

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120920\
 Data File : VN065024.D
 Acq On : 9 Dec 2020 16:38
 Operator : JC/MD
 Sample : PB133472ZHE#05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB133472ZHE#05

Quant Time: Dec 10 04:45:14 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	164401	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	318760	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	334824	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	140325	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	107764	56.38	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery	=	112.76%	
35) Dibromofluoromethane	7.55	113	98953	51.88	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery	=	103.76%	
50) Toluene-d8	10.06	98	403028	51.71	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery	=	103.42%	
62) 4-Bromofluorobenzene	12.38	95	149660	53.66	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery	=	107.32%	

Target Compounds

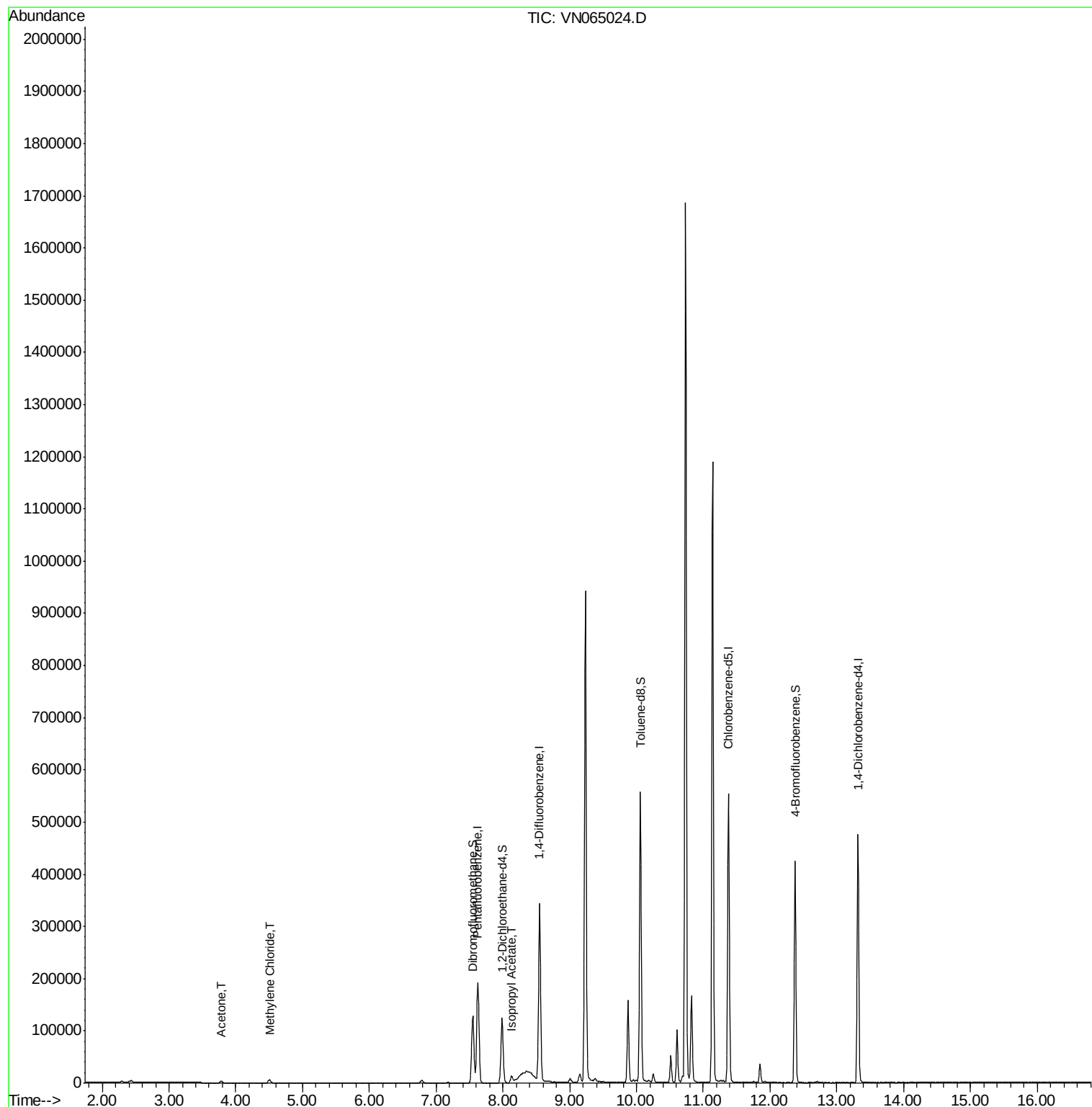
					Qvalue	
16) Acetone	3.78	43	5772	9.187	ug/l	94
20) Methylene Chloride	4.51	84	5361	2.723	ug/l #	91
43) Isopropyl Acetate	8.13	43	18893	4.125	ug/l #	88

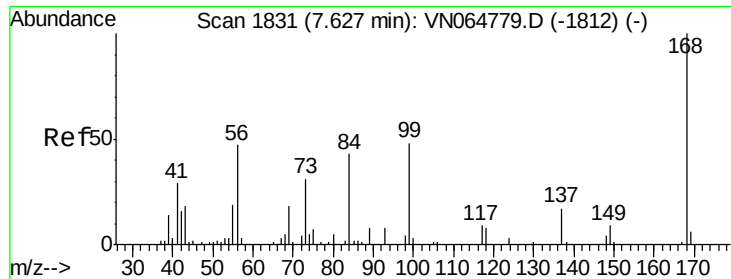
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN065024.D

Acq: 9 Dec 2020 16:38

Instrument :

MSVOA_N

ClientSampleId :

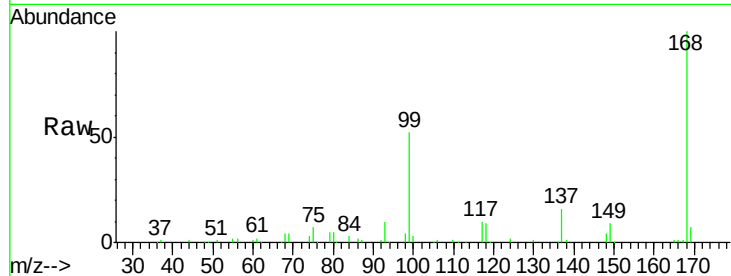
PB133472ZHE#05

Tot Ion:168 Resp: 164401

Ion Ratio Lower Upper

168 100

99 52.4 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.63

60000

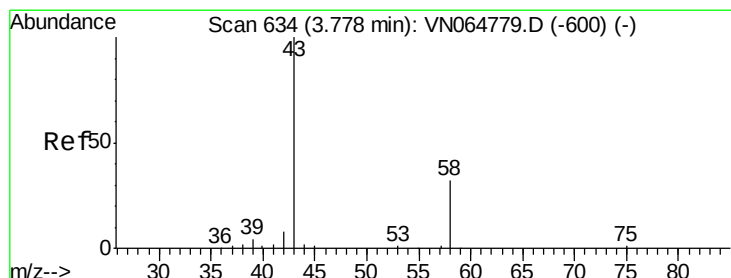
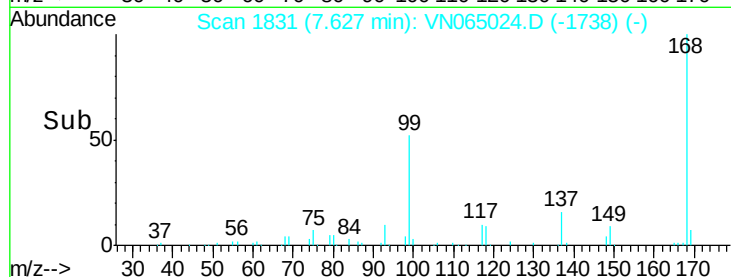
40000

20000

0

7.55 7.60 7.65 7.70

Time-->



#16

Acetone

Concen: 9.187 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.00 min

Lab File: VN065024.D

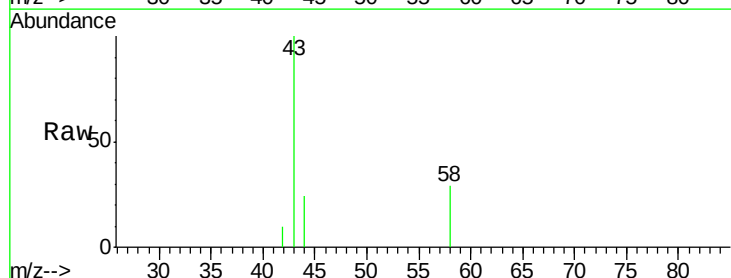
Acq: 9 Dec 2020 16:38

Tgt Ion: 43 Resp: 5772

Ion Ratio Lower Upper

43 100

58 28.8 25.7 38.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.78

2000

1500

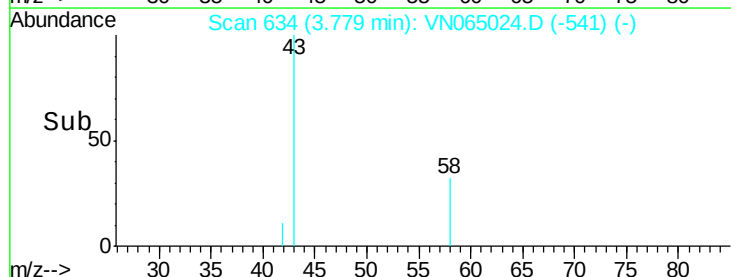
1000

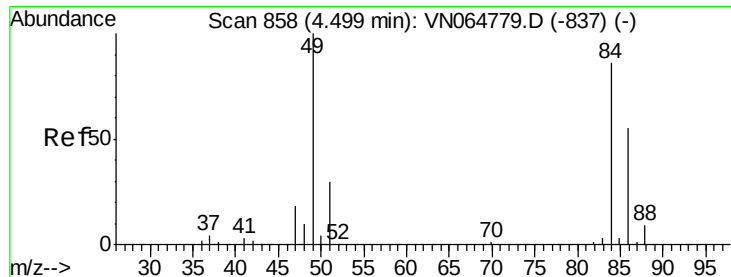
500

0

3.70 3.75 3.80 3.85

Time-->

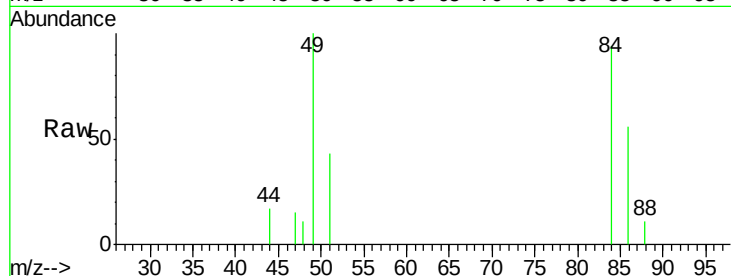




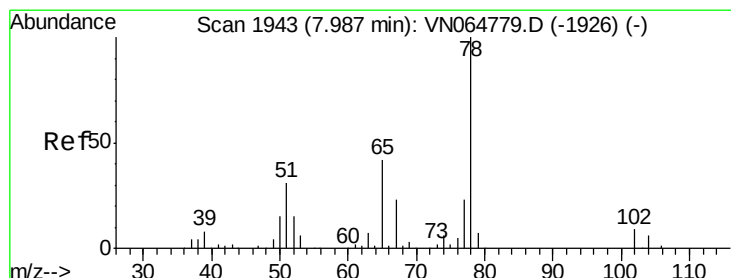
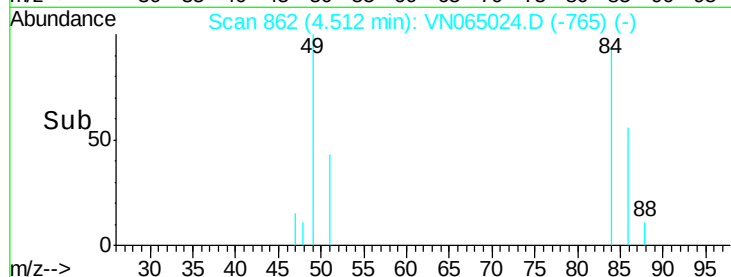
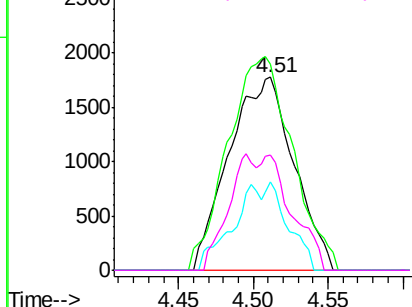
#20
Methvlene Chloride
Concen: 2.723 ug/l
RT: 4.51 min Scan# 862
Delta R.T. 0.01 min
Lab File: VN065024.D
Acq: 9 Dec 2020 16:38

Instrument :
MSVOA_N
ClientSampleId :
PB133472ZHE#05

Tot Ion: 84 Resp: 5361
Ion Ratio Lower Upper
84 100
49 106.8 93.4 140.0
51 45.5 28.2 42.4#
86 59.9 51.7 77.5

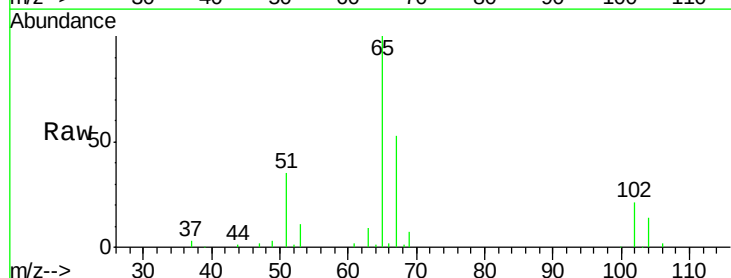


Abundance Ion 83.90 (83.60 to 84.60): VNC
Ion 48.90 (48.60 to 49.60): VNC
Ion 50.90 (50.60 to 51.60): VNC
Ion 85.90 (85.60 to 86.60): VNC

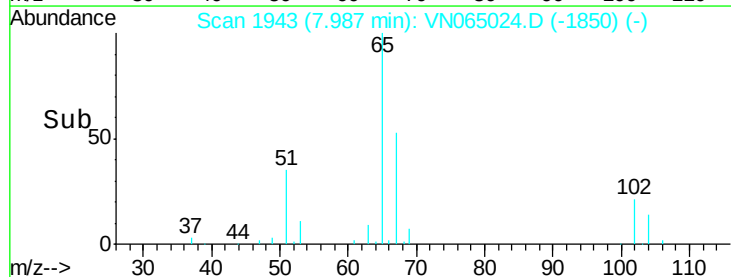
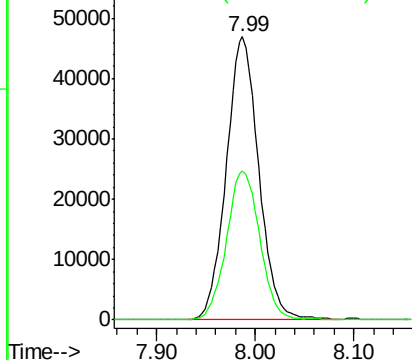


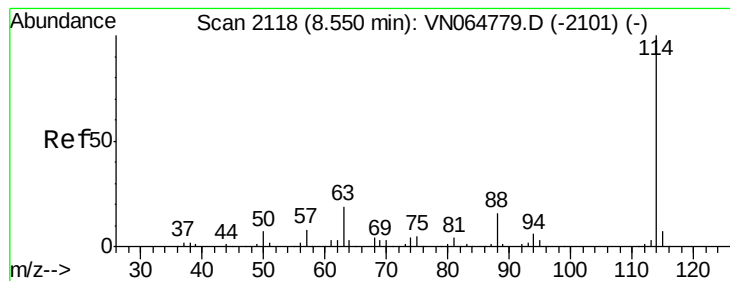
#33
1,2-Dichloroethane-d4
Concen: 56.383 ug/l
RT: 7.99 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN065024.D
Acq: 9 Dec 2020 16:38

Tgt Ion: 65 Resp: 107764
Ion Ratio Lower Upper
65 100
67 53.7 0.0 108.2



Abundance Ion 64.90 (64.60 to 65.60): VNC
Ion 66.90 (66.60 to 67.60): VNC





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN065024.D

Acq: 9 Dec 2020 16:38

Instrument :

MSVOA_N

ClientSampleId :

PB133472ZHE#05

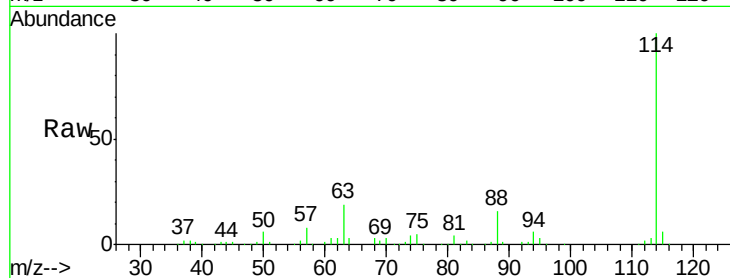
Tot Ion:114 Resp: 318760

Ion Ratio Lower Upper

114 100

63 18.6 0.0 38.6

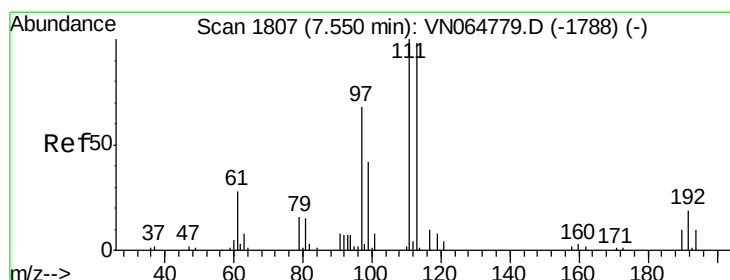
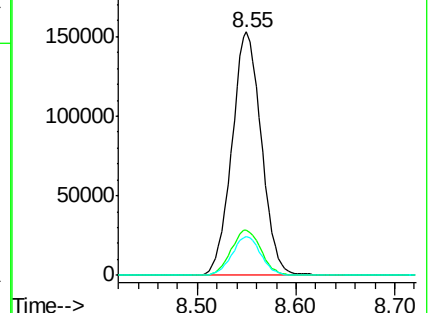
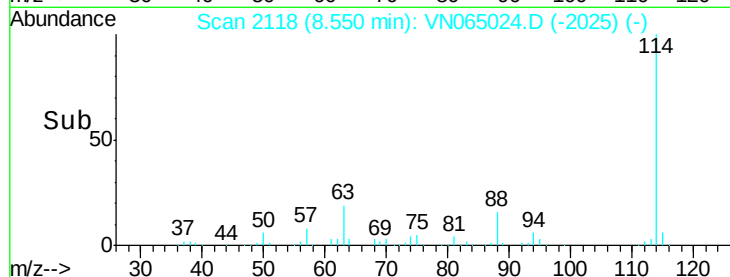
88 16.0 0.0 32.6



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: 51.880 ug/l

RT: 7.55 min Scan# 1806

Delta R.T. -0.00 min

Lab File: VN065024.D

Acq: 9 Dec 2020 16:38

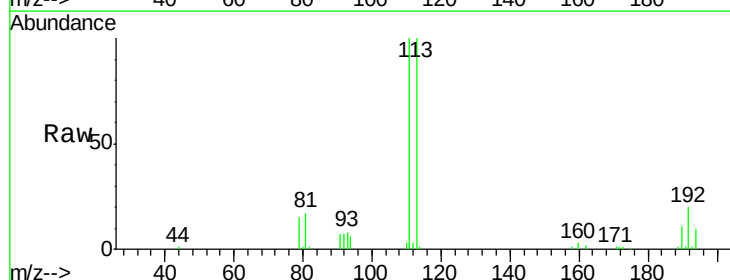
Tgt Ion:113 Resp: 98953

Ion Ratio Lower Upper

113 100

111 102.1 81.6 122.4

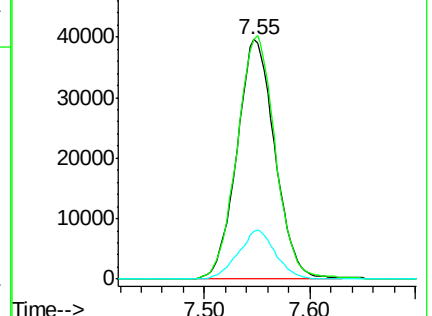
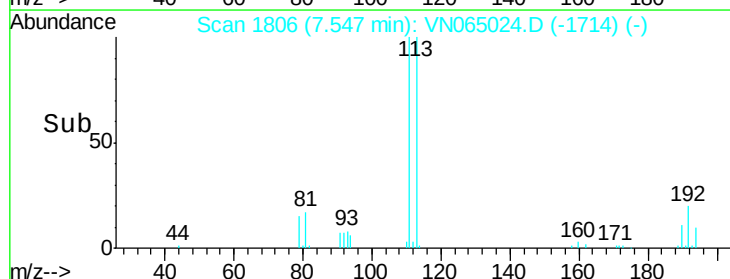
192 20.0 16.2 24.2

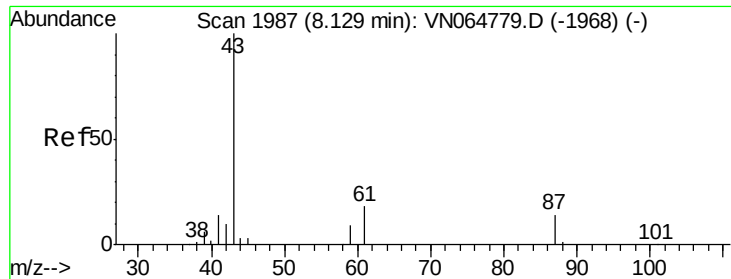


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 4.125 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN065024.D

Acq: 9 Dec 2020 16:38

Instrument :

MSVOA_N

ClientSampleId :

PB133472ZHE#05

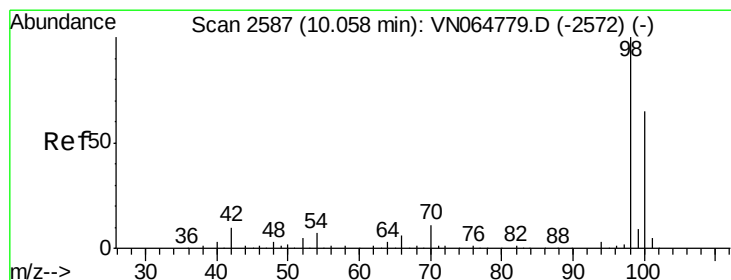
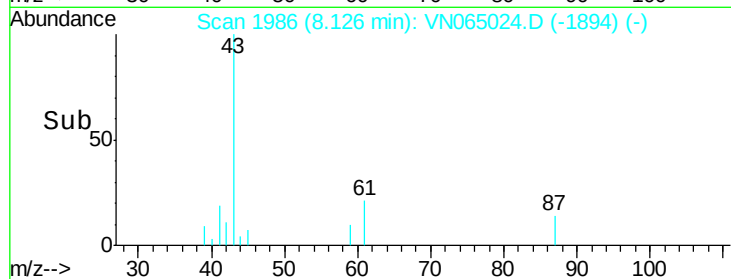
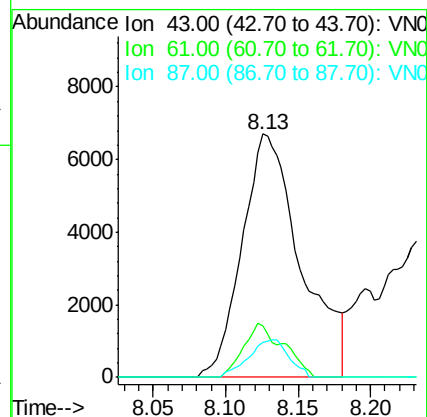
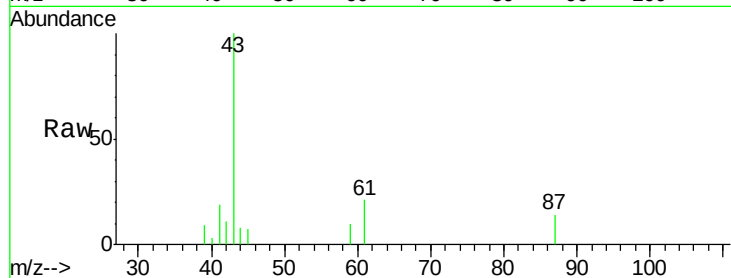
Tot Ion: 43 Resp: 18893

Ion Ratio Lower Upper

43 100

61 15.1 17.2 25.8#

87 10.5 11.4 17.0#



#50

Toluene-d8

Concen: 51.715 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN065024.D

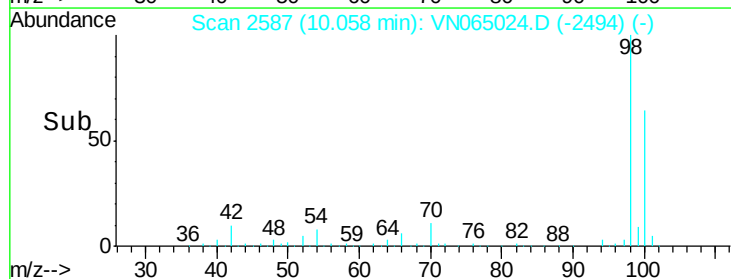
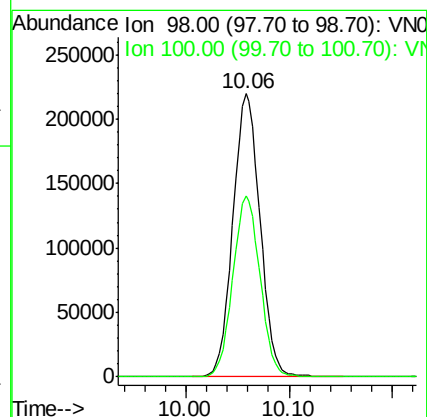
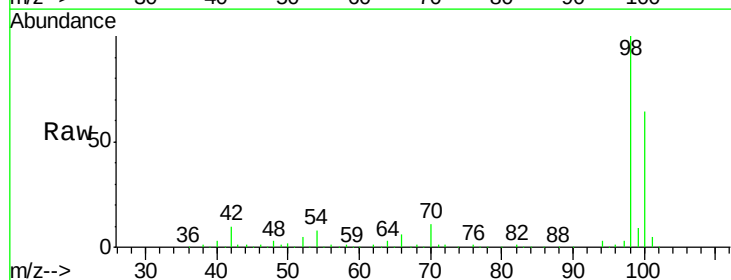
Acq: 9 Dec 2020 16:38

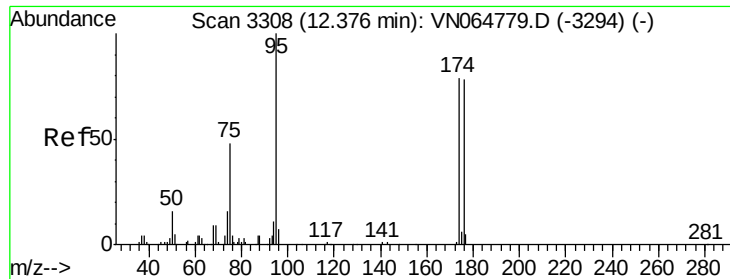
Tgt Ion: 98 Resp: 403028

Ion Ratio Lower Upper

98 100

100 63.9 51.7 77.5

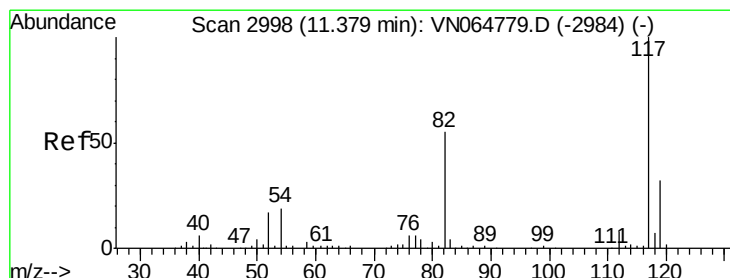
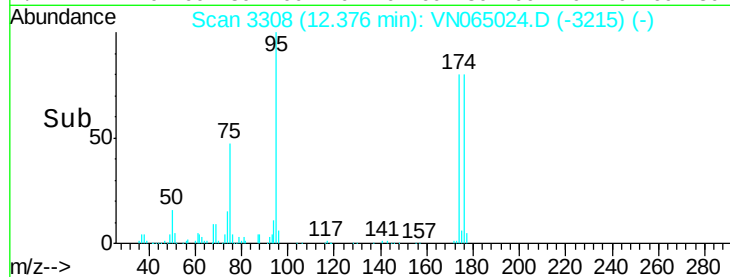
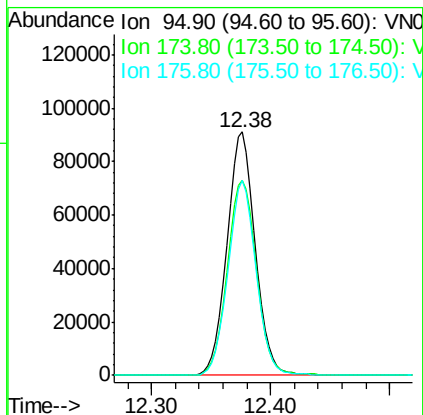
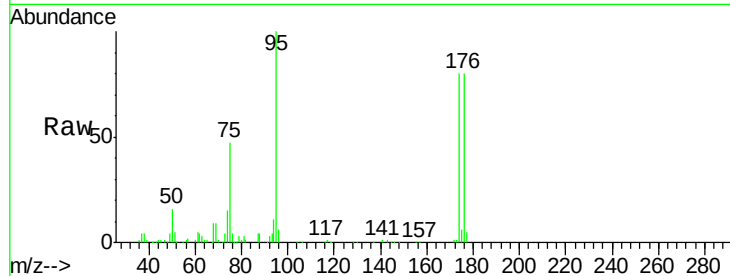




#62
4-Bromofluorobenzene
Concen: 53.659 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN065024.D
Acq: 9 Dec 2020 16:38

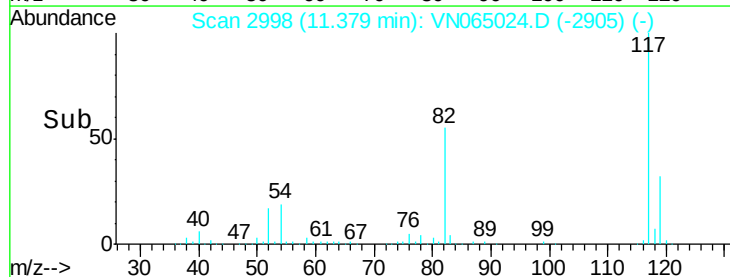
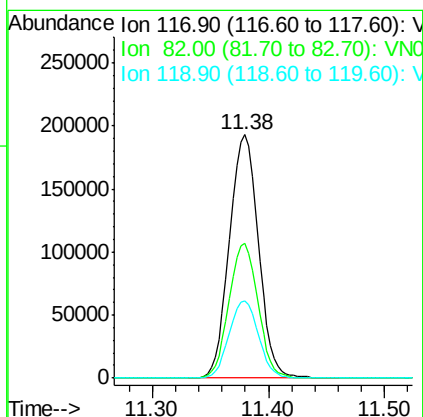
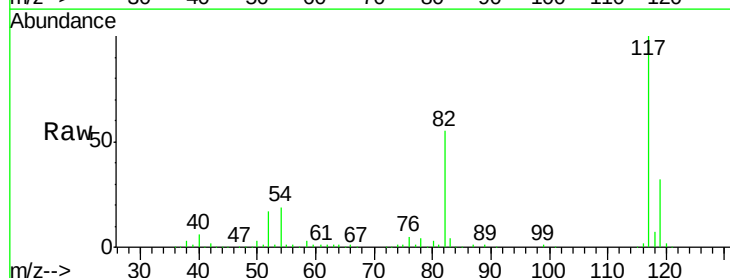
Instrument :
MSVOA_N
ClientSampleId :
PB133472ZHE#05

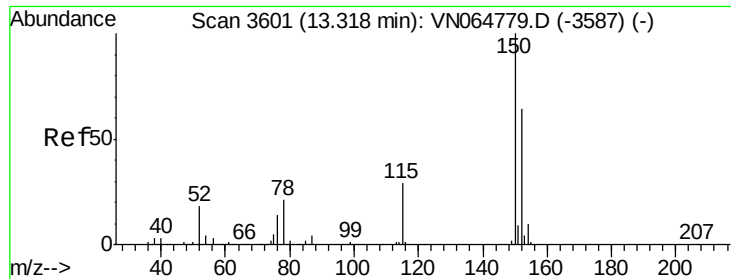
Tot Ion: 95 Resp: 149660
Ion Ratio Lower Upper
95 100
174 82.8 0.0 160.4
176 79.7 0.0 158.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN065024.D
Acq: 9 Dec 2020 16:38

Tgt Ion: 117 Resp: 334824
Ion Ratio Lower Upper
117 100
82 55.1 44.2 66.2
119 31.9 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: VN065024.D

Acq: 9 Dec 2020 16:38

Instrument :

MSVOA_N

ClientSampleId :

PB133472ZHE#05

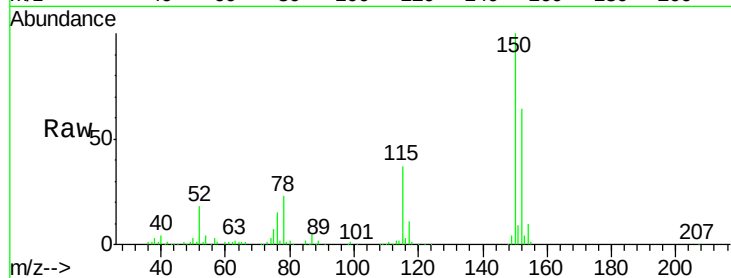
Tot Ion:152 Resp: 140325

Ion Ratio Lower Upper

152 100

115 58.1 29.7 89.1

150 154.8 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

