

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN012020\
 Data File : VN059788.D
 Acq On : 20 Jan 2020 15:43
 Operator : JC/MD
 Sample : L1175-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 5-SAR-001-003-01

Quant Time: Jan 21 02:44:28 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

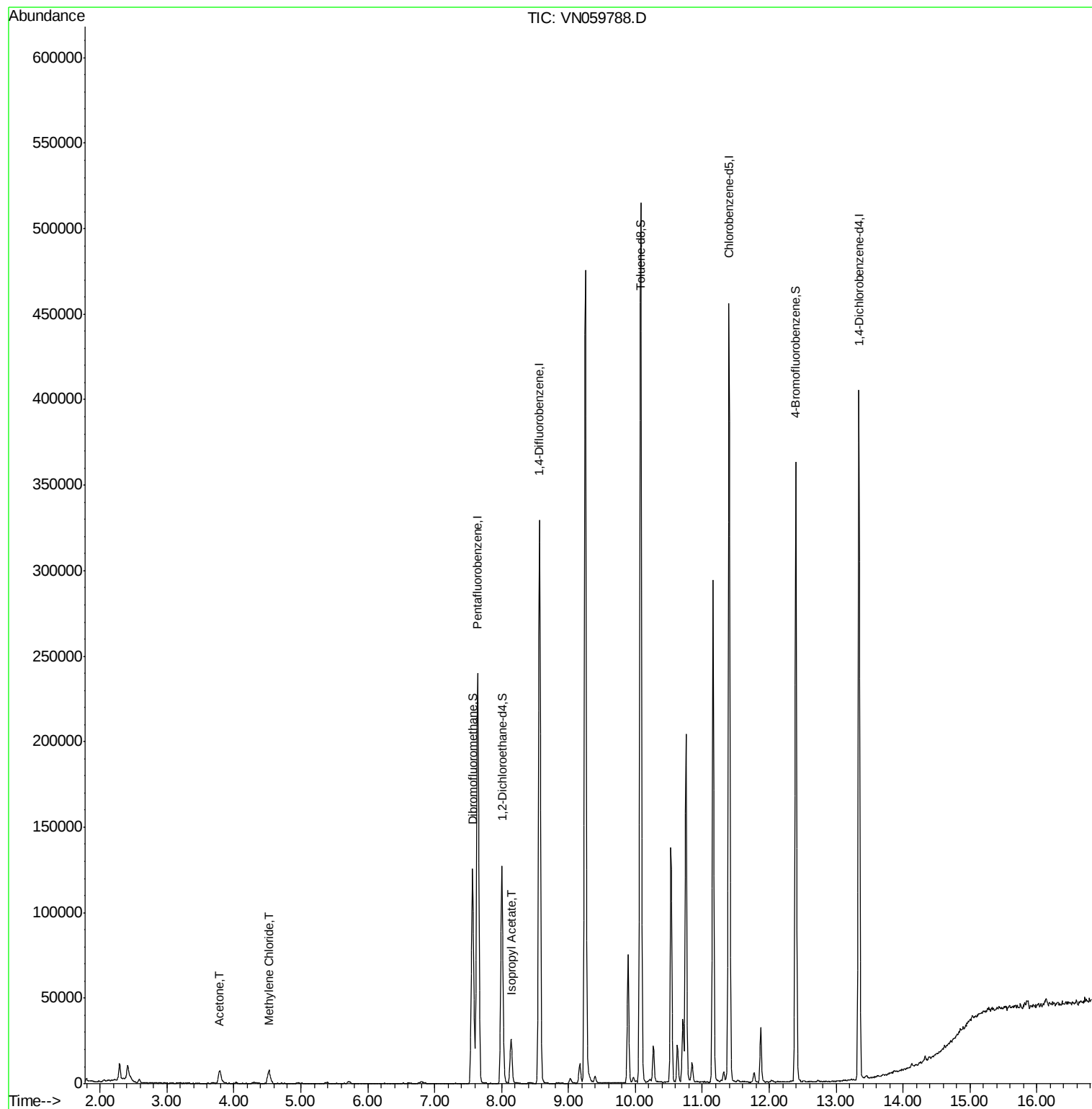
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	207392	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	308790	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	271928	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	113392	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	108466	47.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.18%	
35) Dibromofluoromethane	7.57	113	93637	50.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.70%	
50) Toluene-d8	10.08	98	362402	50.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.58%	
62) 4-Bromofluorobenzene	12.40	95	120180	46.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.46%	
Target Compounds						
16) Acetone	3.79	43	13242	7.132	ug/l	92
20) Methylene Chloride	4.52	84	6395	1.822	ug/l #	73
43) Isopropyl Acetate	8.14	43	30873	7.117	ug/l	92

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN059788.D

Acq: 20 Jan 2020 15:43

Instrument :

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ClientSampleId :

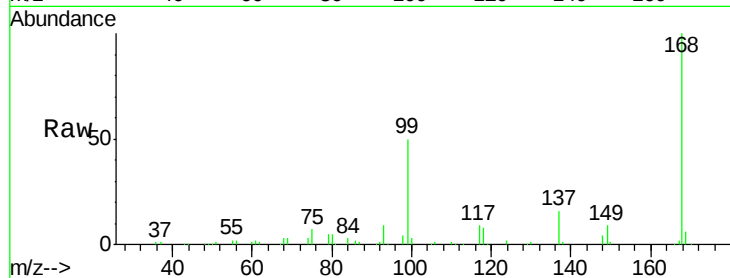
5-SAR-001-003-01

Tot Ion:168 Resp: 207392

Ion Ratio Lower Upper

168 100

99 50.3 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VN059690.D (-1807) (-)

Ion 98.90 (98.60 to 99.60): VN059690.D (-1807) (-)

7.64

100000

80000

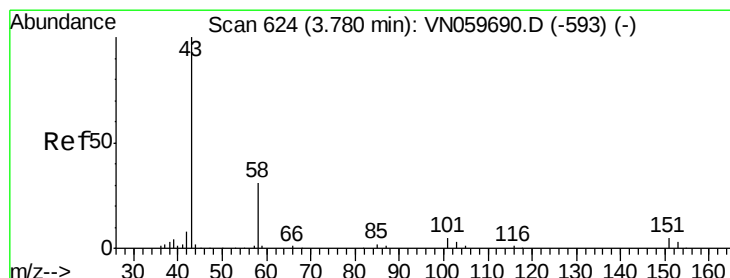
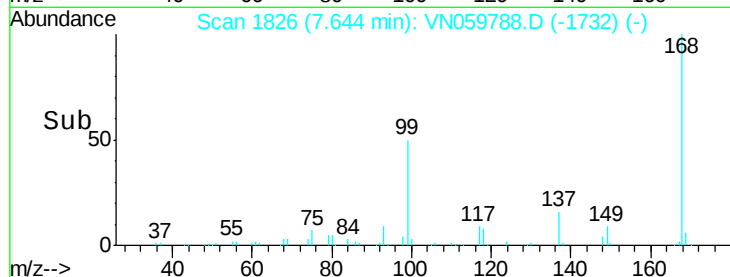
60000

40000

20000

0

Time--> 7.50 7.60 7.70 7.80



#16

Acetone

Concen: 7.132 ug/l

RT: 3.79 min Scan# 626

Delta R.T. 0.01 min

Lab File: VN059788.D

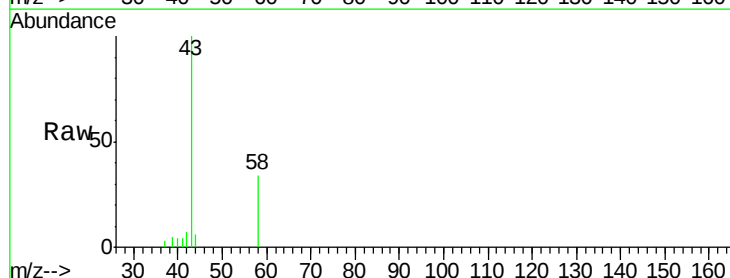
Acq: 20 Jan 2020 15:43

Tgt Ion: 43 Resp: 13242

Ion Ratio Lower Upper

43 100

58 33.9 23.6 35.4



Abundance Ion 43.00 (42.70 to 43.70): VN059690.D (-593) (-)

Ion 58.00 (57.70 to 58.70): VN059690.D (-593) (-)

3.79

5000

4000

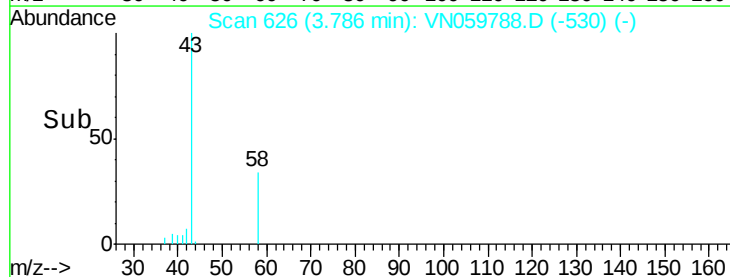
3000

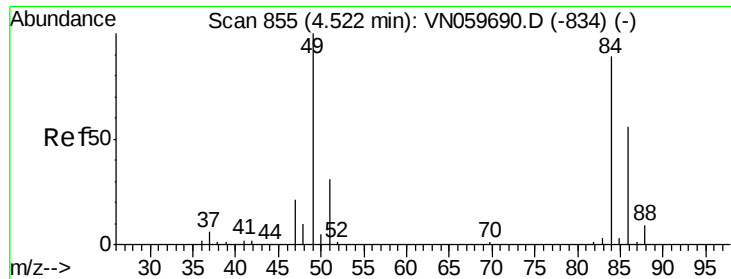
2000

1000

0

Time--> 3.70 3.75 3.80 3.85 3.90

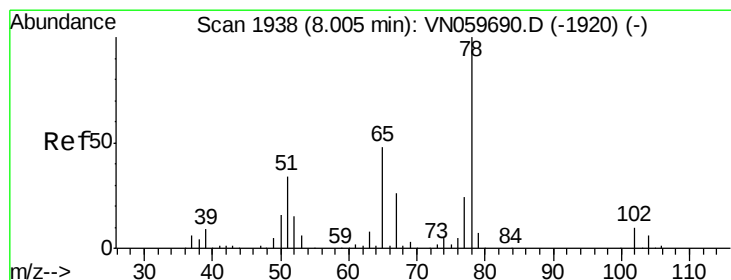
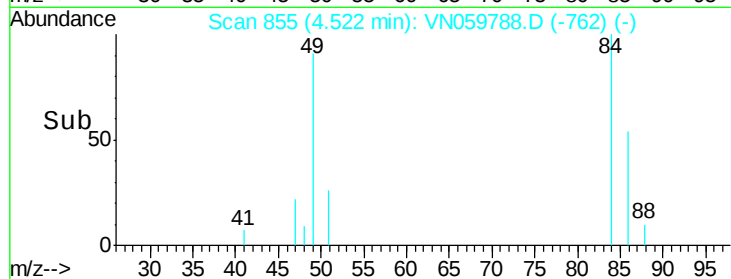
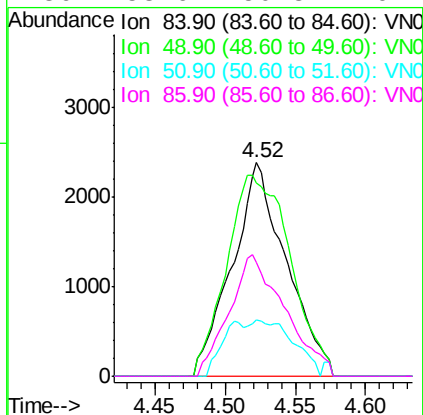
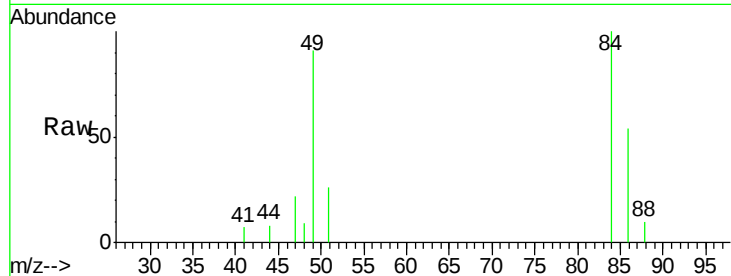




#20
Methvlene Chloride
Concen: 1.822 ug/l
RT: 4.52 min Scan# 855
Delta R.T. 0.00 min
Lab File: VN059788.D
Acq: 20 Jan 2020 15:43

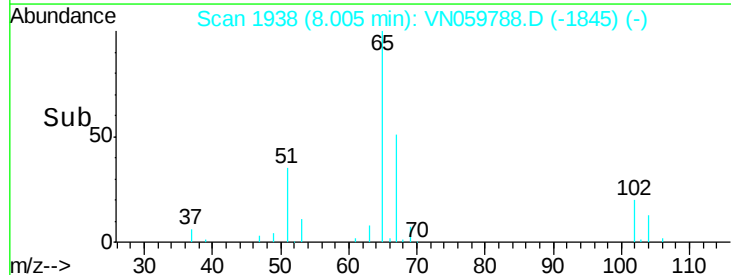
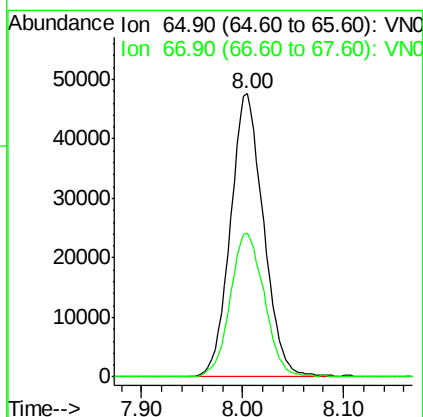
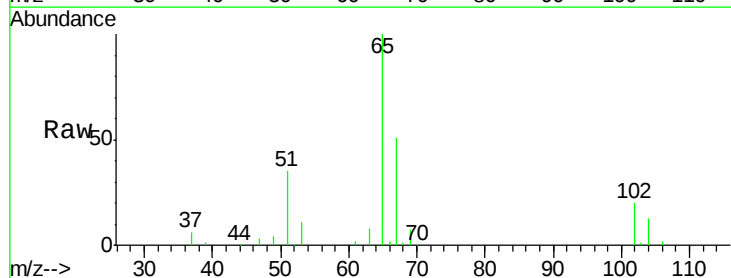
Instrument :
MSVOA_N
ClientSampleId :
5-SAR-001-003-01

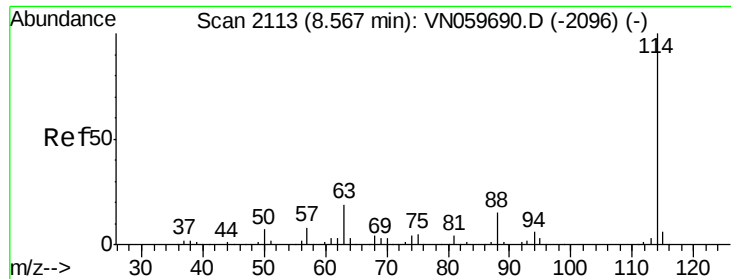
Tot Ion: 84 Resp: 6395
Ion Ratio Lower Upper
84 100
49 90.8 106.6 160.0#
51 26.1 31.9 47.9#
86 53.6 50.8 76.2



#33
1,2-Dichloroethane-d4
Concen: 47.095 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. 0.00 min
Lab File: VN059788.D
Acq: 20 Jan 2020 15:43

Tgt Ion: 65 Resp: 108466
Ion Ratio Lower Upper
65 100
67 52.1 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: VN059788.D

Acq: 20 Jan 2020 15:43

Instrument :

MSVOA_N

ClientSampleId :

5-SAR-001-003-01

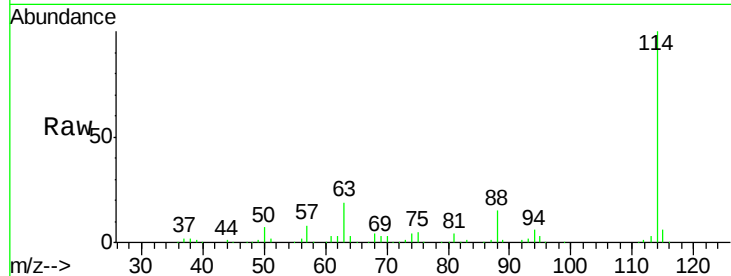
Tot Ion:114 Resp: 308790

Ion Ratio Lower Upper

114 100

63 18.7 0.0 43.6

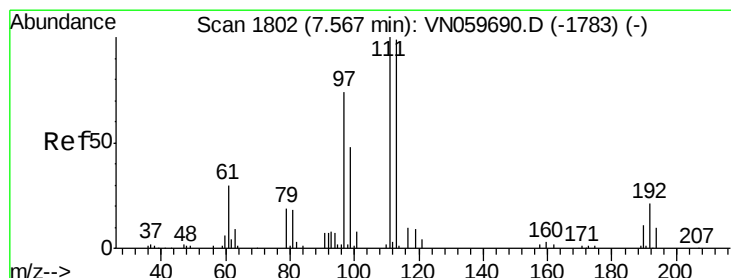
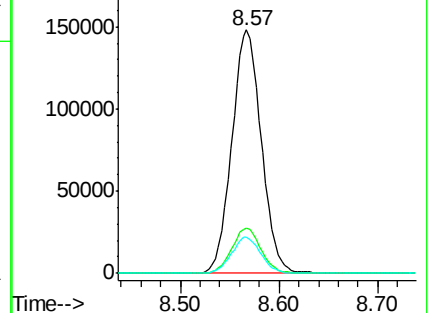
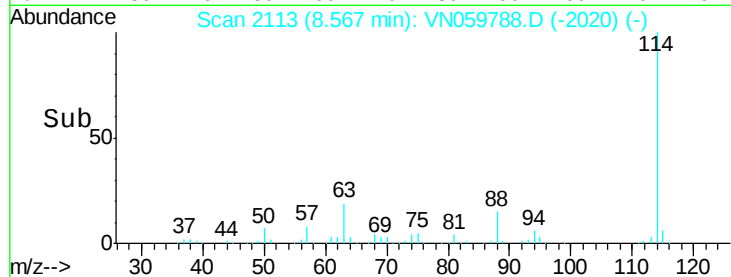
88 14.8 0.0 31.4



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: 50.850 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VN059788.D

Acq: 20 Jan 2020 15:43

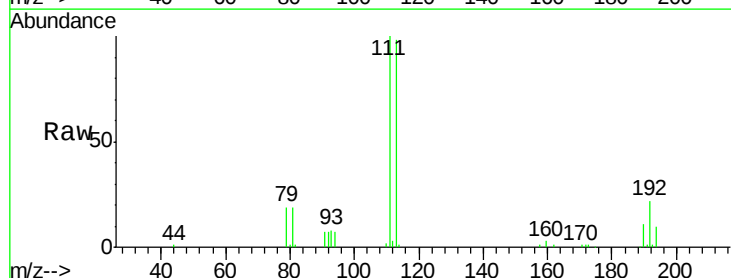
Tgt Ion:113 Resp: 93637

Ion Ratio Lower Upper

113 100

111 102.9 83.5 125.3

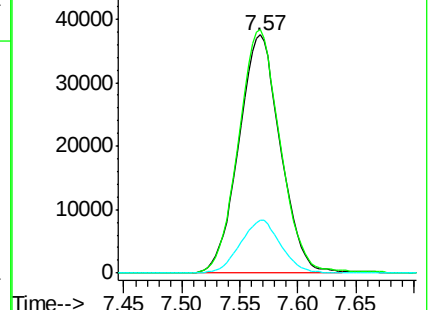
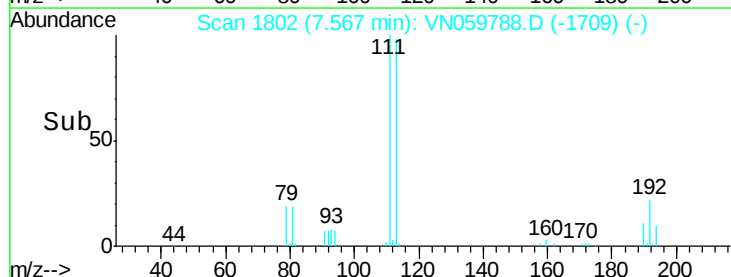
192 21.6 15.4 23.2

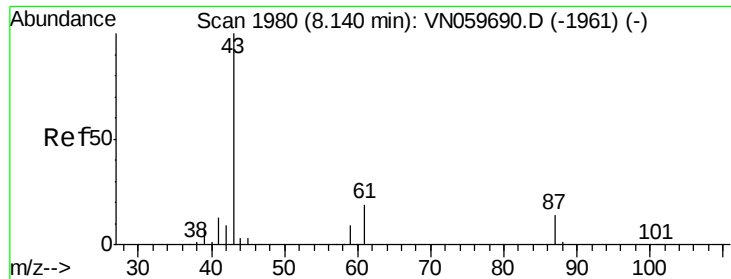


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 7.117 ug/l

RT: 8.14 min Scan# 1981

Delta R.T. 0.00 min

Lab File: VN059788.D

Acq: 20 Jan 2020 15:43

Instrument :

MSVOA_N

ClientSampleId :

5-SAR-001-003-01

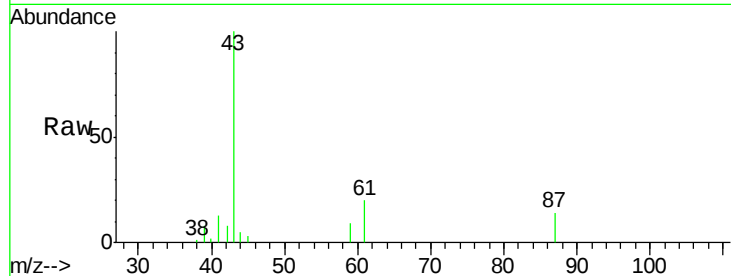
Tot Ion: 43 Resp: 30873

Ion Ratio Lower Upper

43 100

61 20.6 20.2 30.2

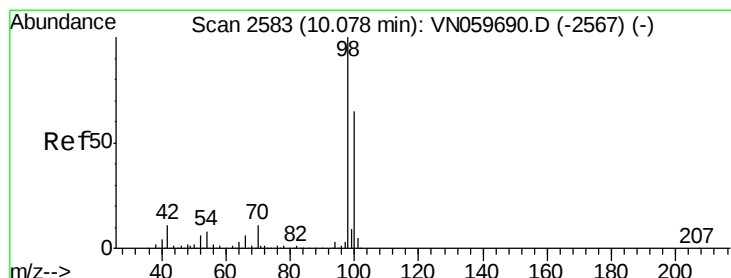
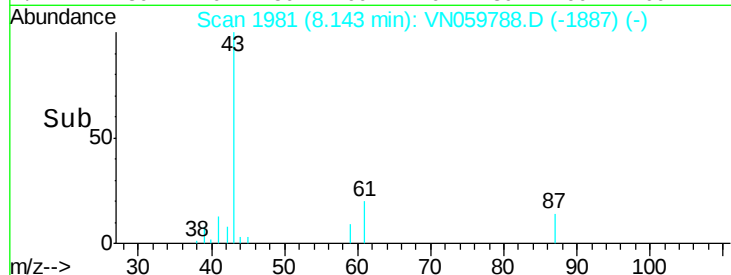
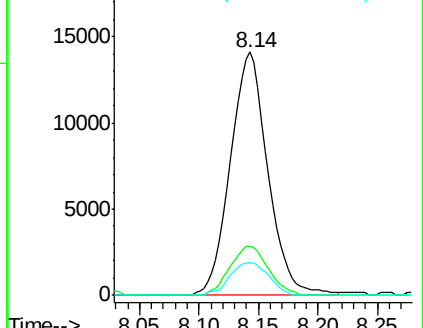
87 14.0 9.5 14.3



Abundance Ion 43.00 (42.70 to 43.70): VN059788.D (-1887) (-)

Ion 61.00 (60.70 to 61.70): VN059788.D (-1887) (-)

Ion 87.00 (86.70 to 87.70): VN059788.D (-1887) (-)



#50

Toluene-d8

Concen: 50.794 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN059788.D

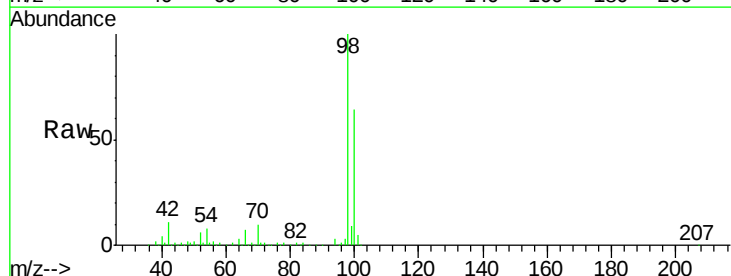
Acq: 20 Jan 2020 15:43

Tgt Ion: 98 Resp: 362402

Ion Ratio Lower Upper

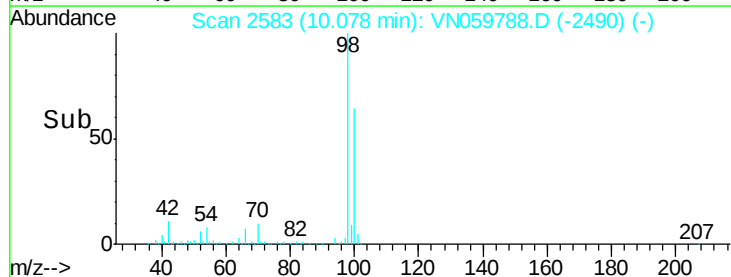
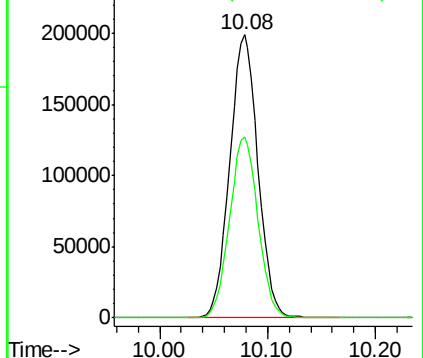
98 100

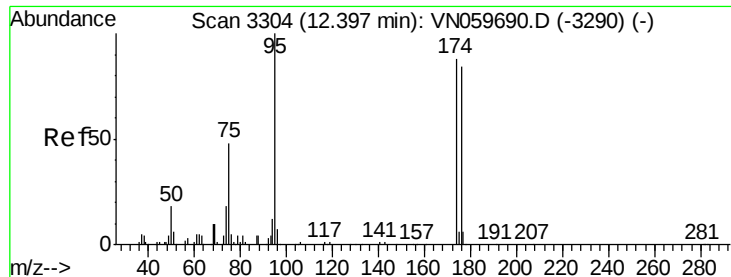
100 64.4 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN059788.D (-2490) (-)

Ion 100.00 (99.70 to 100.70): VN059788.D (-2490) (-)





#62

4-Bromofluorobenzene

Concen: 46.725 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN059788.D

Acq: 20 Jan 2020 15:43

Instrument :

MSVOA_N

ClientSampleId :

5-SAR-001-003-01

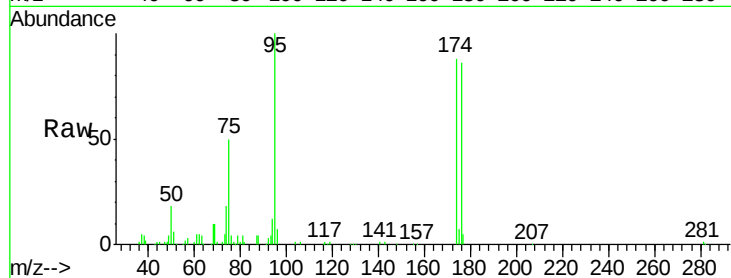
Tot Ion: 95 Resp: 120180

Ion Ratio Lower Upper

95 100

174 88.7 0.0 151.4

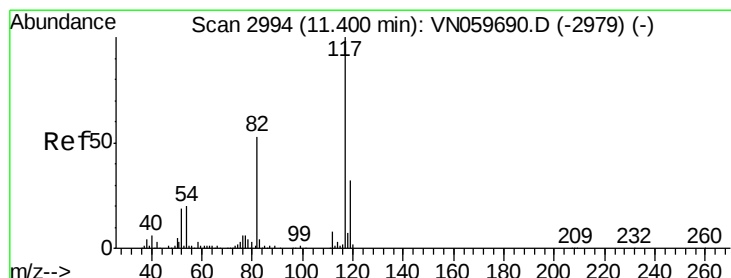
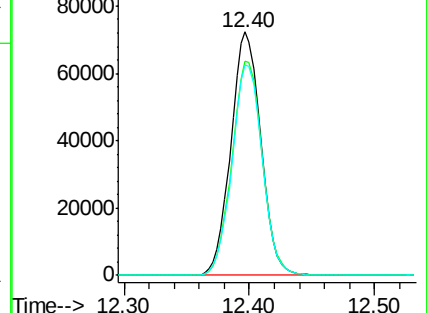
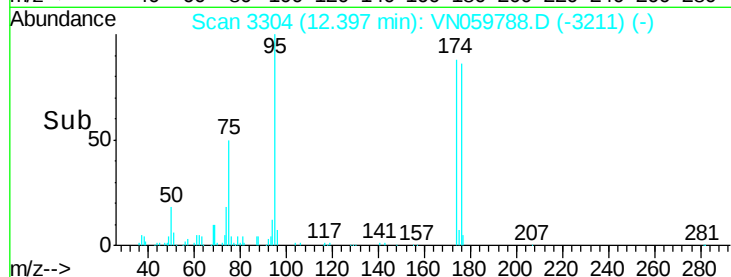
176 87.1 0.0 146.0



Abundance Ion 94.90 (94.60 to 95.60): VN059788.D (-3211) (-)

Ion 173.80 (173.50 to 174.50): VN059788.D (-3211) (-)

Ion 175.80 (175.50 to 176.50): VN059788.D (-3211) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. 0.00 min

Lab File: VN059788.D

Acq: 20 Jan 2020 15:43

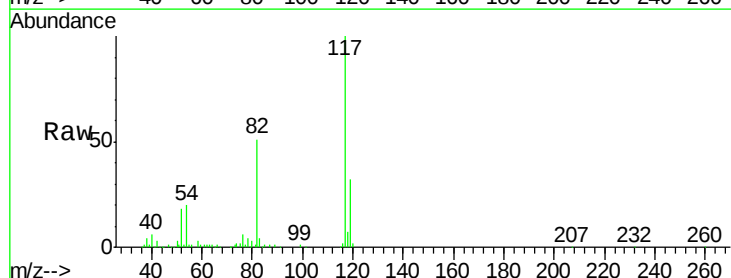
Tgt Ion: 117 Resp: 271928

Ion Ratio Lower Upper

117 100

82 51.4 45.9 68.9

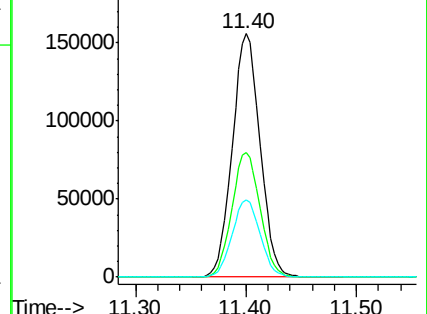
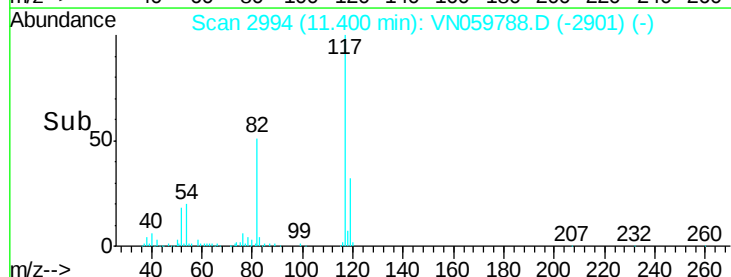
119 31.9 25.5 38.3

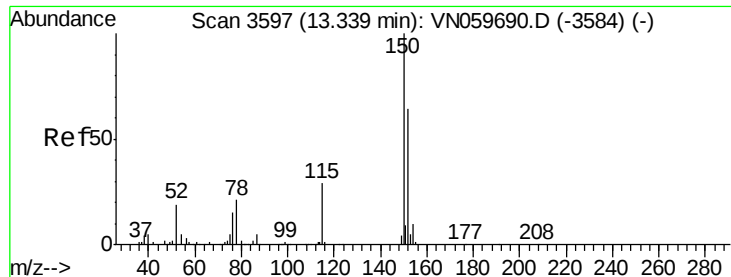


Abundance Ion 116.90 (116.60 to 117.60): VN059788.D (-2901) (-)

Ion 82.00 (81.70 to 82.70): VN059788.D (-2901) (-)

Ion 118.90 (118.60 to 119.60): VN059788.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: VN059788.D

Acq: 20 Jan 2020 15:43

Instrument :

MSVOA_N

ClientSampleId :

5-SAR-001-003-01

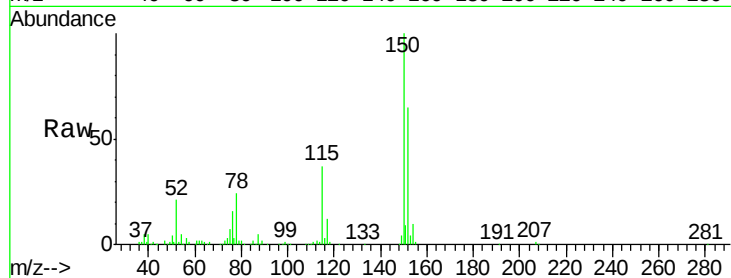
Tot Ion:152 Resp: 113392

Ion Ratio Lower Upper

152 100

115 56.2 30.3 90.9

150 155.1 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

