

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN013120\
 Data File : VN059953.D
 Acq On : 31 Jan 2020 17:13
 Operator : JC/MD
 Sample : PB126487ZHE#04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB126487ZHE#04

Quant Time: Feb 03 03:33:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 18 03:09:32 2020
 Response via : Initial Calibration

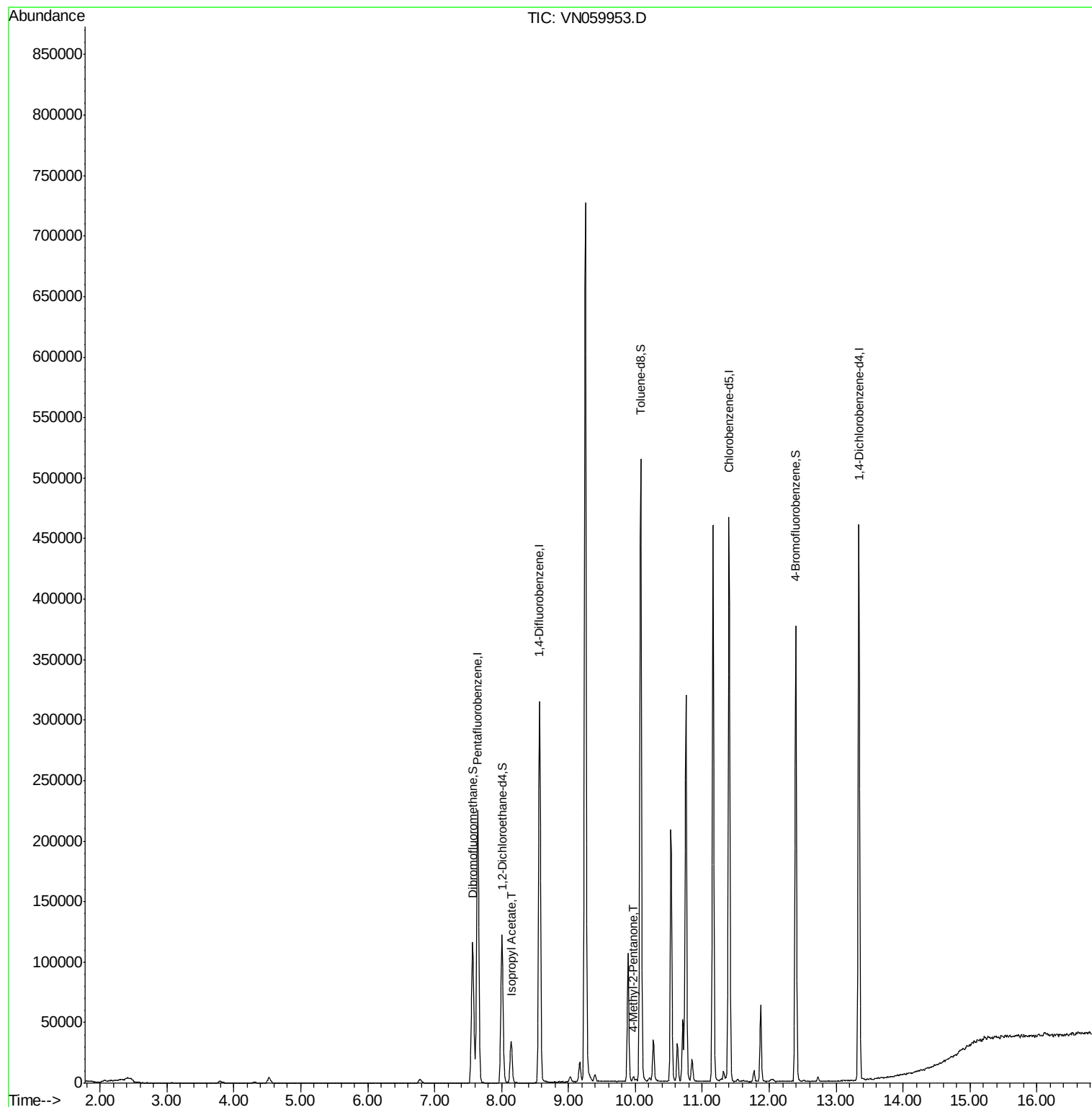
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	190202	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	293582	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	272966	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	124633	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	107626	50.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.90%	
35) Dibromofluoromethane	7.57	113	89045	50.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.72%	
50) Toluene-d8	10.08	98	352182	51.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.84%	
62) 4-Bromofluorobenzene	12.40	95	125131	51.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.34%	
Target Compounds						
43) Isopropyl Acetate	8.14	43	41638	10.095	ug/l #	91
51) 4-Methyl-2-Pentanone	9.97	43	3028	1.270	ug/l	89

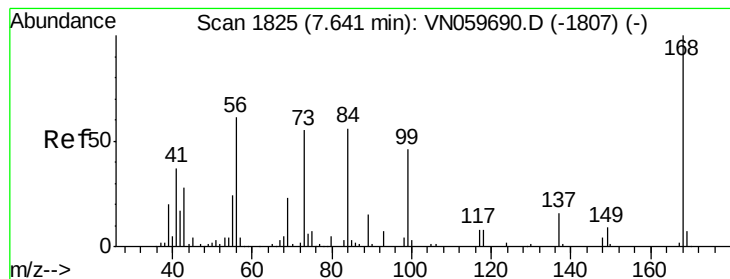
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN059953.D

Acq: 31 Jan 2020 17:13

Instrument :

MSVOA_N

ClientSampleId :

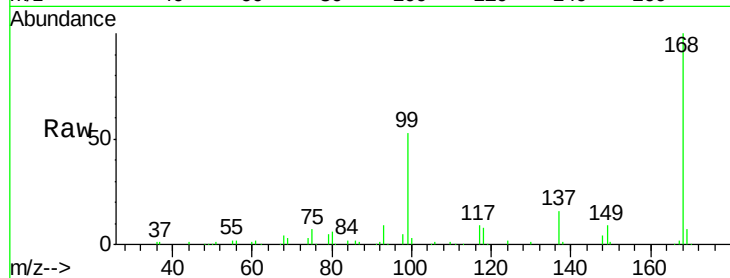
PB126487ZHE#04

Tot Ion:168 Resp: 190202

Ion Ratio Lower Upper

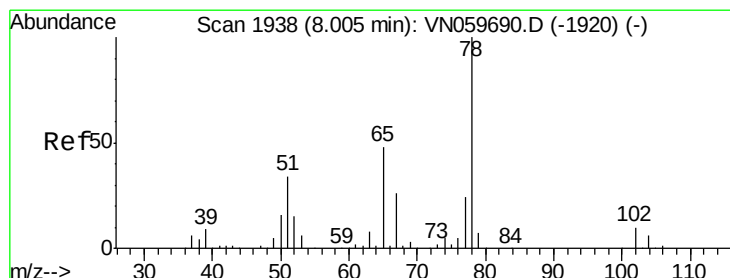
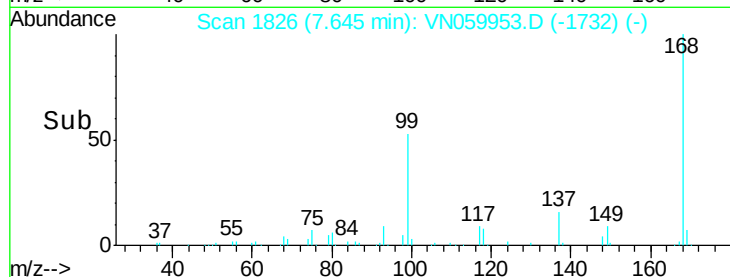
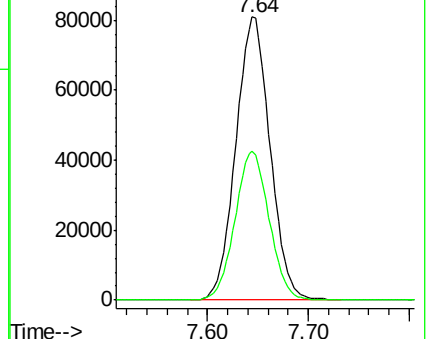
168 100

99 52.8 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#33

1,2-Dichloroethane-d4

Concen: 50.953 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. 0.00 min

Lab File: VN059953.D

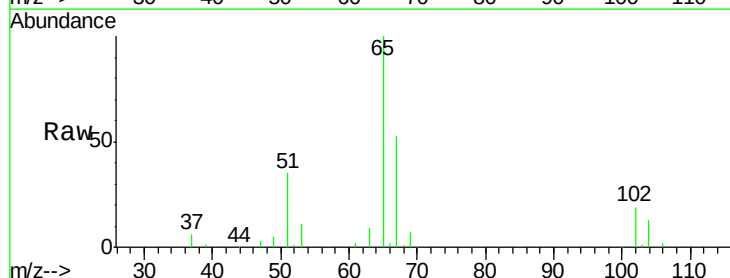
Acq: 31 Jan 2020 17:13

Tgt Ion: 65 Resp: 107626

Ion Ratio Lower Upper

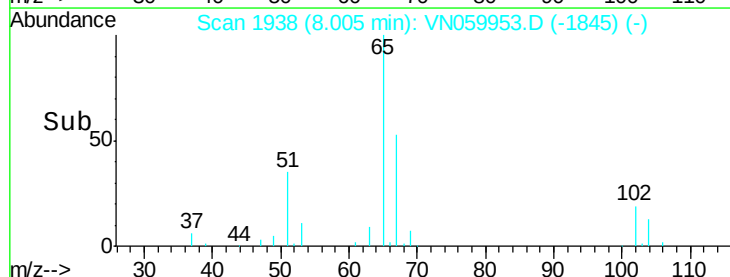
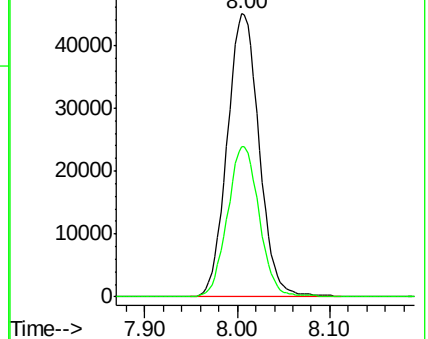
65 100

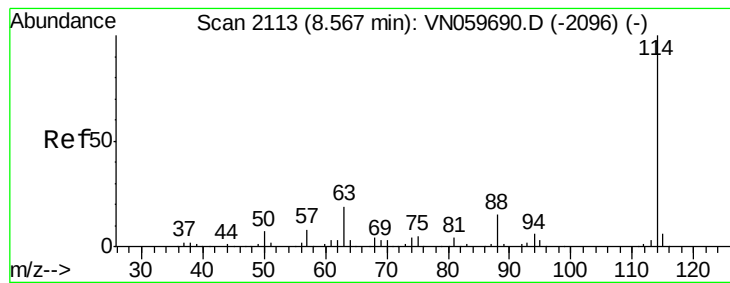
67 52.5 0.0 103.0



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: 8.57 min Scan# 2113

Delta R.T. 0.00 min

Lab File: VN059953.D

Acq: 31 Jan 2020 17:13

Instrument :

MSVOA_N

ClientSampleId :

PB126487ZHE#04

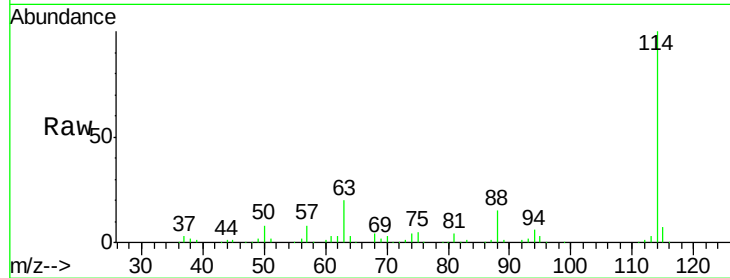
Tot Ion:114 Resp: 293582

Ion Ratio Lower Upper

114 100

63 19.5 0.0 43.6

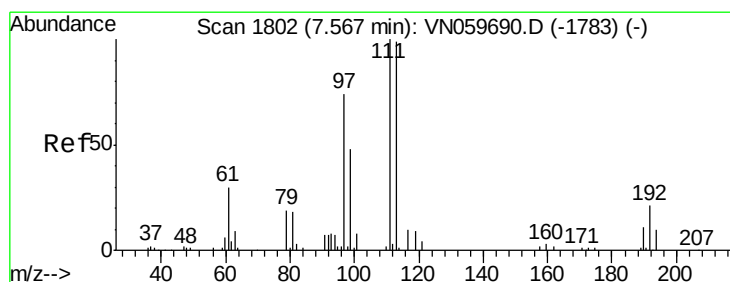
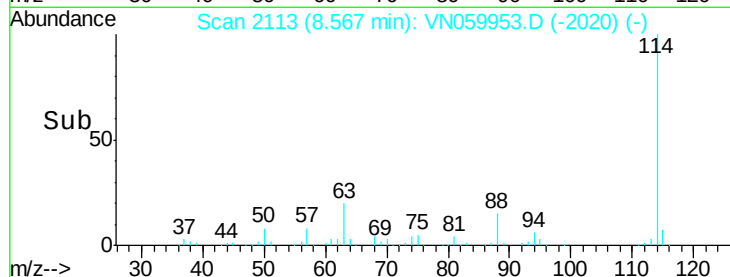
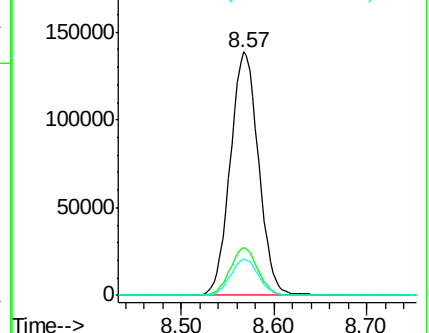
88 14.8 0.0 31.4



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: 50.861 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VN059953.D

Acq: 31 Jan 2020 17:13

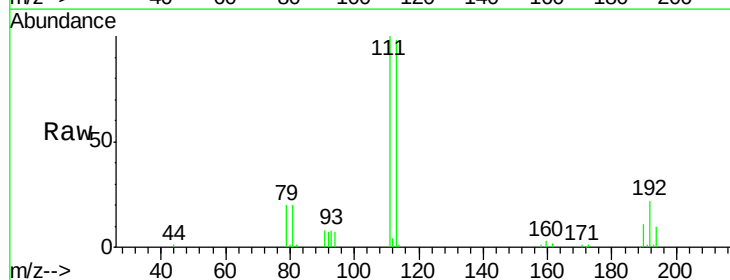
Tgt Ion:113 Resp: 89045

Ion Ratio Lower Upper

113 100

111 102.5 83.5 125.3

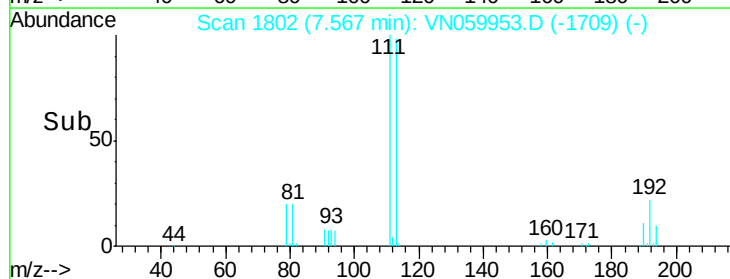
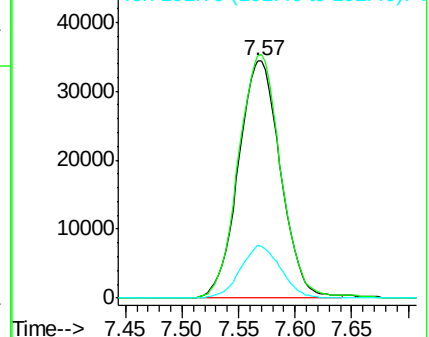
192 21.1 15.4 23.2

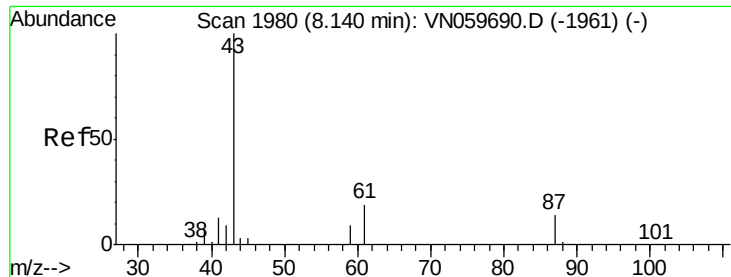


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 10.095 ug/l

RT: 8.14 min Scan# 1981

Delta R.T. 0.00 min

Lab File: VN059953.D

Acq: 31 Jan 2020 17:13

Instrument :

MSVOA_N

ClientSampleId :

PB126487ZHE#04

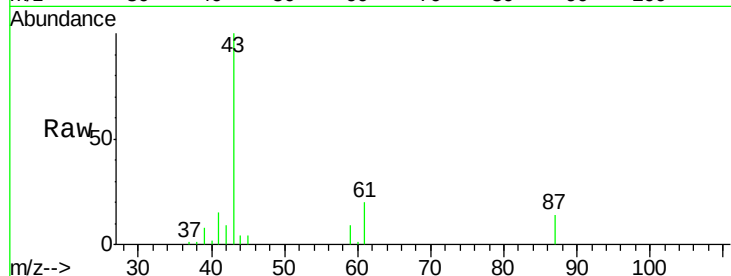
Tot Ion: 43 Resp: 41638

Ion Ratio Lower Upper

43 100

61 19.8 20.2 30.2#

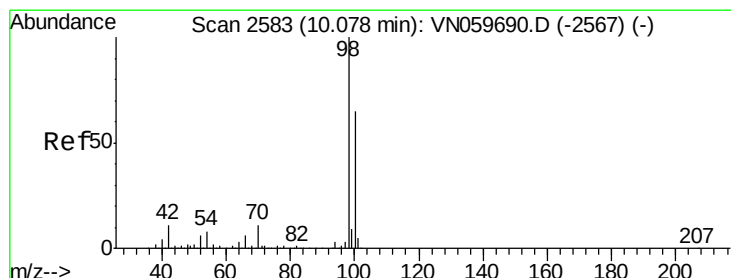
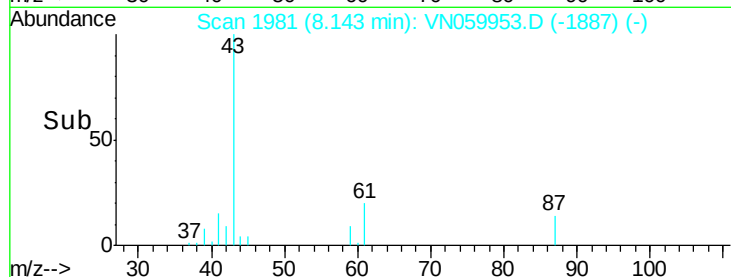
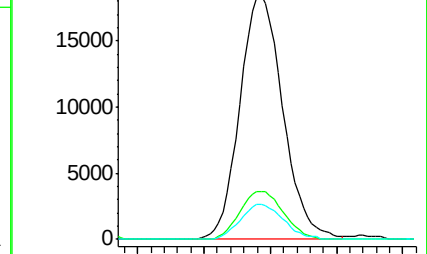
87 14.3 9.5 14.3#



Abundance Ion 43.00 (42.70 to 43.70): VN059690.D (-1961) (-)

Ion 61.00 (60.70 to 61.70): VN059690.D (-1961) (-)

Ion 87.00 (86.70 to 87.70): VN059690.D (-1961) (-)



#50

Toluene-d8

Concen: 51.919 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN059953.D

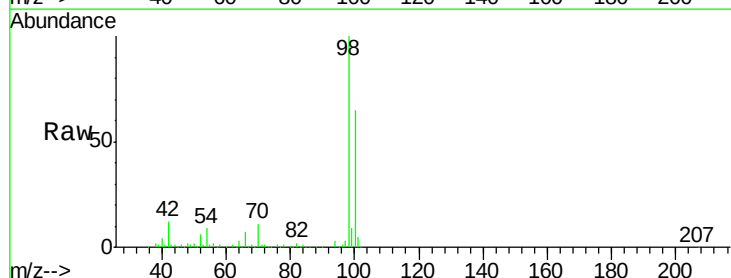
Acq: 31 Jan 2020 17:13

Tgt Ion: 98 Resp: 352182

Ion Ratio Lower Upper

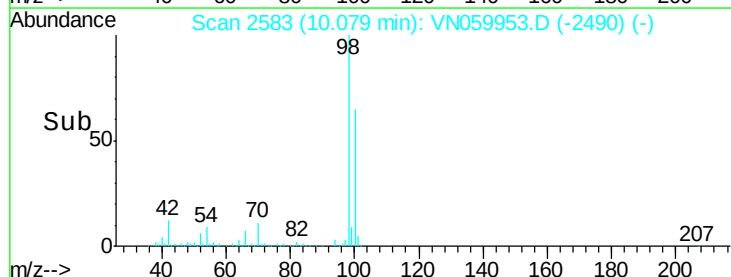
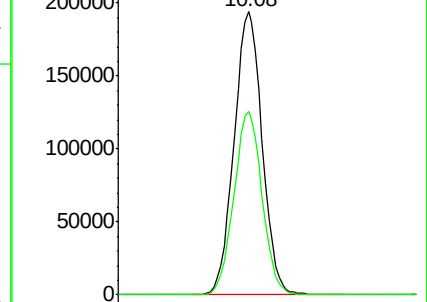
98 100

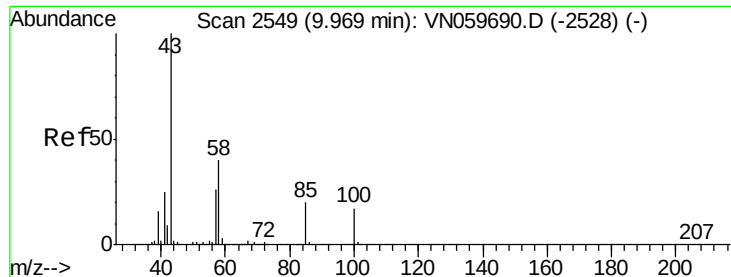
100 65.0 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN059690.D (-2567) (-)

Ion 100.00 (99.70 to 100.70): VN059690.D (-2567) (-)





#51

4-Methyl-2-Pentanone

Concen: 1.270 ug/l

RT: 9.97 min Scan# 2550

Delta R.T. 0.00 min

Lab File: VN059953.D

Acq: 31 Jan 2020 17:13

Instrument :

MSVOA_N

ClientSampleId :

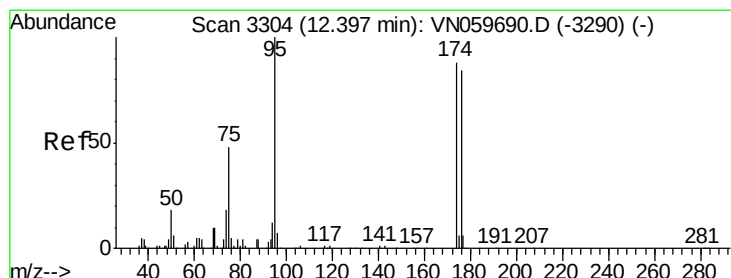
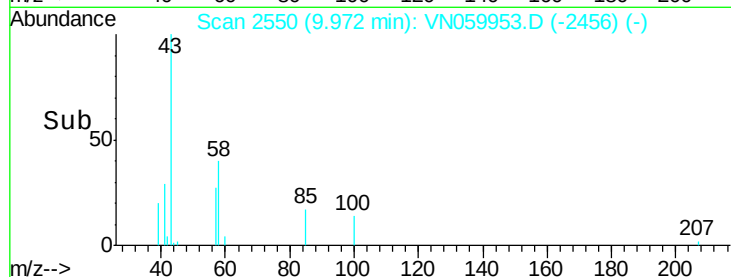
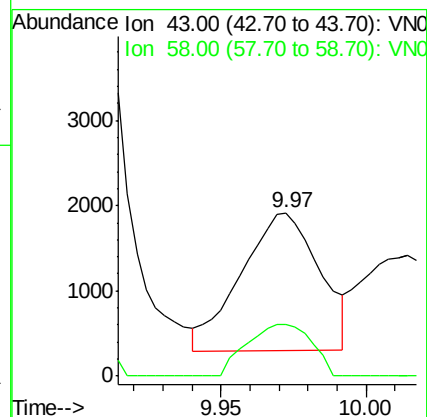
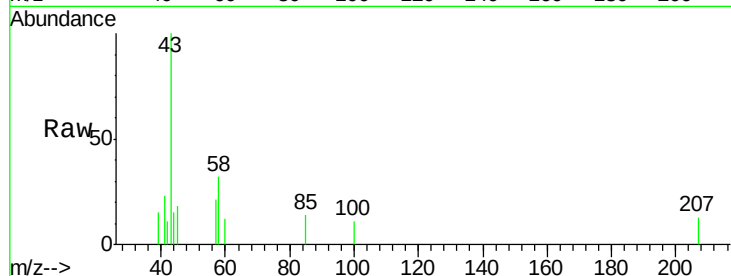
PB126487ZHE#04

Tot Ion: 43 Resp: 3028

Ion Ratio Lower Upper

43 100

58 31.0 29.8 44.8



#62

4-Bromofluorobenzene

Concen: 51.170 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN059953.D

Acq: 31 Jan 2020 17:13

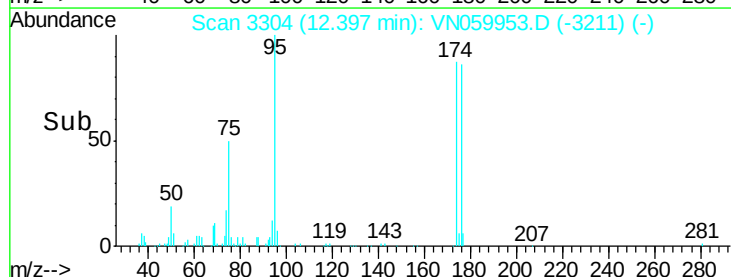
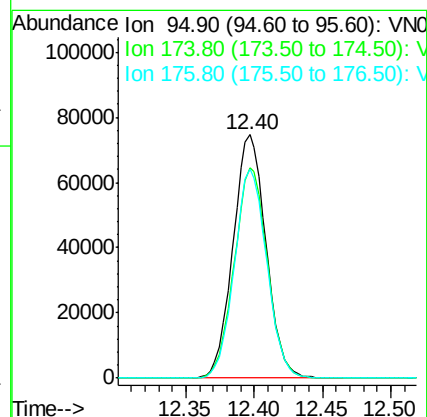
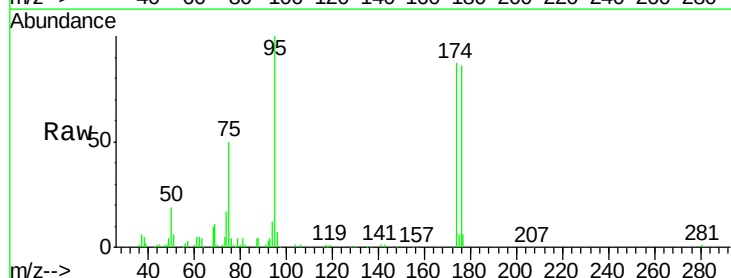
Tgt Ion: 95 Resp: 125131

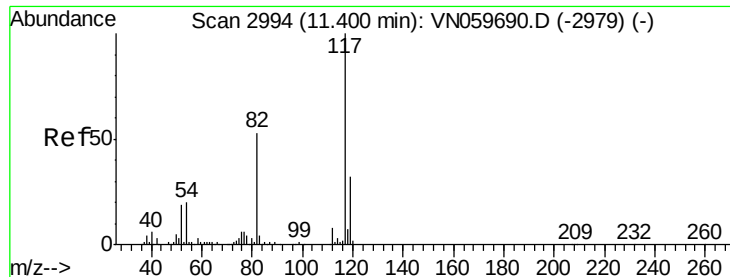
Ion Ratio Lower Upper

95 100

174 86.9 0.0 151.4

176 84.5 0.0 146.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. 0.00 min

Lab File: VN059953.D

Acq: 31 Jan 2020 17:13

Instrument :

MSVOA_N

ClientSampleId :

PB126487ZHE#04

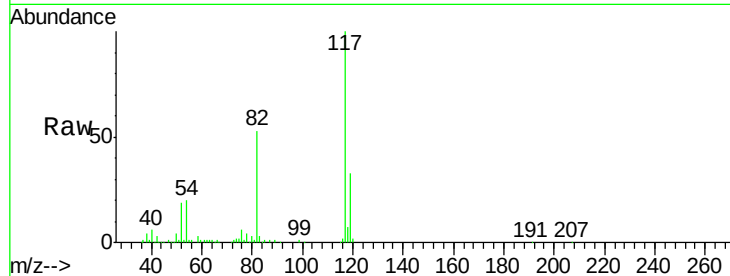
Tot Ion:117 Resp: 272966

Ion Ratio Lower Upper

117 100

82 53.1 45.9 68.9

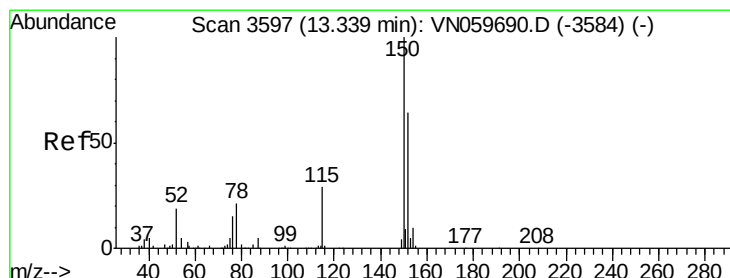
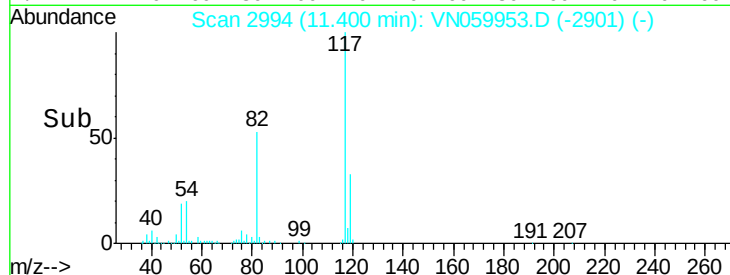
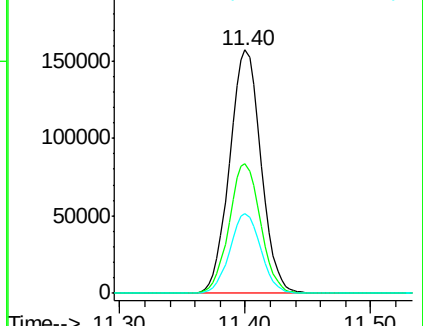
119 32.6 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN059953.D

Acq: 31 Jan 2020 17:13

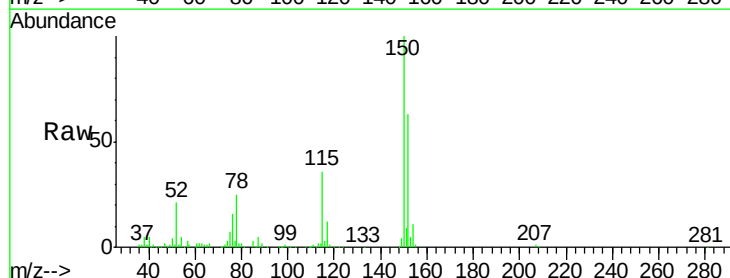
Tgt Ion:152 Resp: 124633

Ion Ratio Lower Upper

152 100

115 57.9 30.3 90.9

150 158.0 0.0 345.2



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

