instrument :
MSVOA_N
ClientSampleId :
PB133472ZHE#01

Tot Ion: 95 Resp: 146322
Ion Ratio Lower Upper
95 100
174 84.0 0.0 160.4
176 79.6 0.0 158.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN065020.D
Acq: 9 Dec 2020 15:02

Tgt Ion: 117 Resp: 331722
Ion Ratio Lower Upper
117 100
82 53.8 44.2 66.2
119 31.4 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN065020.D

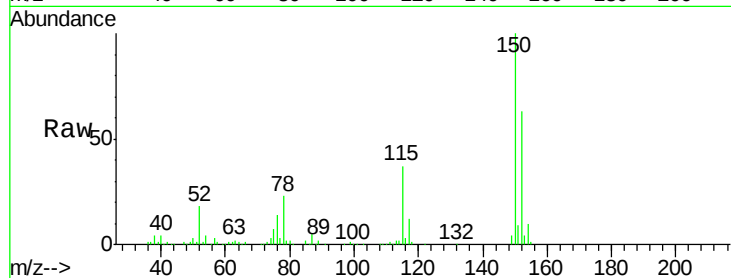
Acq: 9 Dec 2020 15:02

Instrument :

MSVOA_N

ClientSampleId :

PB133472ZHE#01



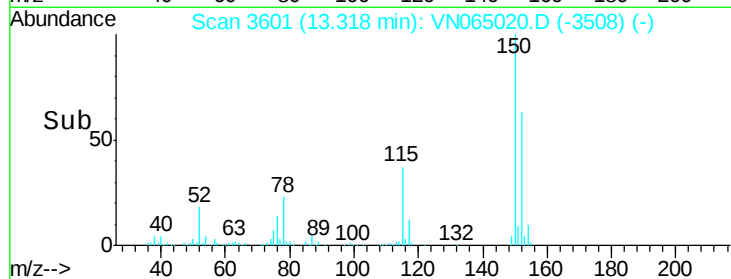
Tot Ion:152 Resp: 136992

Ion Ratio Lower Upper

152 100

115 58.3 29.7 89.1

150 157.1 0.0 350.6



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

