

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN013120\
 Data File : VN059952.D
 Acq On : 31 Jan 2020 16:50
 Operator : JC/MD
 Sample : PB126487ZHE#03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB126487ZHE#03

Quant Time: Feb 03 03:31:22 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

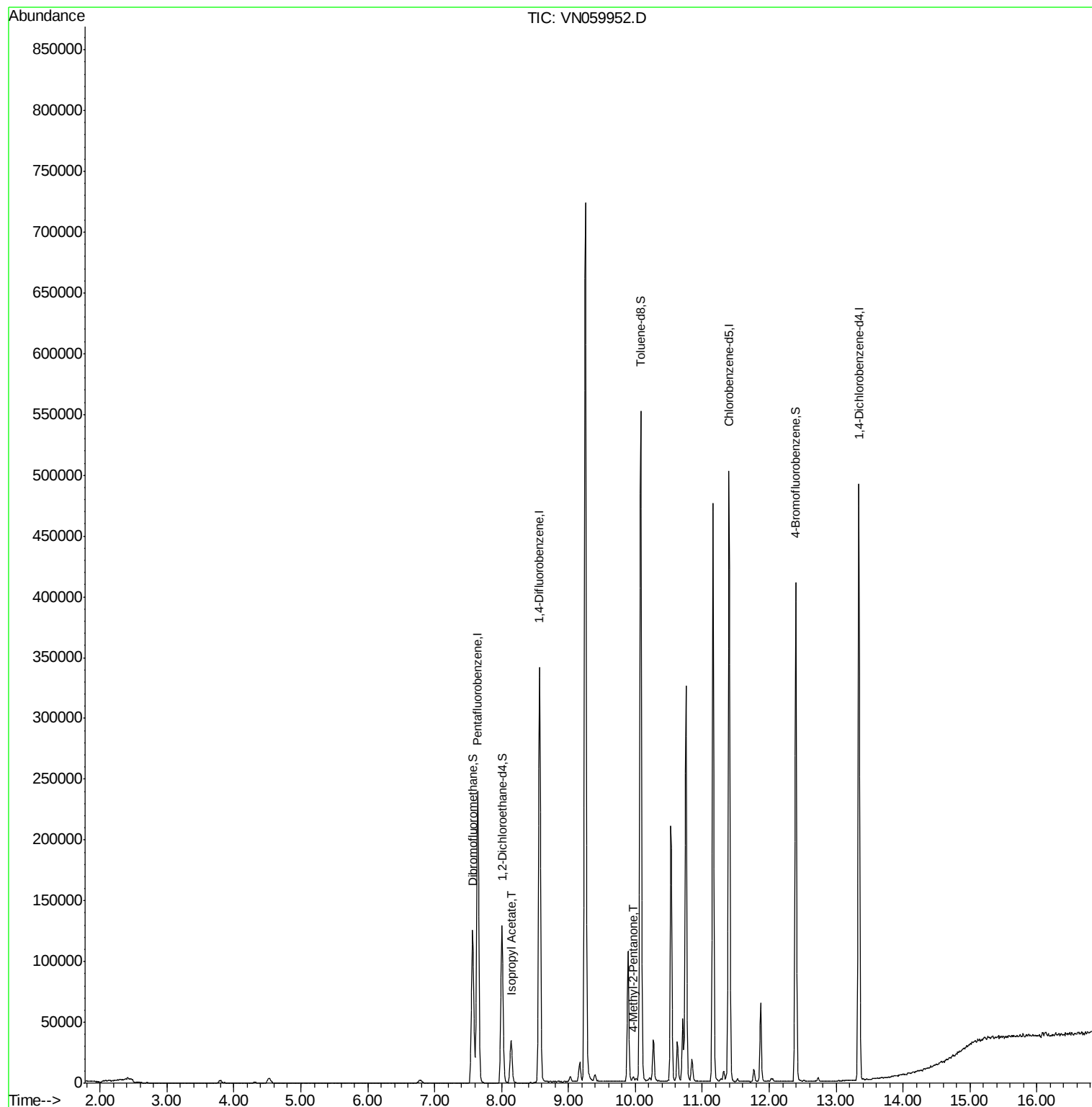
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	203896	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	310653	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	291613	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	133625	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	113254	50.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.04%	
35) Dibromofluoromethane	7.57	113	95303	51.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.88%	
50) Toluene-d8	10.08	98	377123	52.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.08%	
62) 4-Bromofluorobenzene	12.40	95	133246	51.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.98%	
Target Compounds						
43) Isopropyl Acetate	8.14	43	41714	9.558	ug/l	92
51) 4-Methyl-2-Pentanone	9.97	43	2874	1.139	ug/l	91

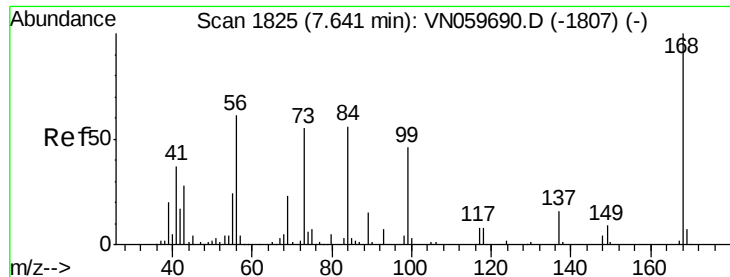
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN013120\
Data File : VN059952.D
Acq On : 31 Jan 2020 16:50
Operator : JC/MD
Sample : PB126487ZHE#03
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB126487ZHE#03

Quant Time: Feb 03 03:31:22 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: VN059952.D

Acq: 31 Jan 2020 16:50

Instrument :

MSVOA_N

ClientSampleId :

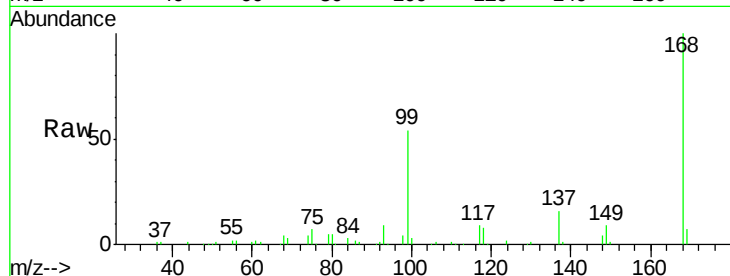
PB126487ZHE#03

Tot Ion:168 Resp: 203896

Ion Ratio Lower Upper

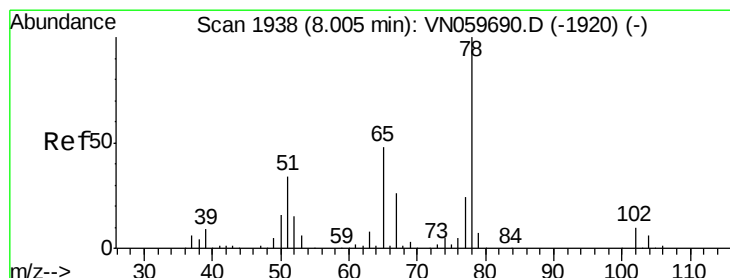
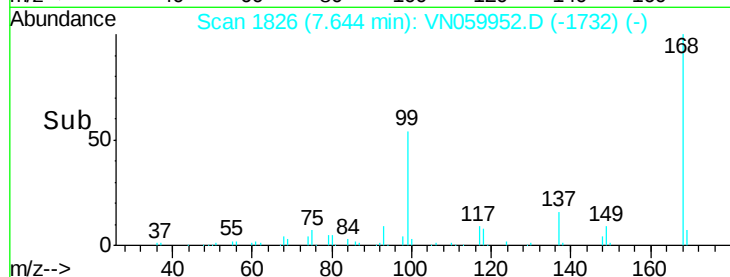
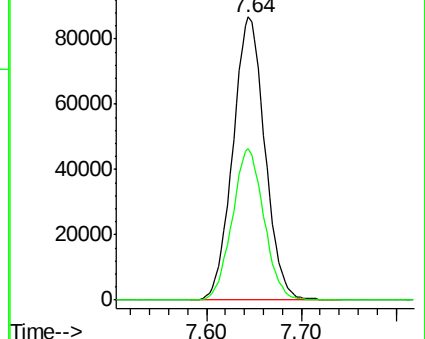
168 100

99 53.7 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#33

1,2-Dichloroethane-d4

Concen: 50.017 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. 0.00 min

Lab File: VN059952.D

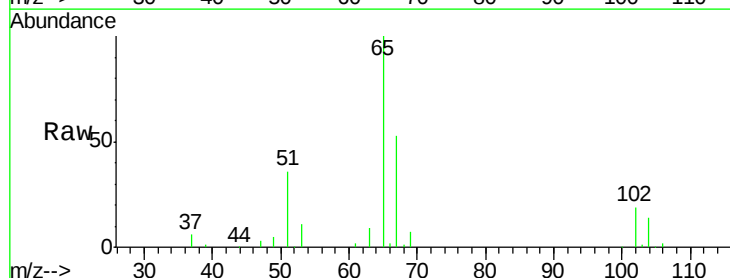
Acq: 31 Jan 2020 16:50

Tgt Ion: 65 Resp: 113254

Ion Ratio Lower Upper

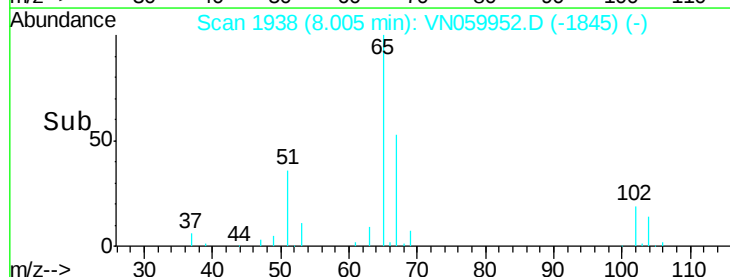
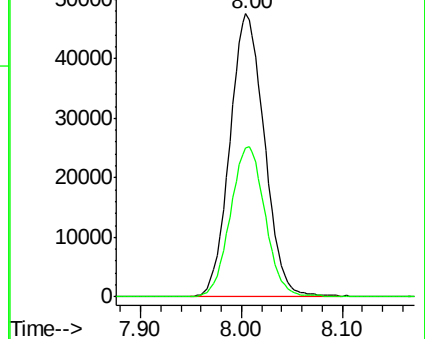
65 100

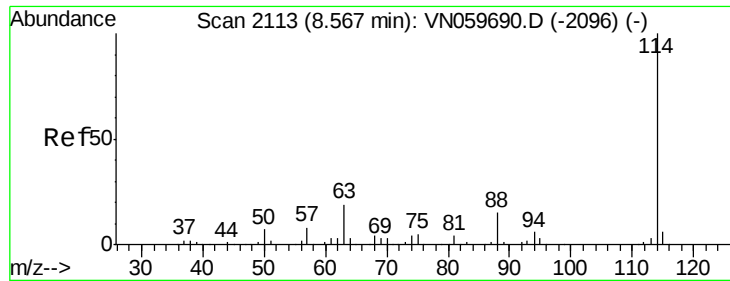
67 53.3 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

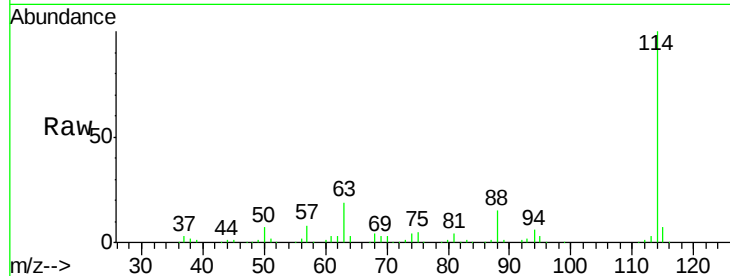




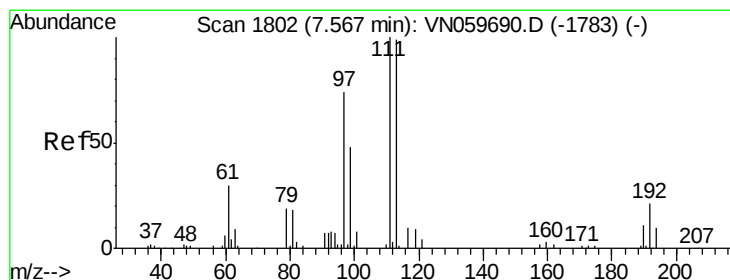
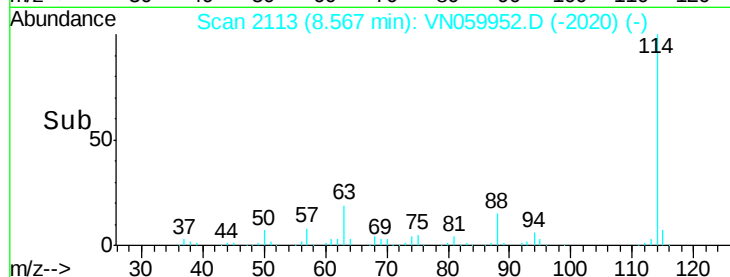
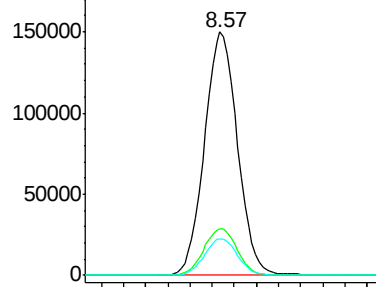
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN059952.D
 Acq: 31 Jan 2020 16:50

Instrument :
 MSVOA_N
 ClientSampleId :
 PB126487ZHE#03

Tot Ion:114 Resp: 310653
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 43.6
 88 15.1 0.0 31.4

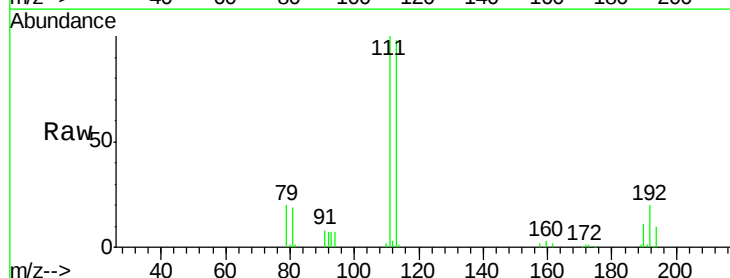


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

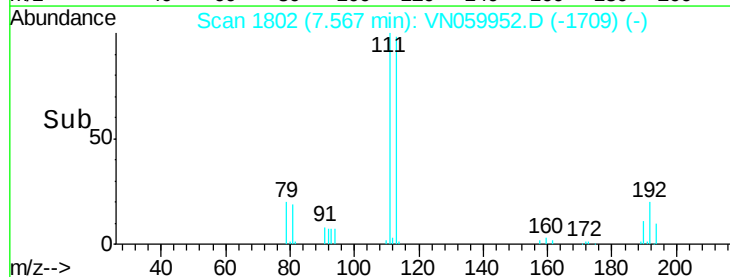
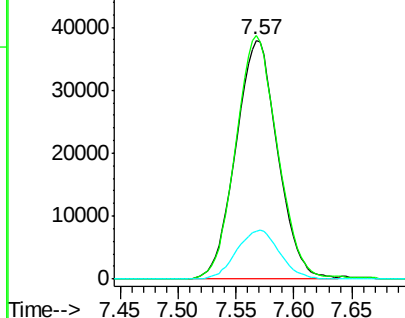


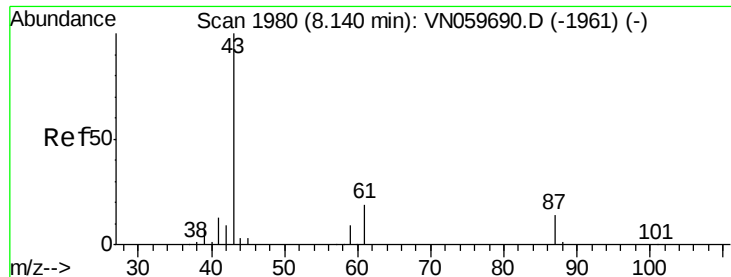
#35
 Dibromofluoromethane
 Concen: 51.444 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VN059952.D
 Acq: 31 Jan 2020 16:50

Tgt Ion:113 Resp: 95303
 Ion Ratio Lower Upper
 113 100
 111 101.8 83.5 125.3
 192 20.8 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: 9.558 ug/l

RT: 8.14 min Scan# 1981

Delta R.T. 0.00 min

Lab File: VN059952.D

Acq: 31 Jan 2020 16:50

Instrument :

MSVOA_N

ClientSampleId :

PB126487ZHE#03

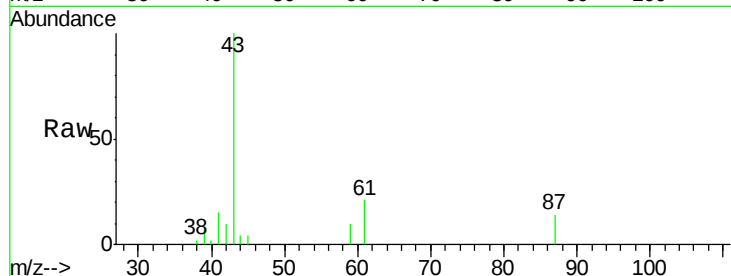
Tot Ion: 43 Resp: 41714

Ion Ratio Lower Upper

43 100

61 20.4 20.2 30.2

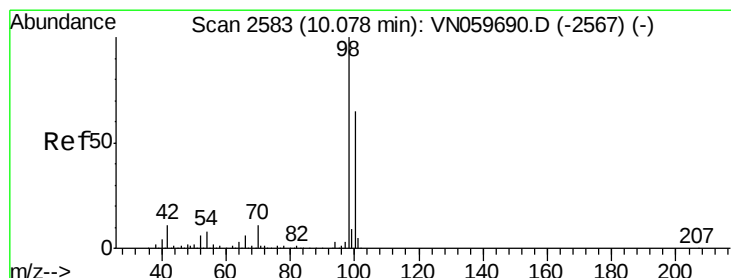
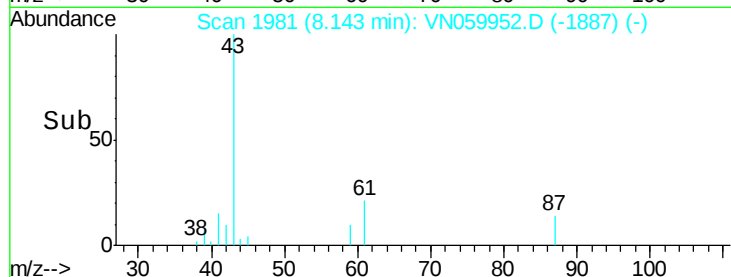
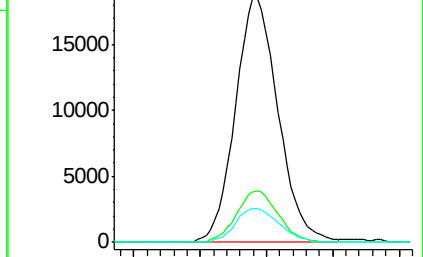
87 13.9 9.5 14.3



Abundance Ion 43.00 (42.70 to 43.70): VN059952.D (-1887) (-)

Ion 61.00 (60.70 to 61.70): VN059952.D (-1887) (-)

Ion 87.00 (86.70 to 87.70): VN059952.D (-1887) (-)



#50

Toluene-d8

Concen: 52.541 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN059952.D

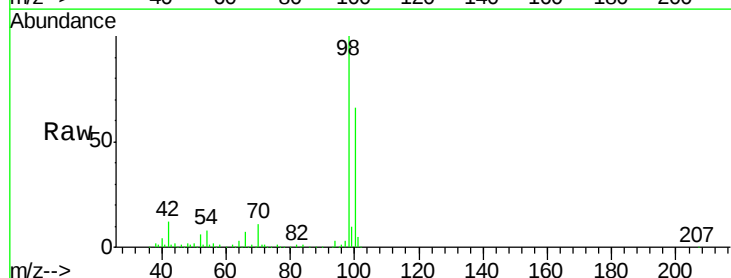
Acq: 31 Jan 2020 16:50

Tgt Ion: 98 Resp: 377123

Ion Ratio Lower Upper

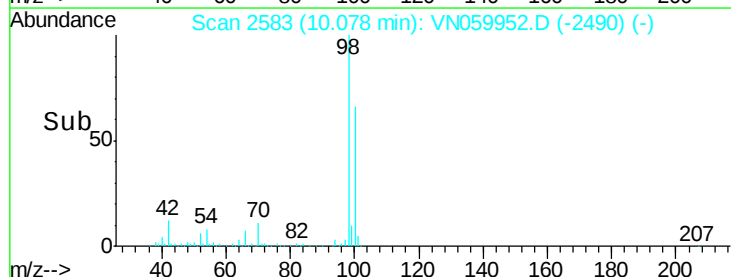
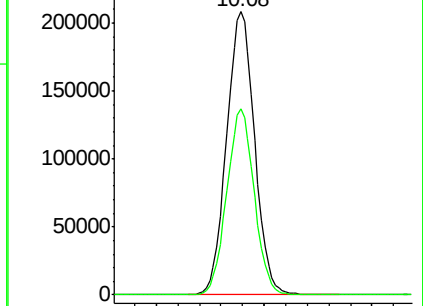
98 100

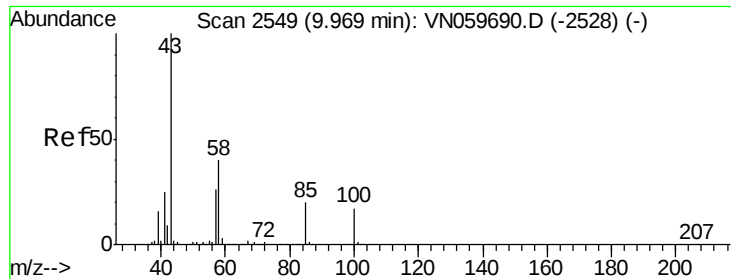
100 64.4 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN059952.D (-2490) (-)

Ion 100.00 (99.70 to 100.70): VN059952.D (-2490) (-)





#51

4-Methyl-2-Pentanone

Concen: 1.139 ug/l

RT: 9.97 min Scan# 2549

Delta R.T. 0.00 min

Lab File: VN059952.D

Acq: 31 Jan 2020 16:50

Instrument :

MSVOA_N

ClientSampleId :

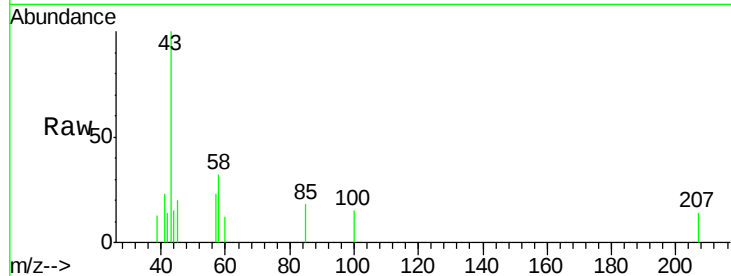
PB126487ZHE#03

Tot Ion: 43 Resp: 2874

Ion Ratio Lower Upper

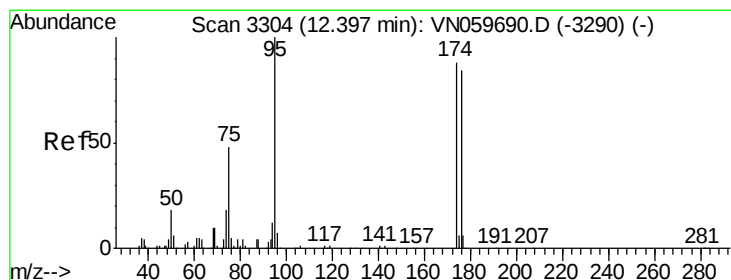
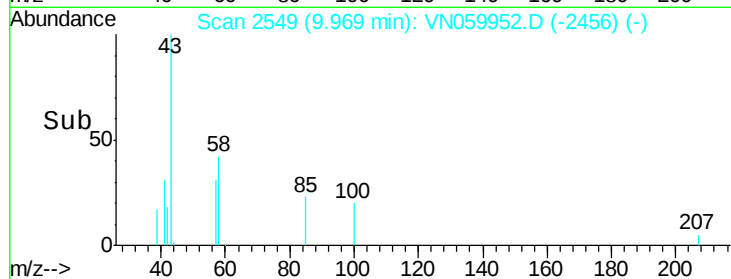
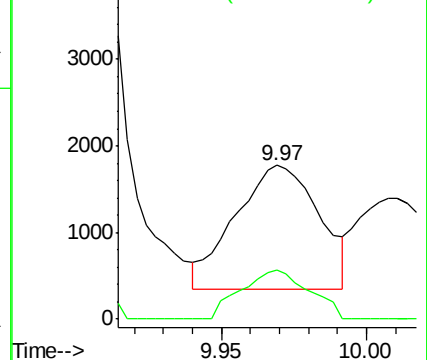
43 100

58 32.2 29.8 44.8



Abundance Ion 43.00 (42.70 to 43.70): VN059952.D (-2456) (-)

Ion 58.00 (57.70 to 58.70): VN059952.D (-2456) (-)



#62

4-Bromofluorobenzene

Concen: 51.495 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN059952.D

Acq: 31 Jan 2020 16:50

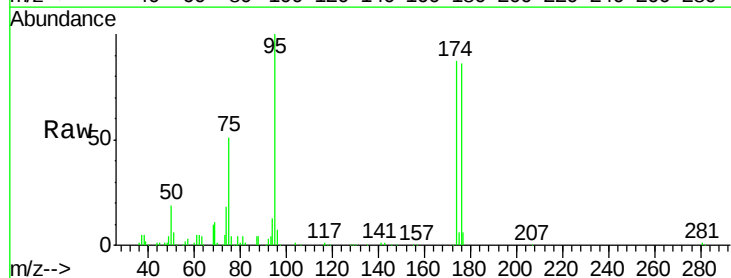
Tgt Ion: 95 Resp: 133246

Ion Ratio Lower Upper

95 100

174 87.7 0.0 151.4

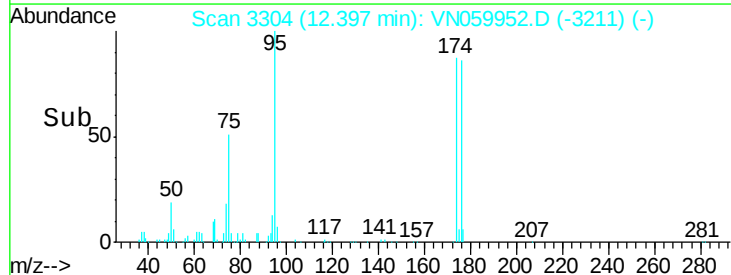
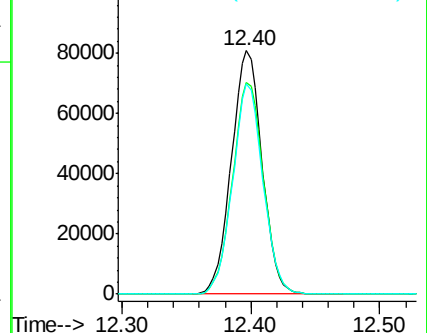
176 85.3 0.0 146.0

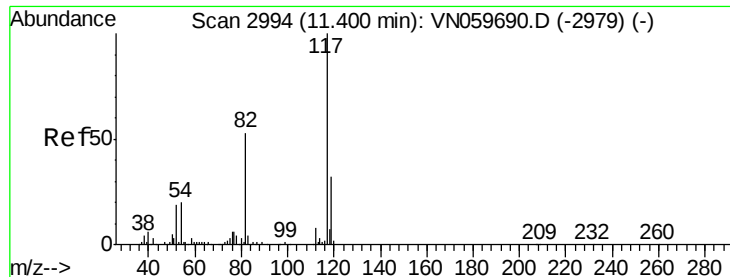


Abundance Ion 94.90 (94.60 to 95.60): VN059952.D (-3211) (-)

Ion 173.80 (173.50 to 174.50): VN059952.D (-3211) (-)

Ion 175.80 (175.50 to 176.50): VN059952.D (-3211) (-)





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. 0.00 min

Lab File: VN059952.D

Acq: 31 Jan 2020 16:50

Instrument :

MSVOA_N

ClientSampleId :

PB126487ZHE#03

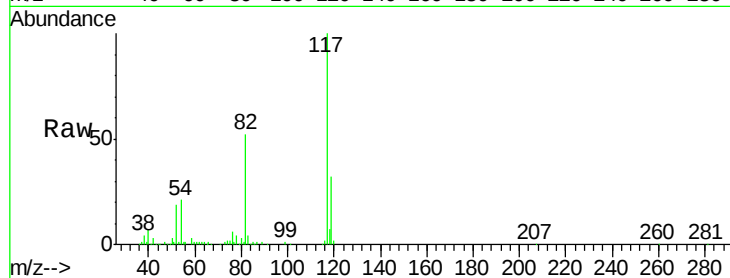
Tot Ion:117 Resp: 291613

Ion Ratio Lower Upper

117 100

82 52.5 45.9 68.9

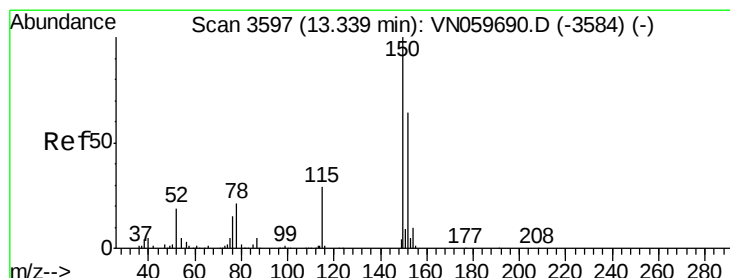
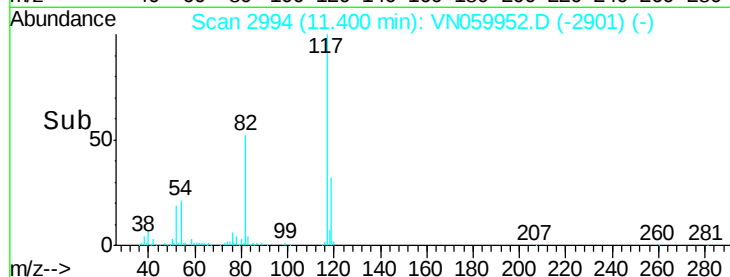
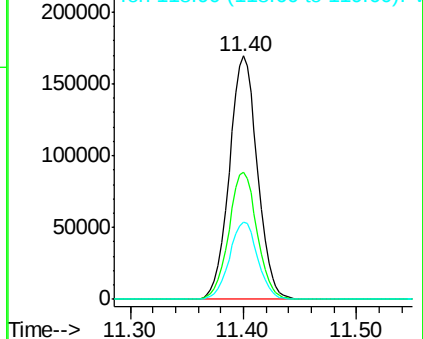
119 31.8 25.5 38.3



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: VN059952.D

Acq: 31 Jan 2020 16:50

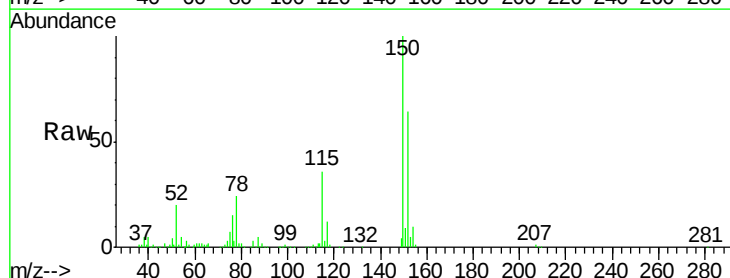
Tgt Ion:152 Resp: 133625

Ion Ratio Lower Upper

152 100

115 57.7 30.3 90.9

150 157.0 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

