

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072919\
 Data File : VX011143.D
 Acq On : 29 Jul 2019 14:15
 Operator : JC/SP
 Sample : K4018-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SU19-MSW0412

Quant Time: Jul 30 05:43:40 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

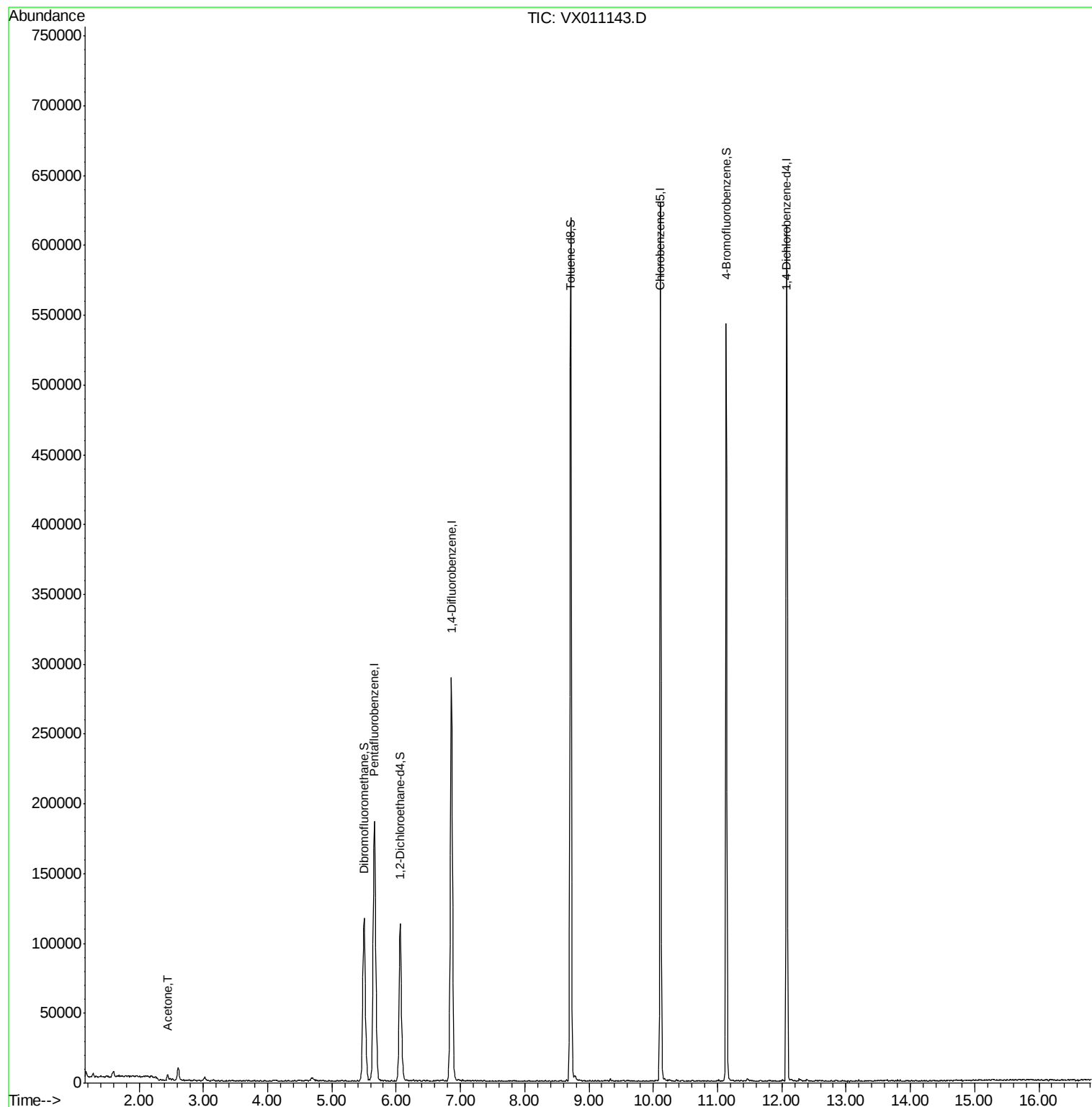
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	187720	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	304897	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	286662	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	134835	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	106306	53.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.46%	
35) Dibromofluoromethane	5.50	113	95924	49.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.14%	
50) Toluene-d8	8.71	98	368795	50.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.62%	
62) 4-Bromofluorobenzene	11.13	95	129177	48.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.84%	
Target Compounds						
16) Acetone	2.45	43	4478	4.965	ug/l	Qvalue 99

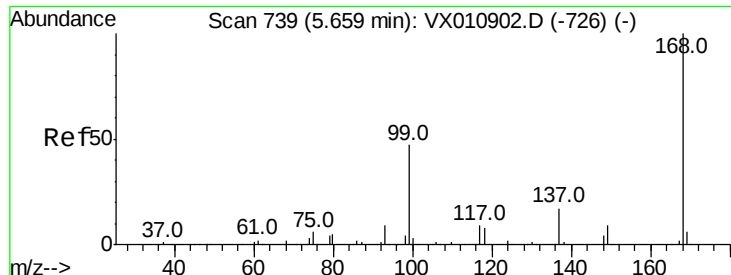
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Jul 24 05:39:23 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.00 min

Lab File: VX011143.D

Acq: 29 Jul 2019 14:15

Instrument :

MSVOA_X

ClientSampleId :

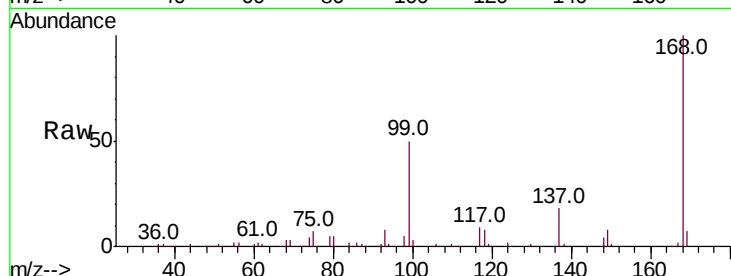
SU19-MSW0412

Tot Ion:168 Resp: 187720

Ion Ratio Lower Upper

168 100

99 50.0 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

60000

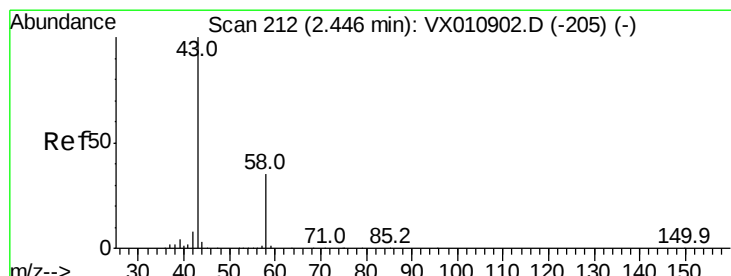
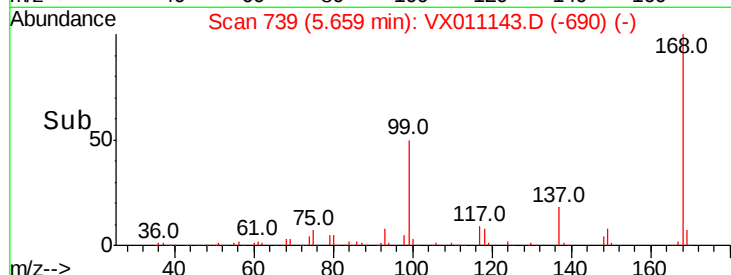
40000

20000

0

Time-->

5.60 5.70 5.80



#16

Acetone

Concen: 4.965 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX011143.D

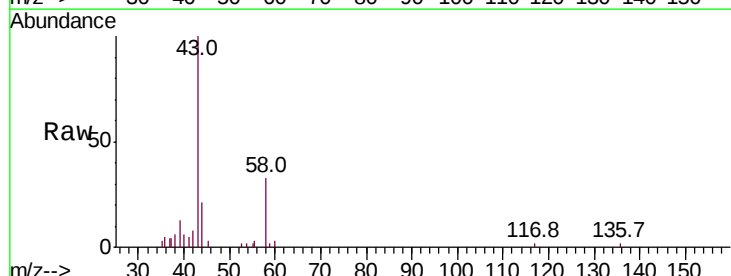
Acq: 29 Jul 2019 14:15

Tgt Ion: 43 Resp: 4478

Ion Ratio Lower Upper

43 100

58 33.9 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

3000

2500

2000

1500

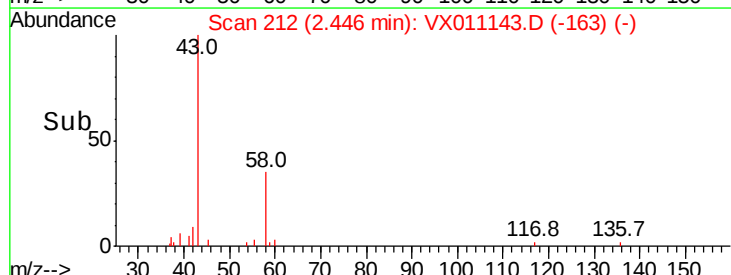
1000

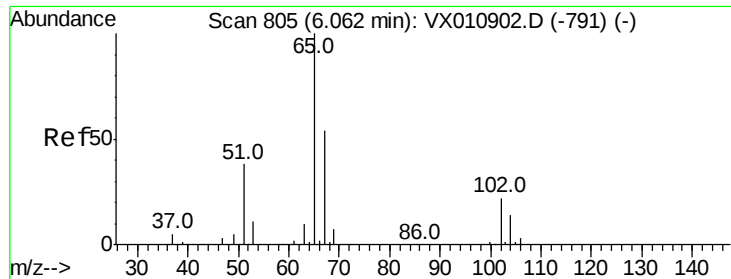
500

0

Time-->

2.35 2.40 2.45 2.50





#33

1,2-Dichloroethane-d4

Concen: 53.231 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX011143.D

Acq: 29 Jul 2019 14:15

Instrument :

MSVOA_X

ClientSampleId :

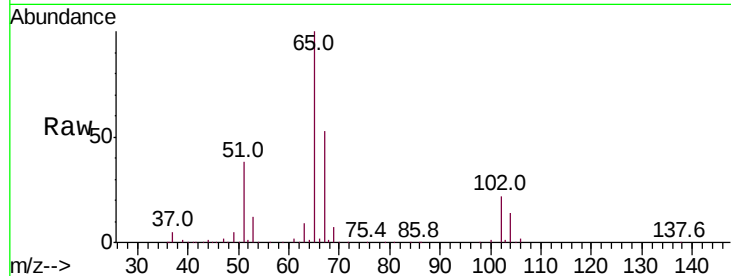
SU19-MSW0412

Tot Ion: 65 Resp: 106306

Ion Ratio Lower Upper

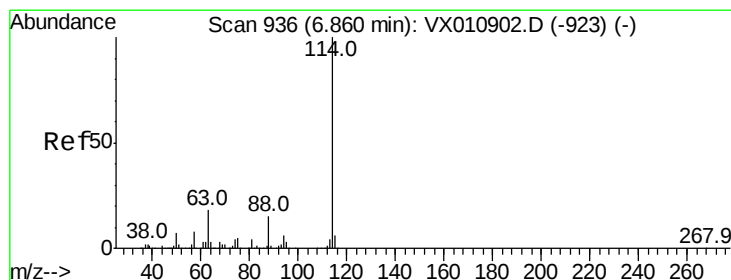
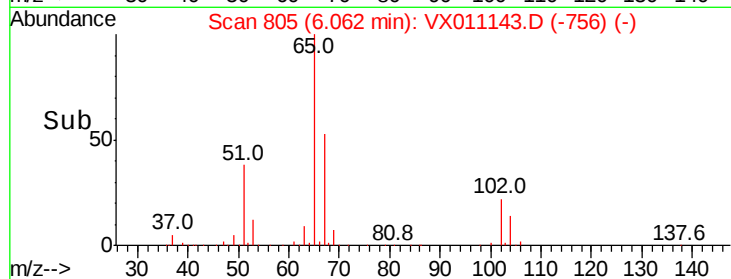
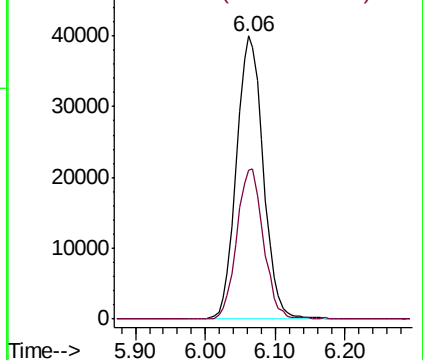
65 100

67 52.7 0.0 107.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX011143.D

Acq: 29 Jul 2019 14:15

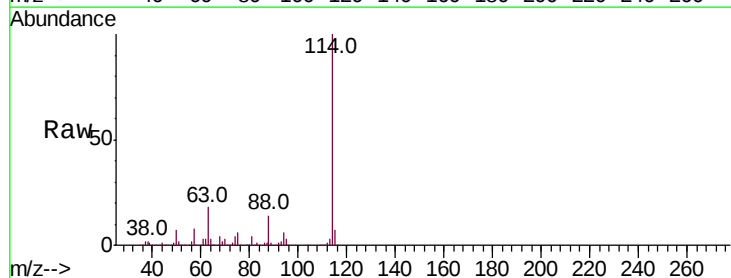
Tgt Ion:114 Resp: 304897

Ion Ratio Lower Upper

114 100

63 18.1 0.0 35.6

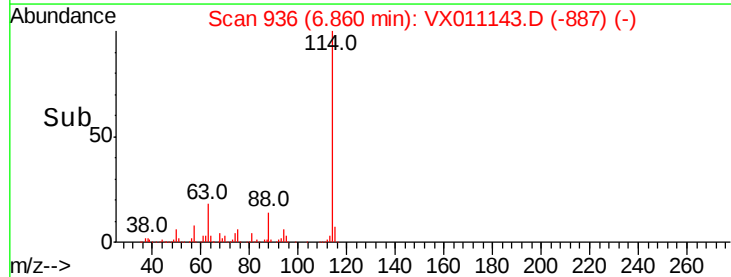
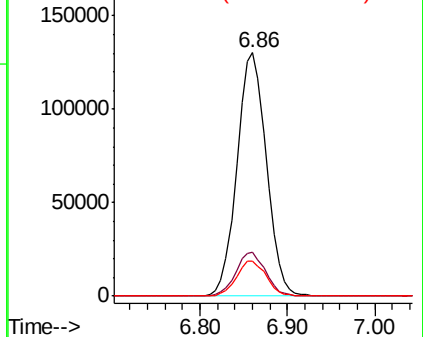
88 14.2 0.0 29.8

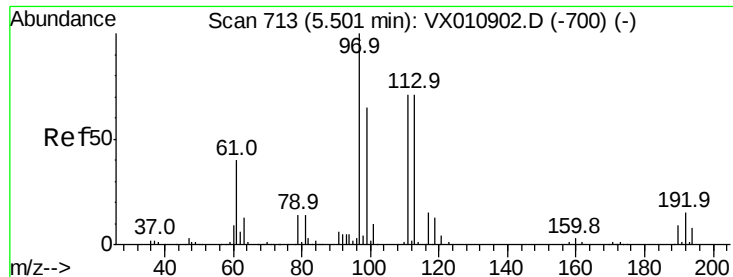


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

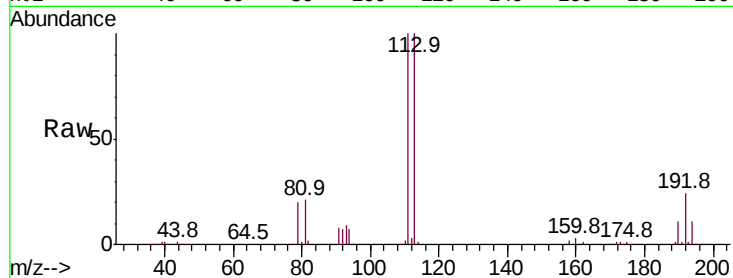




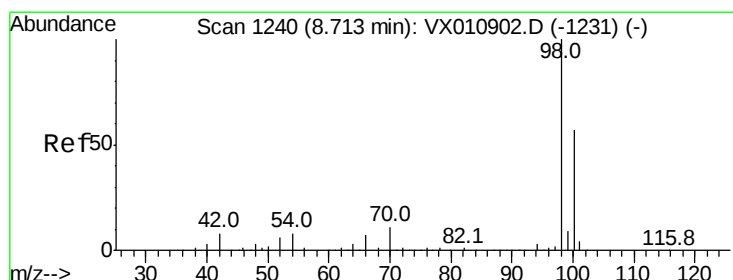
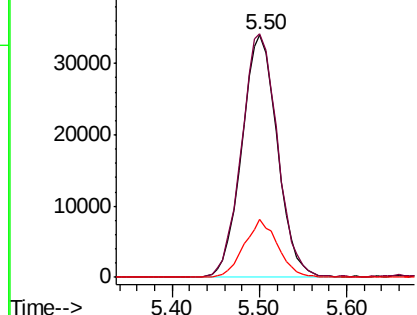
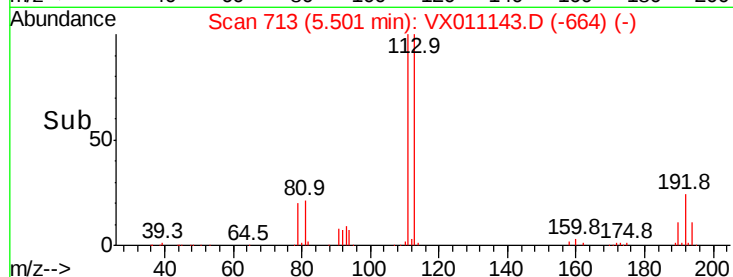
#35
 Dibromofluoromethane
 Concen: 49.567 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX011143.D
 Acq: 29 Jul 2019 14:15

Instrument :
 MSVOA_X
 ClientSampleId :
 SU19-MSW0412

Tot Ion:113 Resp: 95924
 Ion Ratio Lower Upper
 113 100
 111 102.0 82.3 123.5
 192 22.6 17.4 26.2

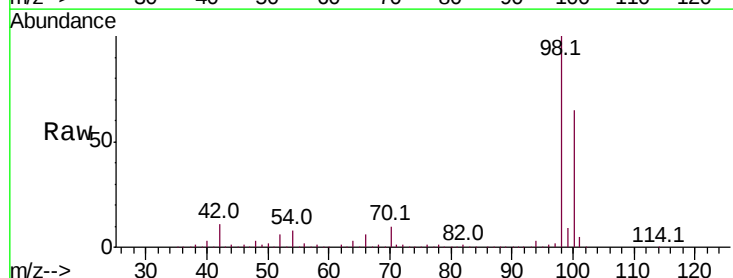


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

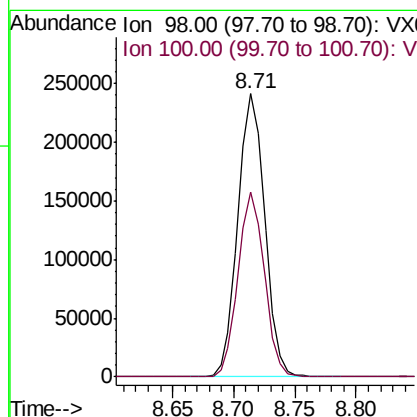
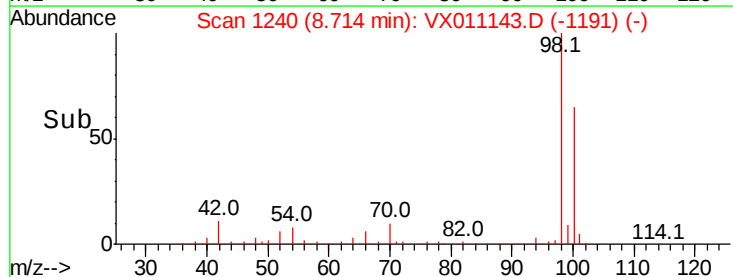


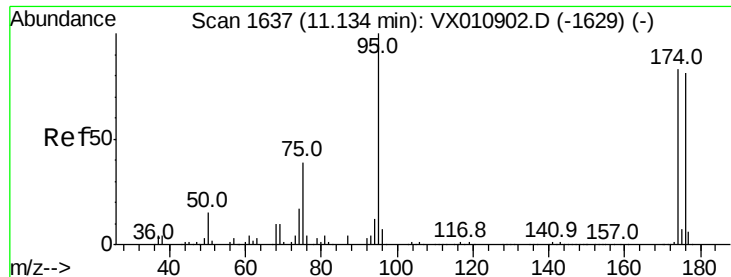
#50
 Toluene-d8
 Concen: 50.809 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX011143.D
 Acq: 29 Jul 2019 14:15

Tgt Ion: 98 Resp: 368795
 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: 48.418 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011143.D

Acq: 29 Jul 2019 14:15

Instrument :

MSVOA_X

ClientSampleId :

SU19-MSW0412

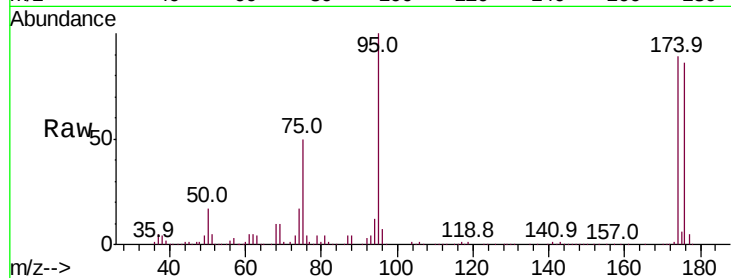
Tot Ion: 95 Resp: 129177

Ion Ratio Lower Upper

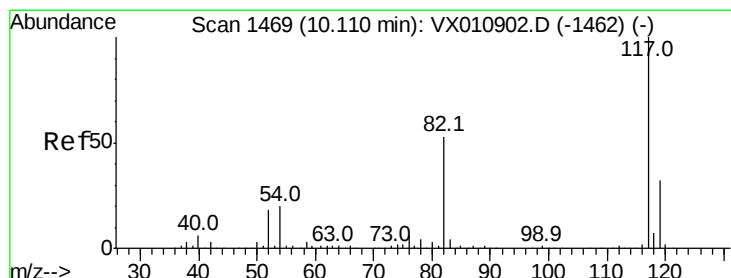
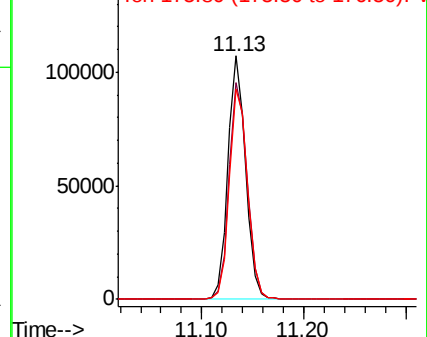
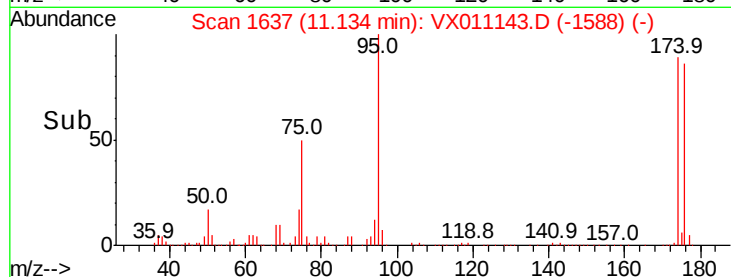
95 100

174 91.3 0.0 180.6

176 88.4 0.0 173.8



Abundance Ion 94.90 (94.60 to 95.60): VX011143.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX011143.D

Acq: 29 Jul 2019 14:15

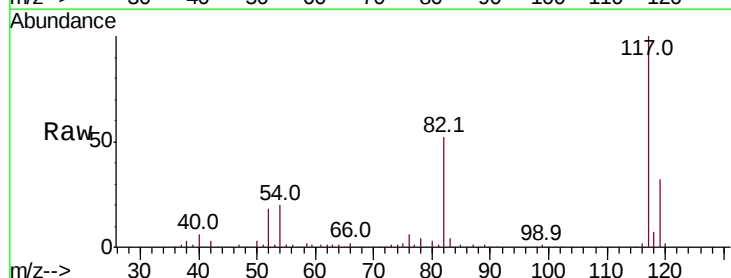
Tgt Ion: 117 Resp: 286662

Ion Ratio Lower Upper

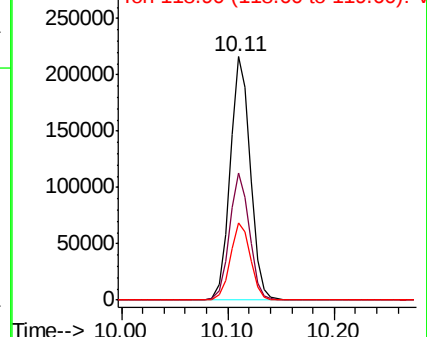
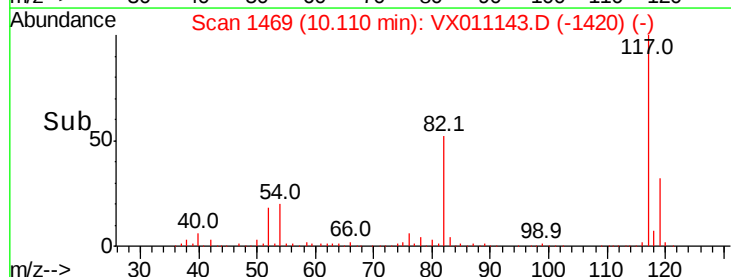
117 100

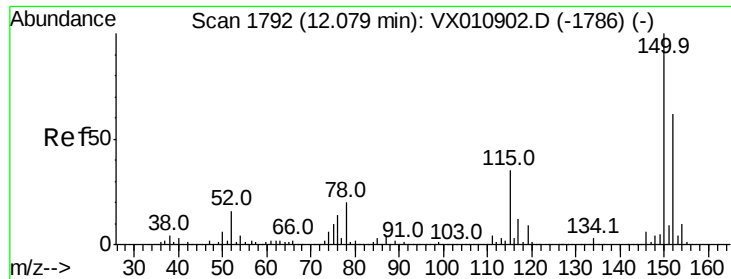
82 52.2 42.6 63.8

119 32.0 25.9 38.9



Abundance Ion 116.90 (116.60 to 117.60): VX011143.D (-1420) (-)





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX011143.D
 Acq: 29 Jul 2019 14:15

Instrument :
 MSVOA_X
 ClientSampleId :
 SU19-MSW0412

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.0	39.7	119.1
150	155.7	0.0	345.6

