

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080119\
 Data File : VX011282.D
 Acq On : 02 Aug 2019 00:47
 Operator : JC/SP
 Sample : K4118-15
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ14911-20190731

Quant Time: Aug 02 03:45:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 02 01:55:00 2019
 Response via : Initial Calibration

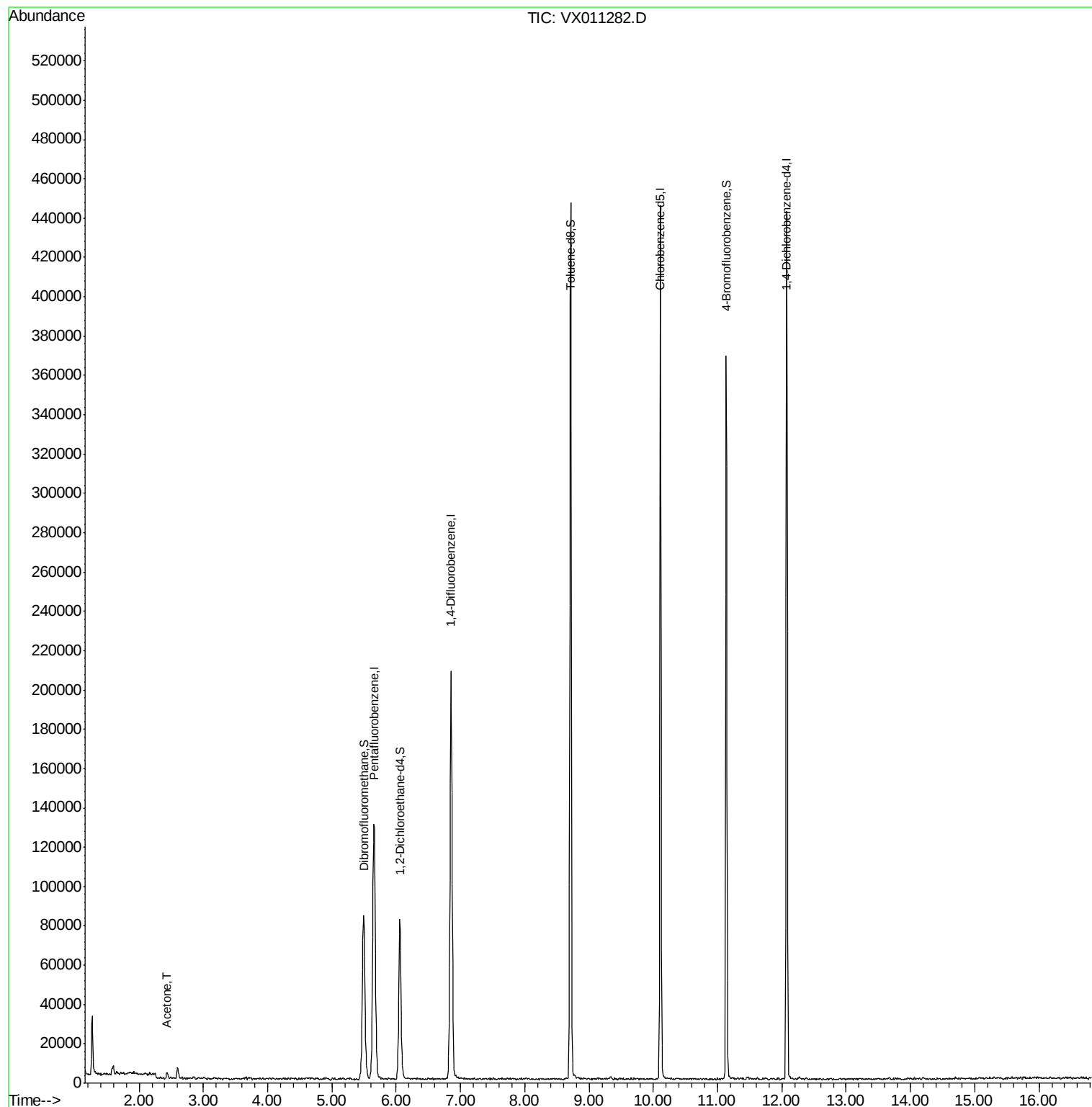
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	134714	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	217945	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	207112	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	95557	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	72585	53.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.00%	
35) Dibromofluoromethane	5.49	113	69646	48.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.90%	
50) Toluene-d8	8.71	98	265548	49.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.88%	
62) 4-Bromofluorobenzene	11.13	95	88266	46.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.06%	
Target Compounds						
16) Acetone	2.43	43	3169	4.908	ug/l	Qvalue 97

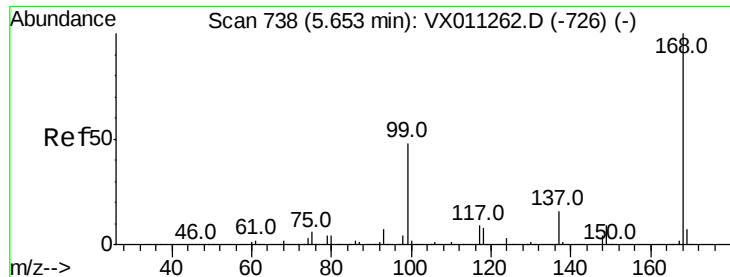
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. 0.00 min

Lab File: VX011282.D

Acq: 02 Aug 2019 00:47

Instrument :

MSVOA_X

ClientSampleId :

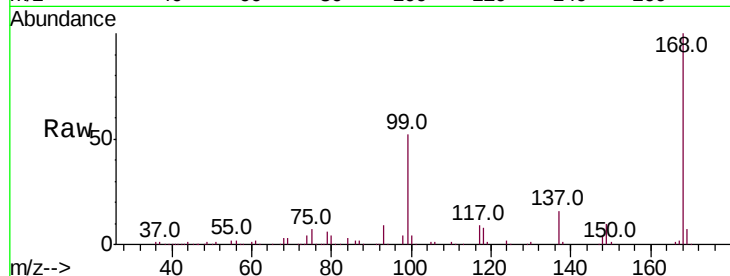
SA-PZ14911-20190731

Tot Ion:168 Resp: 134714

Ion Ratio Lower Upper

168 100

99 51.6 38.5 57.7



Abundance Ion 167.90 (167.60 to 168.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

5.65

50000

40000

30000

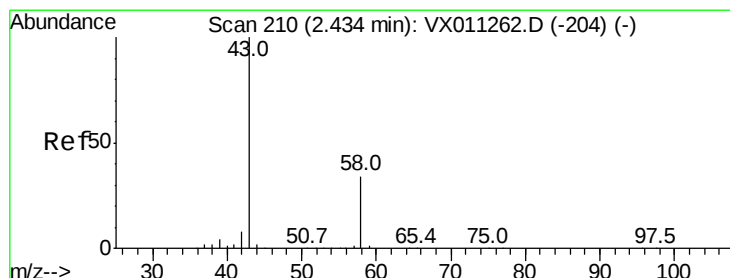
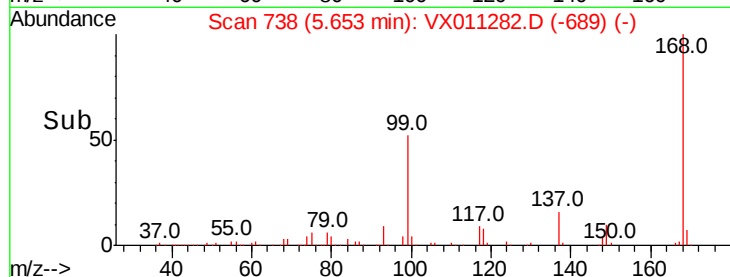
20000

10000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 4.908 ug/l

RT: 2.43 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX011282.D

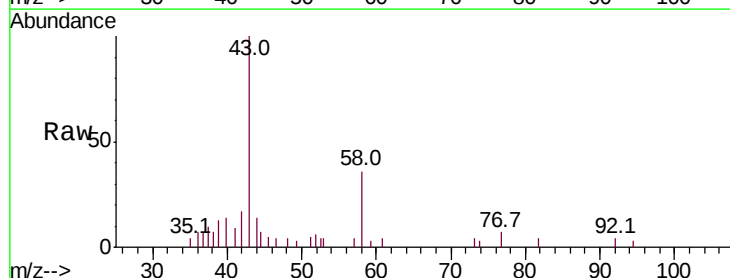
Acq: 02 Aug 2019 00:47

Tgt Ion: 43 Resp: 3169

Ion Ratio Lower Upper

43 100

58 35.9 27.4 41.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.43

1500

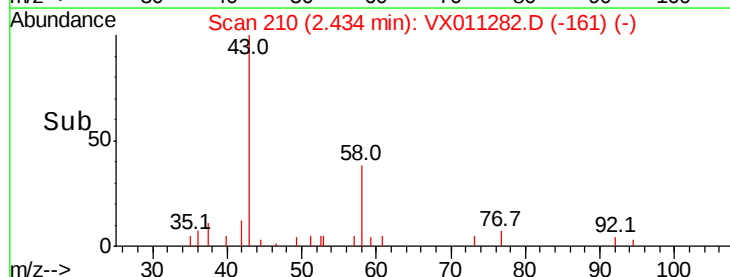
1000

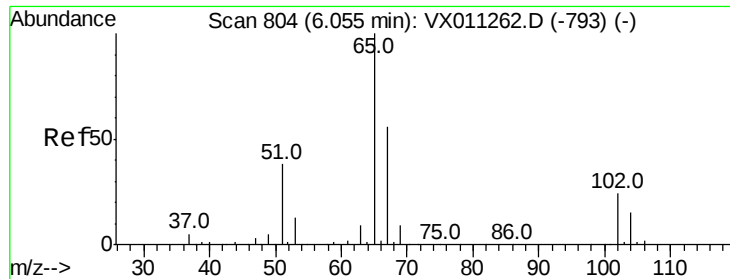
500

0

Time-->

2.35 2.40 2.45 2.50





#33

1,2-Dichloroethane-d4

Concen: 53.503 ug/l

RT: 6.06 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX011282.D

Acq: 02 Aug 2019 00:47

Instrument :

MSVOA_X

ClientSampleId :

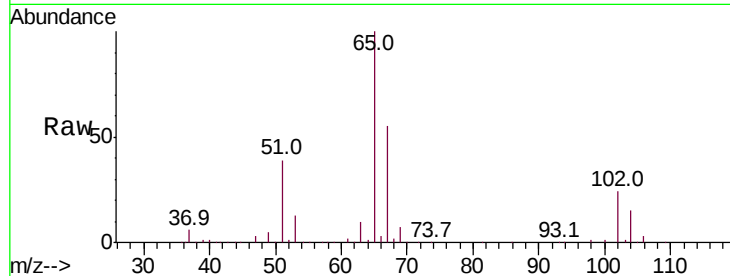
SA-PZ14911-20190731

Tot Ion: 65 Resp: 72585

Ion Ratio Lower Upper

65 100

67 53.5 0.0 110.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

30000

25000

20000

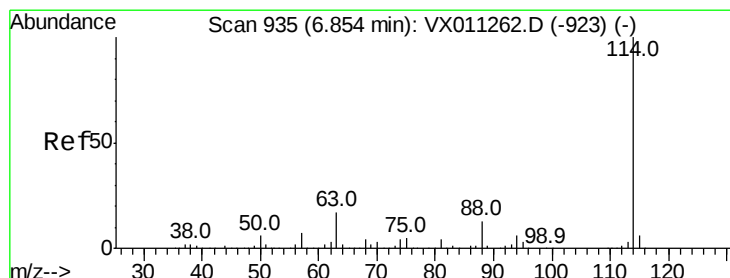
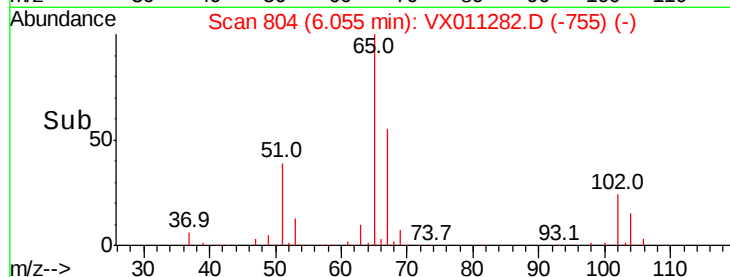
15000

10000

5000

0

Time--> 5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. 0.00 min

Lab File: VX011282.D

Acq: 02 Aug 2019 00:47

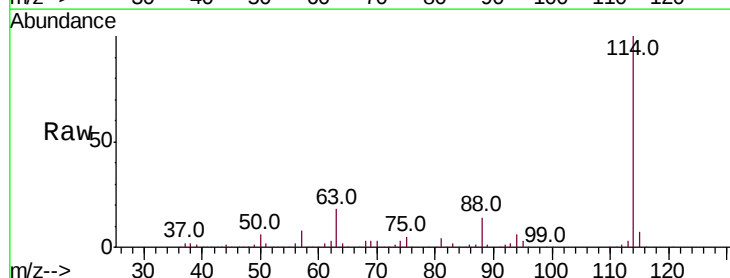
Tgt Ion: 114 Resp: 217945

Ion Ratio Lower Upper

114 100

63 17.8 0.0 34.0

88 14.0 0.0 26.4



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

6.85

120000

100000

80000

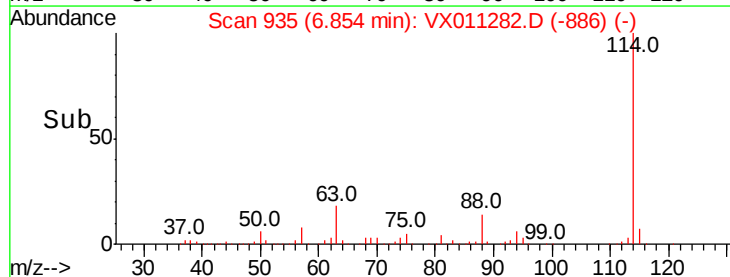
60000

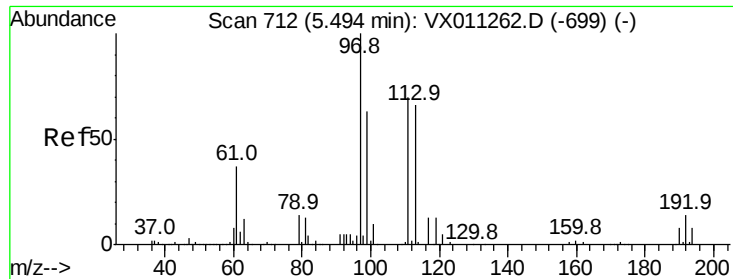
40000

20000

0

Time--> 6.70 6.80 6.90 7.00

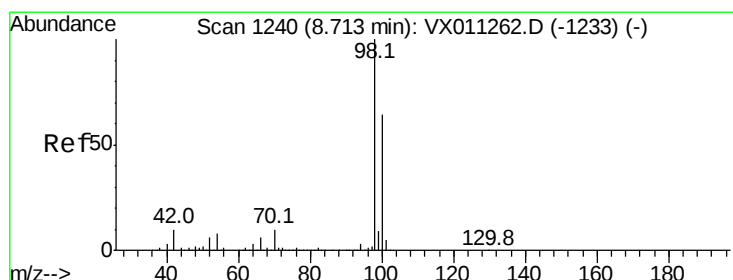
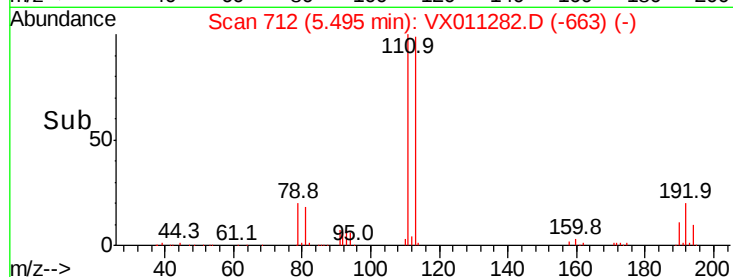
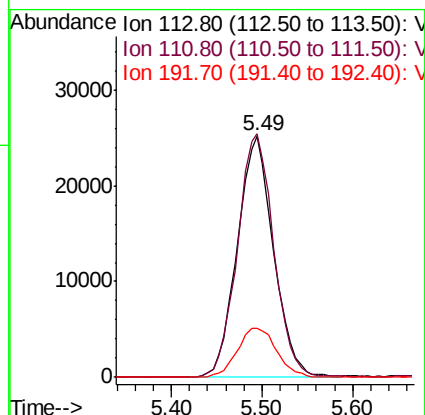
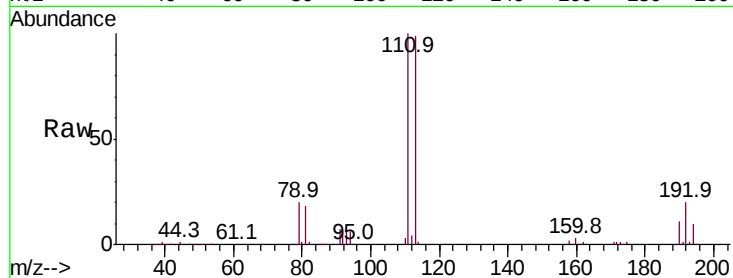




#35
Dibromofluoromethane
Concen: 48.946 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX011282.D
Acq: 02 Aug 2019 00:47

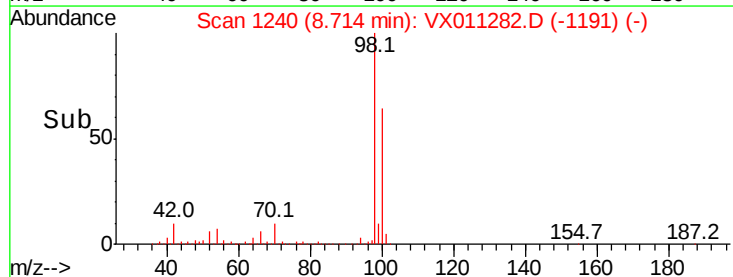
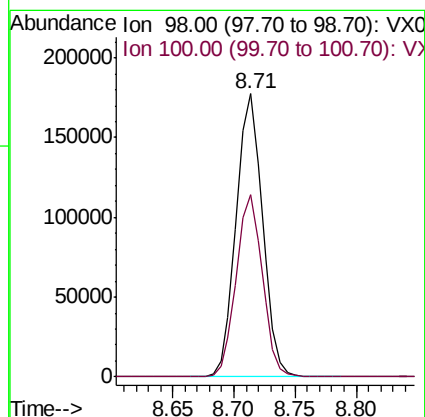
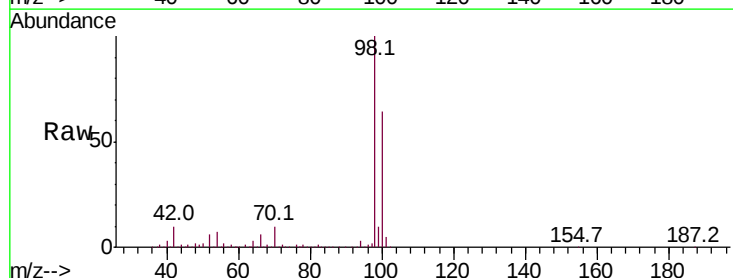
Instrument :
MSVOA_X
ClientSampleId :
SA-PZ149I1-20190731

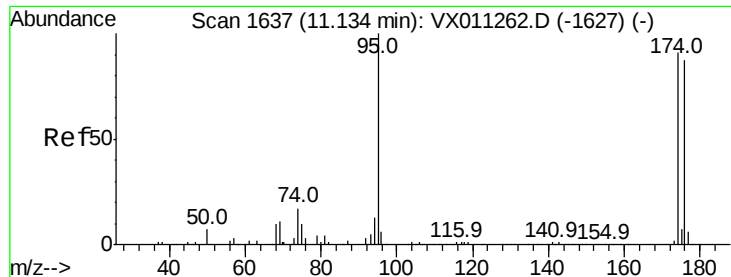
Tot Ion:113 Resp: 69646
Ion Ratio Lower Upper
113 100
111 101.5 81.9 122.9
192 21.9 17.8 26.8



#50
Toluene-d8
Concen: 49.440 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX011282.D
Acq: 02 Aug 2019 00:47

Tgt Ion: 98 Resp: 265548
Ion Ratio Lower Upper
98 100
100 63.8 51.7 77.5





#62

4-Bromofluorobenzene

Concen: 46.029 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011282.D

Acq: 02 Aug 2019 00:47

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ14911-20190731

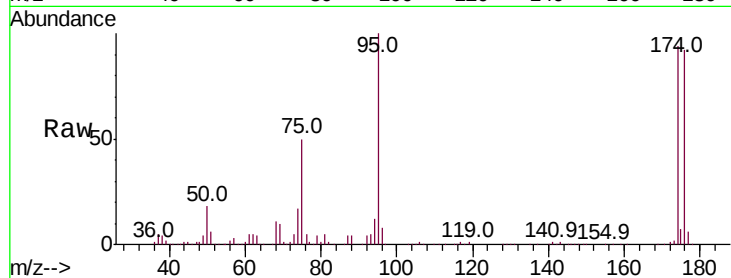
Tot Ion: 95 Resp: 88266

Ion Ratio Lower Upper

95 100

174 95.7 0.0 191.2

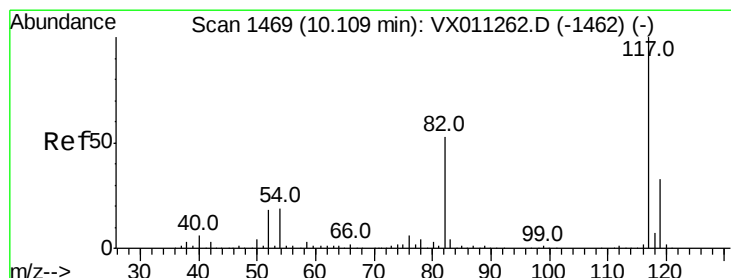
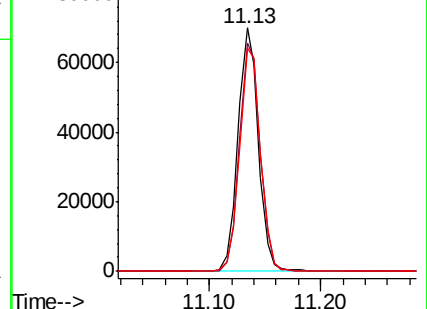
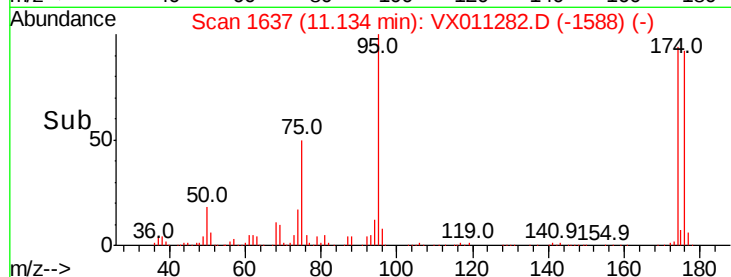
176 94.0 0.0 184.8



Abundance Ion 94.90 (94.60 to 95.60): VX011282.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX011282.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX011282.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX011282.D

Acq: 02 Aug 2019 00:47

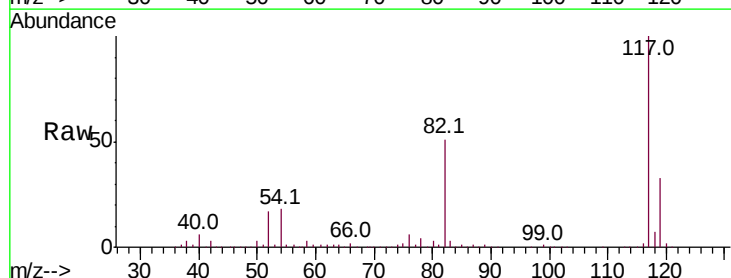
Tgt Ion: 117 Resp: 207112

Ion Ratio Lower Upper

117 100

82 51.0 42.2 63.2

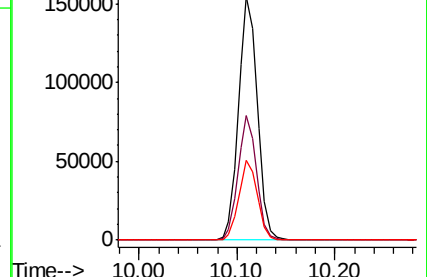
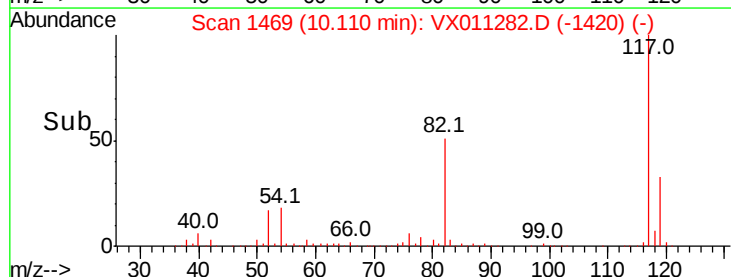
119 32.6 26.6 39.8

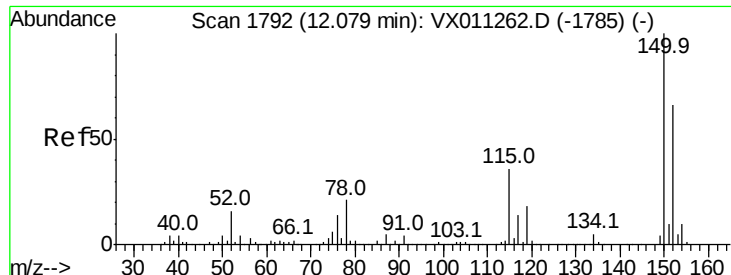


Abundance Ion 116.90 (116.60 to 117.60): VX011282.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX011282.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX011282.D (-1420) (-)

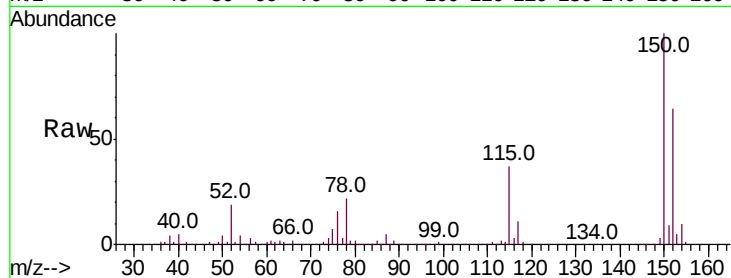




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.07 min Scan# 1791
 Delta R.T. -0.01 min
 Lab File: VX011282.D
 Acq: 02 Aug 2019 00:47

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ14911-20190731

Tot Ion	Ratio	Lower	Upper
152	100		
115	54.3	40.0	119.9
150	157.0	0.0	350.4



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

