

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN013120\
 Data File : VN059954.D
 Acq On : 31 Jan 2020 17:35
 Operator : JC/MD
 Sample : PB126487ZHE#05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB126487ZHE#05

Quant Time: Feb 03 03:35:09 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

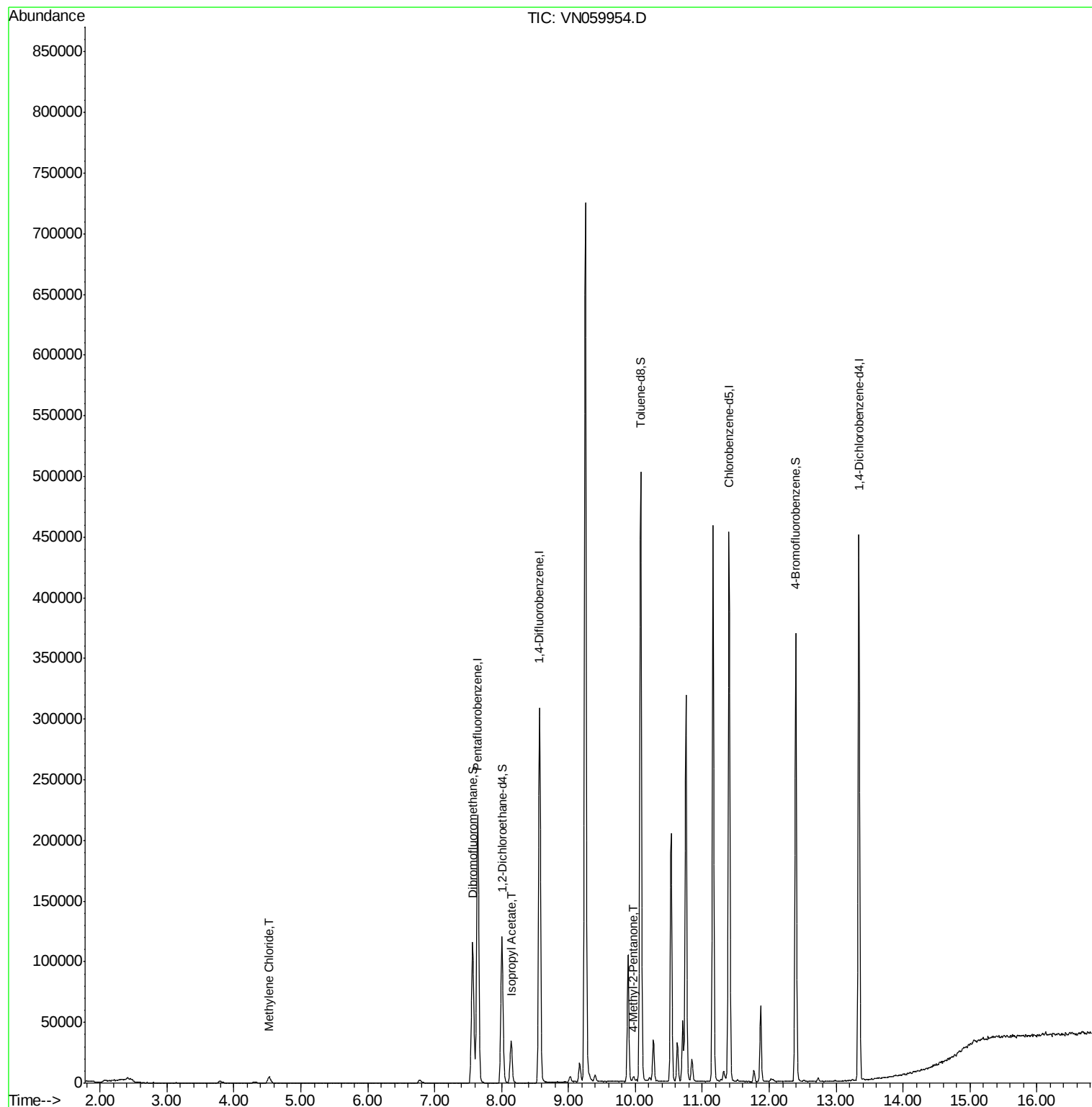
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	186452	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	285695	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	267928	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	123794	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	104961	50.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.38%	
35) Dibromofluoromethane	7.57	113	88566	51.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.96%	
50) Toluene-d8	10.08	98	347122	52.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.18%	
62) 4-Bromofluorobenzene	12.40	95	122671	51.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.10%	
Target Compounds						
20) Methylene Chloride	4.53	84	4290	1.022	ug/l #	85
43) Isopropyl Acetate	8.14	43	41537	10.349	ug/l #	90
51) 4-Methyl-2-Pentanone	9.97	43	2680	1.155	ug/l	92

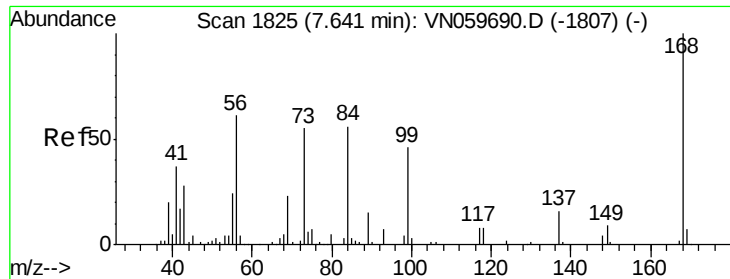
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN013120\
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Quant Time: Feb 03 03:35:09 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: VN059954.D

Acq: 31 Jan 2020 17:35

Instrument :

MSVOA_N

ClientSampleId :

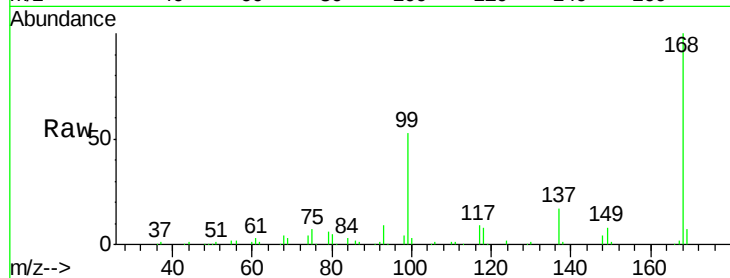
PB126487ZHE#05

Tot Ion:168 Resp: 186452

Ion Ratio Lower Upper

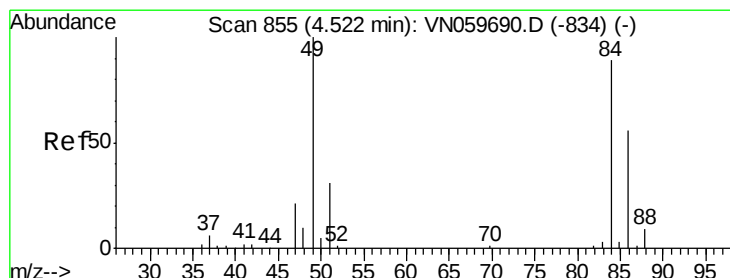
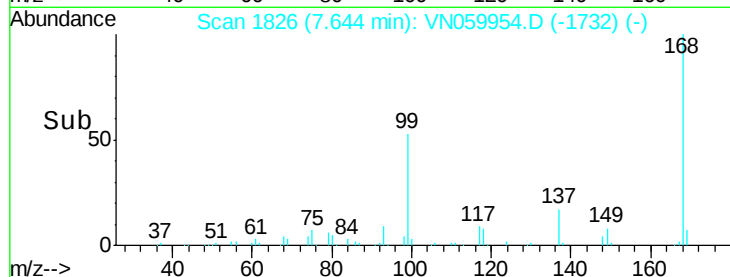
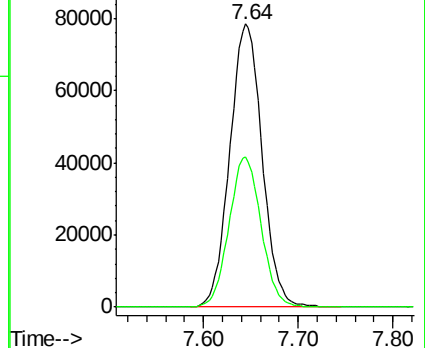
168 100

99 53.0 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: 1.022 ug/l

RT: 4.53 min Scan# 857

Delta R.T. 0.01 min

Lab File: VN059954.D

Acq: 31 Jan 2020 17:35

Tgt Ion: 84 Resp: 4290

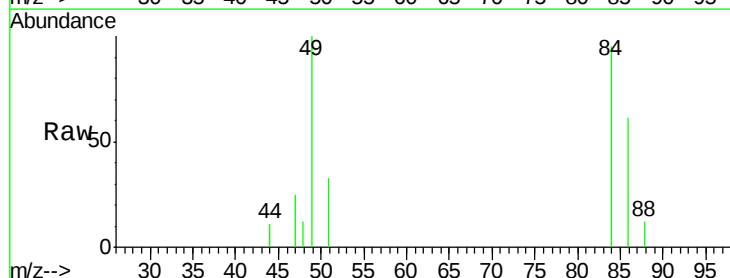
Ion Ratio Lower Upper

84 100

49 105.7 106.6 160.0#

51 34.6 31.9 47.9

86 64.0 50.8 76.2

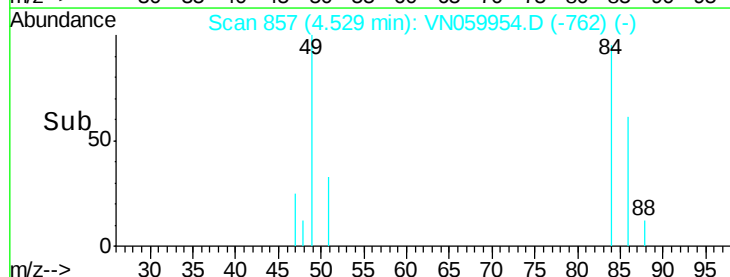
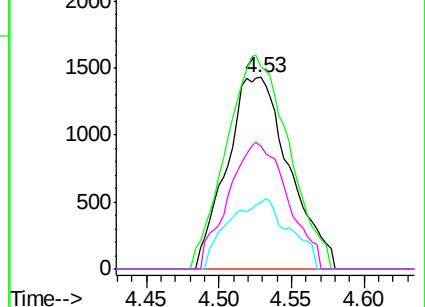


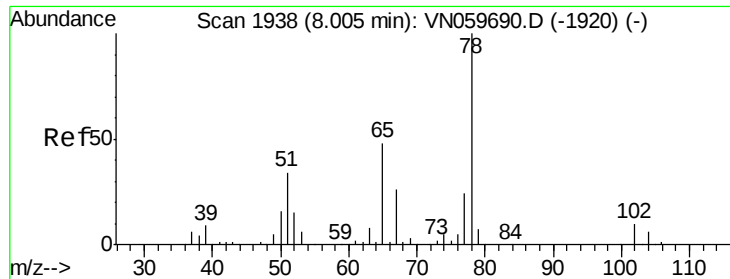
Abundance Ion 83.90 (83.60 to 84.60): VNO

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: 50.691 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. 0.00 min

Lab File: VN059954.D

Acq: 31 Jan 2020 17:35

Instrument :

MSVOA_N

ClientSampleId :

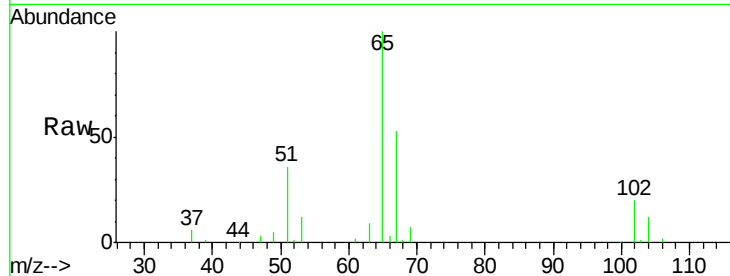
PB126487ZHE#05

Tot Ion: 65 Resp: 104961

Ion Ratio Lower Upper

65 100

67 52.7 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VN059954.D (-1845) (-)

Ion 66.90 (66.60 to 67.60): VN059954.D (-1845) (-)

8.00

50000

40000

30000

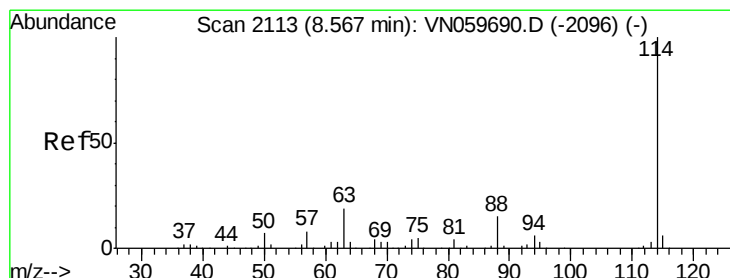
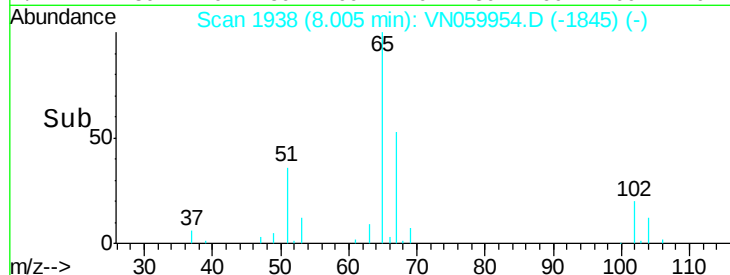
20000

10000

0

Time-->

7.90 8.00 8.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2113

Delta R.T. 0.00 min

Lab File: VN059954.D

Acq: 31 Jan 2020 17:35

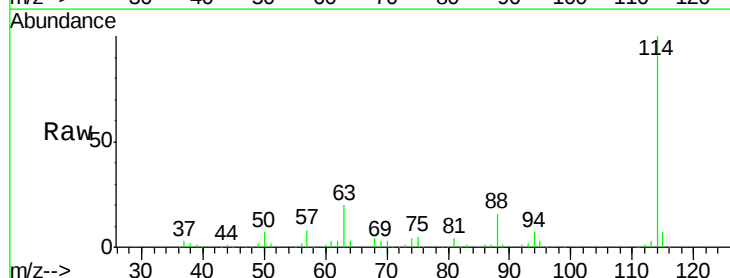
Tgt Ion: 114 Resp: 285695

Ion Ratio Lower Upper

114 100

63 19.6 0.0 43.6

88 15.6 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): VN059954.D (-2020) (-)

Ion 63.00 (62.70 to 63.70): VN059954.D (-2020) (-)

Ion 87.90 (87.60 to 88.60): VN059954.D (-2020) (-)

8.57

150000

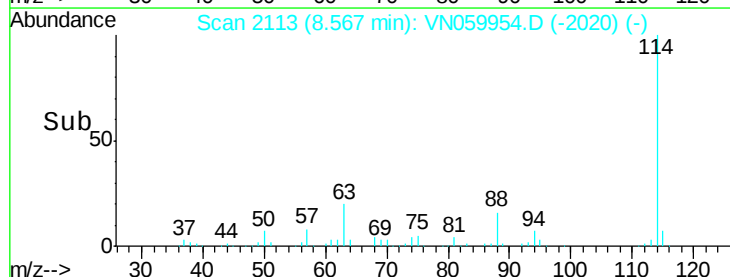
100000

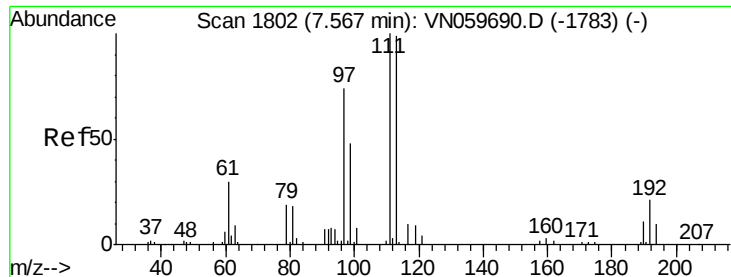
50000

0

Time-->

8.50 8.60 8.70

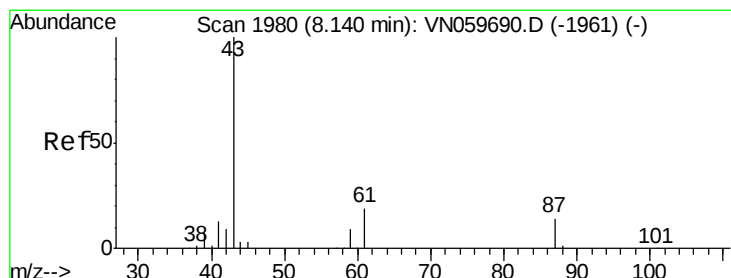
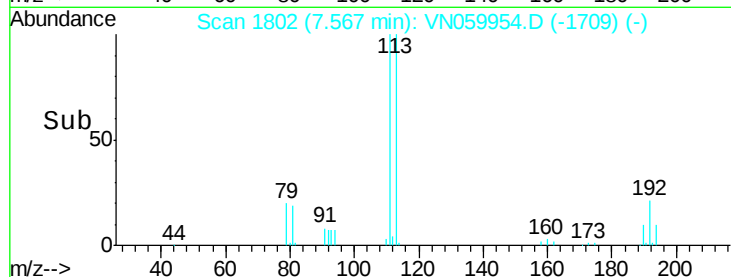
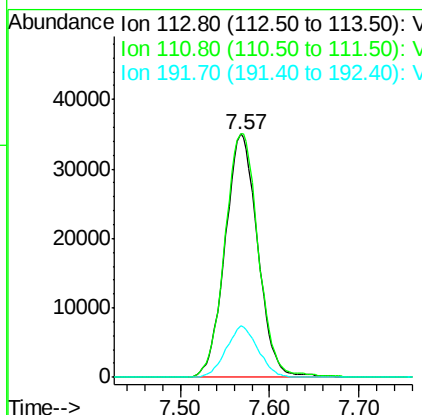
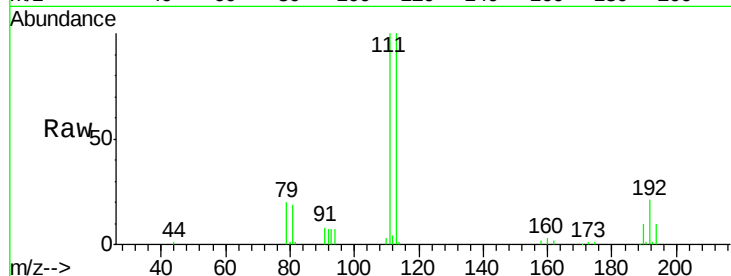




#35
 Dibromofluoromethane
 Concen: 51.984 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VN059954.D
 Acq: 31 Jan 2020 17:35

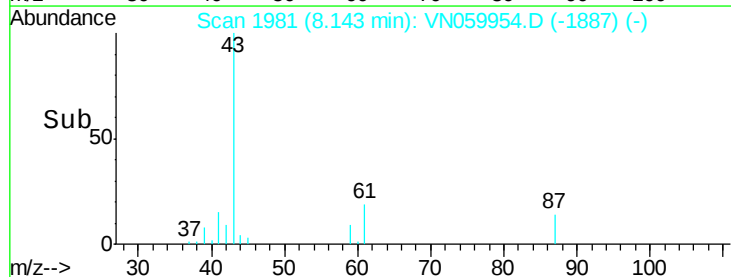
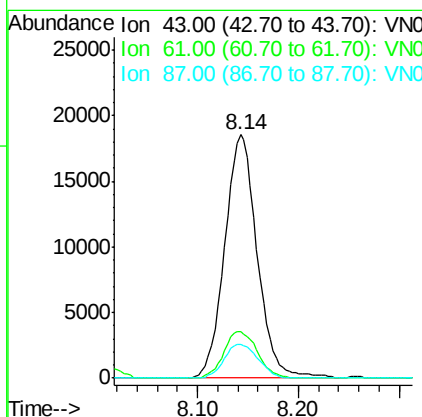
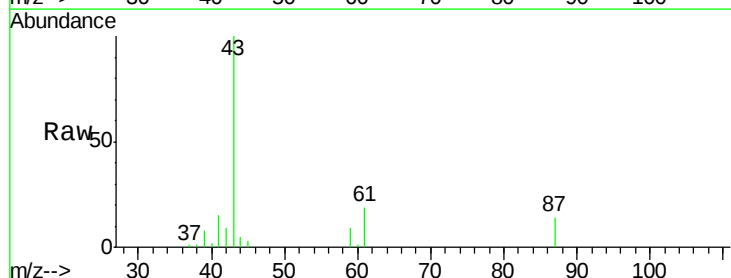
Instrument :
 MSVOA_N
 ClientSampleId :
 PB126487ZHE#05

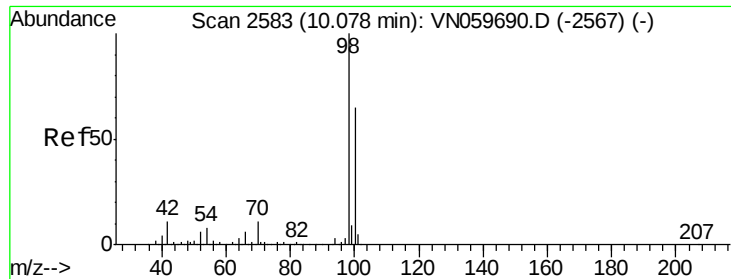
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.1	83.5	125.3
192	20.5	15.4	23.2



#43
 Isopropyl Acetate
 Concen: 10.349 ug/l
 RT: 8.14 min Scan# 1981
 Delta R.T. 0.00 min
 Lab File: VN059954.D
 Acq: 31 Jan 2020 17:35

Tgt Ion	Ratio	Lower	Upper
43	100		
61	19.7	20.2	30.2#
87	14.4	9.5	14.3#





#50

Toluene-d8

Concen: 52.586 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN059954.D

Acq: 31 Jan 2020 17:35

Instrument :

MSVOA_N

ClientSampleId :

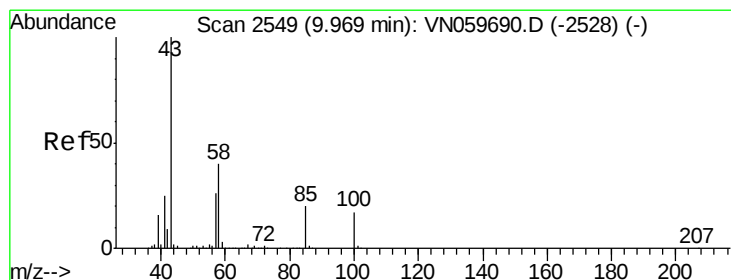
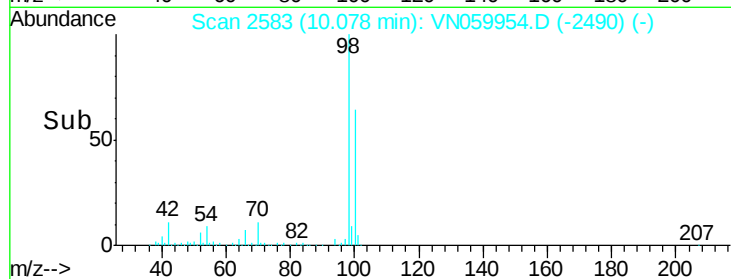
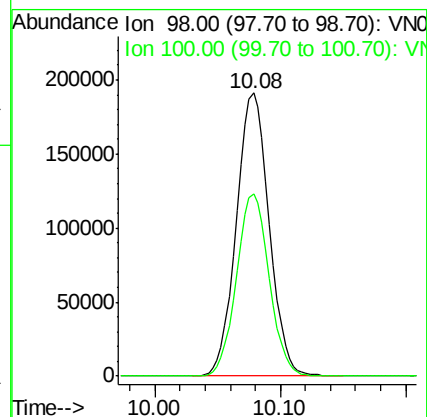
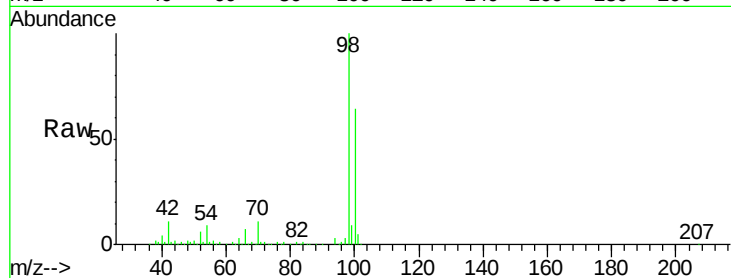
PB126487ZHE#05

Tot Ion: 98 Resp: 347122

Ion Ratio Lower Upper

98 100

100 64.3 51.2 76.8



#51

4-Methyl-2-Pentanone

Concen: 1.155 ug/l

RT: 9.97 min Scan# 2550

Delta R.T. 0.00 min

Lab File: VN059954.D

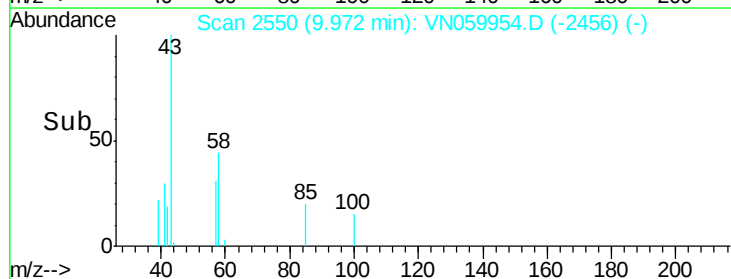
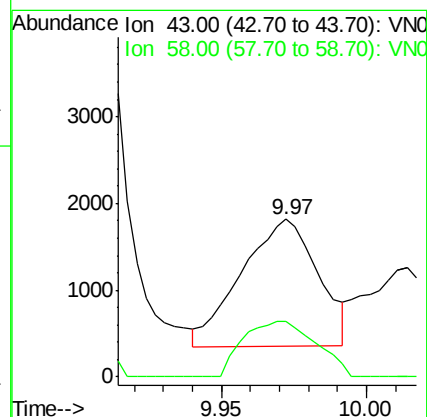
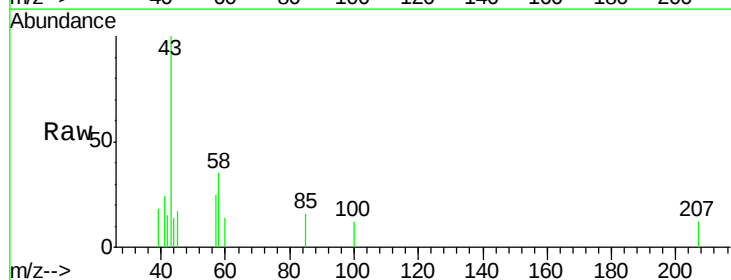
Acq: 31 Jan 2020 17:35

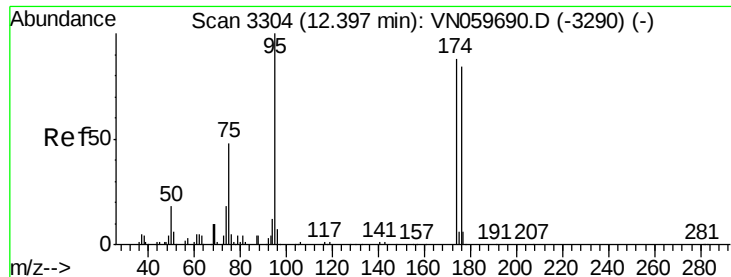
Tgt Ion: 43 Resp: 2680

Ion Ratio Lower Upper

43 100

58 41.8 29.8 44.8





#62

4-Bromofluorobenzene

Concen: 51.549 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN059954.D

Acq: 31 Jan 2020 17:35

Instrument :

MSVOA_N

ClientSampleId :

PB126487ZHE#05

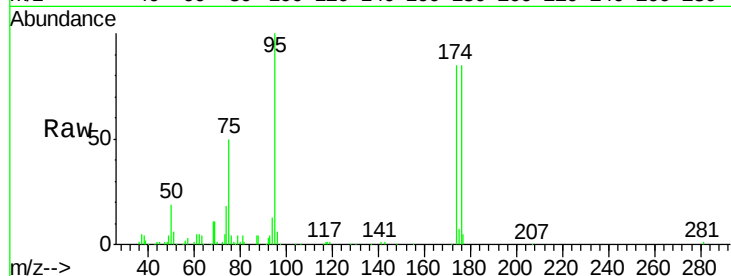
Tot Ion: 95 Resp: 122671

Ion Ratio Lower Upper

95 100

174 86.5 0.0 151.4

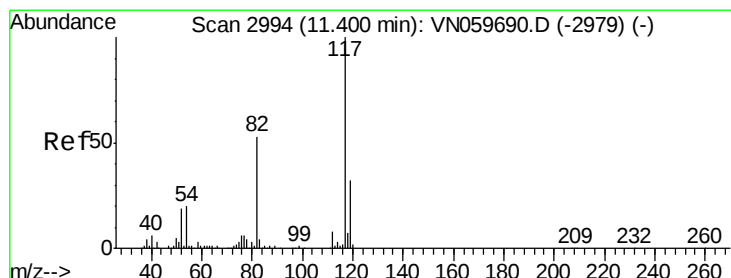
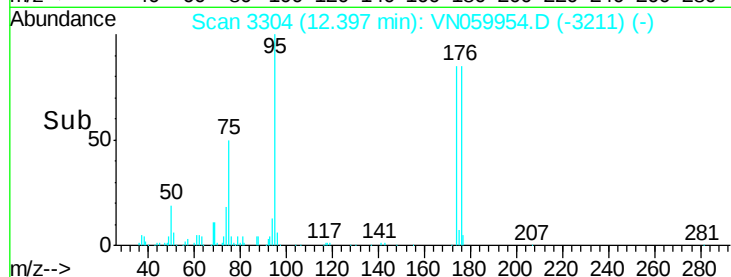
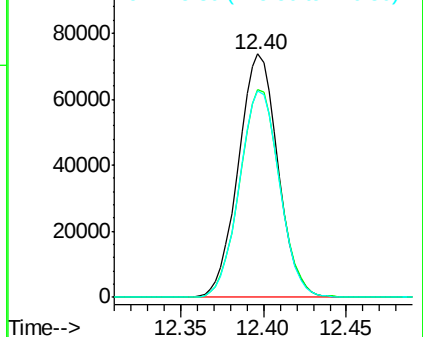
176 85.9 0.0 146.0



Abundance Ion 94.90 (94.60 to 95.60): VN059954.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN059954.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN059954.D (-3290) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. 0.00 min

Lab File: VN059954.D

Acq: 31 Jan 2020 17:35

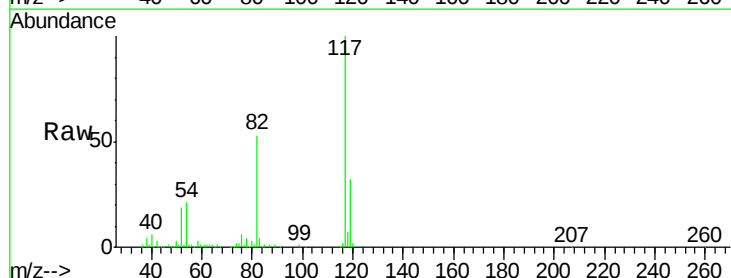
Tgt Ion: 117 Resp: 267928

Ion Ratio Lower Upper

117 100

82 53.2 45.9 68.9

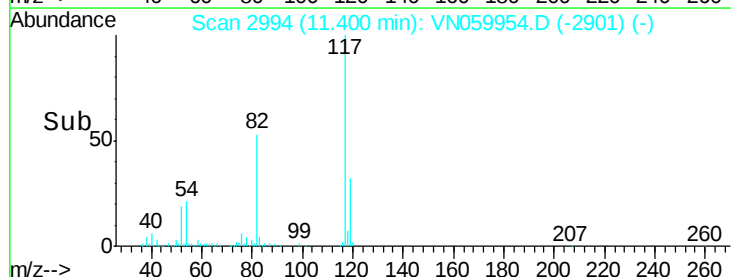
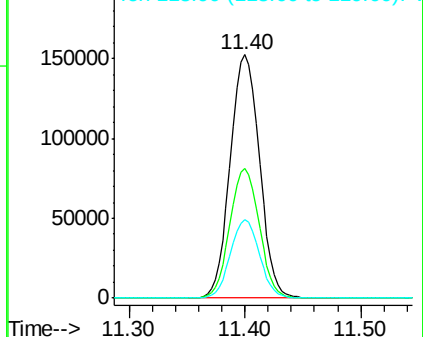
119 32.1 25.5 38.3

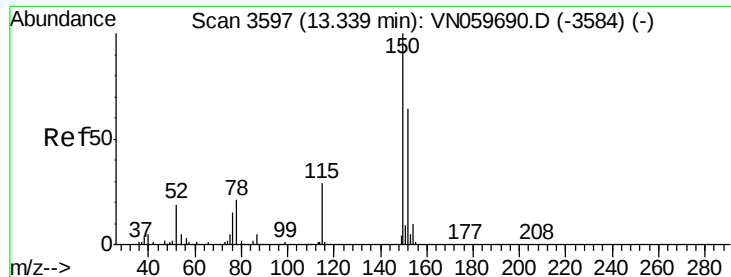


Abundance Ion 116.90 (116.60 to 117.60): VN059954.D (-2979) (-)

Ion 82.00 (81.70 to 82.70): VN059954.D (-2979) (-)

Ion 118.90 (118.60 to 119.60): VN059954.D (-2979) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN059954.D

Acq: 31 Jan 2020 17:35

Instrument :

MSVOA_N

ClientSampleId :

PB126487ZHE#05

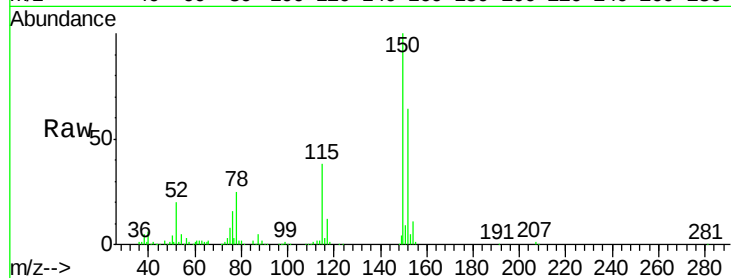
Tot Ion:152 Resp: 123794

Ion Ratio Lower Upper

152 100

115 57.4 30.3 90.9

150 156.3 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

