

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121619\
 Data File : VN059608.D
 Acq On : 16 Dec 2019 17:23
 Operator : JC/SP
 Sample : K6294-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-1

Quant Time: Dec 17 06:18:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121319W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 13 23:17:39 2019
 Response via : Initial Calibration

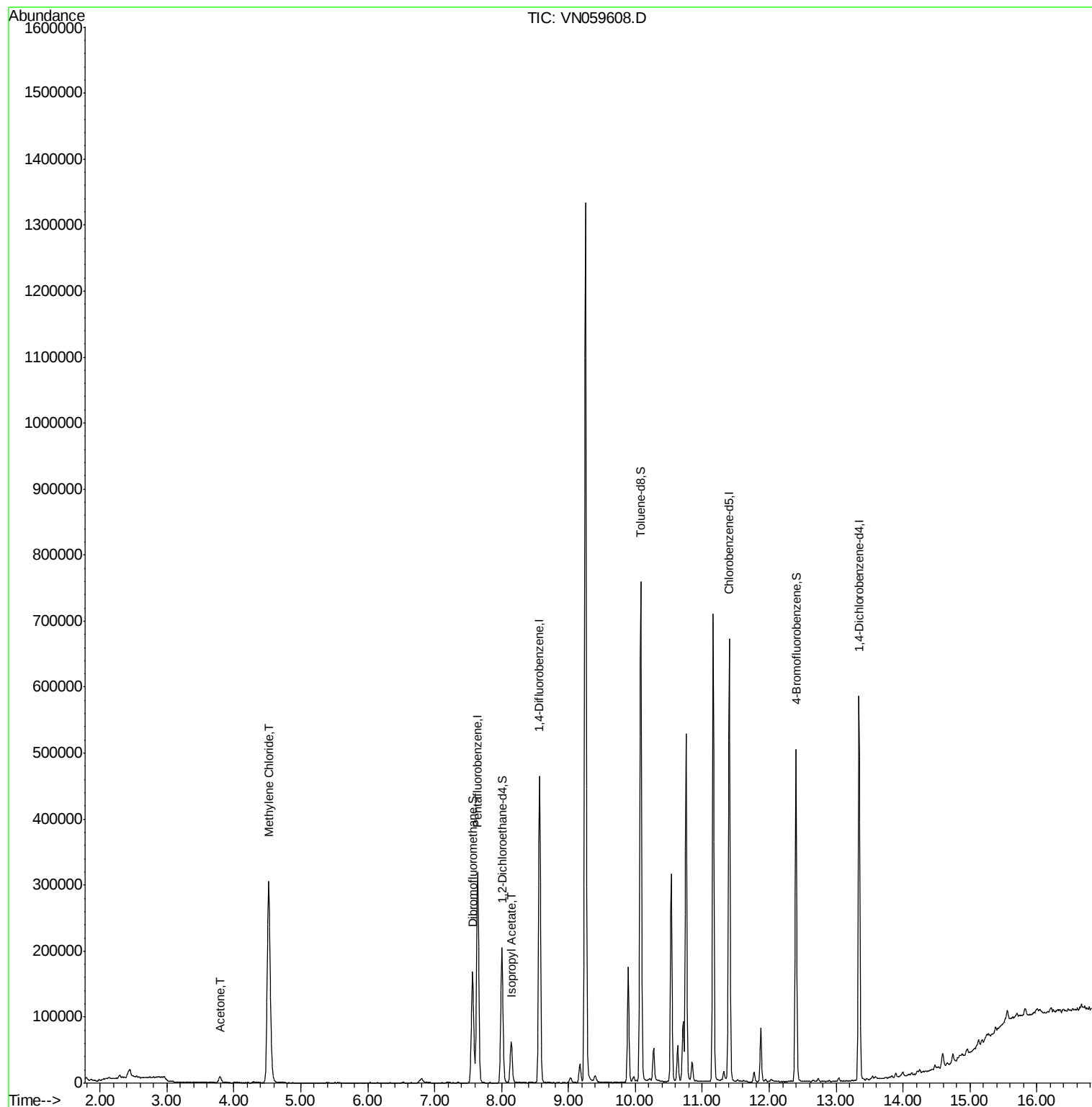
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	251671	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	402283	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	367836	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	149940	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	177802	48.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.10%	
35) Dibromofluoromethane	7.57	113	126004	50.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.12%	
50) Toluene-d8	10.08	98	506097	50.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.58%	
62) 4-Bromofluorobenzene	12.40	95	172025	47.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.62%	
Target Compounds						
16) Acetone	3.79	43	14906	6.856	ug/l	93
20) Methylene Chloride	4.52	84	227490	72.445	ug/l	98
43) Isopropyl Acetate	8.15	43	74171	9.784	ug/l #	91

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN121619\
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Instrument :
MSVOA_N
ClientSampleId :
TP-1

Quant Time: Dec 17 06:18:06 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N121319W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 13 23:17:39 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN059608.D

Acq: 16 Dec 2019 17:23

Instrument :

MSVOA_N

ClientSampled :

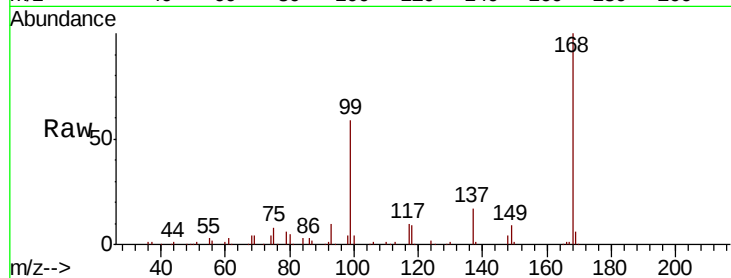
TP-1

Tot Ion:168 Resp: 251671

Ion Ratio Lower Upper

168 100

99 58.8 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VN059587.D

Ion 98.90 (98.60 to 99.60): VN059587.D

7.64

100000

80000

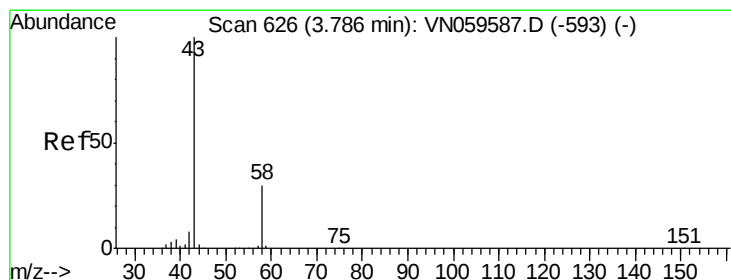
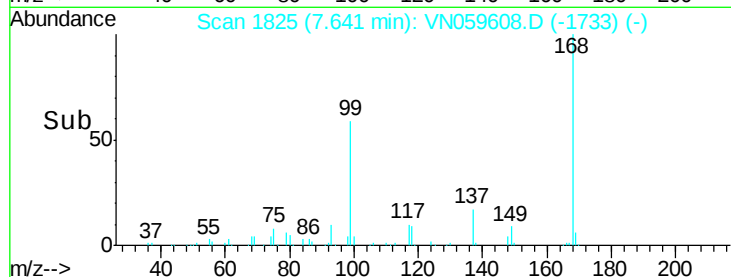
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 6.856 ug/l

RT: 3.79 min Scan# 627

Delta R.T. 0.00 min

Lab File: VN059608.D

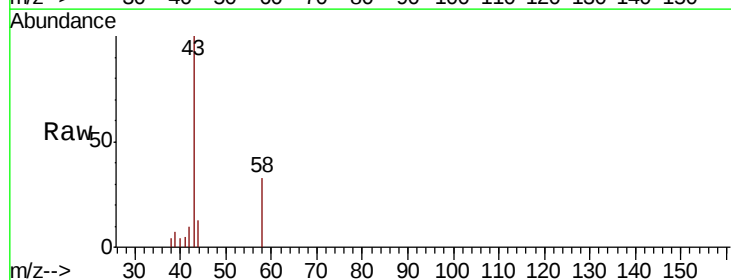
Acq: 16 Dec 2019 17:23

Tgt Ion: 43 Resp: 14906

Ion Ratio Lower Upper

43 100

58 33.4 23.6 35.4



Abundance Ion 43.00 (42.70 to 43.70): VN059587.D

Ion 58.00 (57.70 to 58.70): VN059587.D

3.79

6000

5000

4000

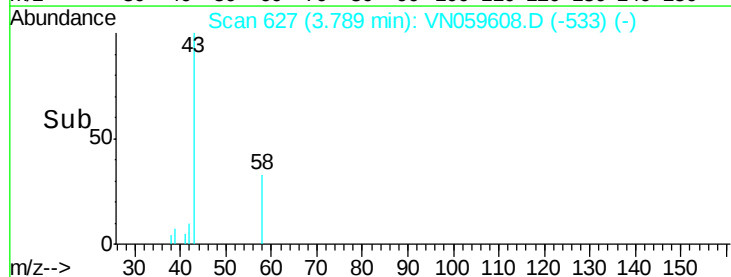
3000

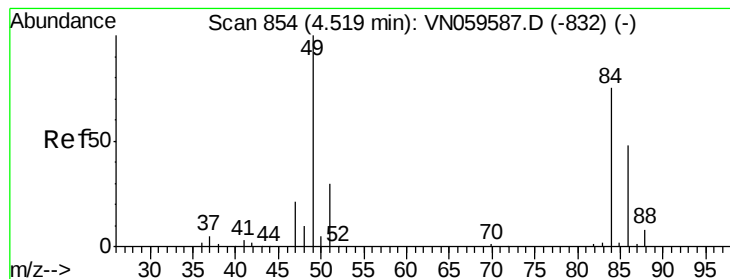
2000

1000

0

Time-->





#20

Methylene Chloride

Concen: 72.445 ug/l

RT: 4.52 min Scan# 854

Delta R.T. 0.00 min

Lab File: VN059608.D

Acq: 16 Dec 2019 17:23

Instrument :

MSVOA_N

ClientSampleId :

TP-1

Tot Ion: 84 Resp: 227490

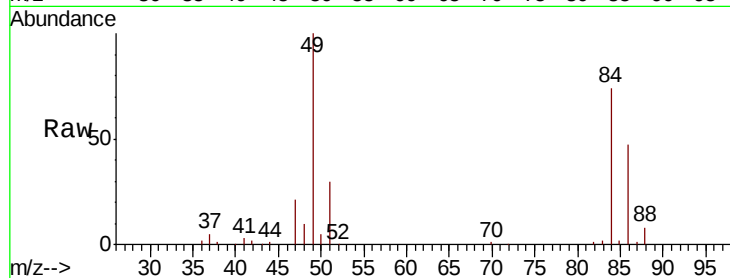
Ion Ratio Lower Upper

84 100

49 135.6 106.6 160.0

51 41.0 31.9 47.9

86 63.9 50.8 76.2

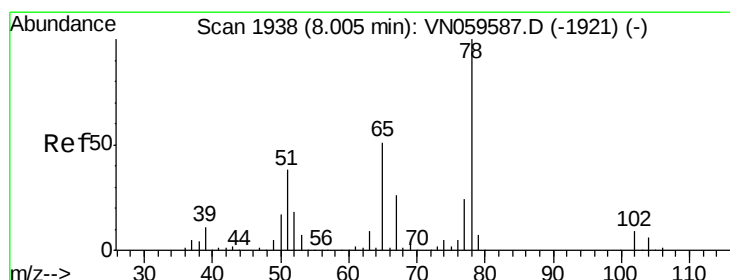
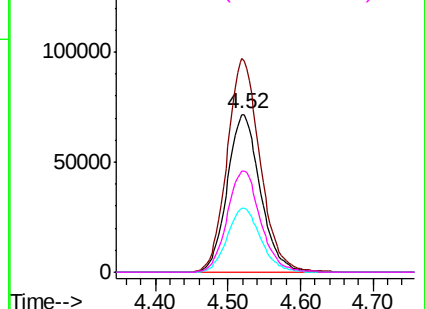
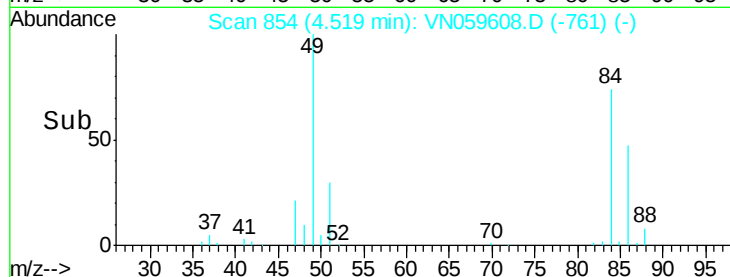


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#33

1,2-Dichloroethane-d4

Concen: 48.551 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. 0.00 min

Lab File: VN059608.D

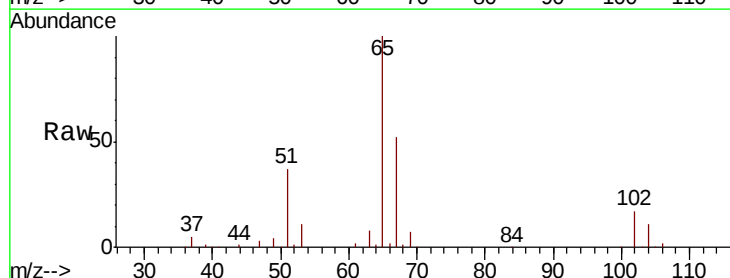
Acq: 16 Dec 2019 17:23

Tgt Ion: 65 Resp: 177802

Ion Ratio Lower Upper

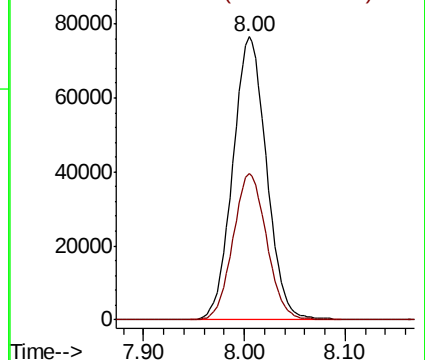
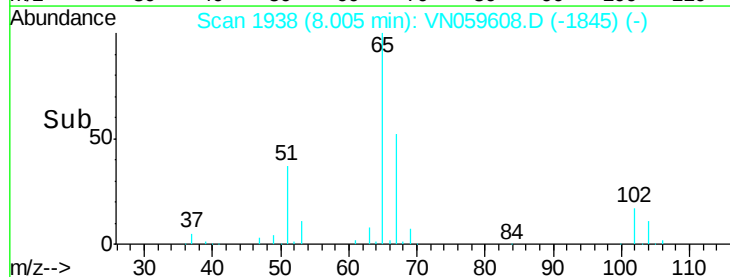
65 100

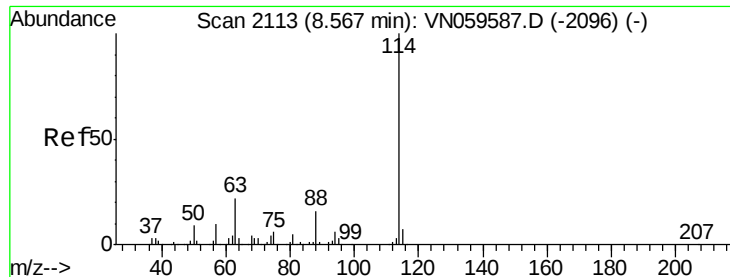
67 51.6 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2113

Delta R.T. 0.00 min

Lab File: VN059608.D

Acq: 16 Dec 2019 17:23

Instrument :

MSVOA_N

ClientSampled :

TP-1

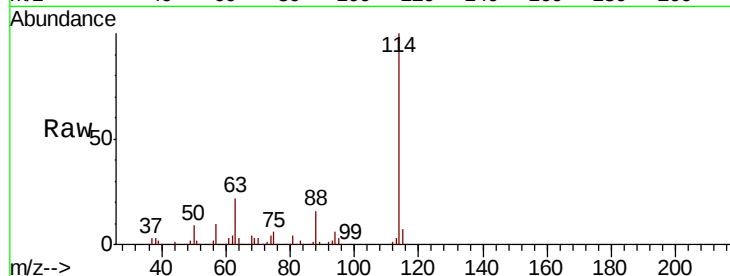
Tot Ion:114 Resp: 402283

Ion Ratio Lower Upper

114 100

63 22.4 0.0 43.6

88 16.4 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

8.57

200000

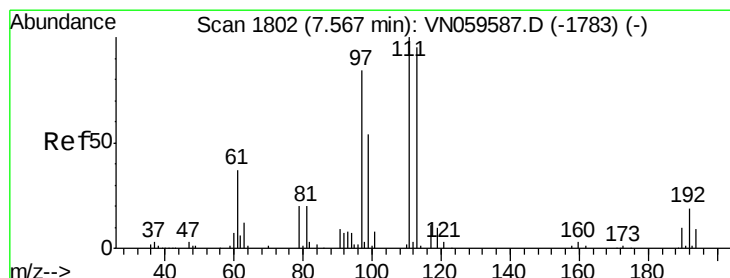
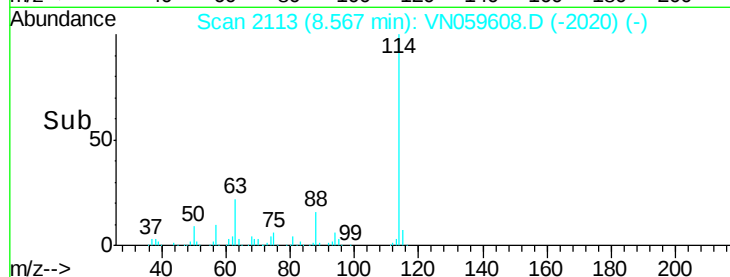
150000

100000

50000

0

Time-->



#35

Dibromofluoromethane

Concen: 50.061 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VN059608.D

Acq: 16 Dec 2019 17:23

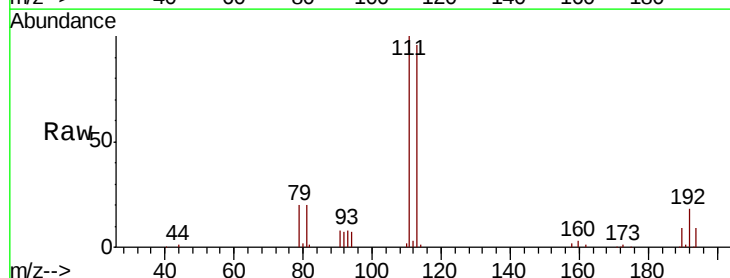
Tgt Ion:113 Resp: 126004

Ion Ratio Lower Upper

113 100

111 103.7 83.5 125.3

192 18.9 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

7.57

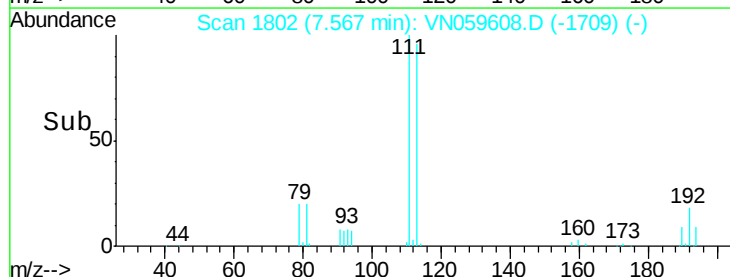
60000

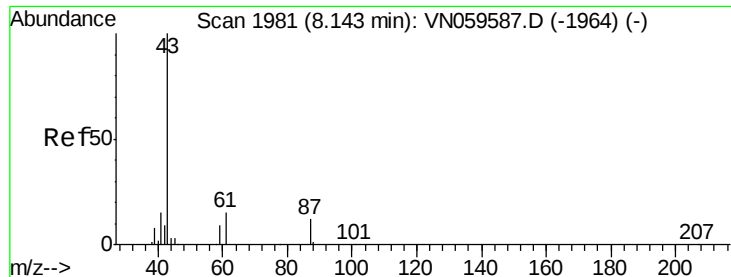
40000

20000

0

Time-->





#43

Isopropyl Acetate

Concen: 9.784 ug/l

RT: 8.15 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VN059608.D

Acq: 16 Dec 2019 17:23

Instrument :

MSVOA_N

ClientSampleId :

TP-1

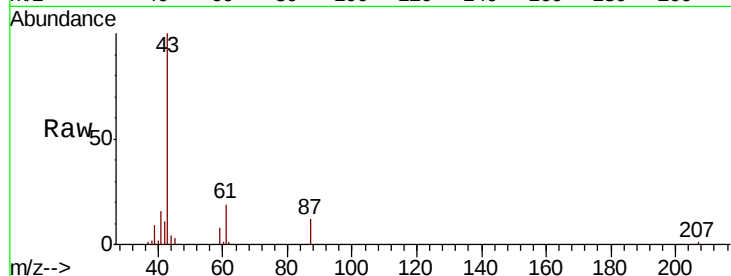
Tot Ion: 43 Resp: 74171

Ion Ratio Lower Upper

43 100

61 18.7 20.2 30.2#

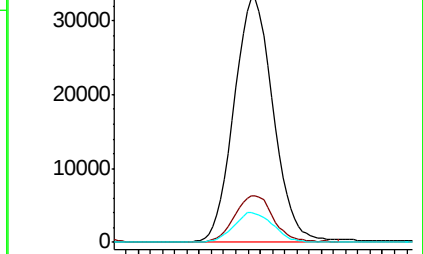
87 12.0 9.5 14.3



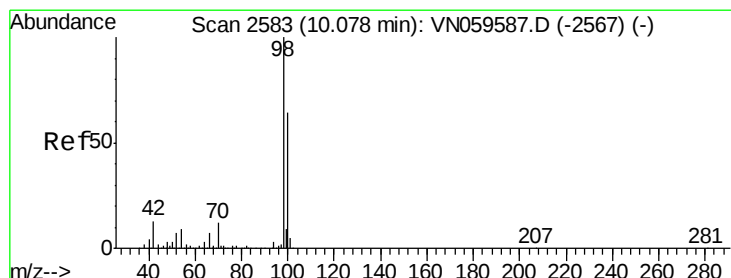
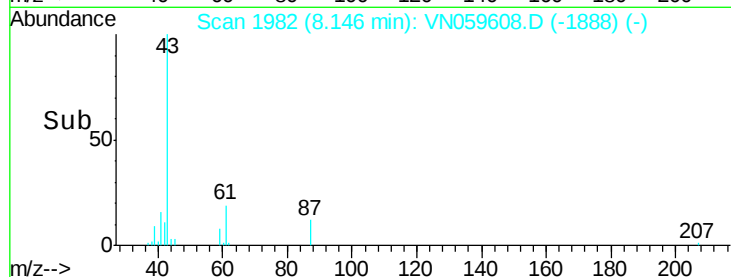
Abundance Ion 43.00 (42.70 to 43.70): VN059587.D (-1964) (-)

Ion 61.00 (60.70 to 61.70): VN059587.D (-1964) (-)

Ion 87.00 (86.70 to 87.70): VN059587.D (-1964) (-)



Time-->



#50

Toluene-d8

Concen: 50.786 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN059608.D

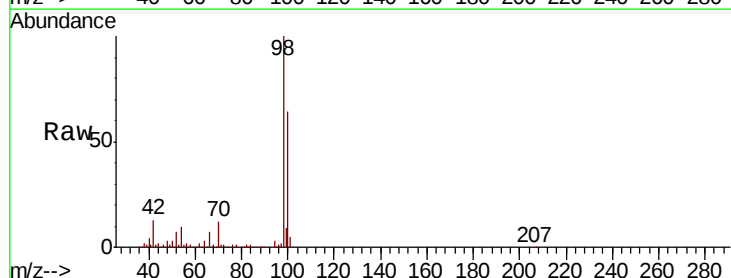
Acq: 16 Dec 2019 17:23

Tgt Ion: 98 Resp: 506097

Ion Ratio Lower Upper

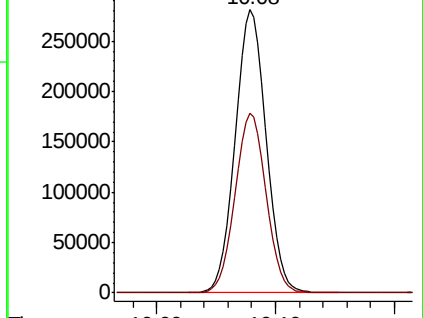
98 100

100 63.7 51.2 76.8

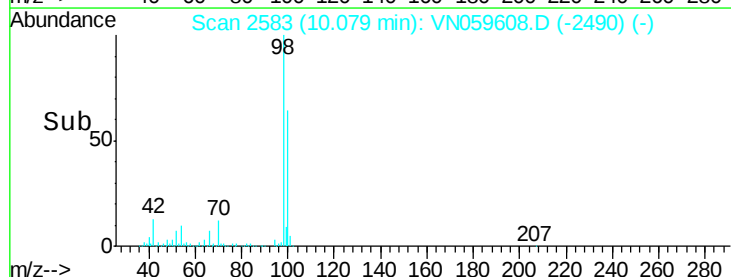


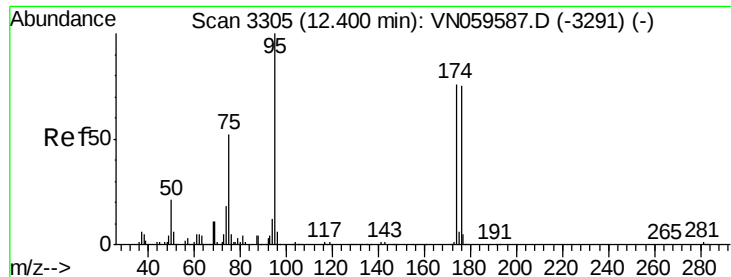
Abundance Ion 98.00 (97.70 to 98.70): VN059587.D (-2567) (-)

Ion 100.00 (99.70 to 100.70): VN059587.D (-2567) (-)



Time-->





#62

4-Bromofluorobenzene

Concen: 47.308 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN059608.D

Acq: 16 Dec 2019 17:23

Instrument :

MSVOA_N

ClientSampleId :

TP-1

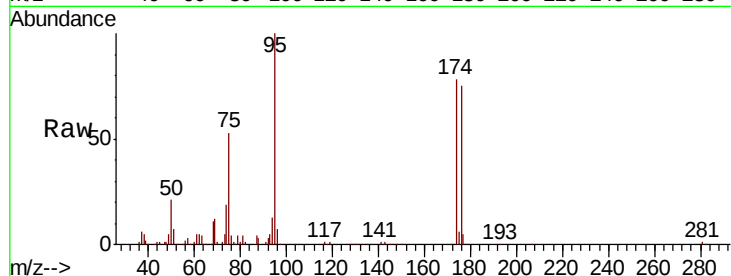
Tot Ion: 95 Resp: 172025

Ion Ratio Lower Upper

95 100

174 75.9 0.0 151.4

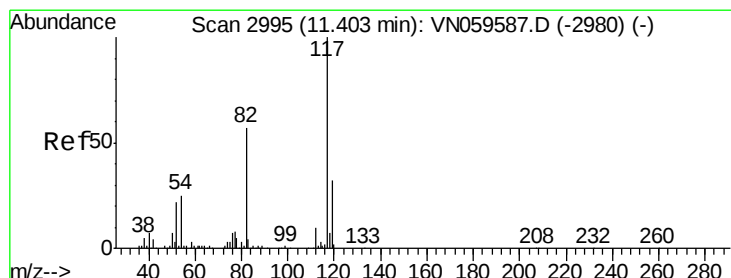
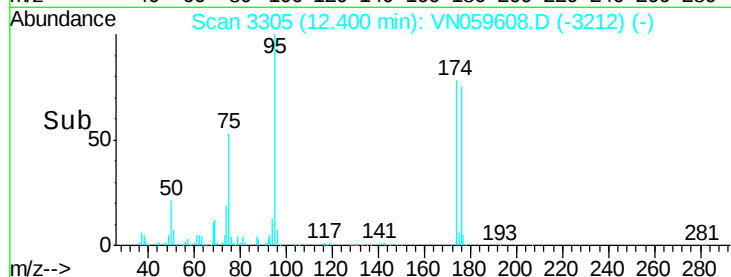
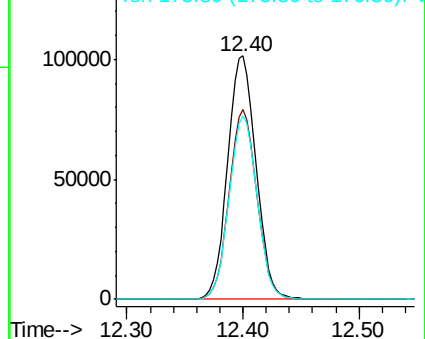
176 73.8 0.0 146.0



Abundance Ion 94.90 (94.60 to 95.60): VN059608.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN059608.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN059608.D (-3212) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. 0.00 min

Lab File: VN059608.D

Acq: 16 Dec 2019 17:23

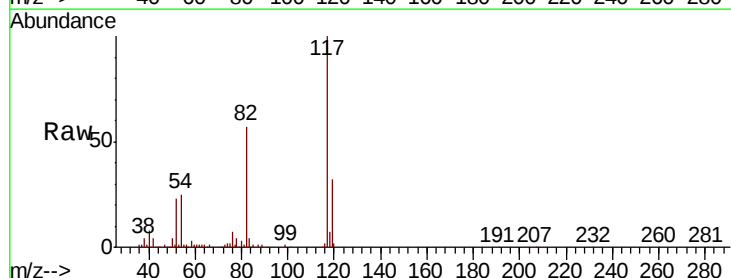
Tgt Ion: 117 Resp: 367836

Ion Ratio Lower Upper

117 100

82 57.4 45.9 68.9

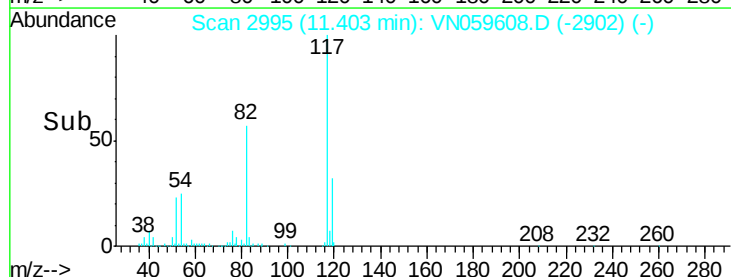
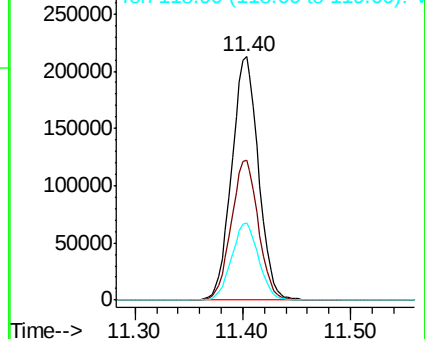
119 31.8 25.5 38.3

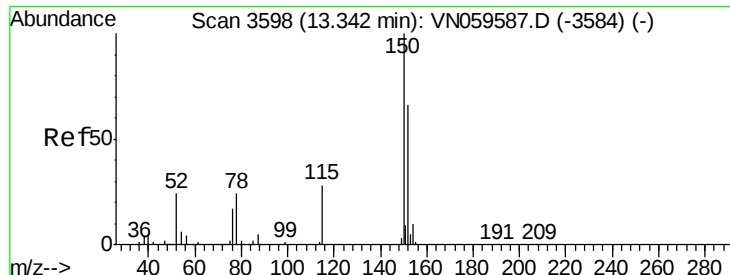


Abundance Ion 116.90 (116.60 to 117.60): VN059608.D (-2902) (-)

Ion 82.00 (81.70 to 82.70): VN059608.D (-2902) (-)

Ion 118.90 (118.60 to 119.60): VN059608.D (-2902) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN059608.D

Acq: 16 Dec 2019 17:23

Instrument :

MSVOA_N

ClientSampleId :

TP-1

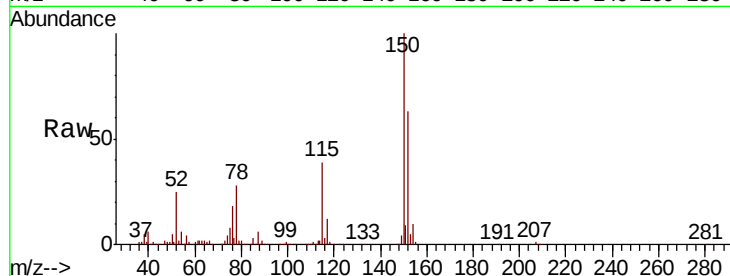
Tot Ion:152 Resp: 149940

Ion Ratio Lower Upper

152 100

115 60.9 30.3 90.9

150 156.9 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

