

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN013120\
 Data File : VN059955.D
 Acq On : 31 Jan 2020 17:58
 Operator : JC/MD
 Sample : PB126487ZHE#06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB126487ZHE#06

Quant Time: Feb 03 03:37:11 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

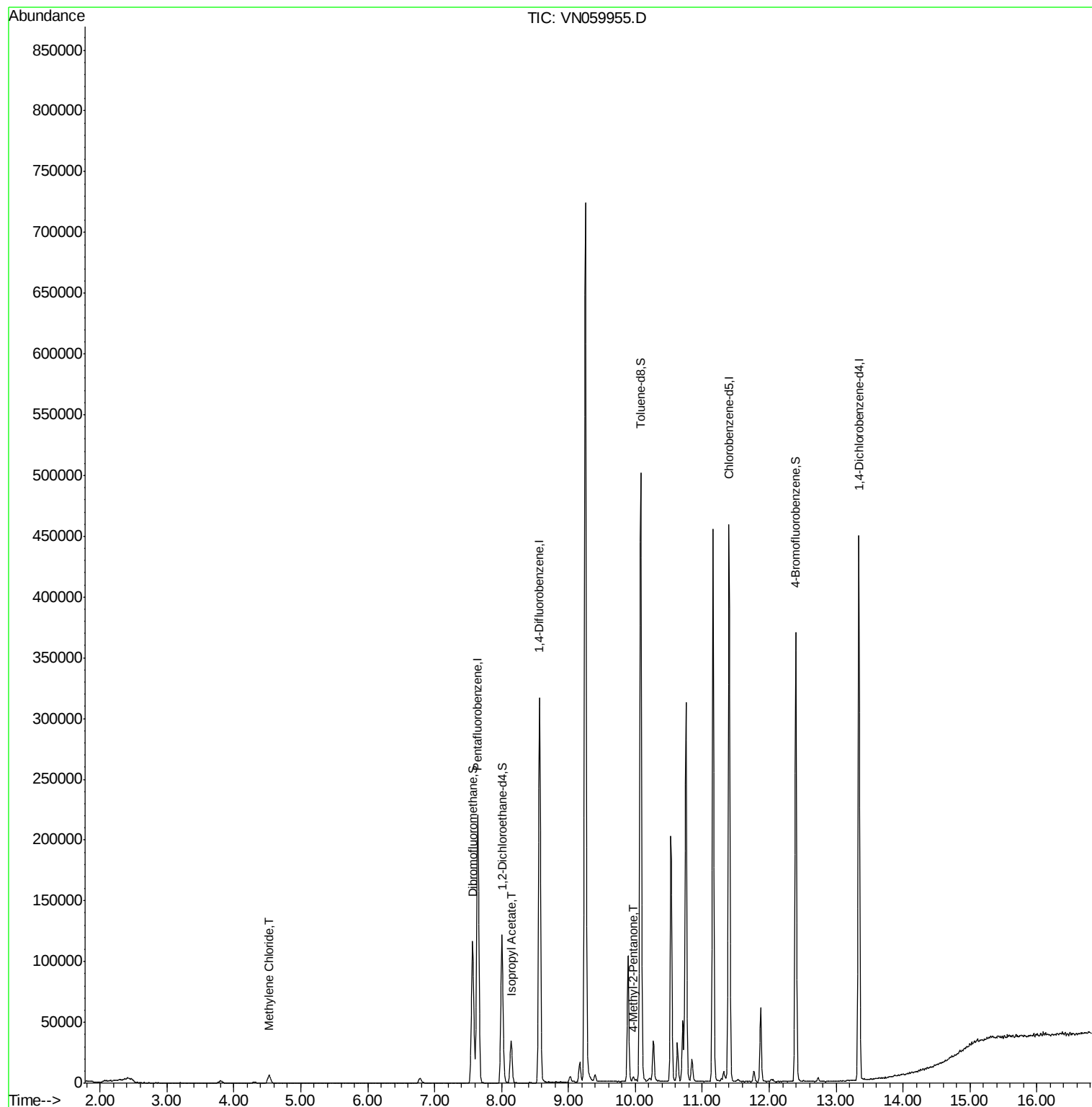
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	188061	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	294605	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	266710	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	121916	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	104635	50.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.20%	
35) Dibromofluoromethane	7.57	113	88671	50.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.94%	
50) Toluene-d8	10.08	98	347386	51.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.06%	
62) 4-Bromofluorobenzene	12.40	95	124435	50.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.42%	
Target Compounds						
20) Methylene Chloride	4.53	84	4902	1.335	ug/l	84
43) Isopropyl Acetate	8.14	43	41195	9.953	ug/l #	92
51) 4-Methyl-2-Pentanone	9.97	43	2550	1.066	ug/l	95

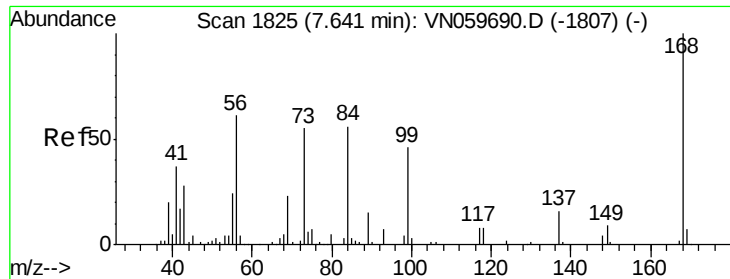
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN013120\
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Quant Time: Feb 03 03:37:11 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
Quant Title : SW846 8260
QLast Update : Sat Jan 18 03:09:32 2020
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: VN059955.D

Acq: 31 Jan 2020 17:58

Instrument :

MSVOA_N

ClientSampleId :

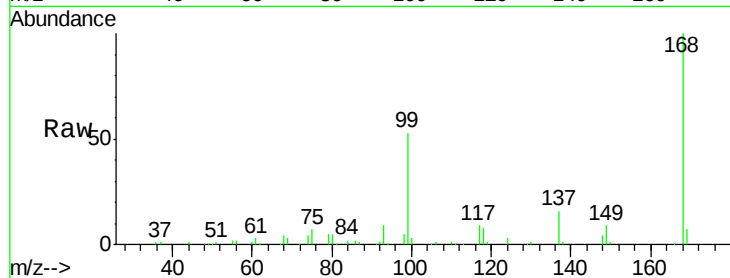
PB126487ZHE#06

Tot Ion:168 Resp: 188061

Ion Ratio Lower Upper

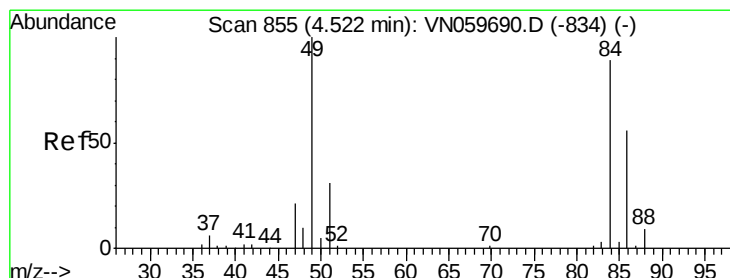
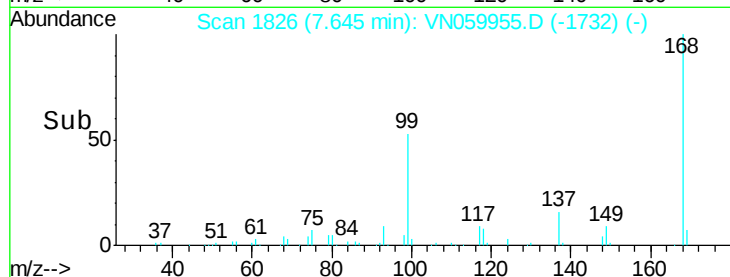
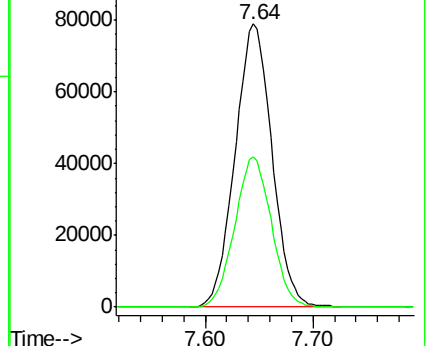
168 100

99 52.9 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#20

Methylene Chloride

Concen: 1.335 ug/l

RT: 4.53 min Scan# 857

Delta R.T. 0.01 min

Lab File: VN059955.D

Acq: 31 Jan 2020 17:58

Tgt Ion: 84 Resp: 4902

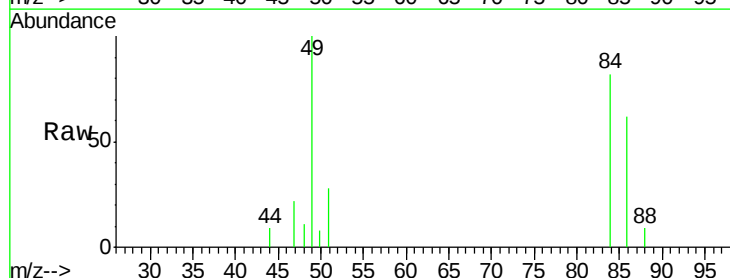
Ion Ratio Lower Upper

84 100

49 112.6 106.6 160.0

51 34.3 31.9 47.9

86 75.8 50.8 76.2

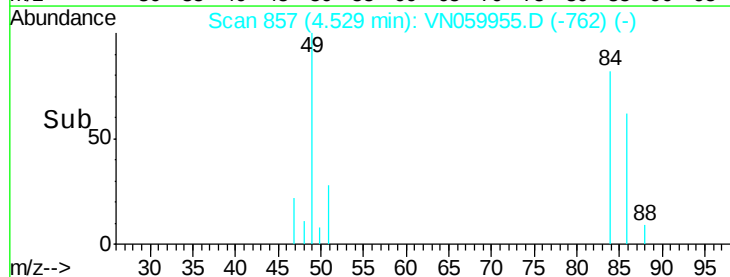
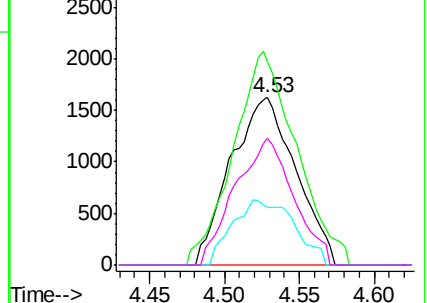


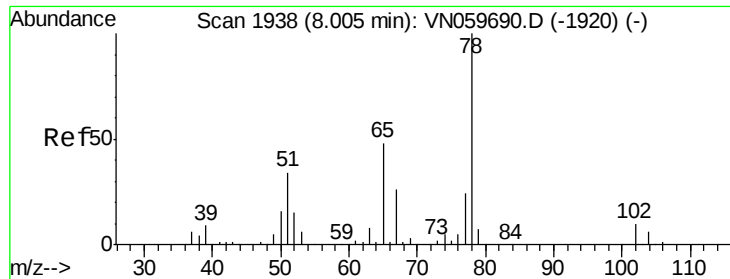
Abundance Ion 83.90 (83.60 to 84.60): VNO

Ion 48.90 (48.60 to 49.60): VNO

Ion 50.90 (50.60 to 51.60): VNO

Ion 85.90 (85.60 to 86.60): VNO





#33

1,2-Dichloroethane-d4

Concen: 50.101 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. 0.00 min

Lab File: VN059955.D

Acq: 31 Jan 2020 17:58

Instrument :

MSVOA_N

ClientSampleId :

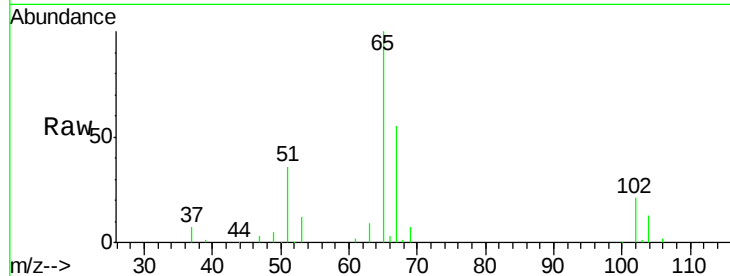
PB126487ZHE#06

Tot Ion: 65 Resp: 104635

Ion Ratio Lower Upper

65 100

67 53.1 0.0 103.0

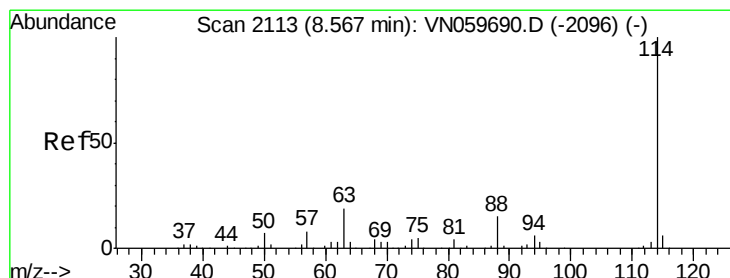
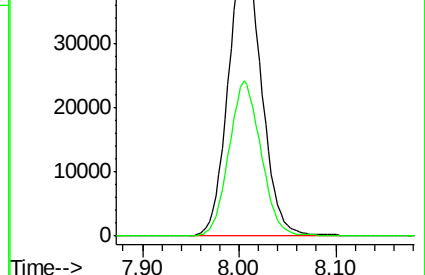
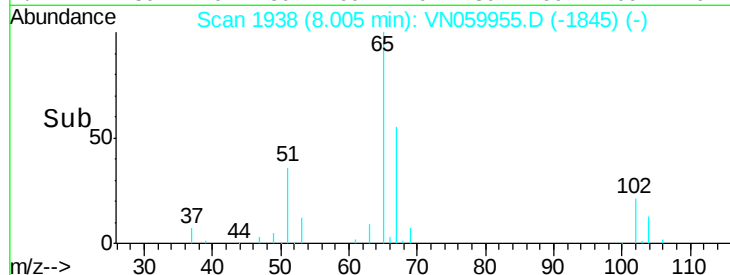


Abundance Ion 64.90 (64.60 to 65.60): VN059955.D (-1845) (-)

Ion 66.90 (66.60 to 67.60): VN059955.D (-1845) (-)

8.00

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2113

Delta R.T. 0.00 min

Lab File: VN059955.D

Acq: 31 Jan 2020 17:58

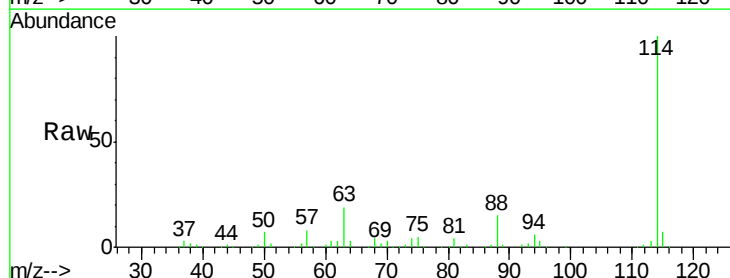
Tgt Ion: 114 Resp: 294605

Ion Ratio Lower Upper

114 100

63 19.0 0.0 43.6

88 14.6 0.0 31.4



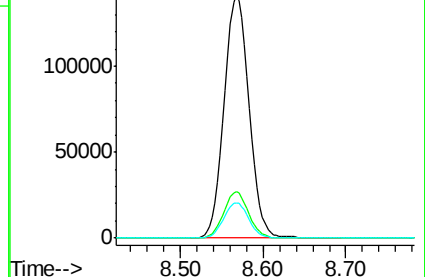
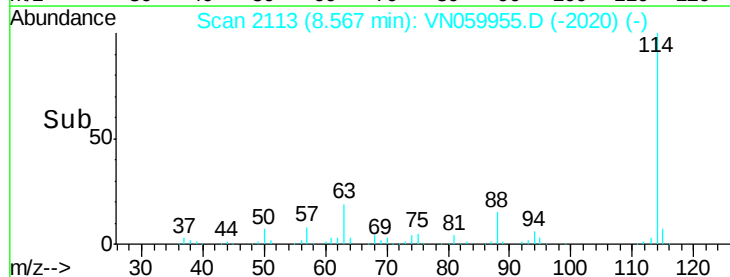
Abundance Ion 113.90 (113.60 to 114.60): VN059955.D (-2020) (-)

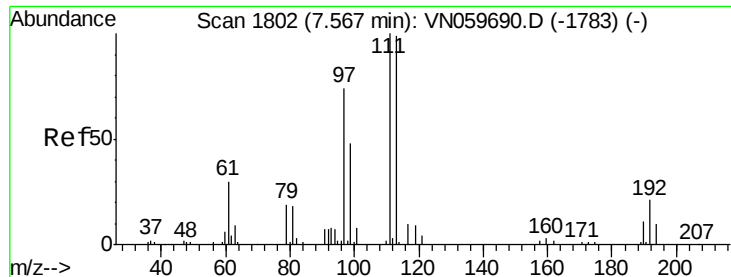
Ion 63.00 (62.70 to 63.70): VN059955.D (-2020) (-)

Ion 87.90 (87.60 to 88.60): VN059955.D (-2020) (-)

8.57

Time-->

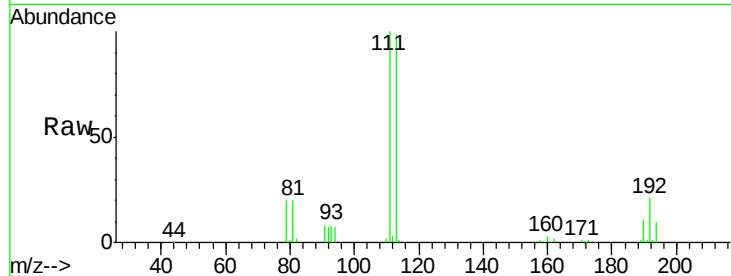




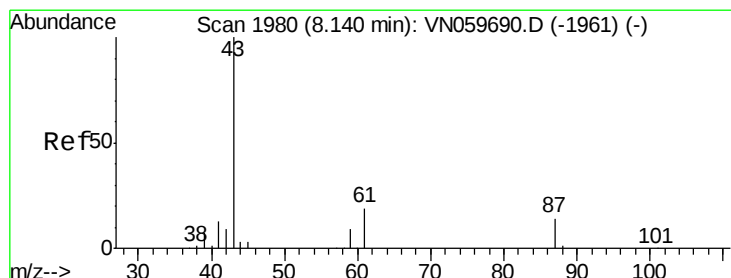
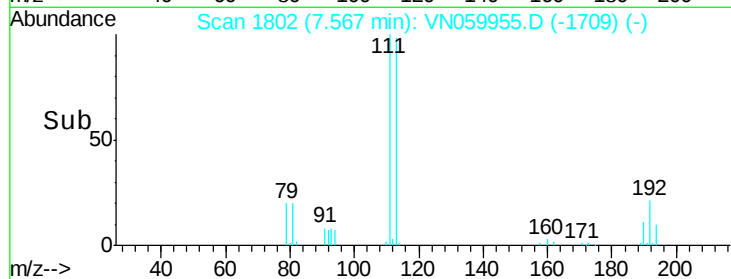
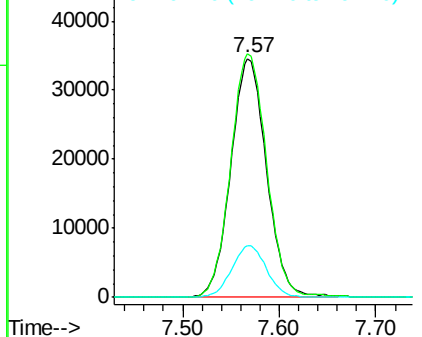
#35
 Dibromofluoromethane
 Concen: 50.471 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VN059955.D
 Acq: 31 Jan 2020 17:58

Instrument :
 MSVOA_N
 ClientSampleId :
 PB126487ZHE#06

Tot Ion:113 Resp: 88671
 Ion Ratio Lower Upper
 113 100
 111 103.1 83.5 125.3
 192 21.1 15.4 23.2

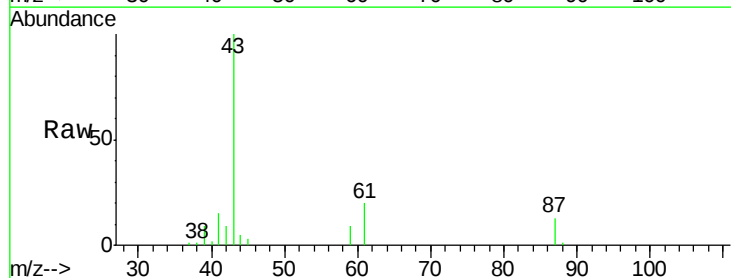


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

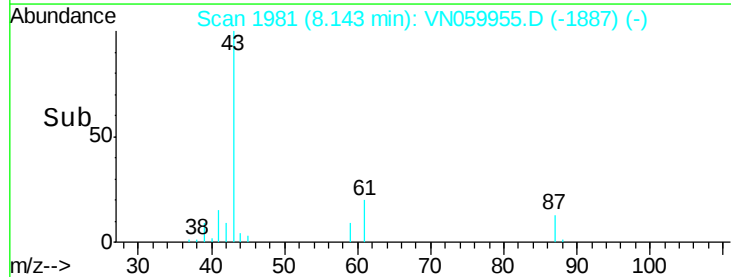
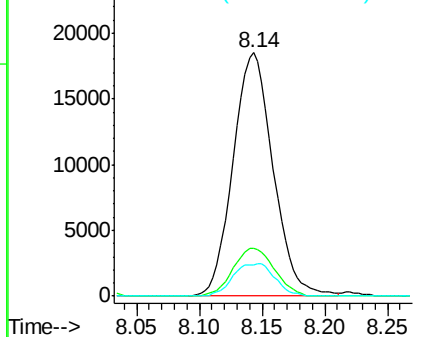


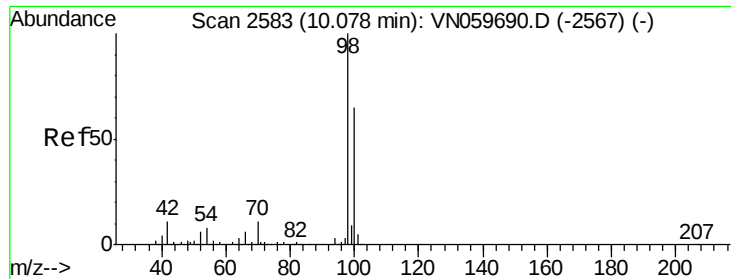
#43
 Isopropyl Acetate
 Concen: 9.953 ug/l
 RT: 8.14 min Scan# 1981
 Delta R.T. 0.00 min
 Lab File: VN059955.D
 Acq: 31 Jan 2020 17:58

Tgt Ion: 43 Resp: 41195
 Ion Ratio Lower Upper
 43 100
 61 20.1 20.2 30.2#
 87 13.9 9.5 14.3



Abundance Ion 43.00 (42.70 to 43.70): VNO
 Ion 61.00 (60.70 to 61.70): VNO
 Ion 87.00 (86.70 to 87.70): VNO





#50

Toluene-d8

Concen: 51.034 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN059955.D

Acq: 31 Jan 2020 17:58

Instrument :

MSVOA_N

ClientSampleId :

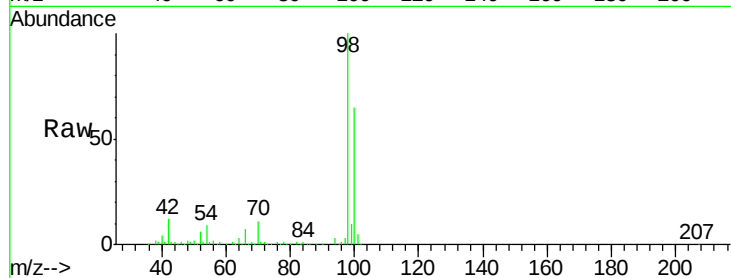
PB126487ZHE#06

Tot Ion: 98 Resp: 347386

Ion Ratio Lower Upper

98 100

100 64.6 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) (-)

10.08

200000

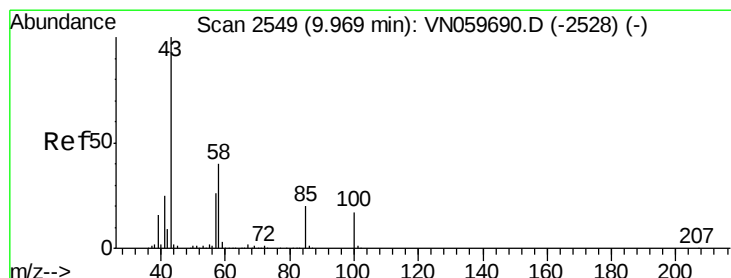
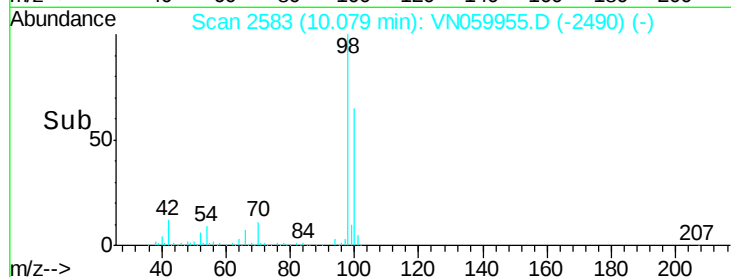
150000

100000

50000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 1.066 ug/l

RT: 9.97 min Scan# 2549

Delta R.T. 0.00 min

Lab File: VN059955.D

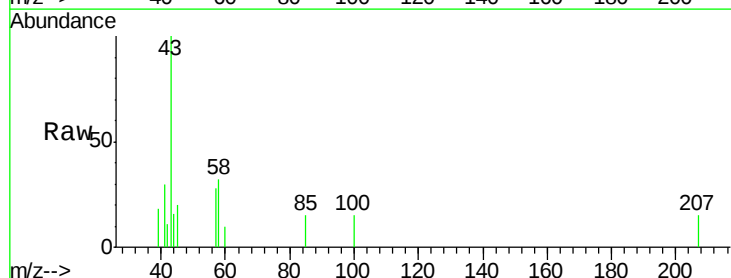
Acq: 31 Jan 2020 17:58

Tgt Ion: 43 Resp: 2550

Ion Ratio Lower Upper

43 100

58 34.5 29.8 44.8



Abundance Ion 43.00 (42.70 to 43.70): VN059690.D (-2528) (-)

Ion 58.00 (57.70 to 58.70): VN059690.D (-2528) (-)

5000

4000

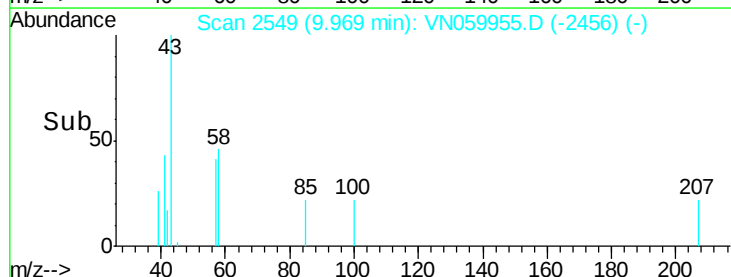
3000

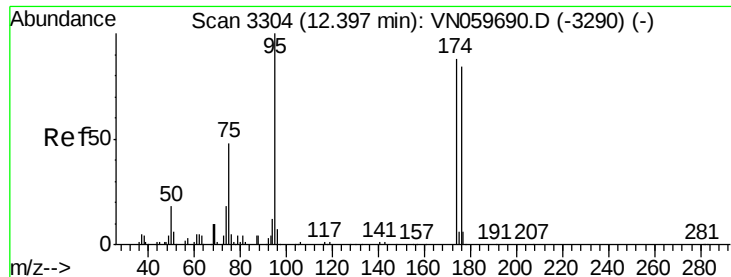
2000

1000

0

Time-->





#62

4-Bromofluorobenzene

Concen: 50.709 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN059955.D

Acq: 31 Jan 2020 17:58

Instrument :

MSVOA_N

ClientSampleId :

PB126487ZHE#06

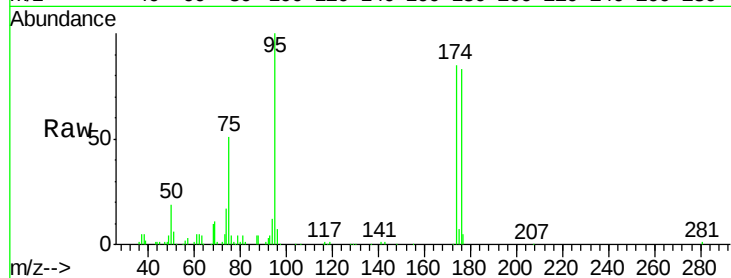
Tot Ion: 95 Resp: 124435

Ion Ratio Lower Upper

95 100

174 85.5 0.0 151.4

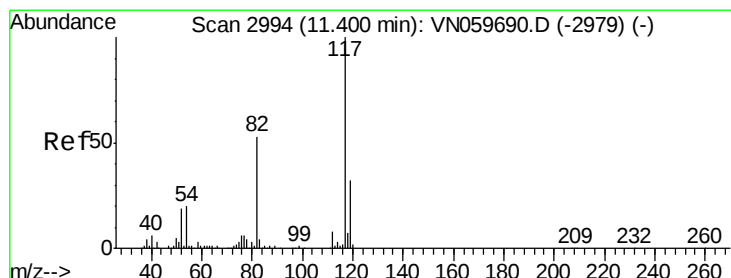
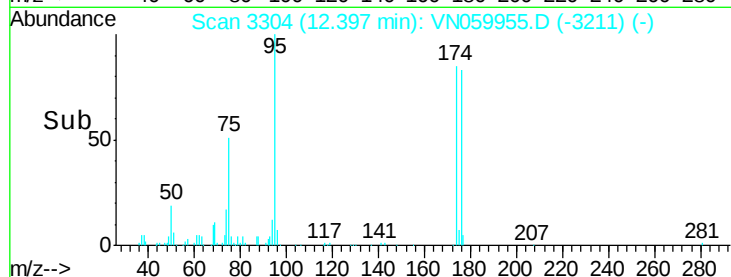
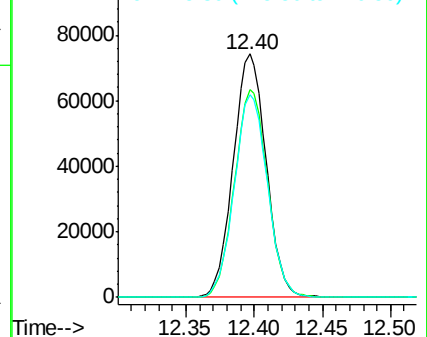
176 83.9 0.0 146.0



Abundance Ion 94.90 (94.60 to 95.60): VN059955.D (-3211) (-)

Ion 173.80 (173.50 to 174.50): VN059955.D (-3211) (-)

Ion 175.80 (175.50 to 176.50): VN059955.D (-3211) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. 0.00 min

Lab File: VN059955.D

Acq: 31 Jan 2020 17:58

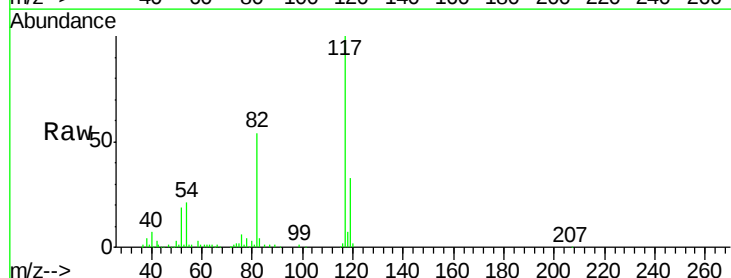
Tgt Ion: 117 Resp: 266710

Ion Ratio Lower Upper

117 100

82 53.7 45.9 68.9

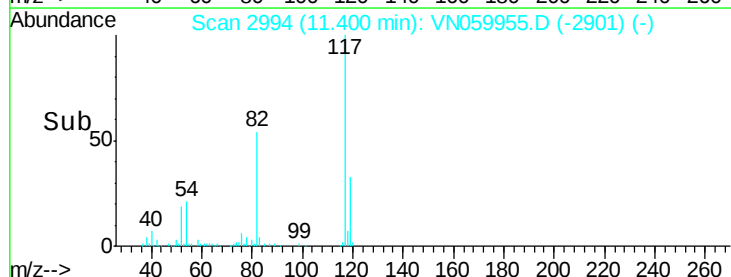
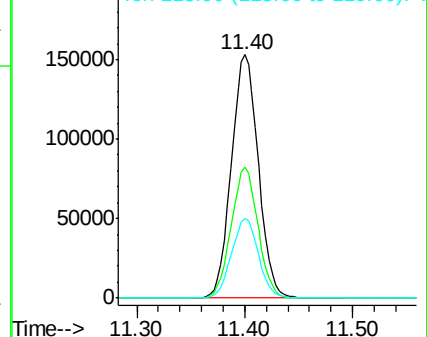
119 32.9 25.5 38.3

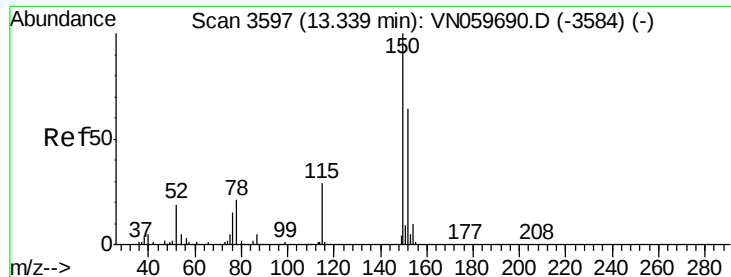


Abundance Ion 116.90 (116.60 to 117.60): VN059955.D (-2901) (-)

Ion 82.00 (81.70 to 82.70): VN059955.D (-2901) (-)

Ion 118.90 (118.60 to 119.60): VN059955.D (-2901) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN059955.D

Acq: 31 Jan 2020 17:58

Instrument :

MSVOA_N

ClientSampleId :

PB126487ZHE#06

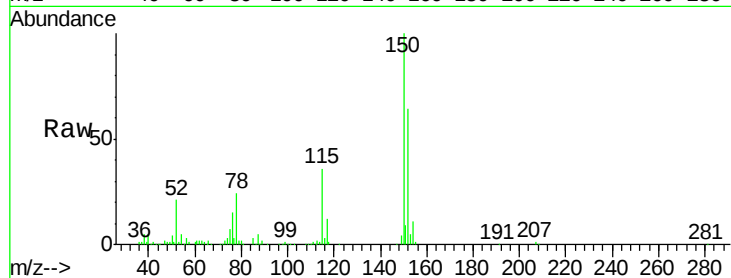
Tot Ion:152 Resp: 121916

Ion Ratio Lower Upper

152 100

115 56.6 30.3 90.9

150 155.3 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

