

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120920\
 Data File : VN065026.D
 Acq On : 9 Dec 2020 17:26
 Operator : JC/MD
 Sample : PB133472ZHE#07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB133472ZHE#07

Quant Time: Dec 10 04:47:59 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	164216	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	324904	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	340713	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	139282	50.00	ug/l	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4		7.99	65	107451	56.28	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	112.56%	
35) Dibromofluoromethane		7.55	113	99400	51.13	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	102.26%	
50) Toluene-d8		10.06	98	408285	51.40	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	102.80%	
62) 4-Bromofluorobenzene		12.38	95	148122	52.10	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	104.20%	

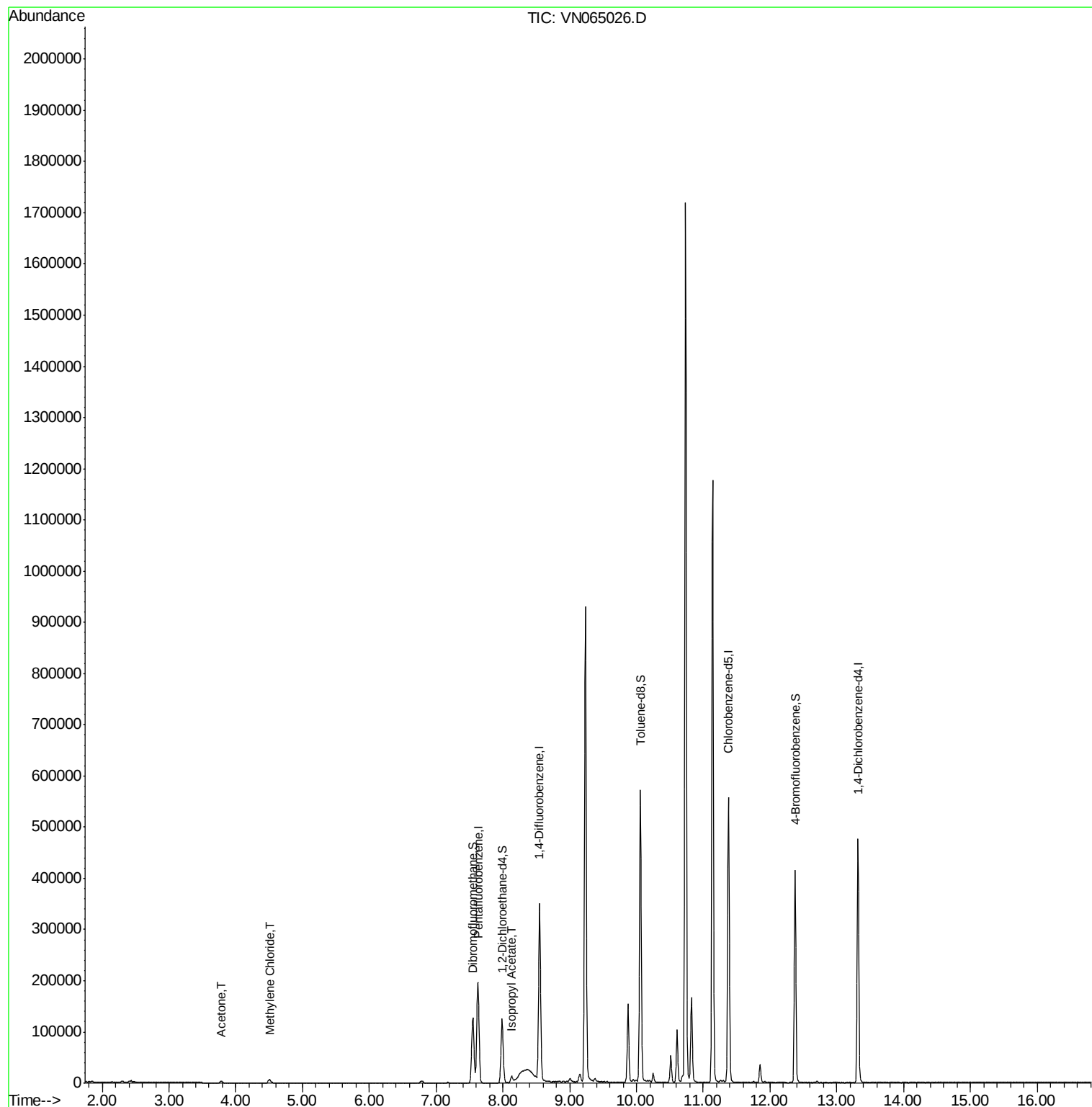
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.79	43	5832	9.293	ug/l	98
20) Methylene Chloride	4.50	84	5675	2.886	ug/l #	82
43) Isopropyl Acetate	8.13	43	16454	3.525	ug/l	97

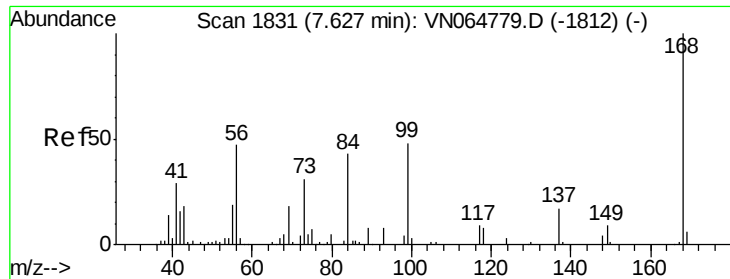
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN065026.D

Acq: 9 Dec 2020 17:26

Instrument :

MSVOA_N

ClientSampleId :

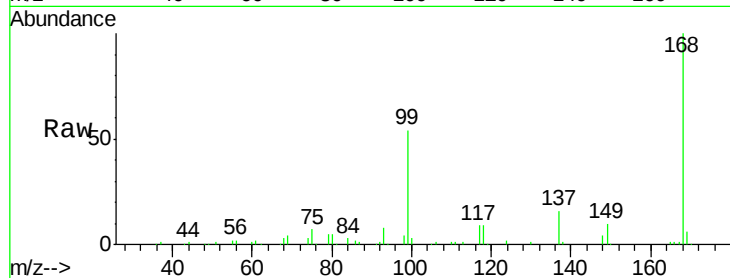
PB133472ZHE#07

Tot Ion:168 Resp: 164216

Ion Ratio Lower Upper

168 100

99 53.7 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

80000

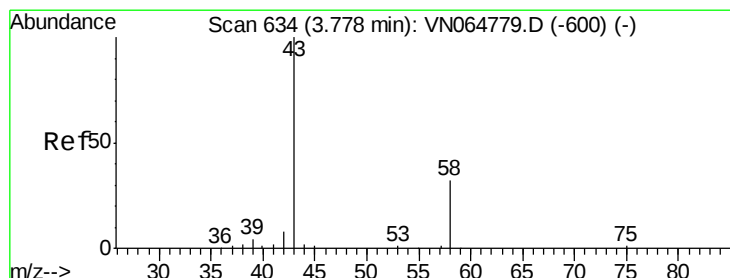
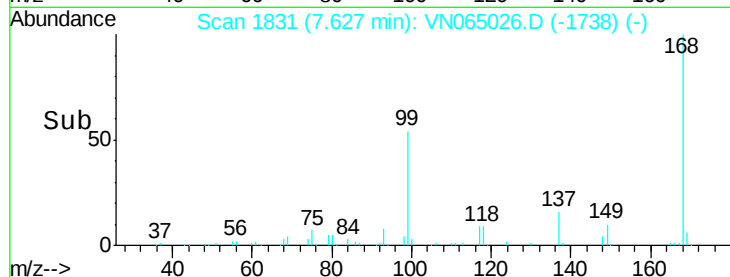
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 9.293 ug/l

RT: 3.79 min Scan# 636

Delta R.T. 0.01 min

Lab File: VN065026.D

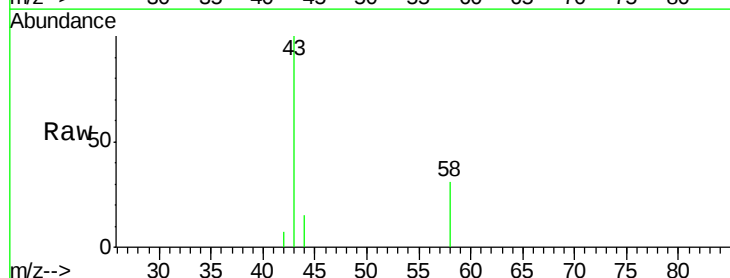
Acq: 9 Dec 2020 17:26

Tgt Ion: 43 Resp: 5832

Ion Ratio Lower Upper

43 100

58 30.9 25.7 38.5



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.79

2500

2000

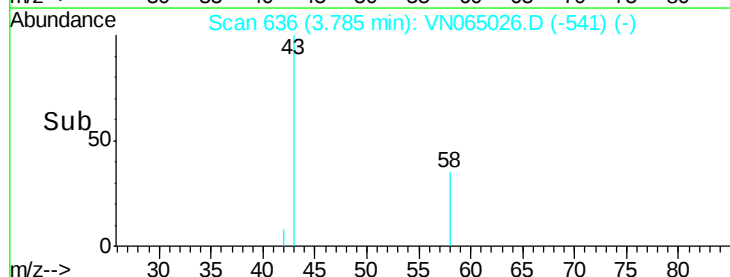
1500

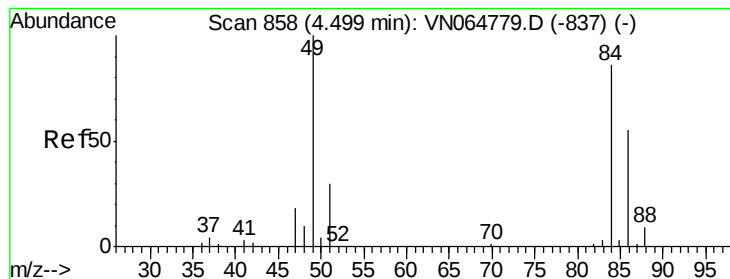
1000

500

0

Time--> 3.70 3.75 3.80 3.85





#20

Methylene Chloride

Concen: 2.886 ug/l

RT: 4.50 min Scan# 859

Delta R.T. 0.00 min

Lab File: VN065026.D

Acq: 9 Dec 2020 17:26

Instrument :

MSVOA_N

ClientSampleId :

PB133472ZHE#07

Tot Ion: 84 Resp: 5675

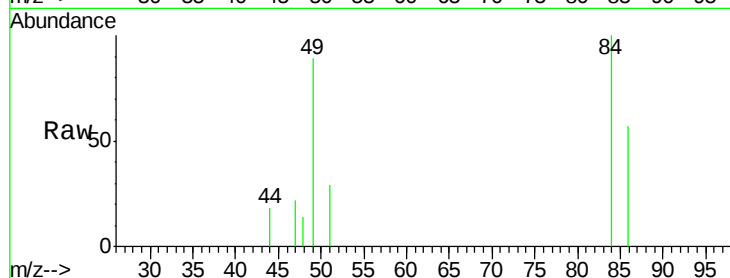
Ion Ratio Lower Upper

84 100

49 89.4 93.4 140.0#

51 29.2 28.2 42.4

86 57.0 51.7 77.5

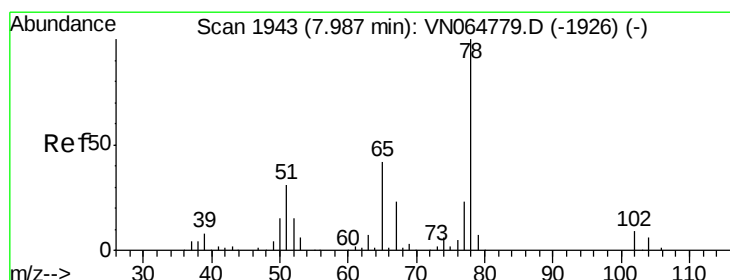
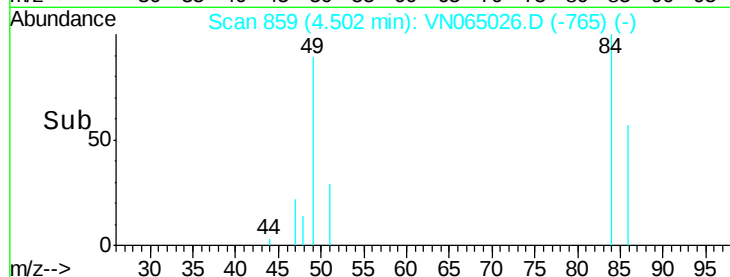
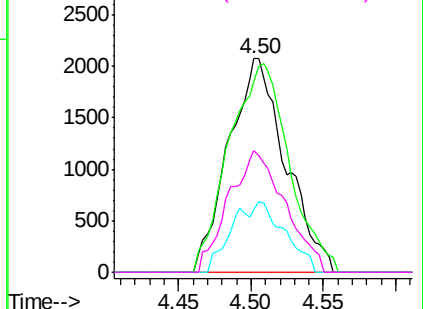


Abundance Ion 83.90 (83.60 to 84.60): VN0

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: 56.283 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN065026.D

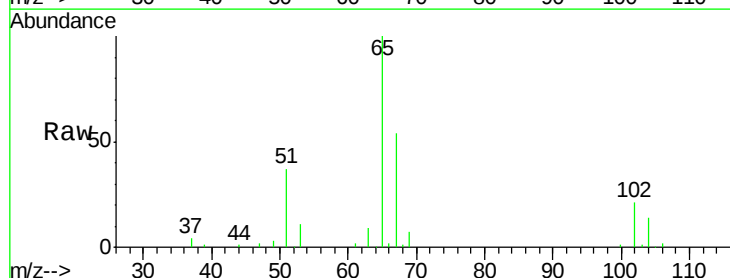
Acq: 9 Dec 2020 17:26

Tgt Ion: 65 Resp: 107451

Ion Ratio Lower Upper

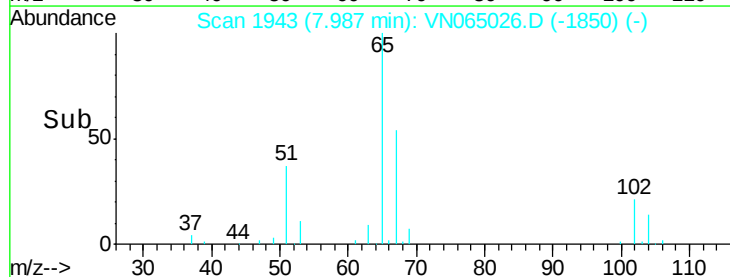
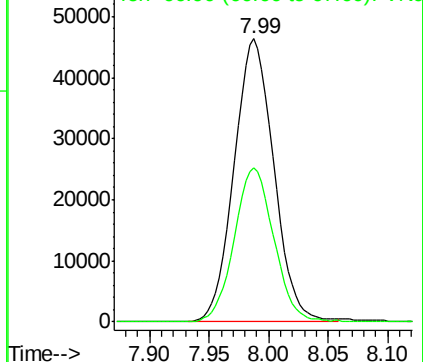
65 100

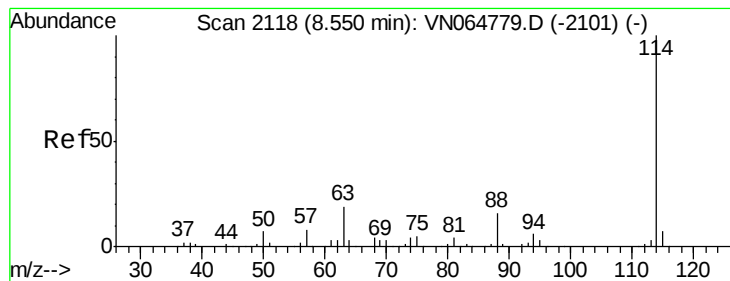
67 54.1 0.0 108.2



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: VN065026.D

Acq: 9 Dec 2020 17:26

Instrument :

MSVOA_N

ClientSampleId :

PB133472ZHE#07

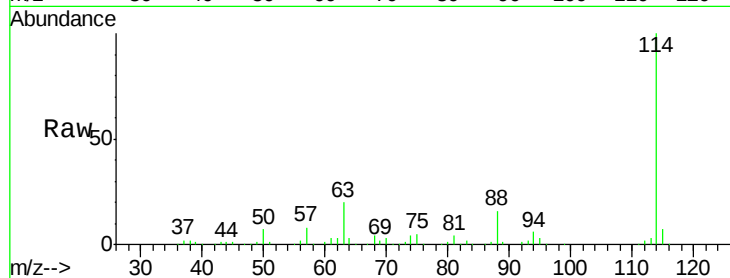
Tot Ion:114 Resp: 324904

Ion Ratio Lower Upper

114 100

63 19.5 0.0 38.6

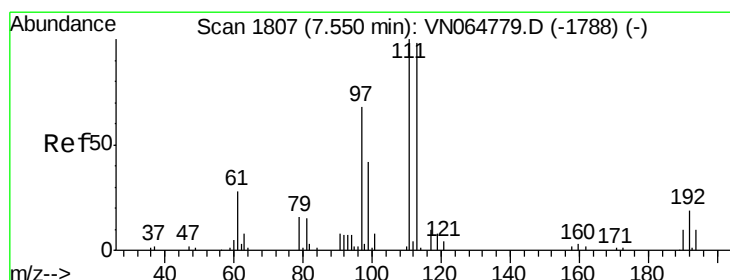
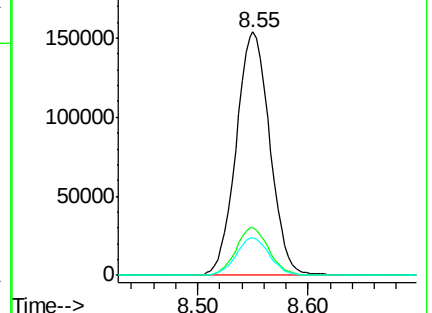
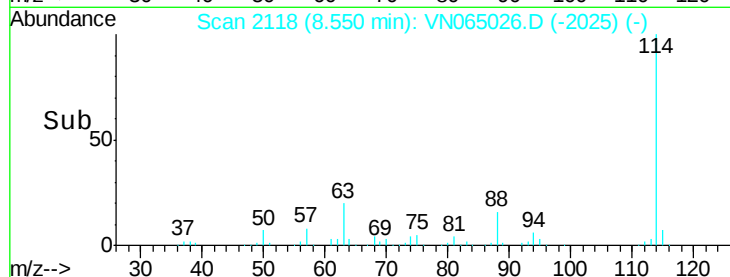
88 15.6 0.0 32.6



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: 51.129 ug/l

RT: 7.55 min Scan# 1806

Delta R.T. -0.00 min

Lab File: VN065026.D

Acq: 9 Dec 2020 17:26

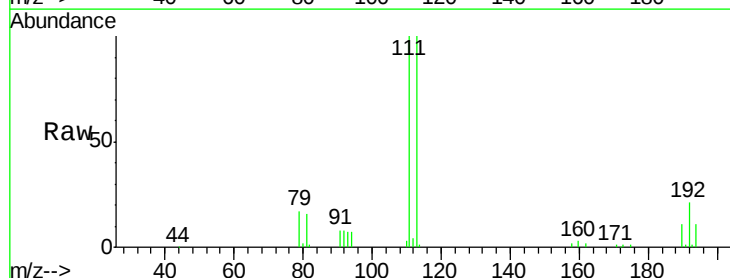
Tgt Ion:113 Resp: 99400

Ion Ratio Lower Upper

113 100

111 102.9 81.6 122.4

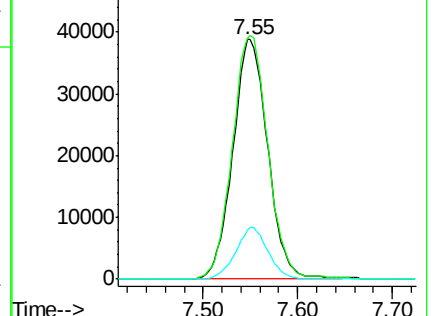
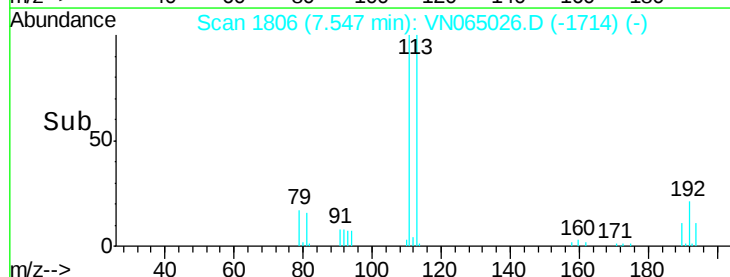
192 19.8 16.2 24.2

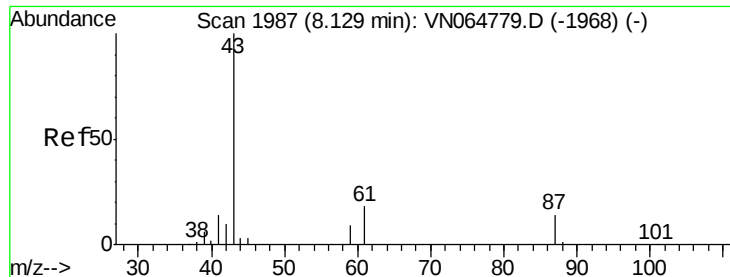


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 3.525 ug/l

RT: 8.13 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN065026.D

Acq: 9 Dec 2020 17:26

Instrument :

MSVOA_N

ClientSampleId :

PB133472ZHE#07

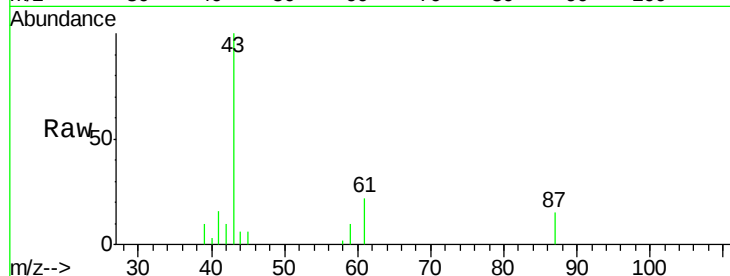
Tot Ion: 43 Resp: 16454

Ion Ratio Lower Upper

43 100

61 19.7 17.2 25.8

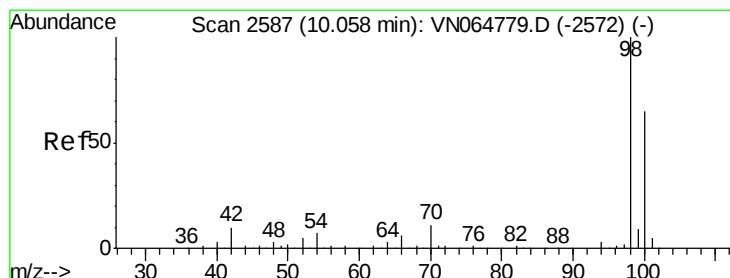
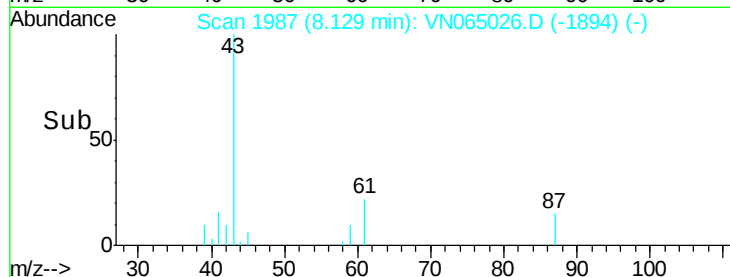
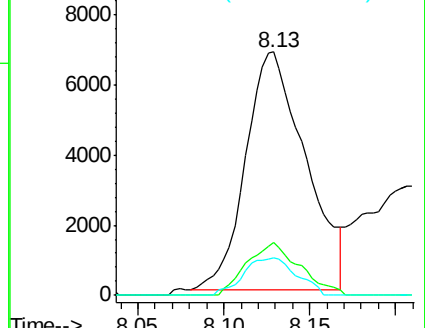
87 13.7 11.4 17.0



Abundance Ion 43.00 (42.70 to 43.70): VN064779.D (-1968) (-)

Ion 61.00 (60.70 to 61.70): VN064779.D (-1968) (-)

Ion 87.00 (86.70 to 87.70): VN064779.D (-1968) (-)



#50

Toluene-d8

Concen: 51.398 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN065026.D

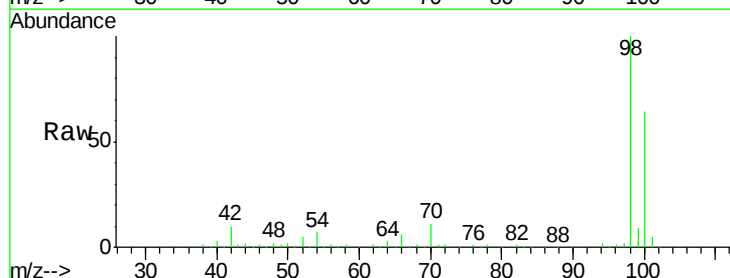
Acq: 9 Dec 2020 17:26

Tgt Ion: 98 Resp: 408285

Ion Ratio Lower Upper

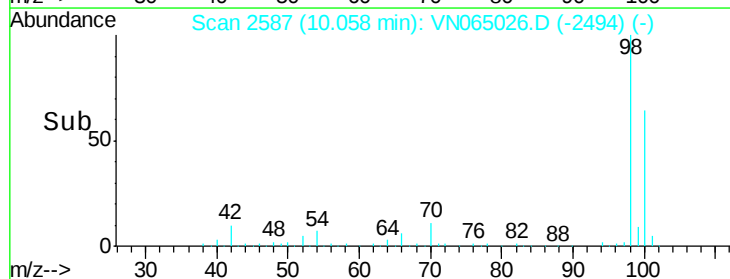
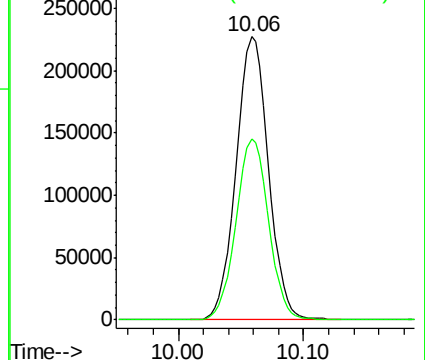
98 100

100 64.4 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN064779.D (-2572) (-)

Ion 100.00 (99.70 to 100.70): VN064779.D (-2572) (-)

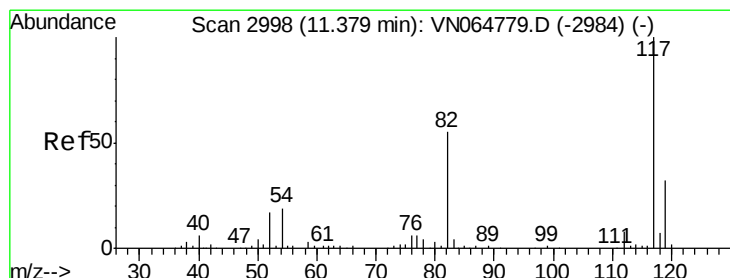
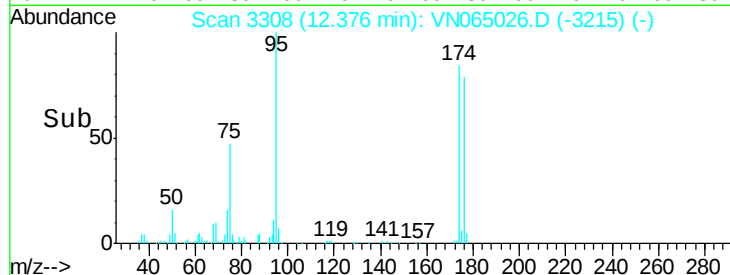
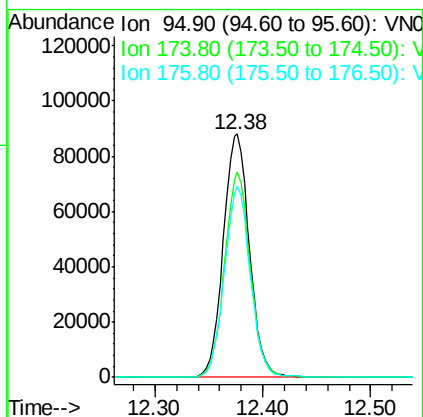
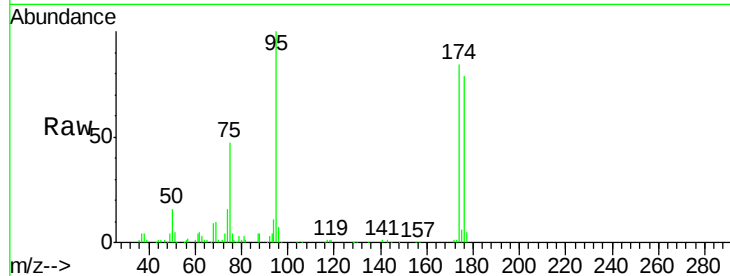




#62
4-Bromofluorobenzene
Concen: 52.104 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN065026.D
Acq: 9 Dec 2020 17:26

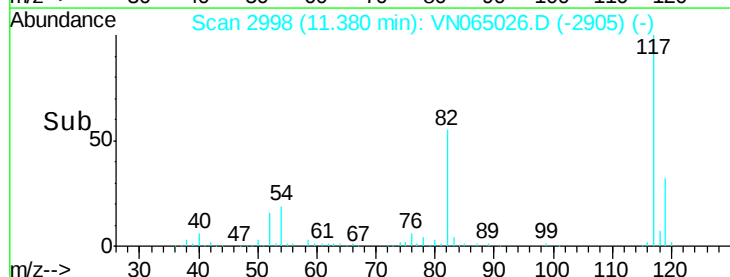
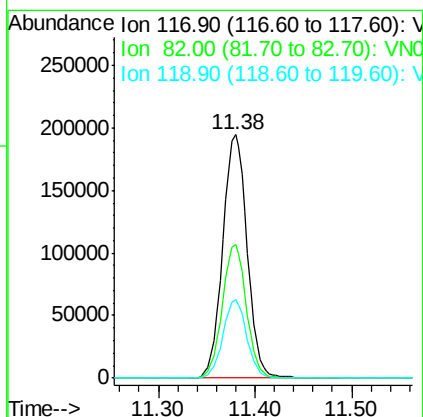
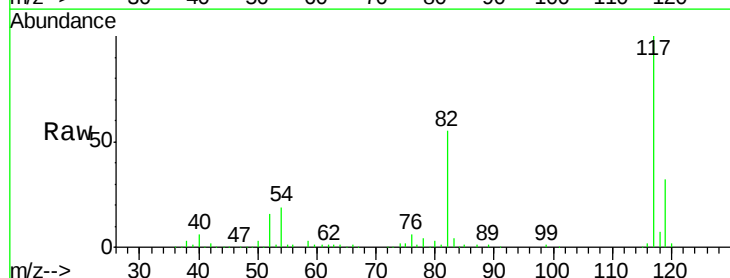
Instrument :
MSVOA_N
ClientSampleId :
PB133472ZHE#07

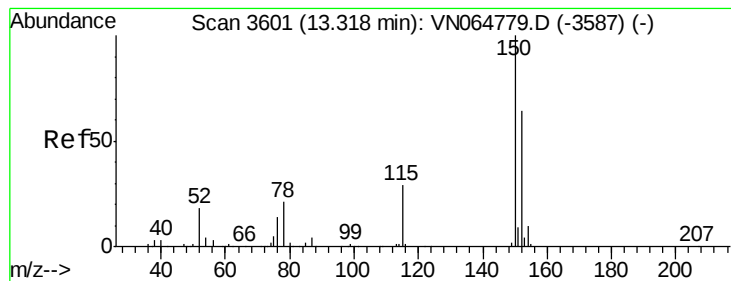
Tot Ion: 95 Resp: 148122
Ion Ratio Lower Upper
95 100
174 83.4 0.0 160.4
176 78.2 0.0 158.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN065026.D
Acq: 9 Dec 2020 17:26

Tgt Ion: 117 Resp: 340713
Ion Ratio Lower Upper
117 100
82 54.9 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: VN065026.D

Acq: 9 Dec 2020 17:26

Instrument :

MSVOA_N

ClientSampleId :

PB133472ZHE#07

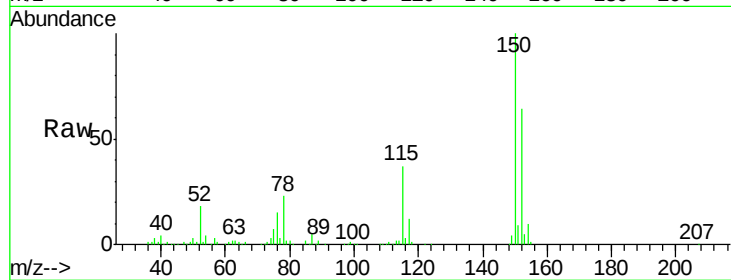
Tot Ion:152 Resp: 139282

Ion Ratio Lower Upper

152 100

115 57.6 29.7 89.1

150 156.8 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

