

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120920\
 Data File : VN065031.D
 Acq On : 9 Dec 2020 19:27
 Operator : JC/MD
 Sample : PB133472ZHE#12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB133472ZHE#12

Quant Time: Dec 10 04:56:08 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	157470	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	317387	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	332752	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	134978	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	106128	57.97	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	115.94%		
35) Dibromofluoromethane	7.55	113	97488	51.33	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	102.66%		
50) Toluene-d8	10.06	98	394874	50.89	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	101.78%		
62) 4-Bromofluorobenzene	12.38	95	145669	52.45	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	104.90%		

Target Compounds

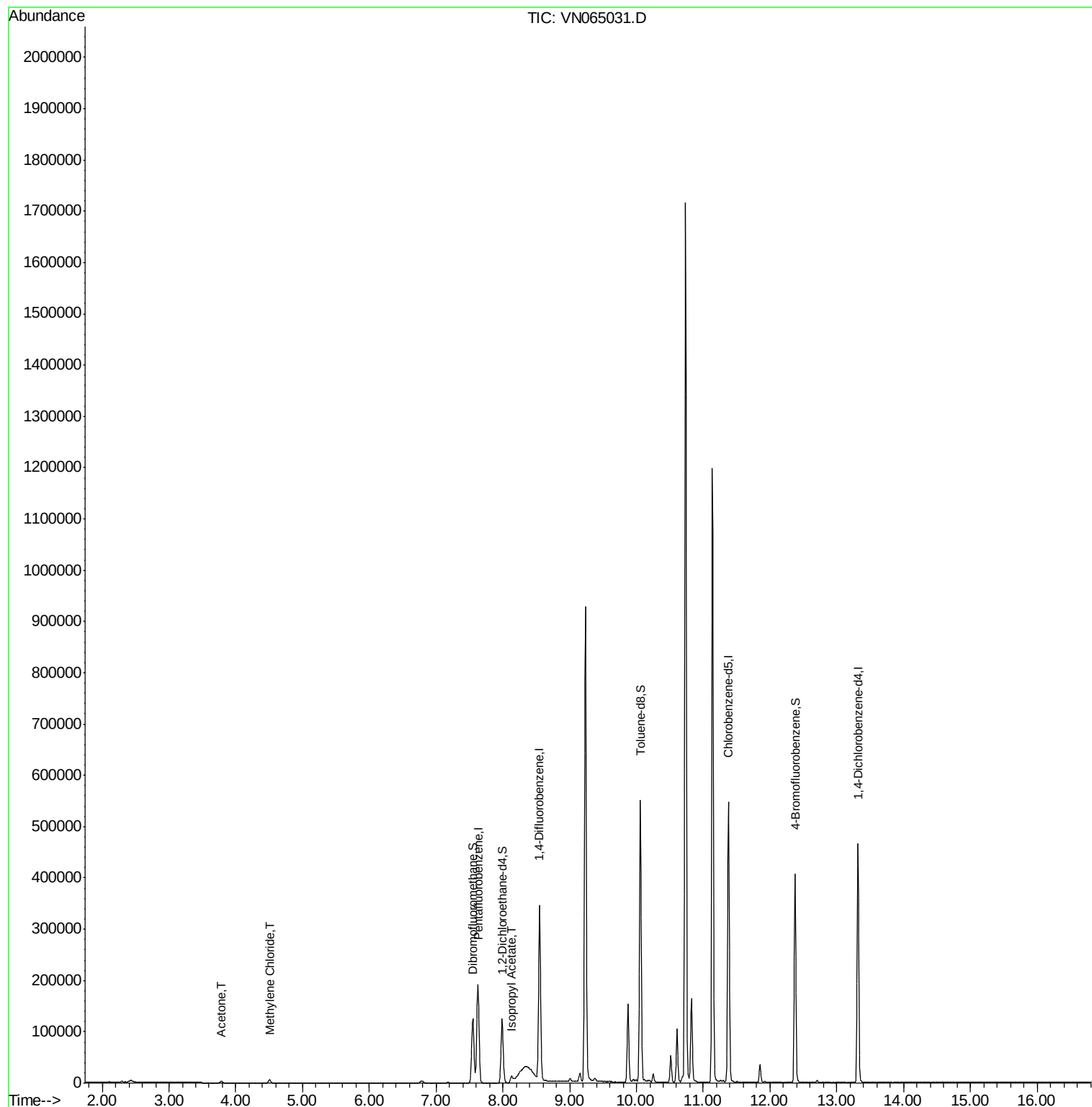
					Qvalue
16) Acetone	3.79	43	5359	8.905 ug/l	100
20) Methylene Chloride	4.51	84	4943	2.621 ug/l	95
43) Isopropyl Acetate	8.13	43	18615	4.082 ug/l #	88

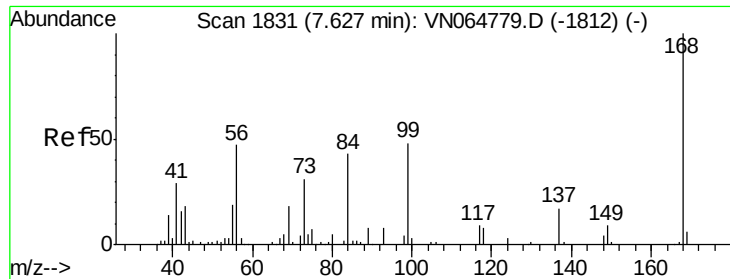
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VN065031.D

Acq: 9 Dec 2020 19:27

Instrument :

MSVOA_N

ClientSampleId :

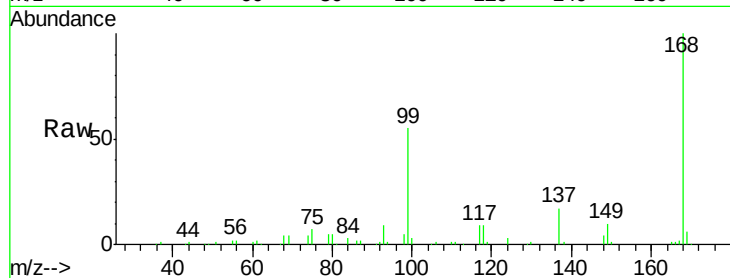
PB133472ZHE#12

Tot Ion:168 Resp: 157470

Ion Ratio Lower Upper

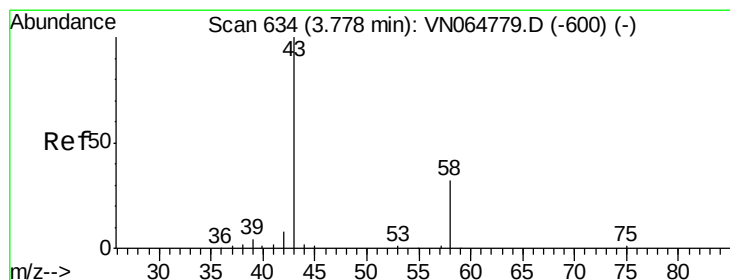
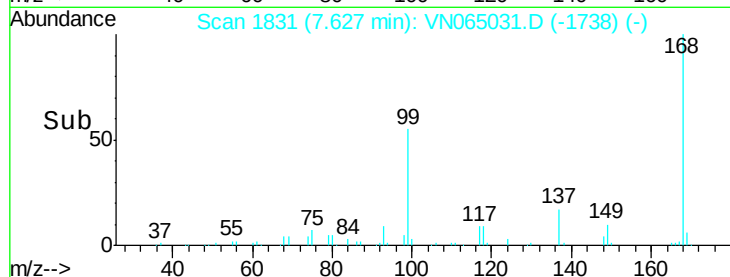
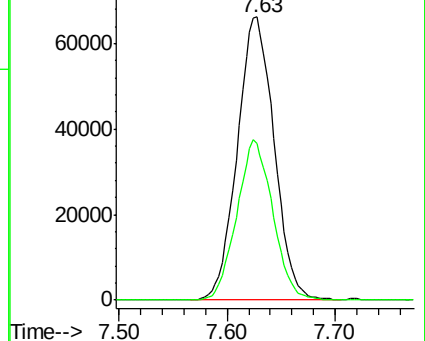
168 100

99 55.4 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 8.905 ug/l

RT: 3.79 min Scan# 636

Delta R.T. 0.01 min

Lab File: VN065031.D

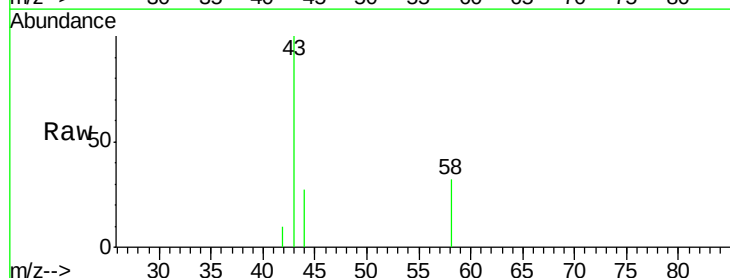
Acq: 9 Dec 2020 19:27

Tgt Ion: 43 Resp: 5359

Ion Ratio Lower Upper

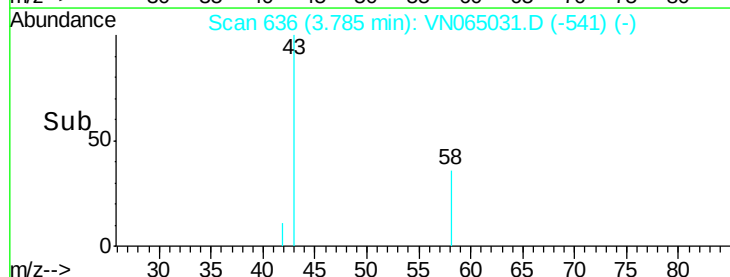
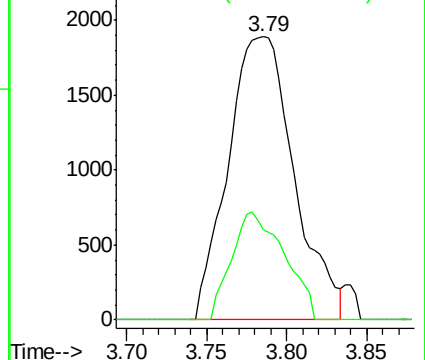
43 100

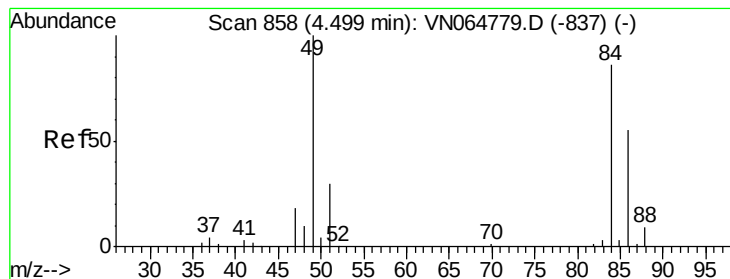
58 31.9 25.7 38.5



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO





#20

Methylene Chloride

Concen: 2.621 ug/l

RT: 4.51 min Scan# 860

Delta R.T. 0.01 min

Lab File: VN065031.D

Acq: 9 Dec 2020 19:27

Instrument :

MSVOA_N

ClientSampleId :

PB133472ZHE#12

Tot Ion: 84 Resp: 4943

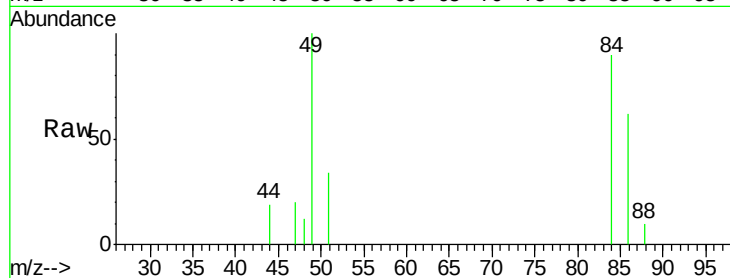
Ion Ratio Lower Upper

84 100

49 111.2 93.4 140.0

51 38.3 28.2 42.4

86 69.3 51.7 77.5

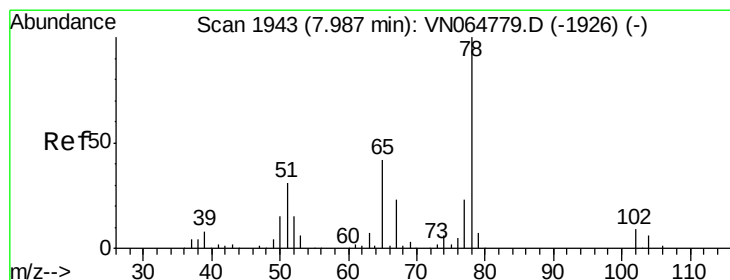
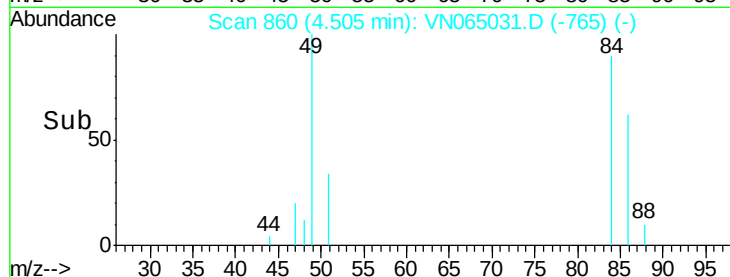
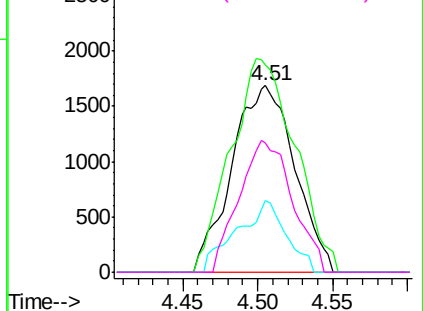


Abundance Ion 83.90 (83.60 to 84.60): VN0

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: 57.971 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN065031.D

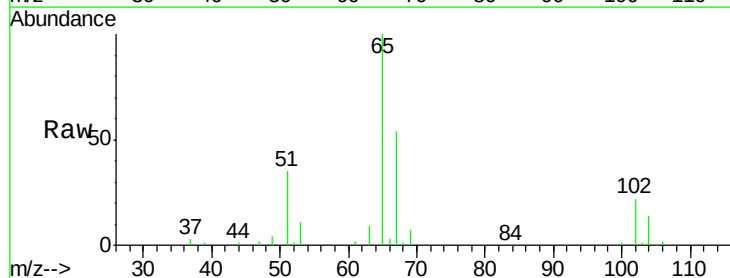
Acq: 9 Dec 2020 19:27

Tgt Ion: 65 Resp: 106128

Ion Ratio Lower Upper

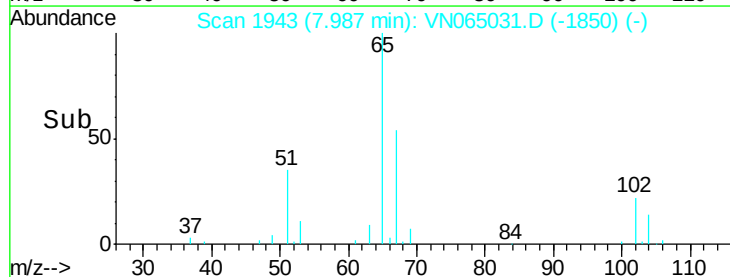
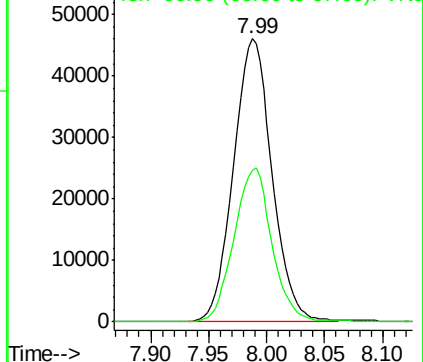
65 100

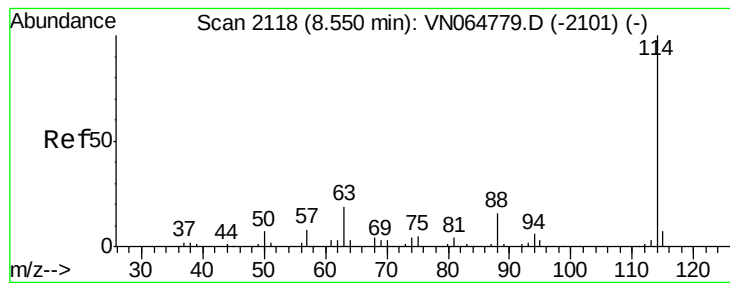
67 53.5 0.0 108.2



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: VN065031.D

Acq: 9 Dec 2020 19:27

Instrument :

MSVOA_N

ClientSampleId :

PB133472ZHE#12

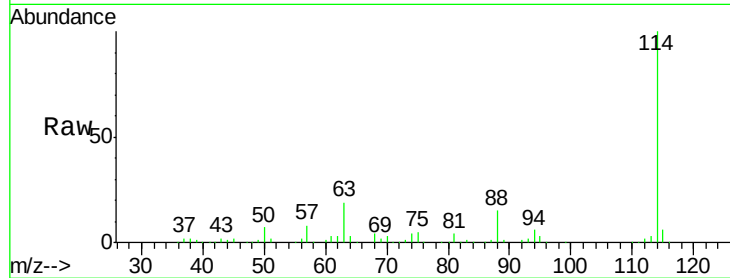
Tot Ion:114 Resp: 317387

Ion Ratio Lower Upper

114 100

63 19.4 0.0 38.6

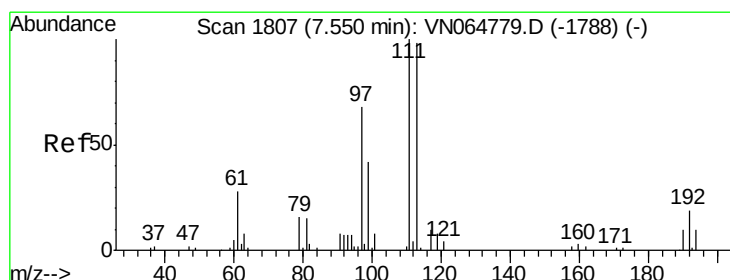
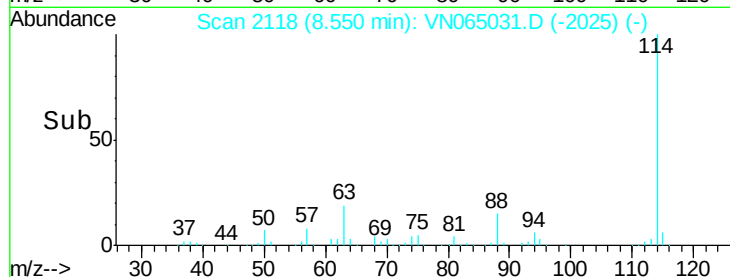
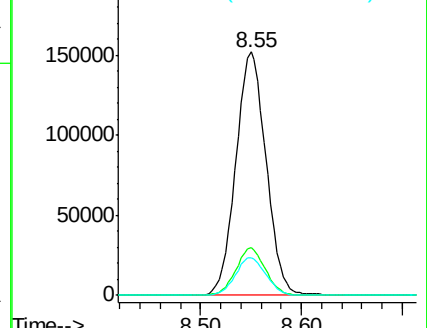
88 15.4 0.0 32.6



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: 51.333 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN065031.D

Acq: 9 Dec 2020 19:27

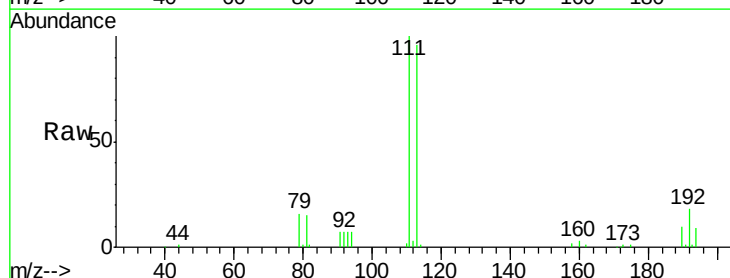
Tgt Ion:113 Resp: 97488

Ion Ratio Lower Upper

113 100

111 103.6 81.6 122.4

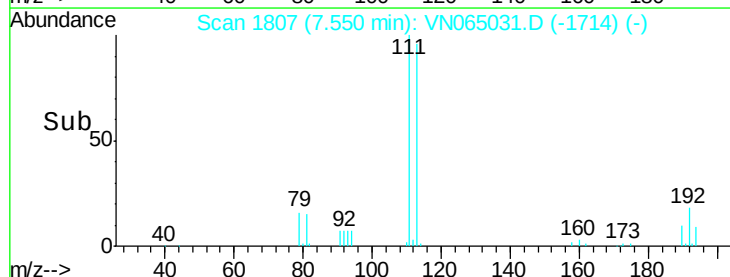
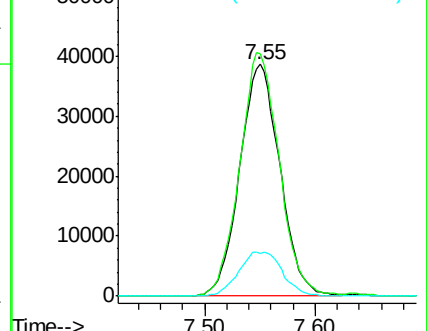
192 20.6 16.2 24.2

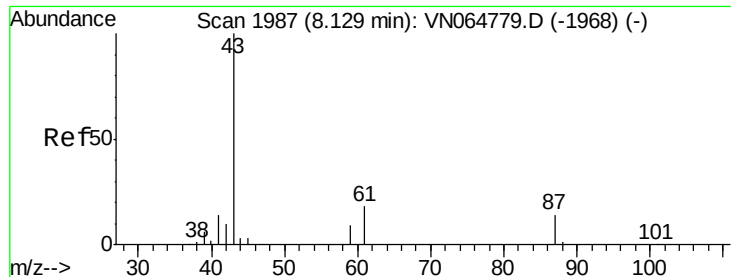


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 4.082 ug/l

RT: 8.13 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN065031.D

Acq: 9 Dec 2020 19:27

Instrument :

MSVOA_N

ClientSampleId :

PB133472ZHE#12

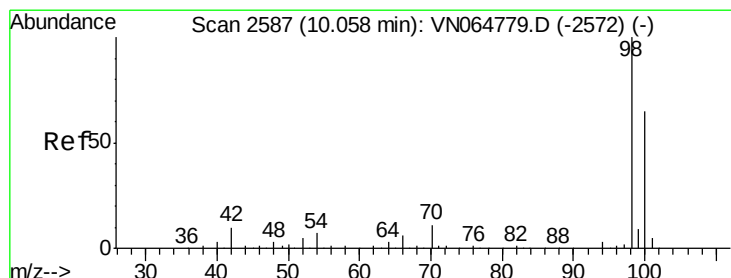
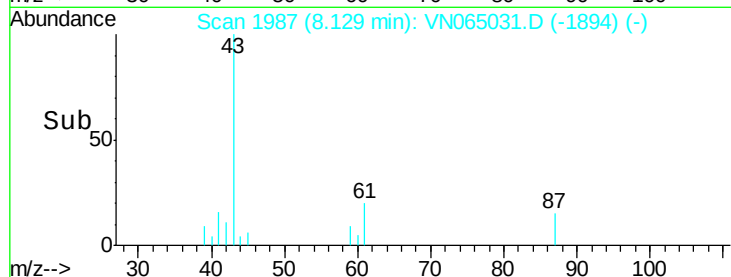
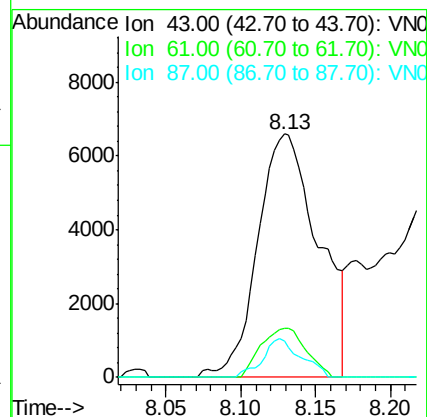
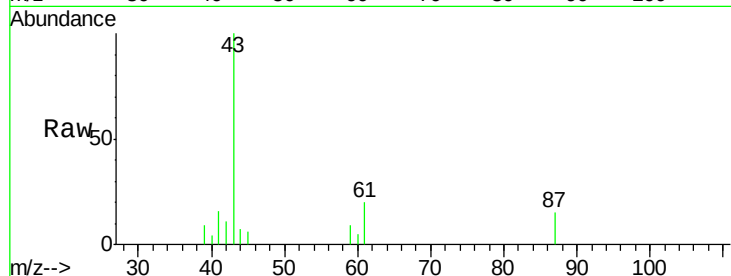
Tot Ion: 43 Resp: 18615

Ion Ratio Lower Upper

43 100

61 15.0 17.2 25.8#

87 10.0 11.4 17.0#



#50

Toluene-d8

Concen: 50.887 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN065031.D

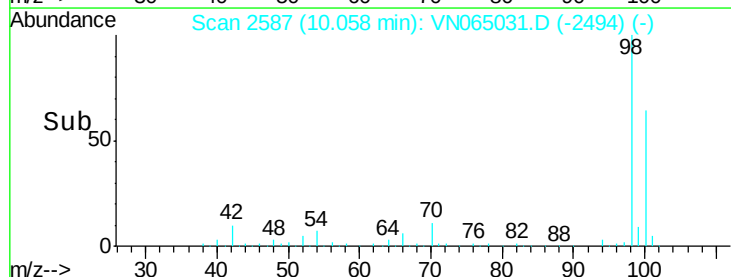
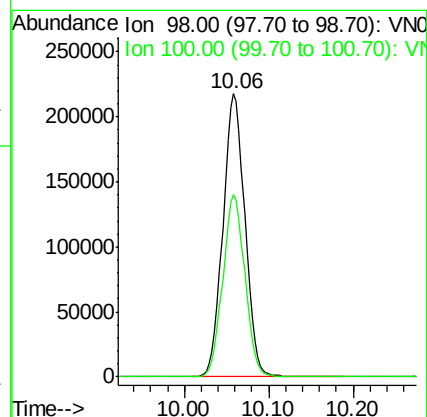
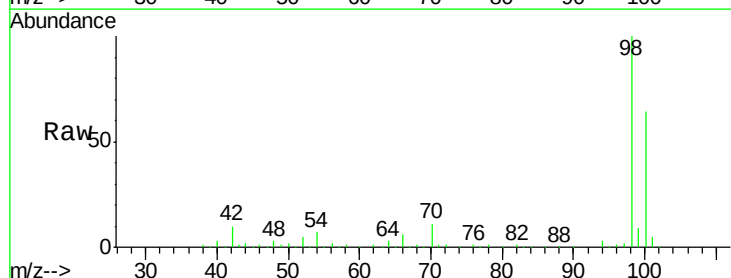
Acq: 9 Dec 2020 19:27

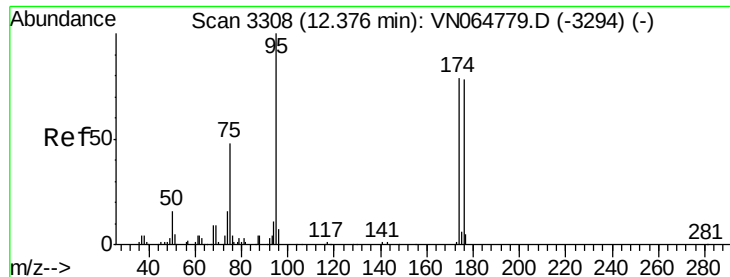
Tgt Ion: 98 Resp: 394874

Ion Ratio Lower Upper

98 100

100 64.5 51.7 77.5

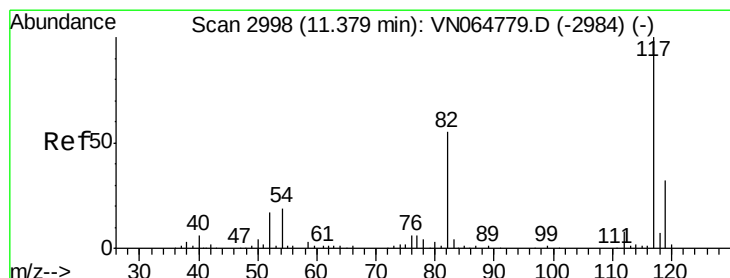
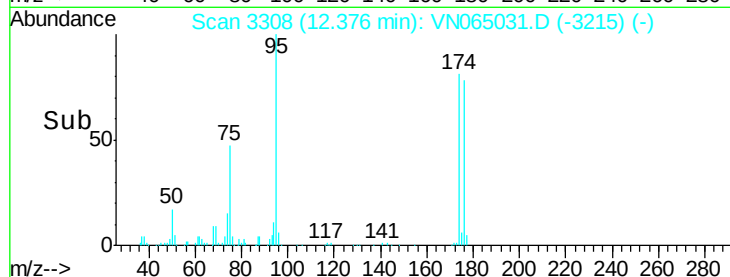
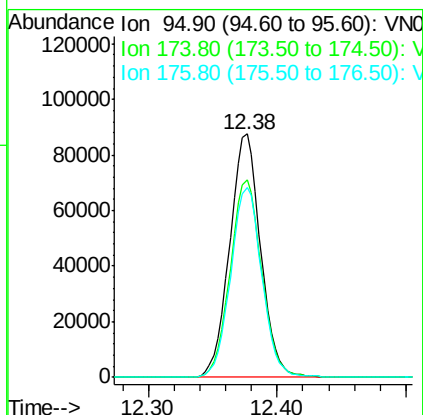
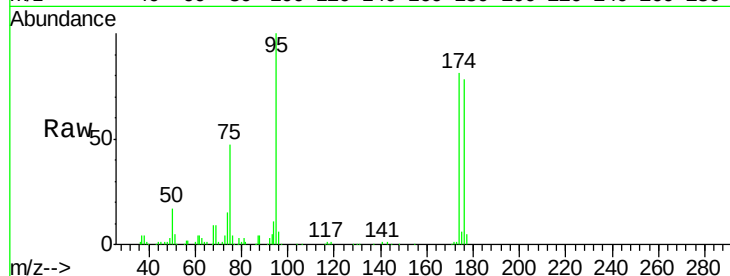




#62
4-Bromofluorobenzene
Concen: 52.454 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN065031.D
Acq: 9 Dec 2020 19:27

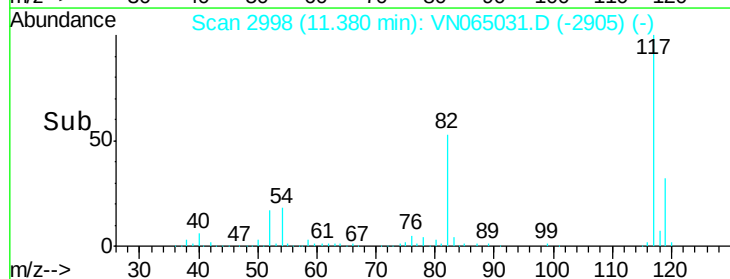
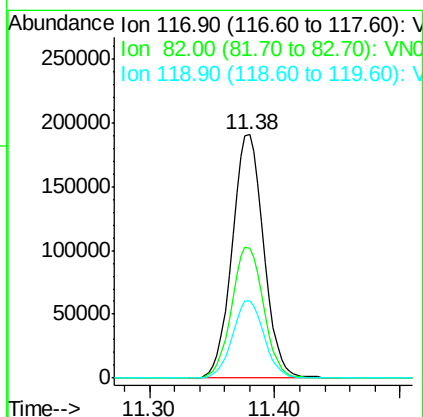
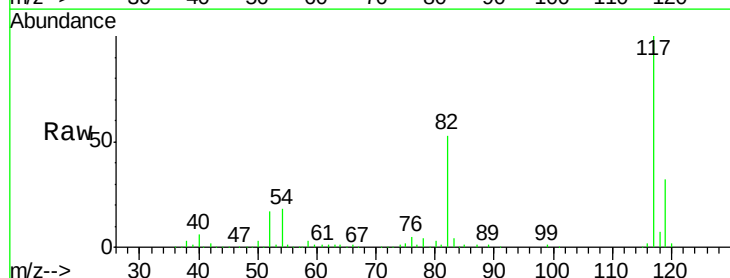
Instrument :
MSVOA_N
ClientSampleId :
PB133472ZHE#12

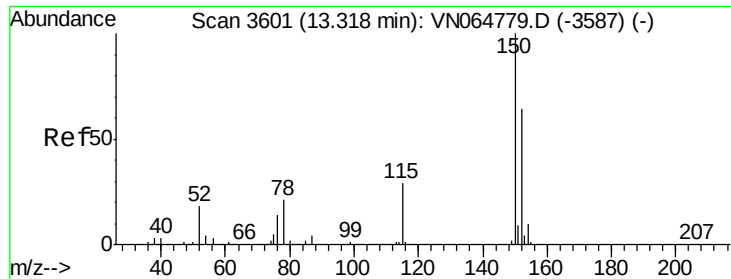
Tot Ion	Ratio	Lower	Upper
95	100		
174	83.2	0.0	160.4
176	78.8	0.0	158.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN065031.D
Acq: 9 Dec 2020 19:27

Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.5	44.2	66.2
119	32.0	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: VN065031.D

Acq: 9 Dec 2020 19:27

Instrument :

MSVOA_N

ClientSampleId :

PB133472ZHE#12

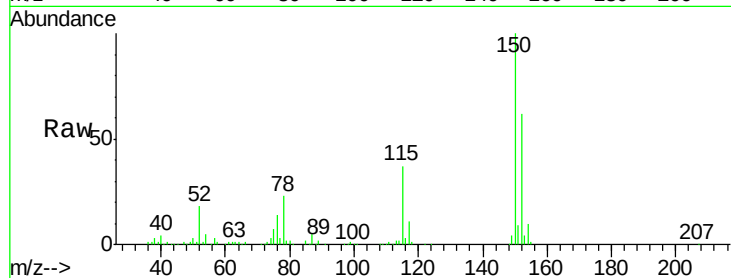
Tot Ion:152 Resp: 134978

Ion Ratio Lower Upper

152 100

115 58.3 29.7 89.1

150 158.8 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

