

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111419\
 Data File : VN059227.D
 Acq On : 14 Nov 2019 12:47
 Operator : JC/SP
 Sample : K5813-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SP-B

Quant Time: Nov 15 07:00:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 07 04:00:41 2019
 Response via : Initial Calibration

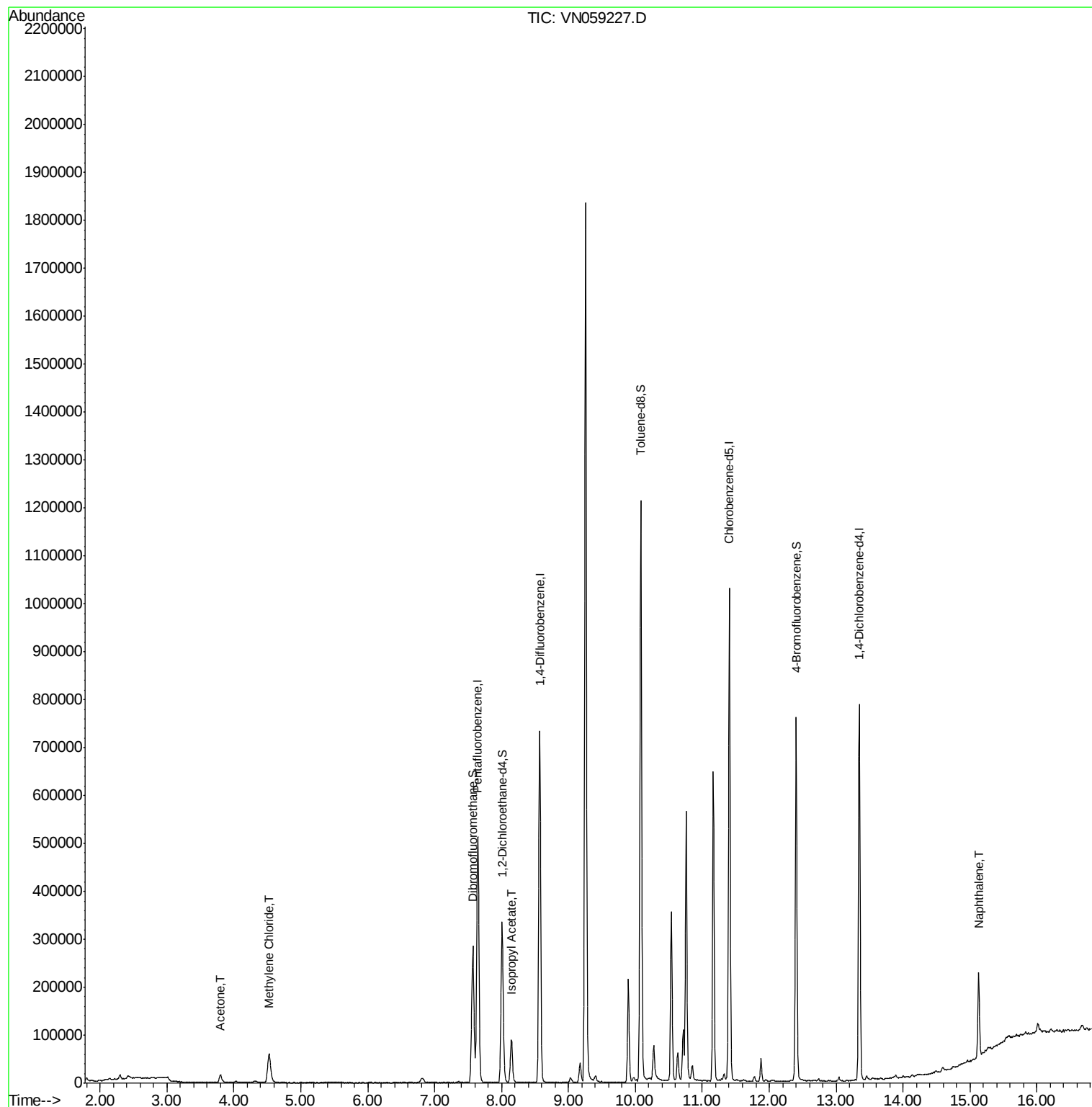
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	420543	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	657786	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	593755	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	216881	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	282859	54.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.44%	
35) Dibromofluoromethane	7.57	113	219955	56.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.00%	
50) Toluene-d8	10.08	98	844706	54.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.20%	
62) 4-Bromofluorobenzene	12.40	95	268314	48.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.20%	
Target Compounds						
16) Acetone	3.80	43	27795	10.339	ug/l	99
20) Methylene Chloride	4.53	84	47382	10.117	ug/l	98
43) Isopropyl Acetate	8.15	43	106922	9.805	ug/l #	90
95) Naphthalene	15.13	128	146560	15.291	ug/l	100

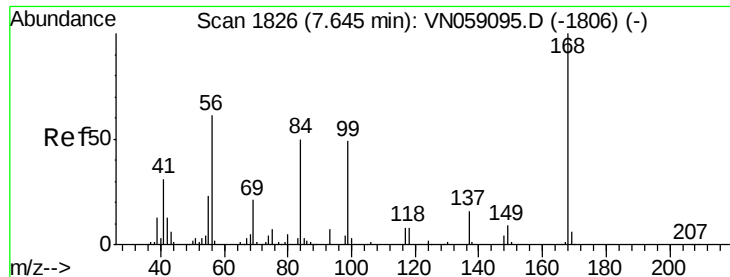
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN111419\
Data File : VN059227.D
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Quant Time: Nov 15 07:00:33 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N110619W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 07 04:00:41 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN059227.D

Acq: 14 Nov 2019 12:47

Instrument :

MSVOA_N

ClientSampled :

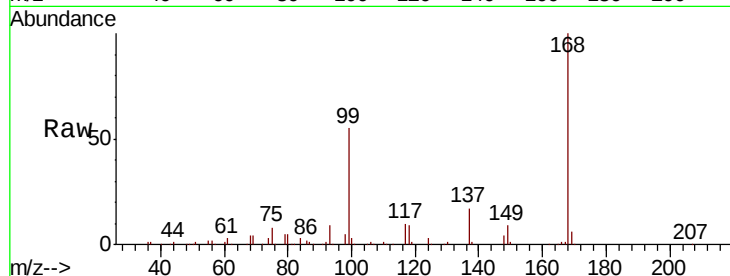
SP-B

Tot Ion:168 Resp: 420543

Ion Ratio Lower Upper

168 100

99 55.2 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.65

200000

150000

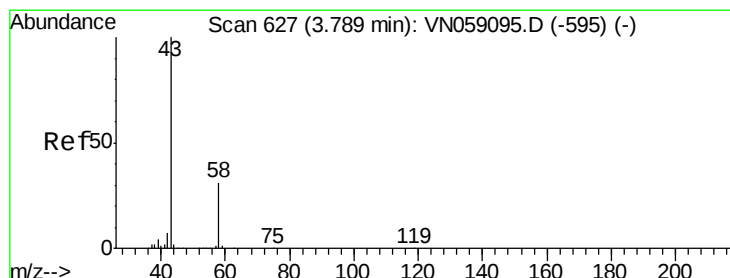
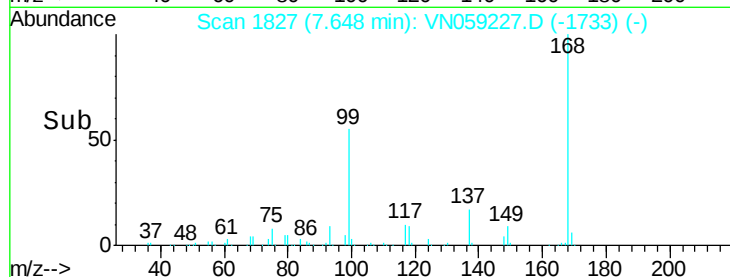
100000

50000

0

7.60 7.70

Time-->



#16

Acetone

Concen: 10.339 ug/l

RT: 3.80 min Scan# 629

Delta R.T. 0.01 min

Lab File: VN059227.D

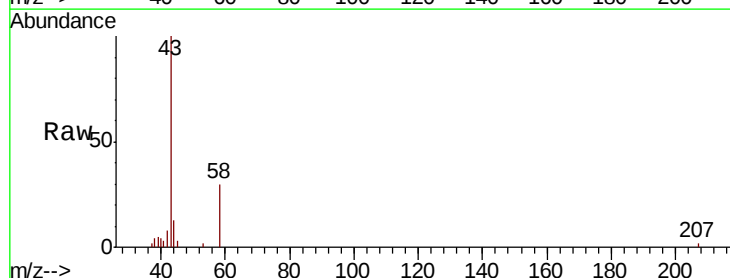
Acq: 14 Nov 2019 12:47

Tgt Ion: 43 Resp: 27795

Ion Ratio Lower Upper

43 100

58 30.4 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.80

10000

8000

6000

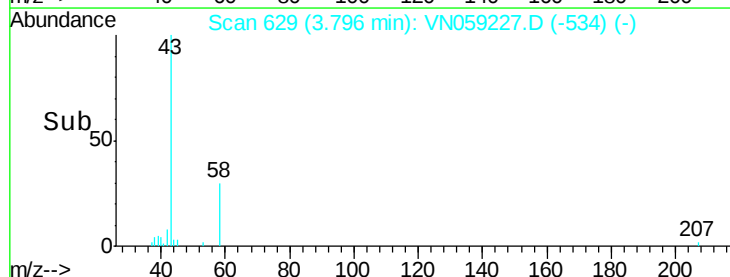
4000

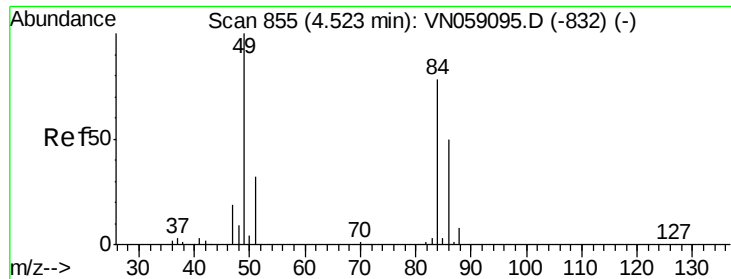
2000

0

3.70 3.75 3.80 3.85 3.90

Time-->

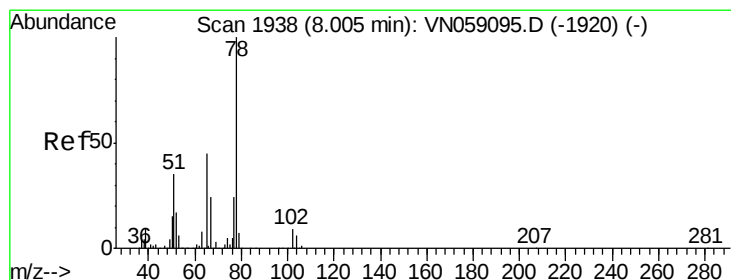
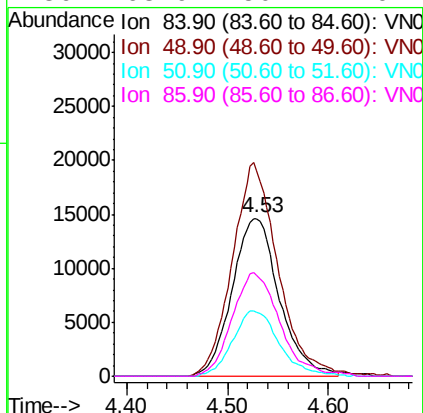
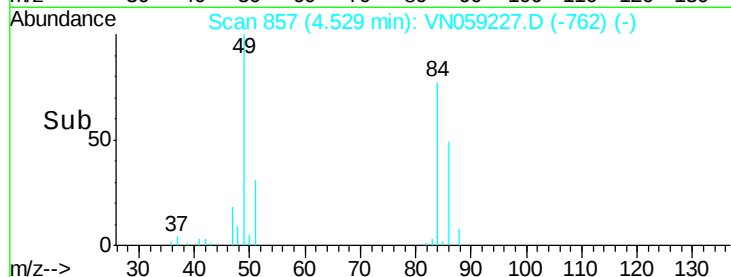
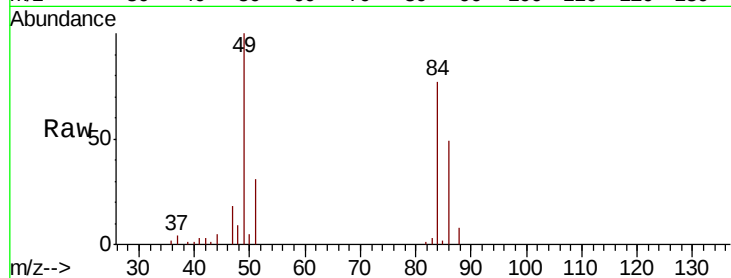




#20
Methylene Chloride
Concen: 10.117 ug/l
RT: 4.53 min Scan# 857
Delta R.T. 0.01 min
Lab File: VN059227.D
Acq: 14 Nov 2019 12:47

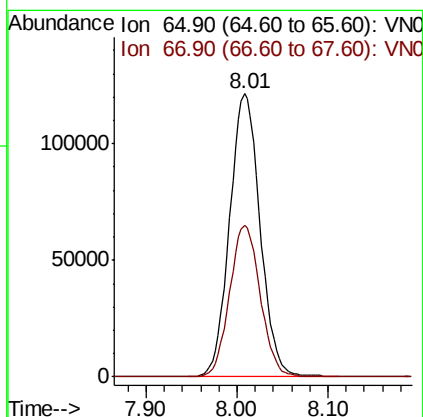
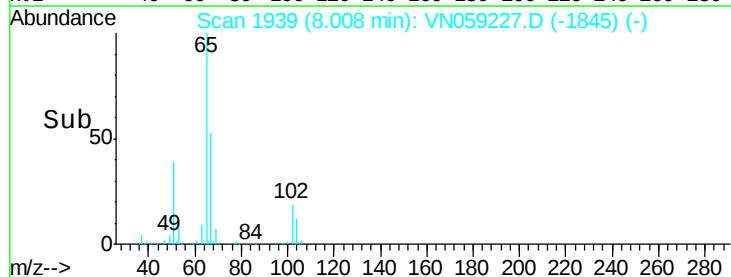
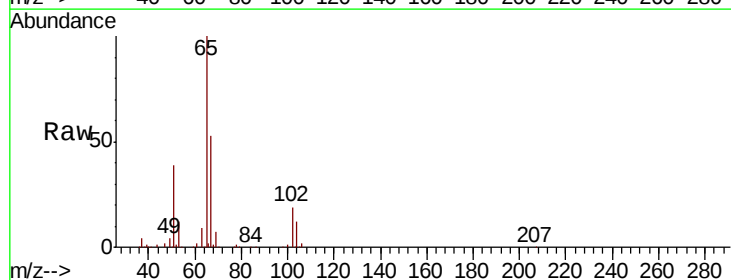
Instrument :
MSVOA_N
ClientSampled :
SP-B

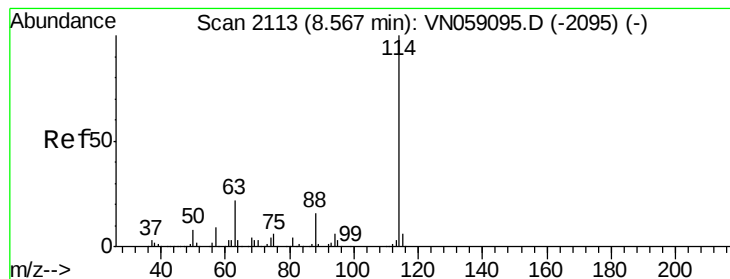
Tot Ion: 84 Resp: 47382
Ion Ratio Lower Upper
84 100
49 130.4 102.0 153.0
51 40.9 32.2 48.2
86 63.9 50.7 76.1



#33
1,2-Dichloroethane-d4
Concen: 54.716 ug/l
RT: 8.01 min Scan# 1939
Delta R.T. 0.00 min
Lab File: VN059227.D
Acq: 14 Nov 2019 12:47

Tgt Ion: 65 Resp: 282859
Ion Ratio Lower Upper
65 100
67 53.9 0.0 107.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2114

Delta R.T. 0.00 min

Lab File: VN059227.D

Acq: 14 Nov 2019 12:47

Instrument :

MSVOA_N

ClientSampleId :

SP-B

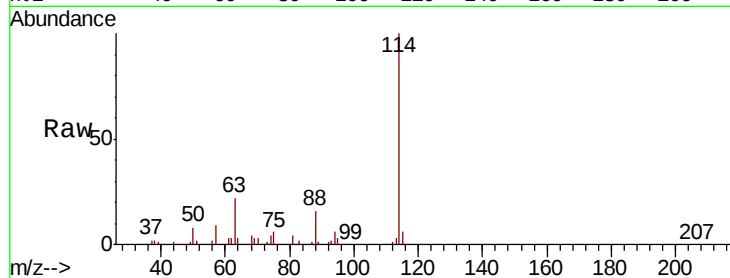
Tot Ion:114 Resp: 657786

Ion Ratio Lower Upper

114 100

63 21.5 0.0 43.4

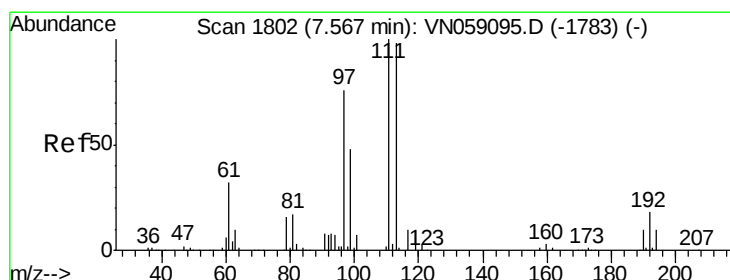
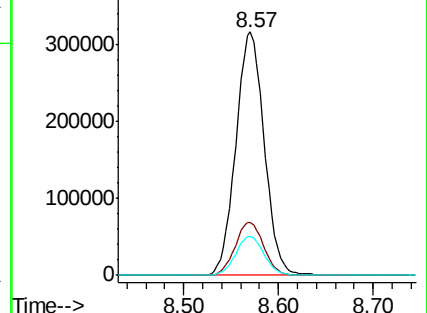
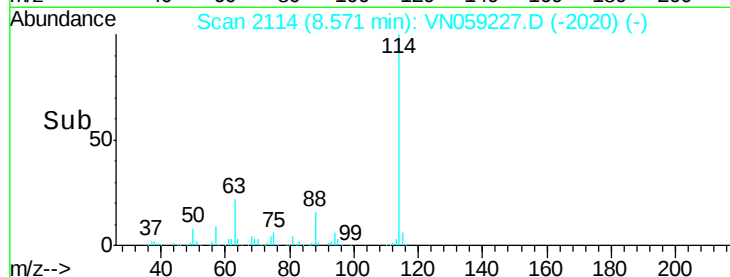
88 16.1 0.0 32.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 56.002 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VN059227.D

Acq: 14 Nov 2019 12:47

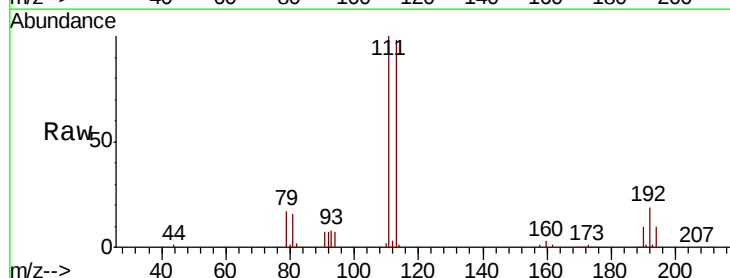
Tgt Ion:113 Resp: 219955

Ion Ratio Lower Upper

113 100

111 103.1 82.8 124.2

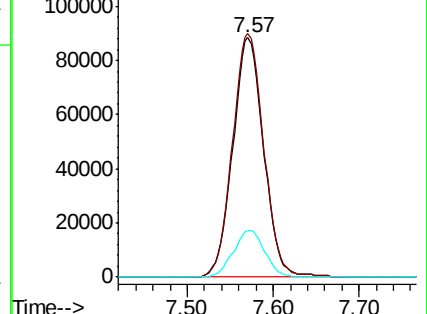
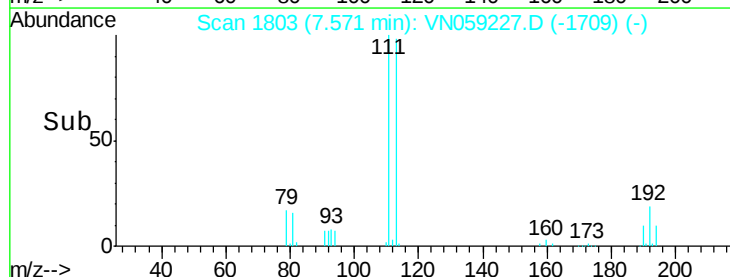
192 19.8 16.1 24.1

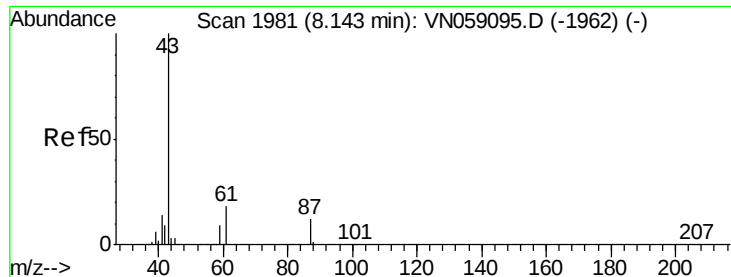


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 9.805 ug/l

RT: 8.15 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VN059227.D

Acq: 14 Nov 2019 12:47

Instrument :

MSVOA_N

ClientSampleId :

SP-B

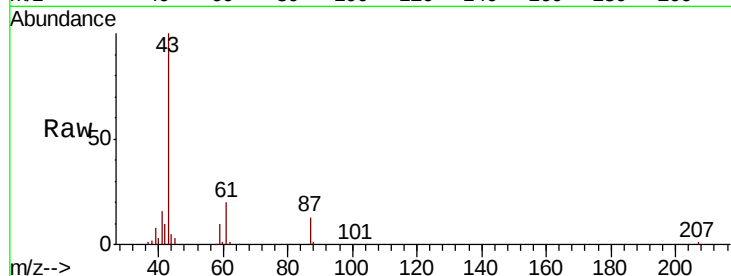
Tot Ion: 43 Resp: 106922

Ion Ratio Lower Upper

43 100

61 19.3 21.0 31.6#

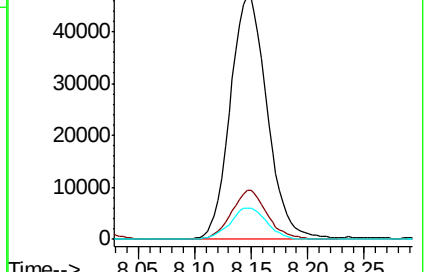
87 12.6 9.8 14.6



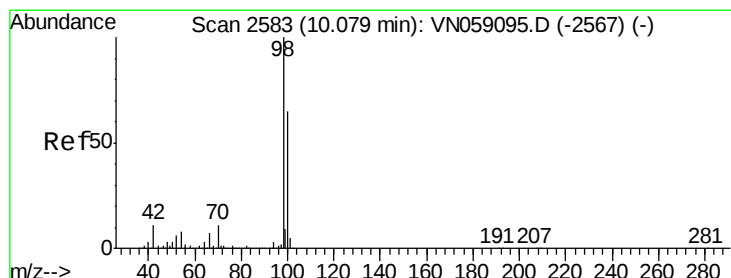
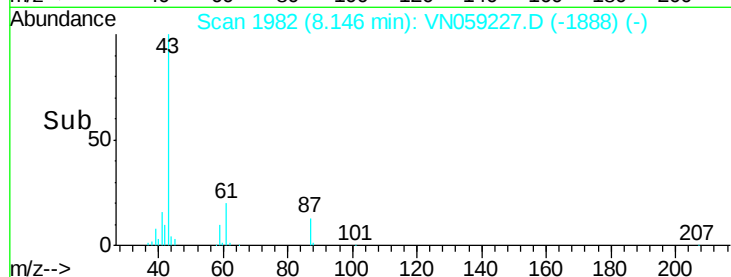
Abundance Ion 43.00 (42.70 to 43.70): VN059095.D (-1962) (-)

Ion 61.00 (60.70 to 61.70): VN059095.D (-1962) (-)

Ion 87.00 (86.70 to 87.70): VN059095.D (-1962) (-)



Time-->



#50

Toluene-d8

Concen: 54.601 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. 0.00 min

Lab File: VN059227.D

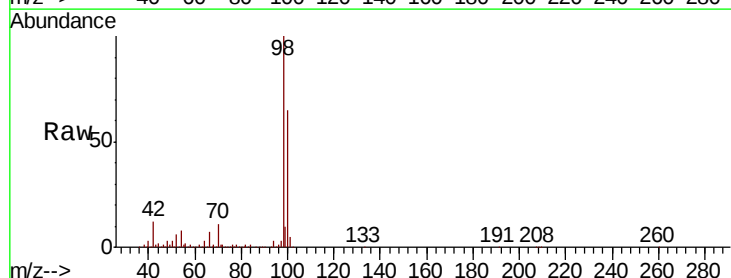
Acq: 14 Nov 2019 12:47

Tgt Ion: 98 Resp: 844706

Ion Ratio Lower Upper

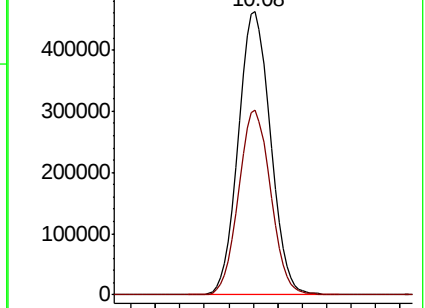
98 100

100 65.2 52.2 78.2

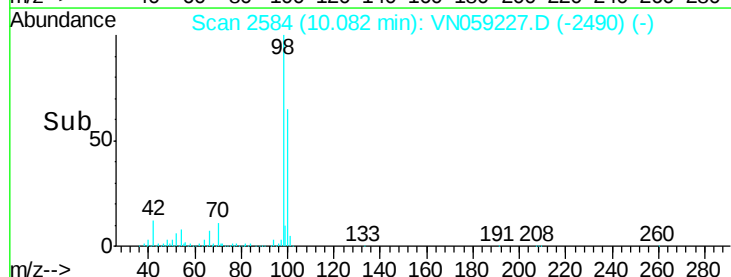


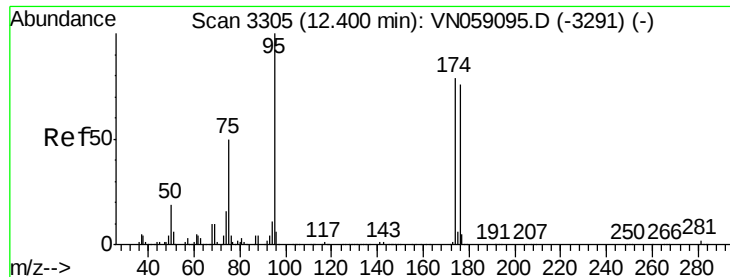
Abundance Ion 98.00 (97.70 to 98.70): VN059095.D (-2567) (-)

Ion 100.00 (99.70 to 100.70): VN059095.D (-2567) (-)



Time-->





#62

4-Bromofluorobenzene

Concen: 48.101 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN059227.D

Acq: 14 Nov 2019 12:47

Instrument :

MSVOA_N

ClientSampled :

SP-B

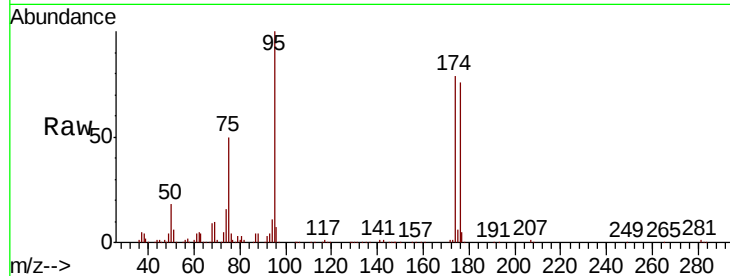
Tot Ion: 95 Resp: 268314

Ion Ratio Lower Upper

95 100

174 79.4 0.0 158.2

176 76.7 0.0 151.8



Abundance Ion 94.90 (94.60 to 95.60): VN059095.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN059095.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN059095.D (-3291) (-)

12.40

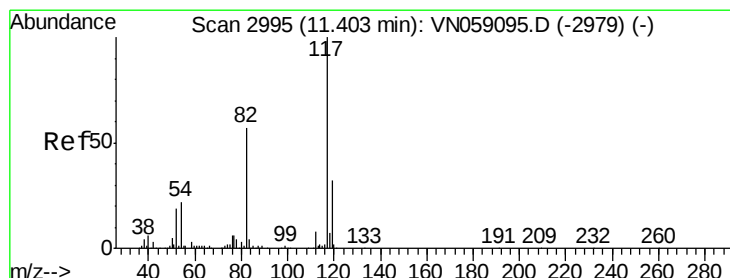
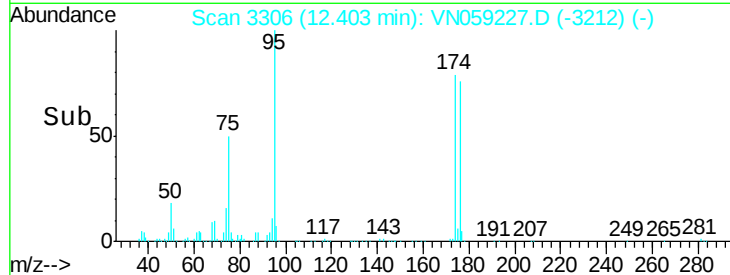
150000

100000

50000

0

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. 0.00 min

Lab File: VN059227.D

Acq: 14 Nov 2019 12:47

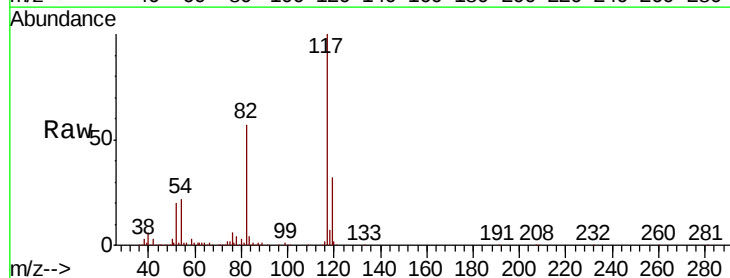
Tgt Ion: 117 Resp: 593755

Ion Ratio Lower Upper

117 100

82 56.9 45.8 68.8

119 32.2 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): VN059095.D (-2979) (-)

Ion 82.00 (81.70 to 82.70): VN059095.D (-2979) (-)

Ion 118.90 (118.60 to 119.60): VN059095.D (-2979) (-)

11.40

400000

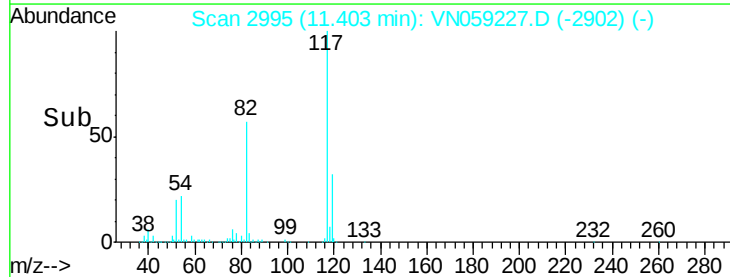
300000

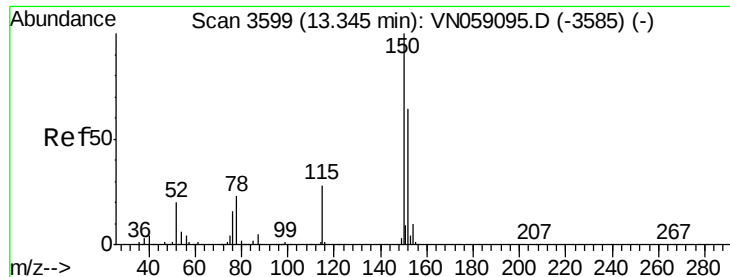
200000

100000

0

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN059227.D

Acq: 14 Nov 2019 12:47

Instrument :

MSVOA_N

ClientSampled :

SP-B

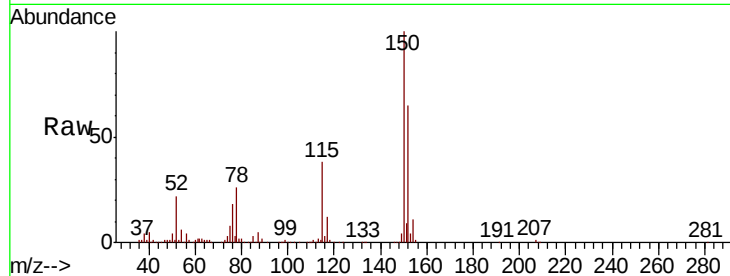
Tot Ion:152 Resp: 216881

Ion Ratio Lower Upper

152 100

115 58.5 29.4 88.2

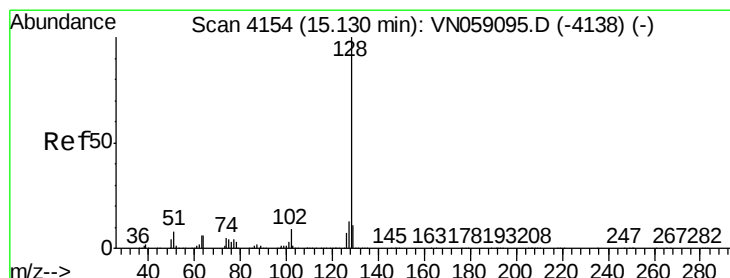
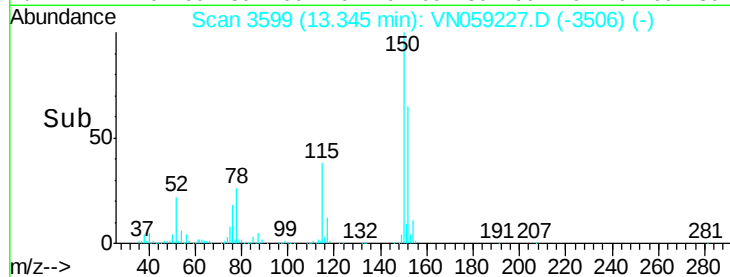
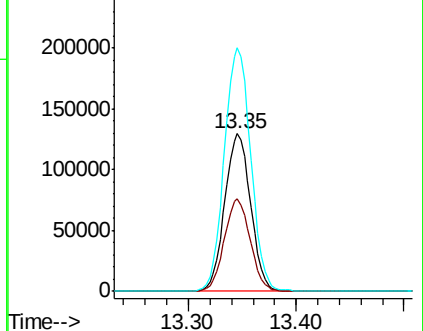
150 157.4 0.0 345.8



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: 15.291 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN059227.D

Acq: 14 Nov 2019 12:47

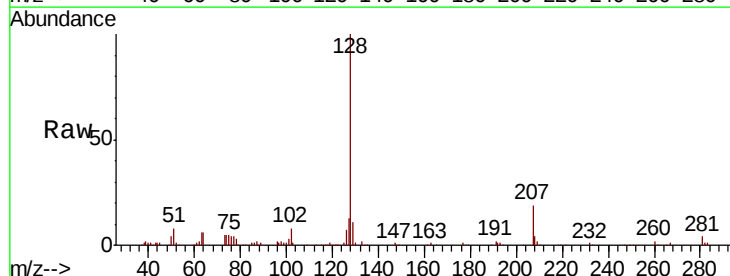
Tgt Ion:128 Resp: 146560

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.2

129 10.9 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

