

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN013120\
 Data File : VN059943.D
 Acq On : 31 Jan 2020 13:26
 Operator : JC/MD
 Sample : PB126487TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB126487TB

Quant Time: Feb 03 03:06:09 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

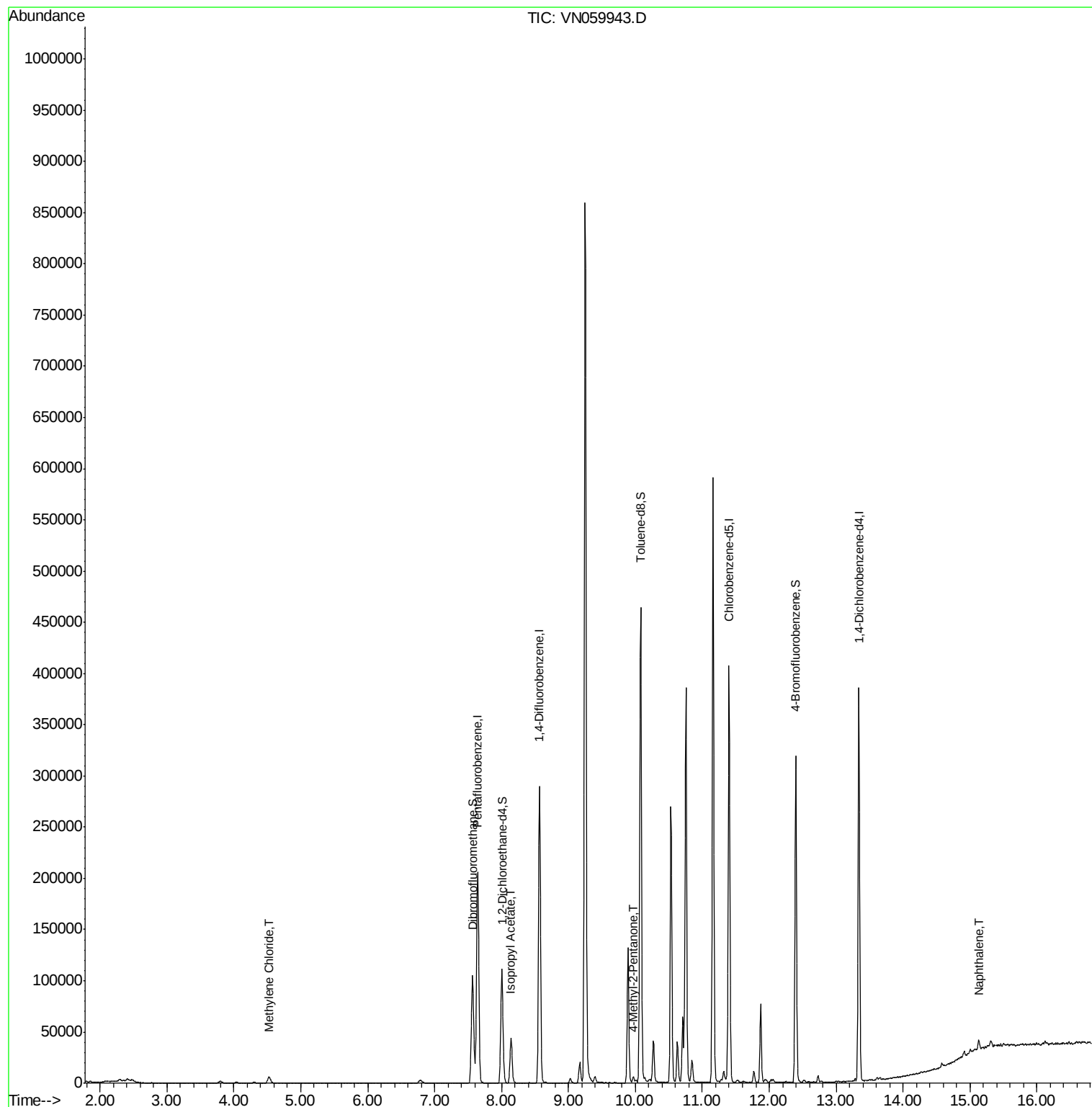
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	177776	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	270206	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	238081	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	102347	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	95607	48.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.86%	
35) Dibromofluoromethane	7.57	113	81315	50.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.92%	
50) Toluene-d8	10.08	98	321205	51.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.90%	
62) 4-Bromofluorobenzene	12.40	95	106705	47.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.82%	
Target Compounds						
20) Methylene Chloride	4.53	84	4862	1.466	ug/l #	78
43) Isopropyl Acetate	8.14	43	51699	13.619	ug/l #	90
51) 4-Methyl-2-Pentanone	9.97	43	3875	1.766	ug/l	97
95) Naphthalene	15.13	128	8658	1.552	ug/l	98

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN013120\
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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: VN059943.D

Acq: 31 Jan 2020 13:26

Instrument :

MSVOA_N

ClientSampleId :

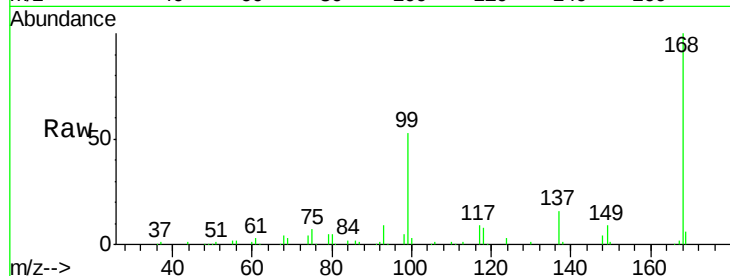
PB126487TB

Tot Ion:168 Resp: 177776

Ion Ratio Lower Upper

168 100

99 53.4 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.64

80000

60000

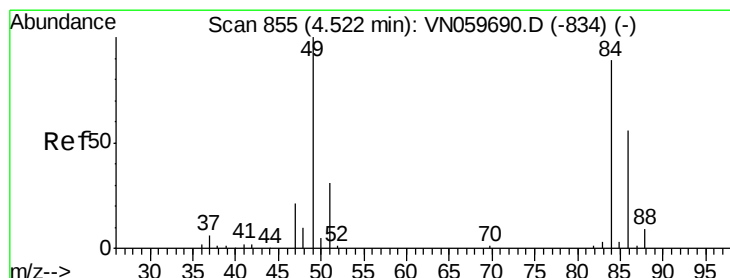
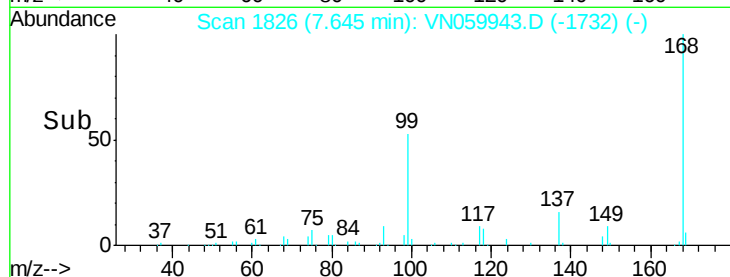
40000

20000

0

7.60 7.70

Time-->



#20

Methylene Chloride

Concen: 1.466 ug/l

RT: 4.53 min Scan# 856

Delta R.T. 0.00 min

Lab File: VN059943.D

Acq: 31 Jan 2020 13:26

Tgt Ion: 84 Resp: 4862

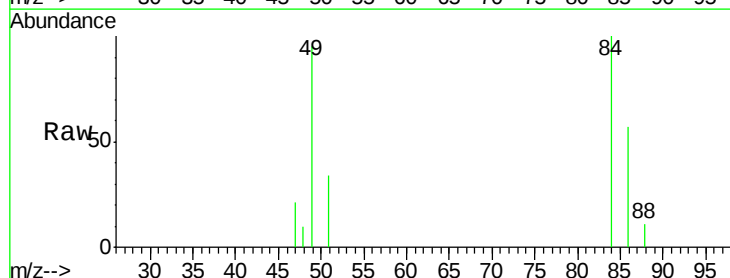
Ion Ratio Lower Upper

84 100

49 95.1 106.6 160.0#

51 34.2 31.9 47.9

86 56.9 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

2500

2000

1500

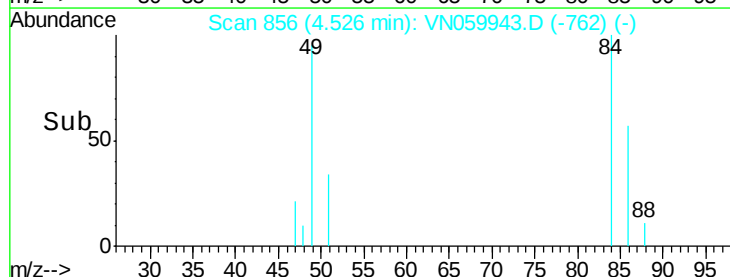
1000

500

0

4.45 4.50 4.55 4.60

Time-->

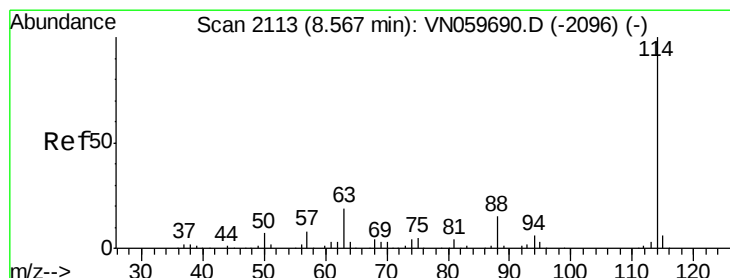
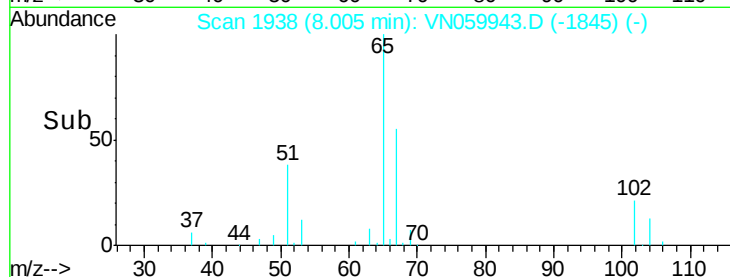
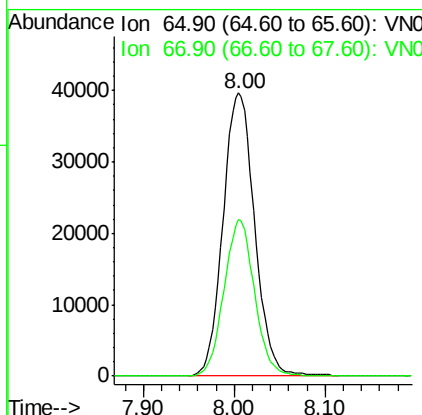
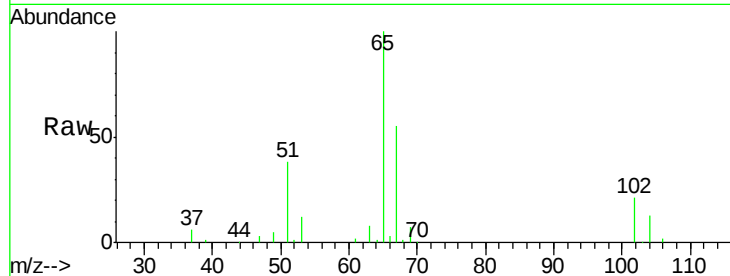




#33
 1,2-Dichloroethane-d4
 Concen: 48.427 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VN059943.D
 Acq: 31 Jan 2020 13:26

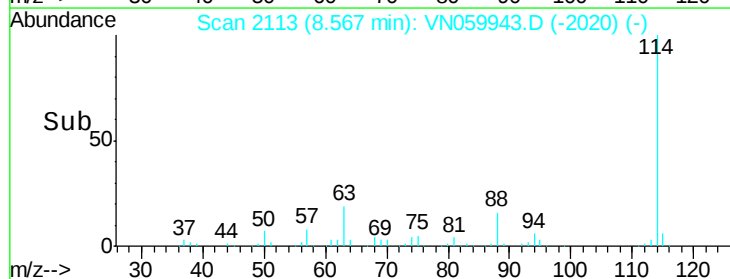
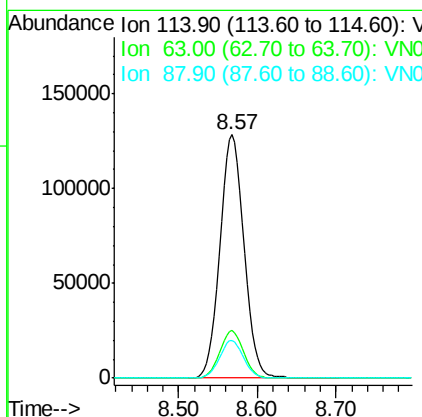
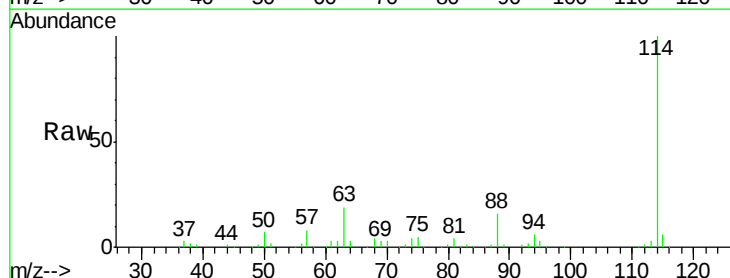
Instrument :
 MSVOA_N
 ClientSampleId :
 PB126487TB

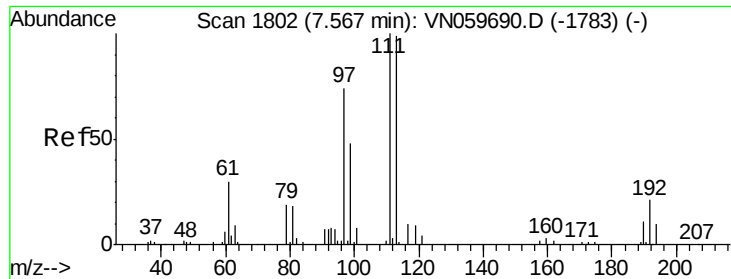
Tot Ion: 65 Resp: 95607
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN059943.D
 Acq: 31 Jan 2020 13:26

Tgt Ion: 114 Resp: 270206
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 43.6
 88 15.7 0.0 31.4

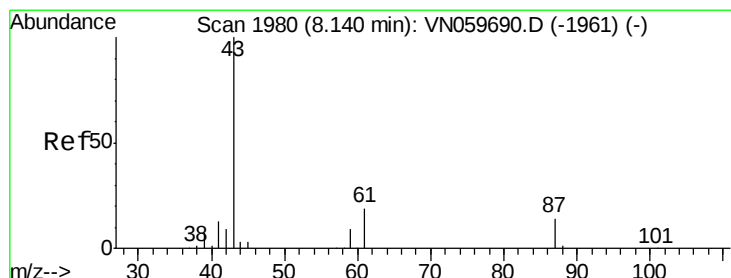
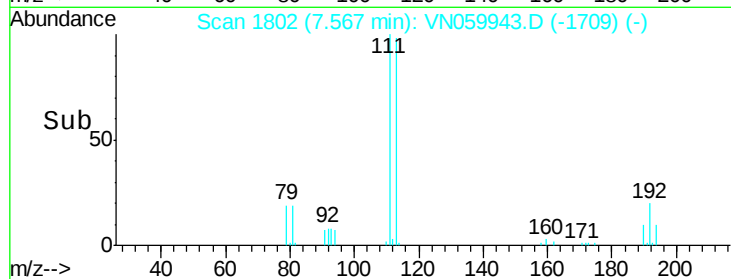
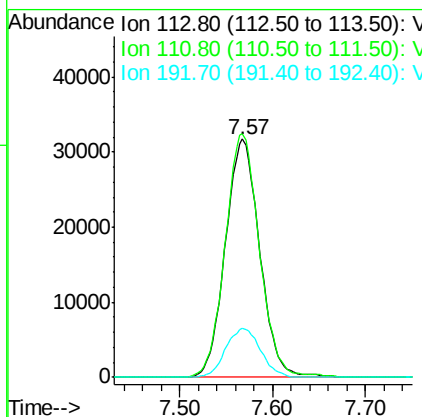
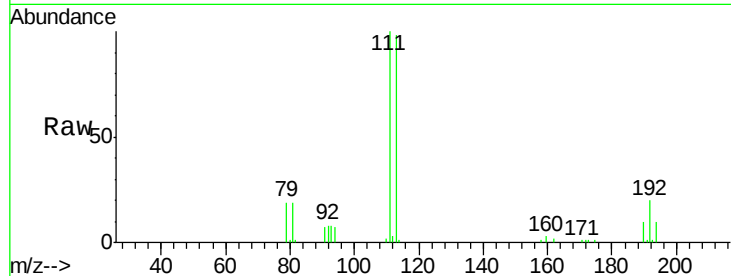




#35
 Dibromofluoromethane
 Concen: 50.464 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VN059943.D
 Acq: 31 Jan 2020 13:26

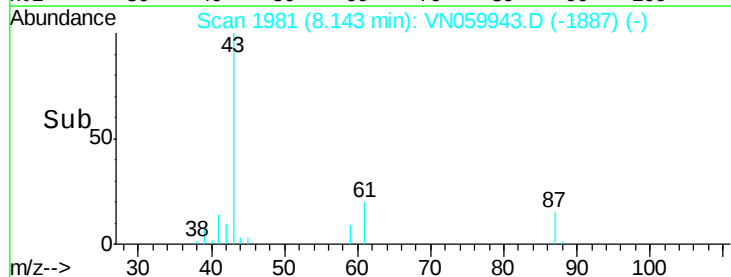
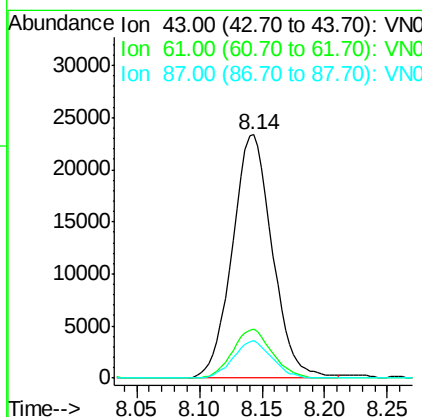
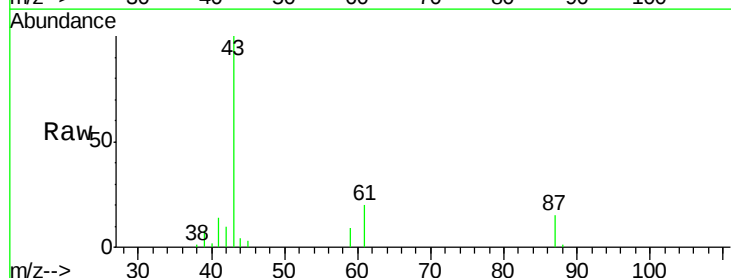
Instrument :
 MSVOA_N
 ClientSampleId :
 PB126487TB

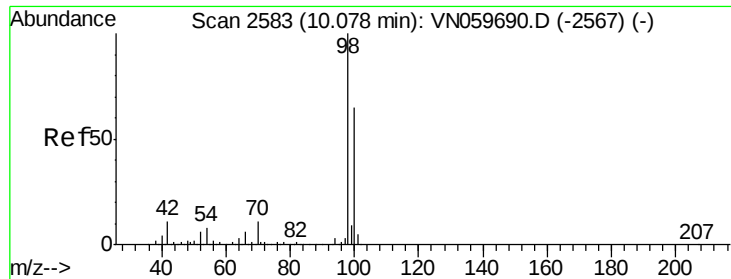
Tot Ion:113 Resp: 81315
 Ion Ratio Lower Upper
 113 100
 111 102.2 83.5 125.3
 192 20.8 15.4 23.2



#43
 Isopropyl Acetate
 Concen: 13.619 ug/l
 RT: 8.14 min Scan# 1981
 Delta R.T. 0.00 min
 Lab File: VN059943.D
 Acq: 31 Jan 2020 13:26

Tgt Ion: 43 Resp: 51699
 Ion Ratio Lower Upper
 43 100
 61 19.7 20.2 30.2#
 87 14.6 9.5 14.3#





#50

Toluene-d8

Concen: 51.449 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN059943.D

Acq: 31 Jan 2020 13:26

Instrument :

MSVOA_N

ClientSampleId :

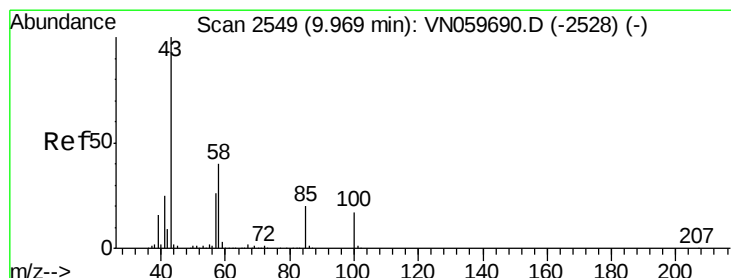
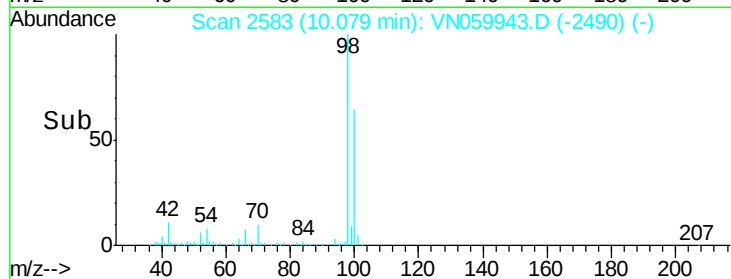
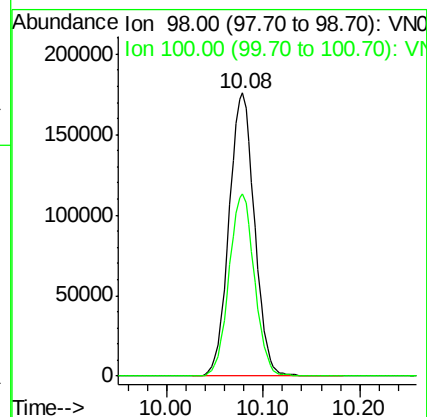
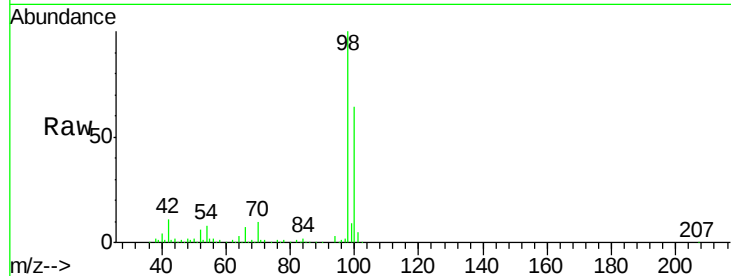
PB126487TB

Tot Ion: 98 Resp: 321205

Ion Ratio Lower Upper

98 100

100 64.2 51.2 76.8



#51

4-Methyl-2-Pentanone

Concen: 1.766 ug/l

RT: 9.97 min Scan# 2549

Delta R.T. 0.00 min

Lab File: VN059943.D

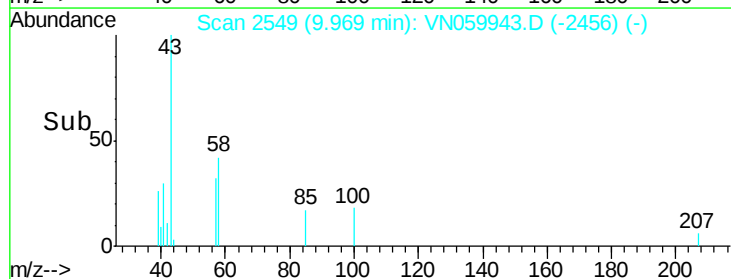
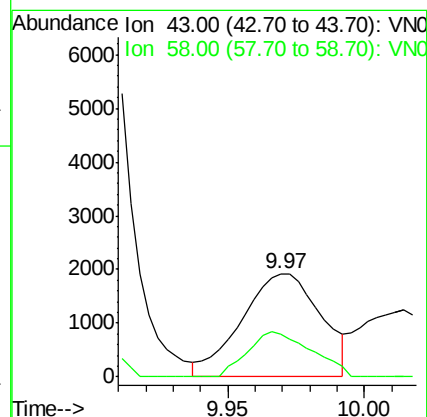
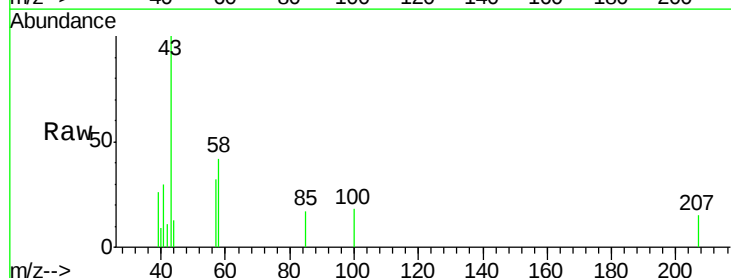
Acq: 31 Jan 2020 13:26

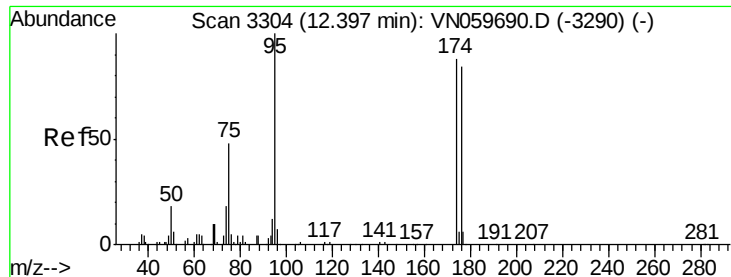
Tgt Ion: 43 Resp: 3875

Ion Ratio Lower Upper

43 100

58 35.4 29.8 44.8





#62

4-Bromofluorobenzene

Concen: 47.410 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN059943.D

Acq: 31 Jan 2020 13:26

Instrument :

MSVOA_N

ClientSampled :

PB126487TB

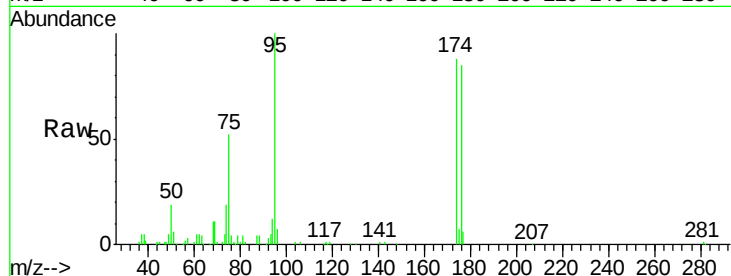
Tot Ion: 95 Resp: 106705

Ion Ratio Lower Upper

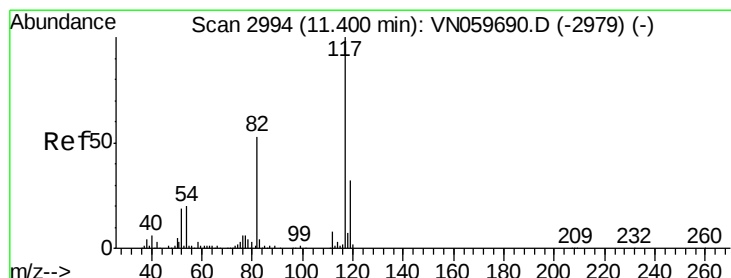
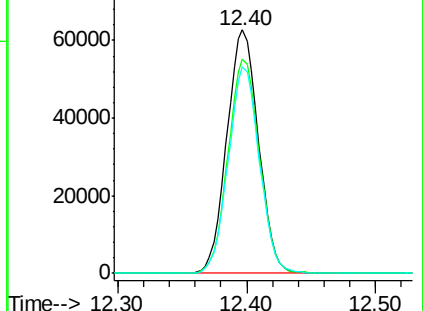
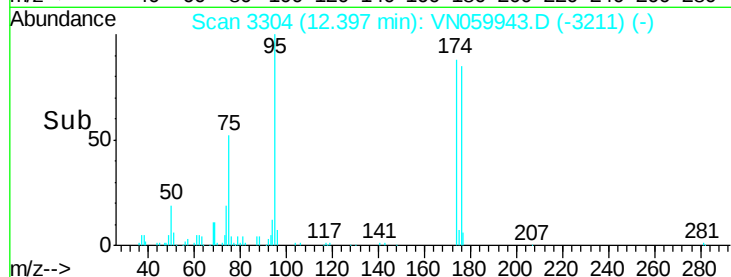
95 100

174 87.4 0.0 151.4

176 83.5 0.0 146.0



Abundance Ion 94.90 (94.60 to 95.60): VN059943.D (-3211) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. 0.00 min

Lab File: VN059943.D

Acq: 31 Jan 2020 13:26

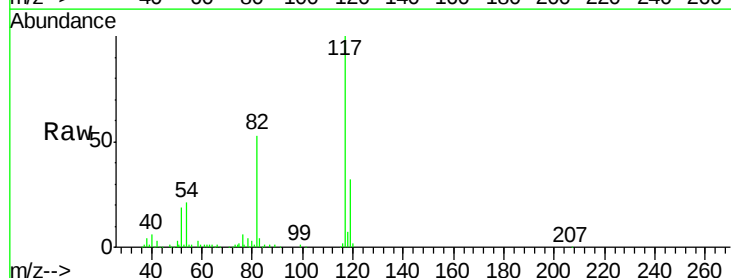
Tgt Ion: 117 Resp: 238081

Ion Ratio Lower Upper

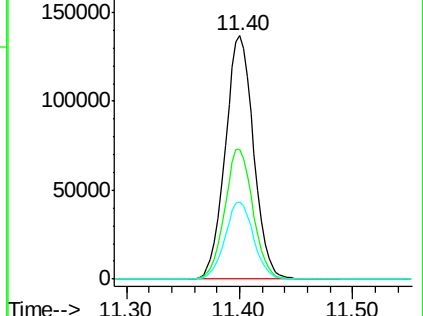
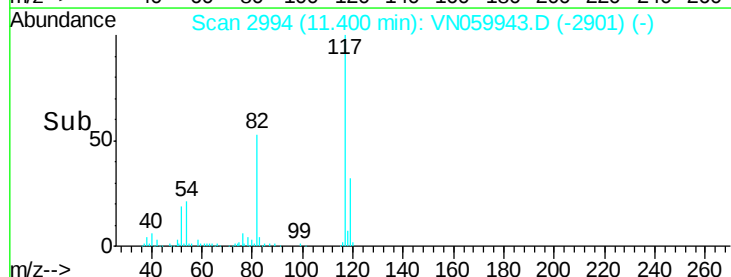
117 100

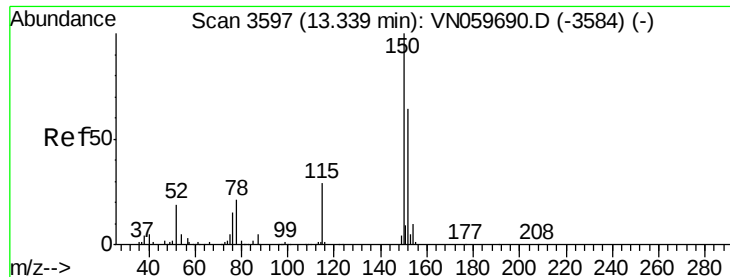
82 53.5 45.9 68.9

119 31.8 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): VN059943.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: VN059943.D

Acq: 31 Jan 2020 13:26

Instrument :

MSVOA_N

ClientSampled :

PB126487TB

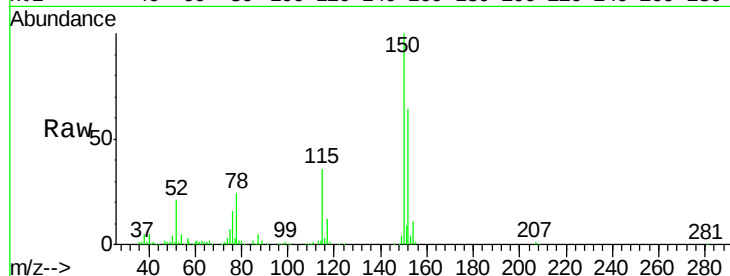
Tot Ion:152 Resp: 102347

Ion Ratio Lower Upper

152 100

115 57.6 30.3 90.9

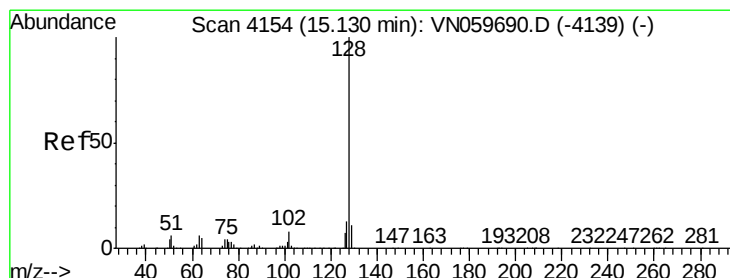
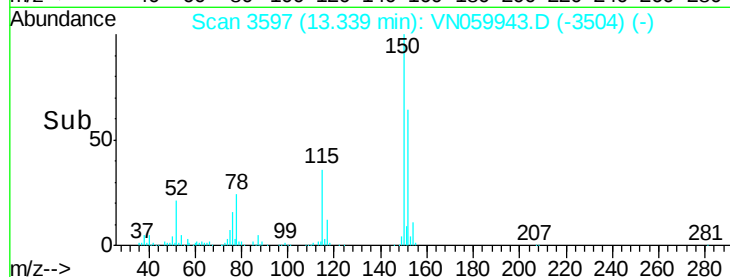
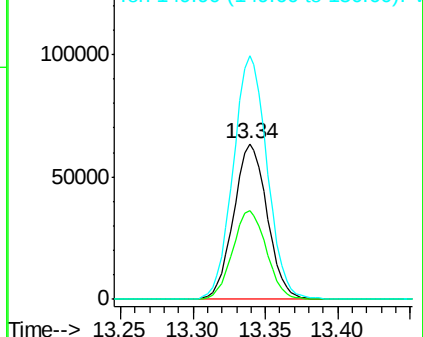
150 158.2 0.0 345.2



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



#95

Naphthalene

Concen: 1.552 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN059943.D

Acq: 31 Jan 2020 13:26

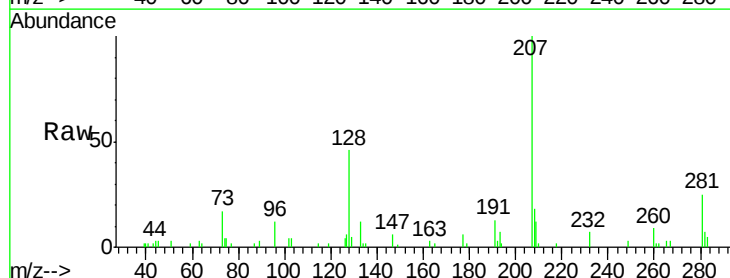
Tgt Ion:128 Resp: 8658

Ion Ratio Lower Upper

128 100

127 11.9 10.4 15.6

129 10.1 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

