

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072619\
 Data File : VX011094.D
 Acq On : 26 Jul 2019 16:35
 Operator : JC/SP
 Sample : K4017-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SU19-MSW0105

Quant Time: Jul 27 03:38:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 24 05:39:23 2019
 Response via : Initial Calibration

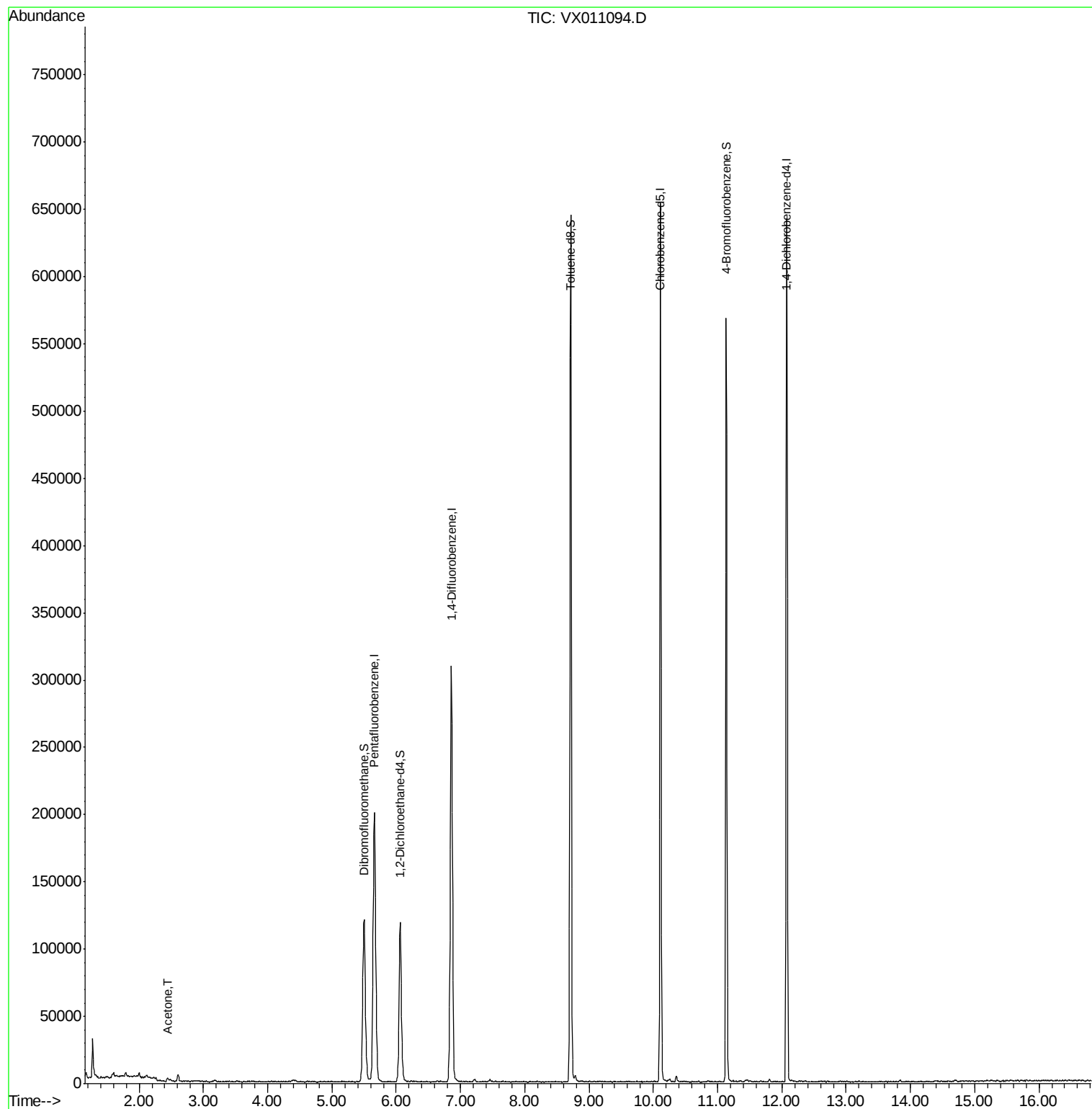
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	203426	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	324540	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	302875	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	143332	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	109603	50.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.28%	
35) Dibromofluoromethane	5.50	113	101247	49.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.30%	
50) Toluene-d8	8.71	98	389273	50.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.76%	
62) 4-Bromofluorobenzene	11.13	95	137094	48.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.56%	
Target Compounds						
16) Acetone	2.45	43	2774	2.838	ug/l	99

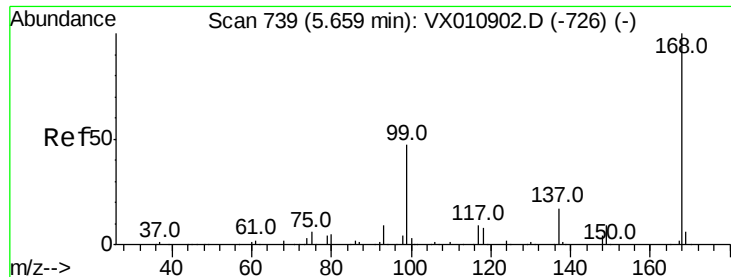
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Jul 24 05:39:23 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.00 min

Lab File: VX011094.D

Acq: 26 Jul 2019 16:35

Instrument :

MSVOA_X

ClientSampleId :

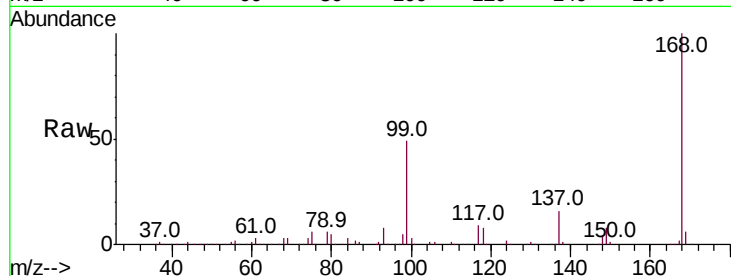
SU19-MSW0105

Tot Ion:168 Resp: 203426

Ion Ratio Lower Upper

168 100

99 49.3 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

60000

40000

20000

0

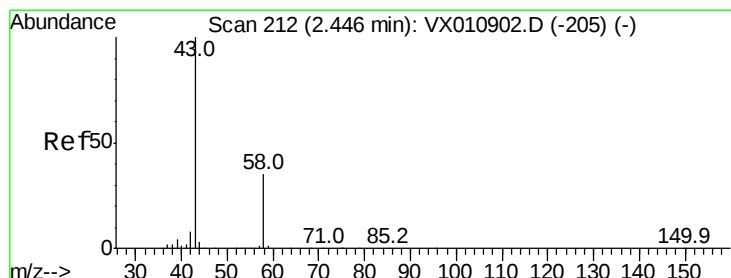
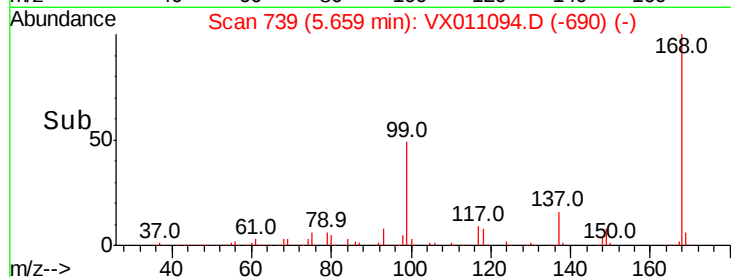
Time-->

5.50

5.60

5.70

5.80



#16

Acetone

Concen: 2.838 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX011094.D

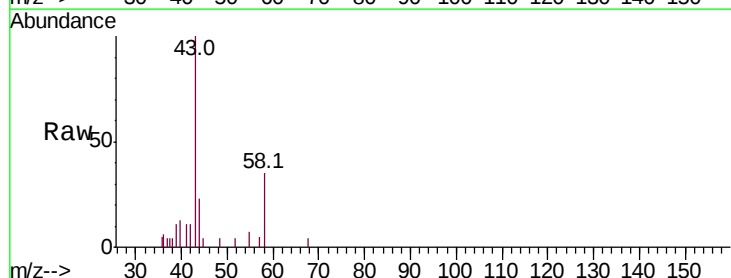
Acq: 26 Jul 2019 16:35

Tgt Ion: 43 Resp: 2774

Ion Ratio Lower Upper

43 100

58 35.2 27.7 41.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

1500

1000

500

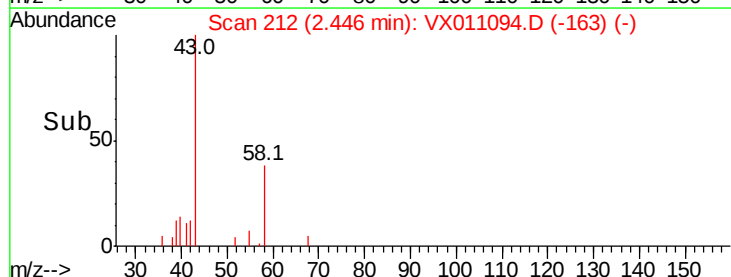
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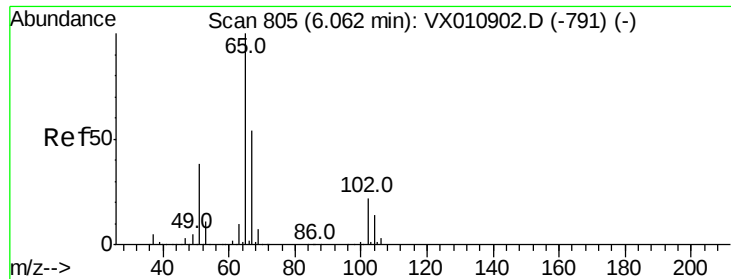
Time-->

2.40

2.45

2.50





#33

1,2-Dichloroethane-d4

Concen: 50.645 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX011094.D

Acq: 26 Jul 2019 16:35

Instrument :

MSVOA_X

ClientSampleId :

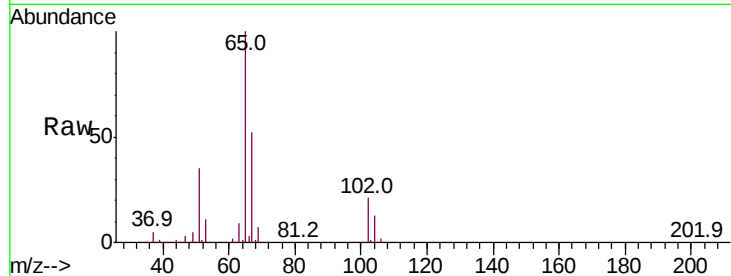
SU19-MSW0105

Tot Ion: 65 Resp: 109603

Ion Ratio Lower Upper

65 100

67 53.8 0.0 107.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

40000

30000

20000

10000

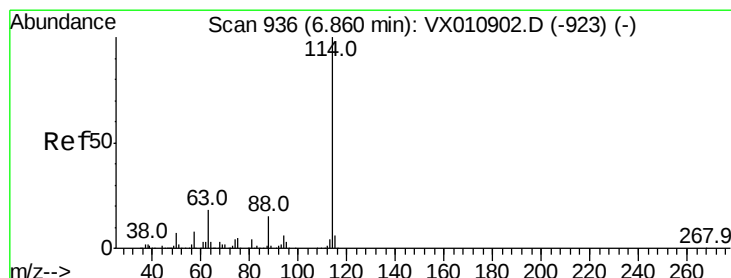
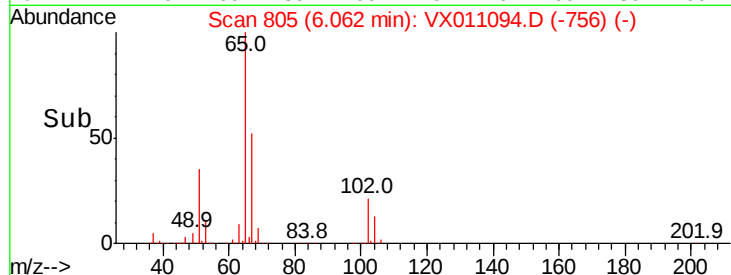
0

Time-->

6.00

6.10

6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX011094.D

Acq: 26 Jul 2019 16:35

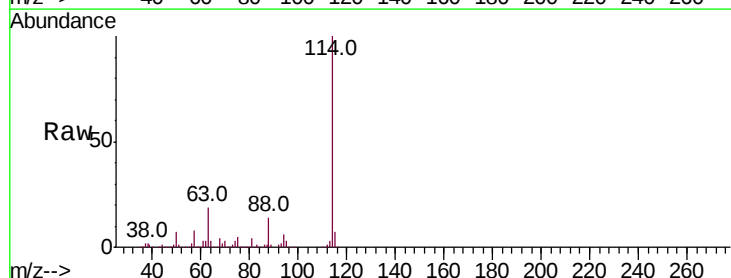
Tgt Ion: 114 Resp: 324540

Ion Ratio Lower Upper

114 100

63 18.9 0.0 35.6

88 14.4 0.0 29.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.86

150000

100000

50000

0

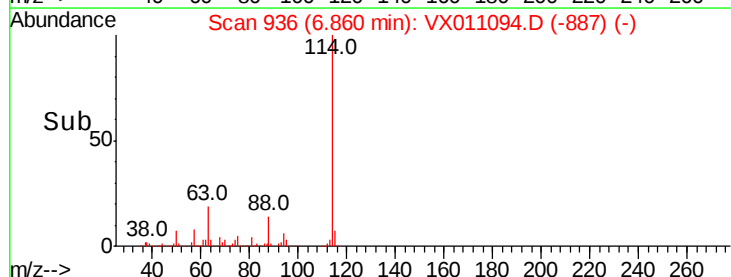
Time-->

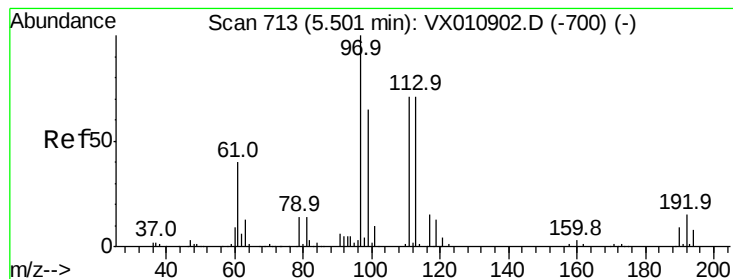
6.70

6.80

6.90

7.00





#35

Dibromofluoromethane

Concen: 49.151 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX011094.D

Acq: 26 Jul 2019 16:35

Instrument :

MSVOA_X

ClientSampleId :

SU19-MSW0105

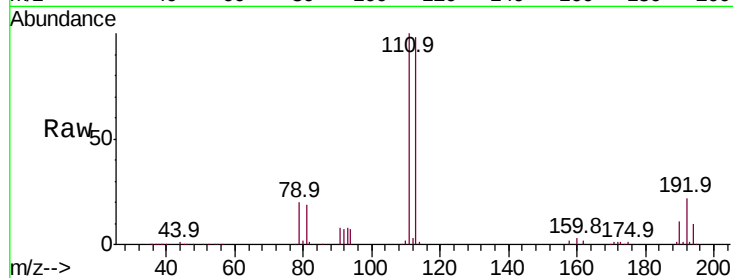
Tot Ion:113 Resp: 101247

Ion Ratio Lower Upper

113 100

111 102.3 82.3 123.5

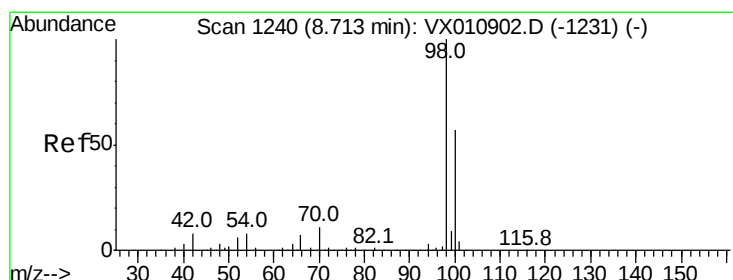
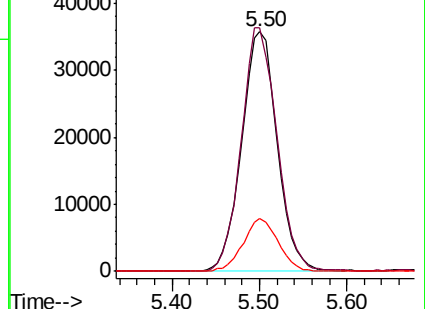
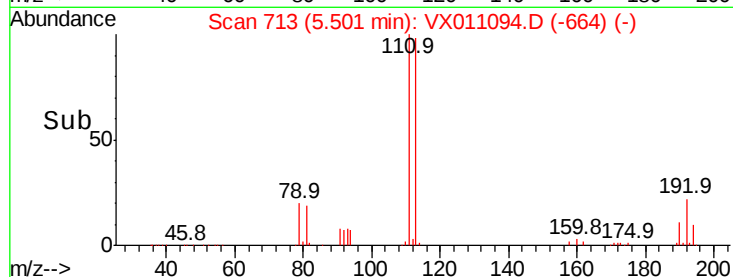
192 21.8 17.4 26.2



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



#50

Toluene-d8

Concen: 50.385 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX011094.D

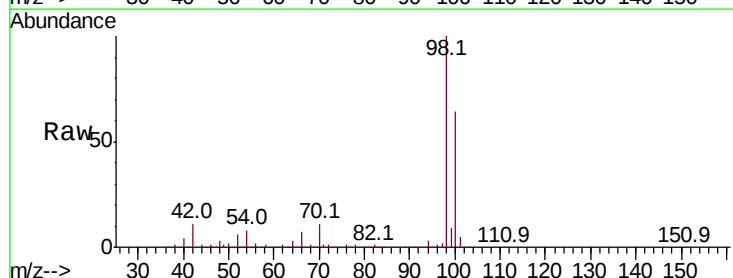
Acq: 26 Jul 2019 16:35

Tgt Ion: 98 Resp: 389273

Ion Ratio Lower Upper

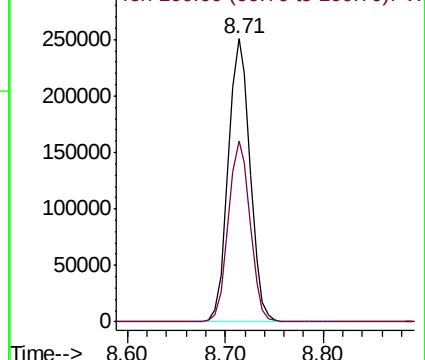
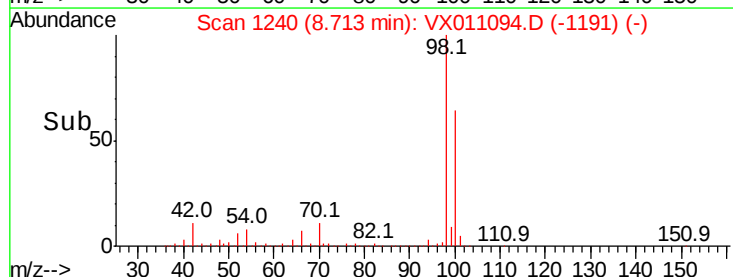
98 100

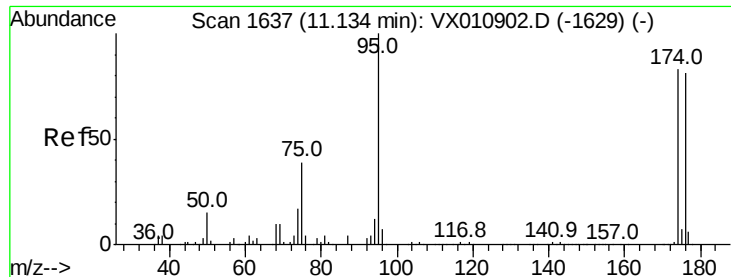
100 63.9 50.6 75.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 48.275 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011094.D

Acq: 26 Jul 2019 16:35

Instrument :

MSVOA_X

ClientSampleId :

SU19-MSW0105

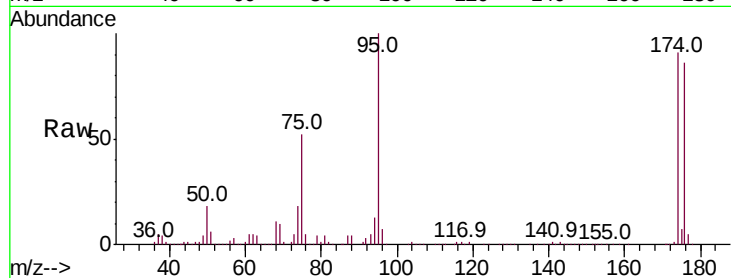
Tot Ion: 95 Resp: 137094

Ion Ratio Lower Upper

95 100

174 92.1 0.0 180.6

176 89.6 0.0 173.8



Abundance Ion 94.90 (94.60 to 95.60): VX011094.D (-1629) (-)

Ion 173.80 (173.50 to 174.50): VX011094.D (-1629) (-)

Ion 175.80 (175.50 to 176.50): VX011094.D (-1629) (-)

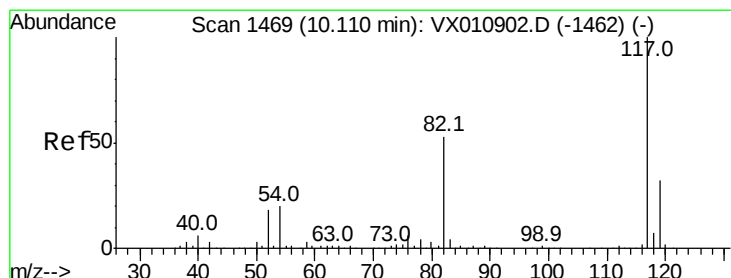
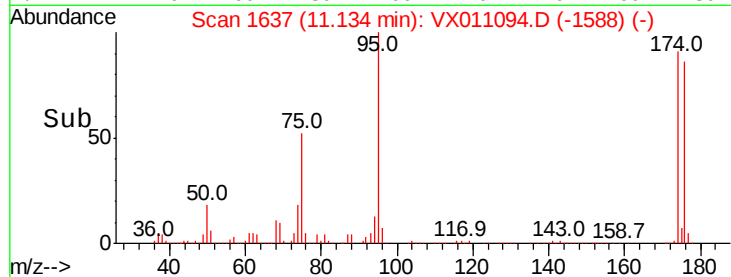
11.13

100000

50000

0

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX011094.D

Acq: 26 Jul 2019 16:35

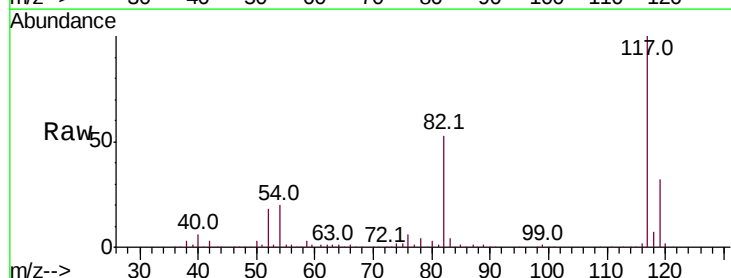
Tgt Ion: 117 Resp: 302875

Ion Ratio Lower Upper

117 100

82 52.7 42.6 63.8

119 32.1 25.9 38.9



Abundance Ion 116.90 (116.60 to 117.60): VX011094.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX011094.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX011094.D (-1420) (-)

10.11

300000

250000

200000

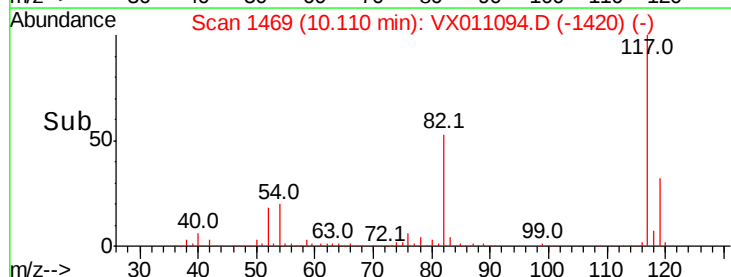
150000

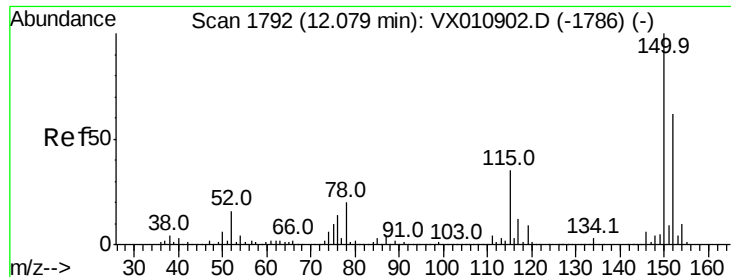
100000

50000

0

Time-->

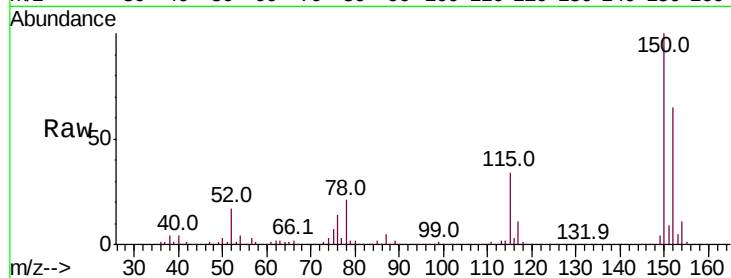




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX011094.D
 Acq: 26 Jul 2019 16:35

Instrument :
 MSVOA_X
 ClientSampleId :
 SU19-MSW0105

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.9	39.7	119.1
150	156.0	0.0	345.6



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

