

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX052919\
 Data File : VX009944.D
 Acq On : 29 May 2019 16:50
 Operator : JC/SP
 Sample : K3088-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 W-3

Quant Time: Jun 10 05:46:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 29 04:00:56 2019
 Response via : Initial Calibration

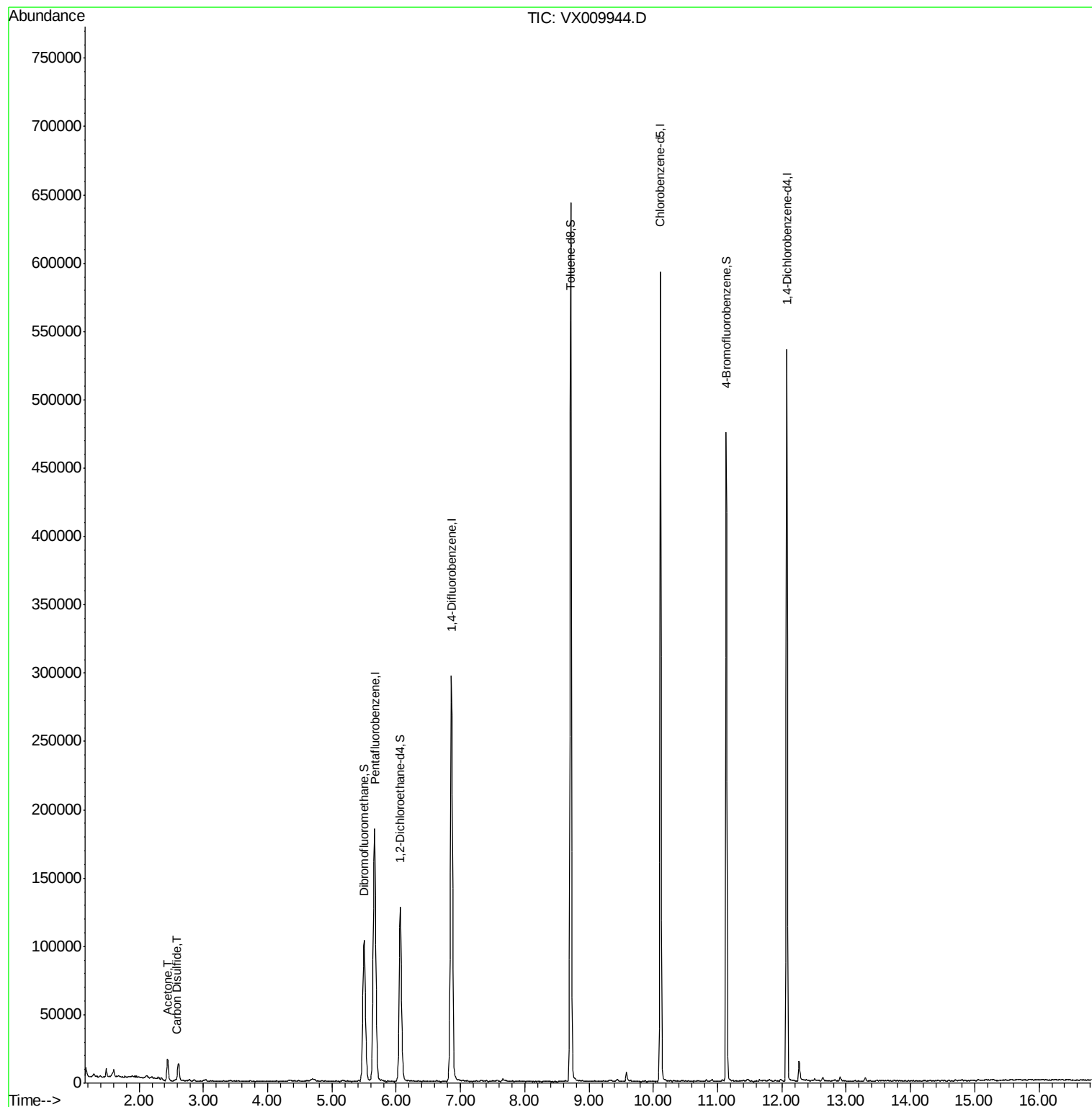
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	178452	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	284630	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	255957	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	110412	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	121281	48.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.22%	
35) Dibromofluoromethane	5.50	113	89054	49.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.54%	
50) Toluene-d8	8.71	98	362535	49.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.78%	
62) 4-Bromofluorobenzene	11.13	95	122102	46.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.56%	
Target Compounds						
16) Acetone	2.44	43	18083	12.416	ug/l	93
17) Carbon Disulfide	2.57	76	1666	0.687	ug/l	98

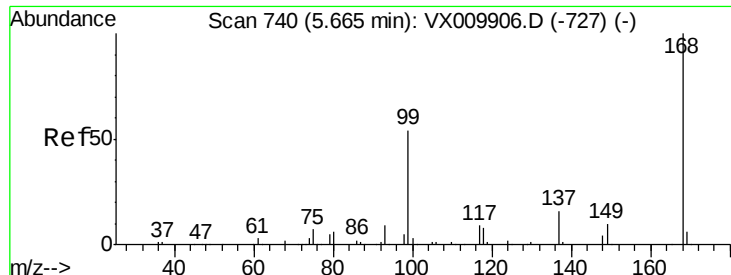
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX009944.D

Acq: 29 May 2019 16:50

Instrument :

MSVOA_X

ClientSampled :

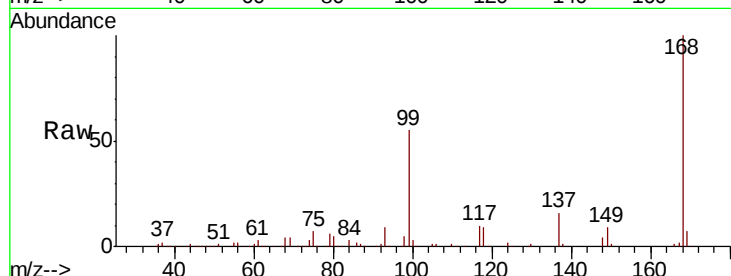
W-3

Tot Ion:168 Resp: 178452

Ion Ratio Lower Upper

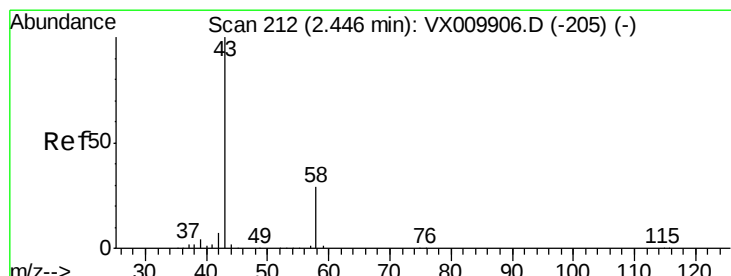
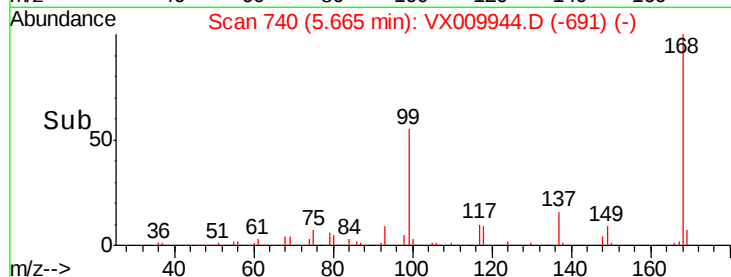
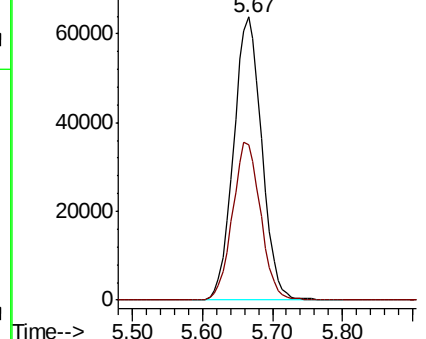
168 100

99 55.0 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 12.416 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX009944.D

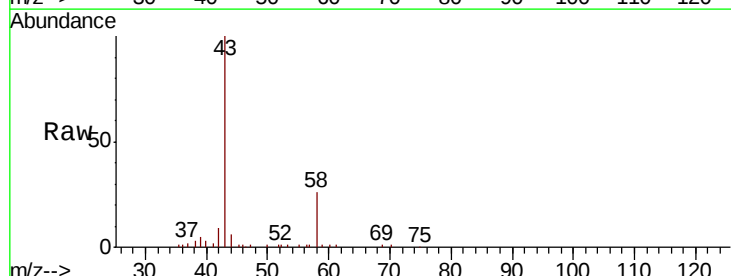
Acq: 29 May 2019 16:50

Tgt Ion: 43 Resp: 18083

Ion Ratio Lower Upper

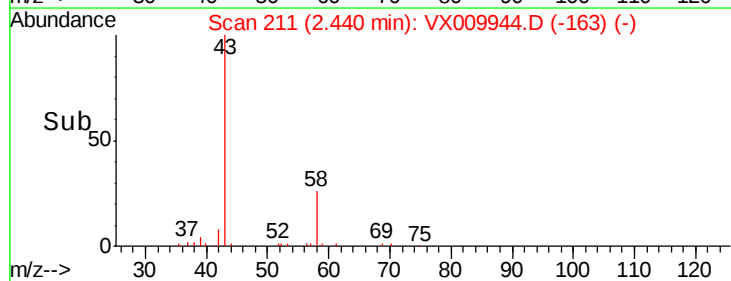
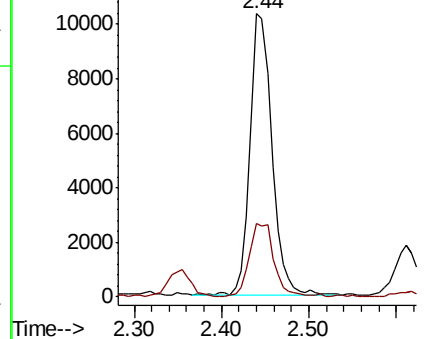
43 100

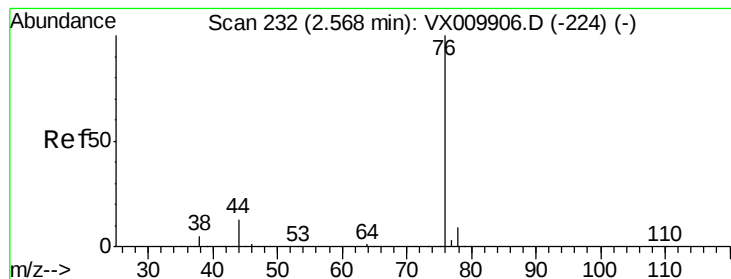
58 25.4 23.2 34.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 0.687 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.01 min

Lab File: VX009944.D

Acq: 29 May 2019 16:50

Instrument :

MSVOA_X

ClientSampled :

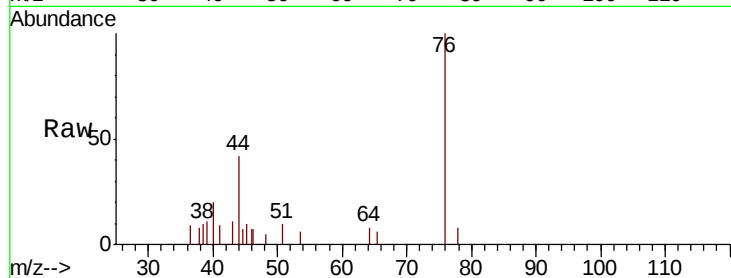
W-3

Tot Ion: 76 Resp: 1666

Ion Ratio Lower Upper

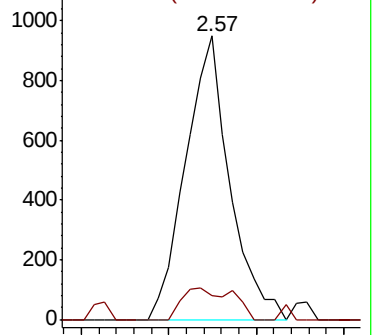
76 100

78 8.2 7.0 10.6

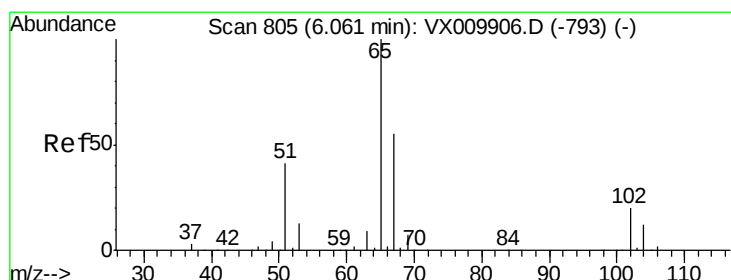
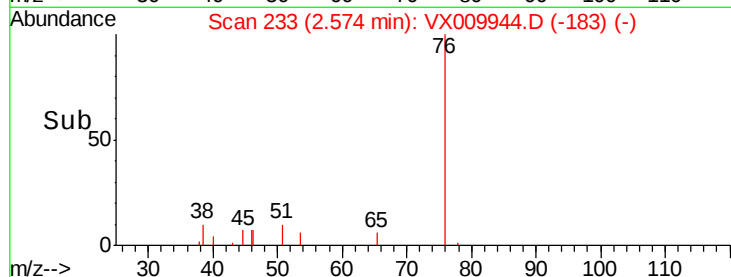


Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



Time-->



#33

1,2-Dichloroethane-d4

Concen: 48.112 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX009944.D

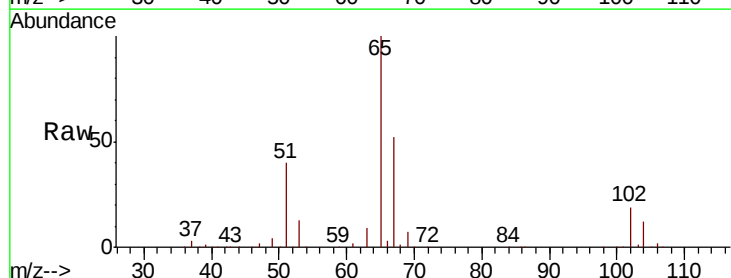
Acq: 29 May 2019 16:50

Tgt Ion: 65 Resp: 121281

Ion Ratio Lower Upper

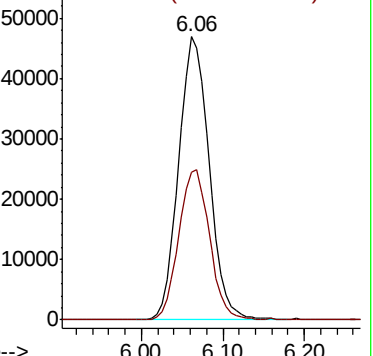
65 100

67 53.5 0.0 108.4

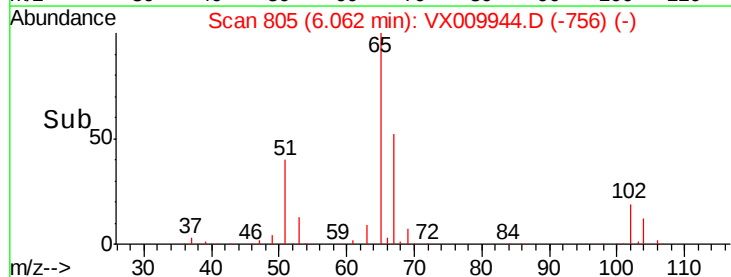


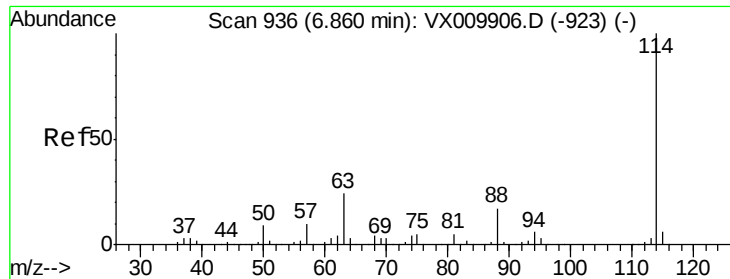
Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



Time-->

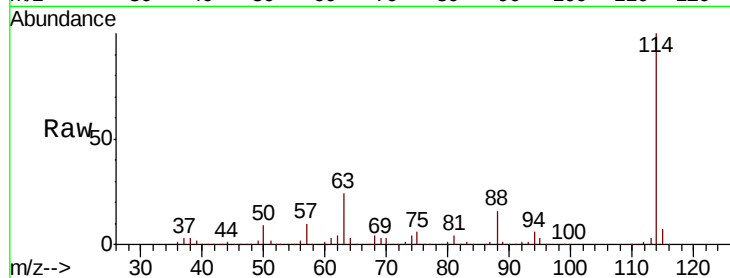




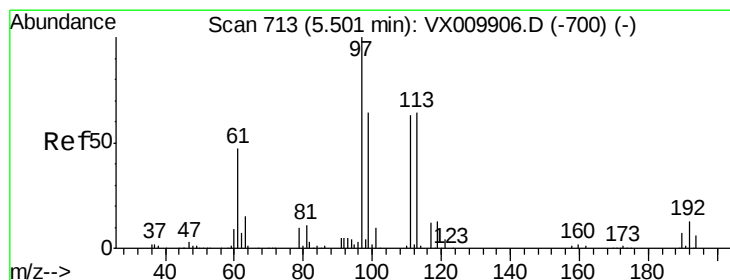
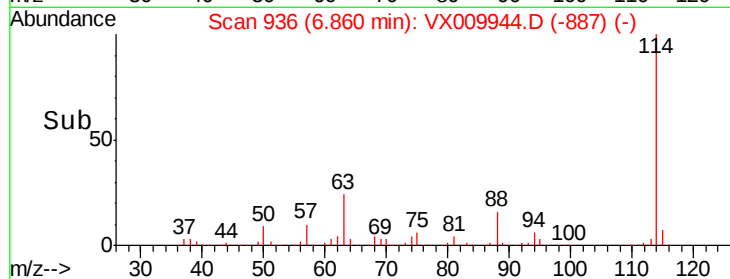
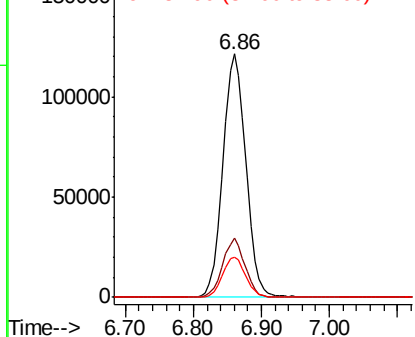
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX009944.D
 Acq: 29 May 2019 16:50

Instrument :
 MSVOA_X
 ClientSampleId :
 W-3

Tot Ion:114 Resp: 284630
 Ion Ratio Lower Upper
 114 100
 63 24.1 0.0 47.4
 88 16.4 0.0 33.0

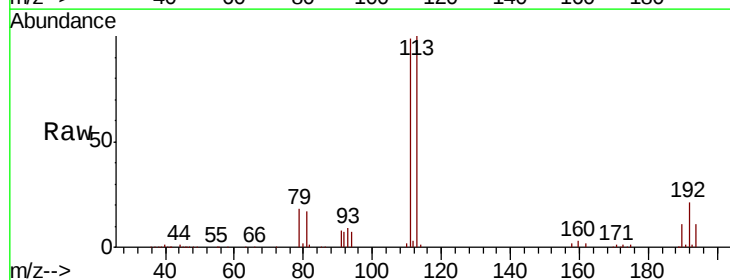


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

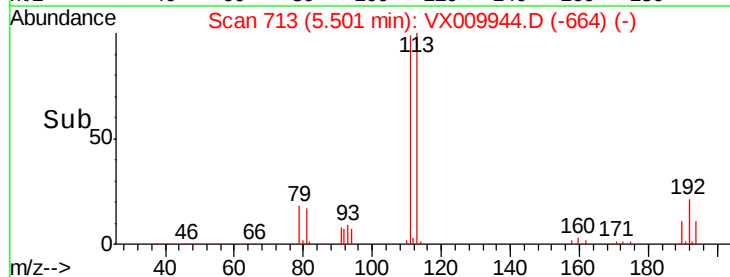
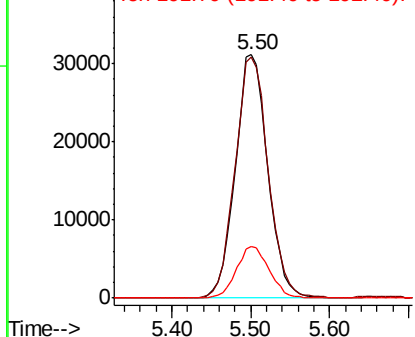


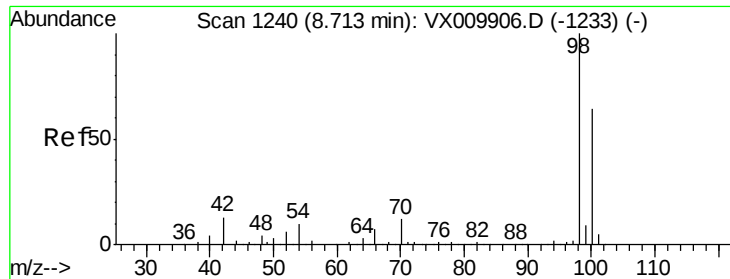
#35
 Dibromofluoromethane
 Concen: 49.765 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX009944.D
 Acq: 29 May 2019 16:50

Tgt Ion:113 Resp: 89054
 Ion Ratio Lower Upper
 113 100
 111 101.3 82.2 123.2
 192 21.4 17.1 25.7



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: 49.890 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX009944.D

Acq: 29 May 2019 16:50

Instrument :

MSVOA_X

ClientSampled :

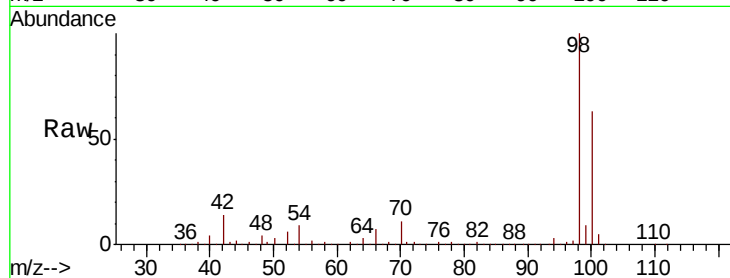
W-3

Tot Ion: 98 Resp: 362535

Ion Ratio Lower Upper

98 100

100 63.6 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

250000

200000

150000

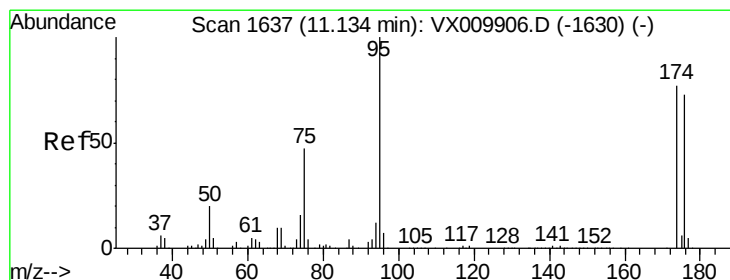
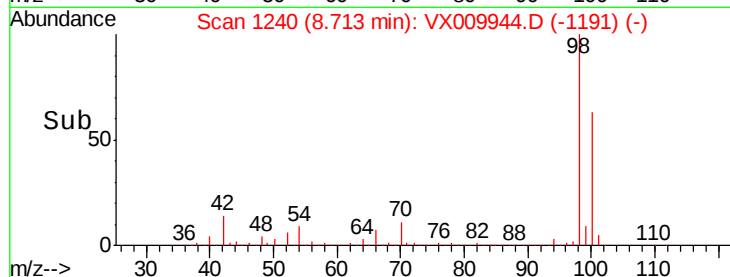
100000

50000

0

8.60 8.65 8.70 8.75 8.80

Time-->



#62

4-Bromofluorobenzene

Concen: 46.781 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009944.D

Acq: 29 May 2019 16:50

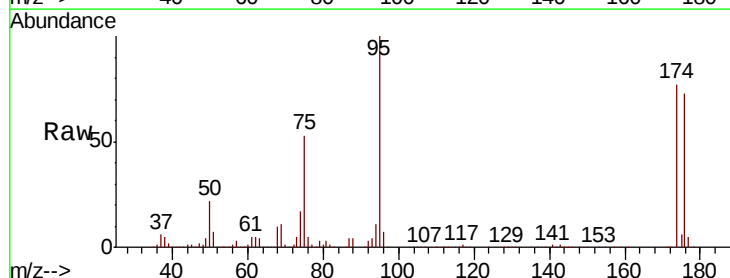
Tgt Ion: 95 Resp: 122102

Ion Ratio Lower Upper

95 100

174 80.4 0.0 160.4

176 78.8 0.0 154.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

120000

100000

80000

60000

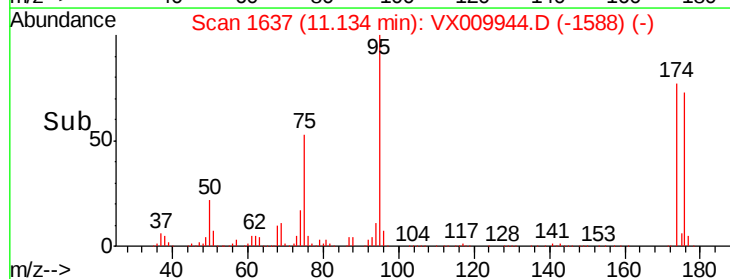
40000

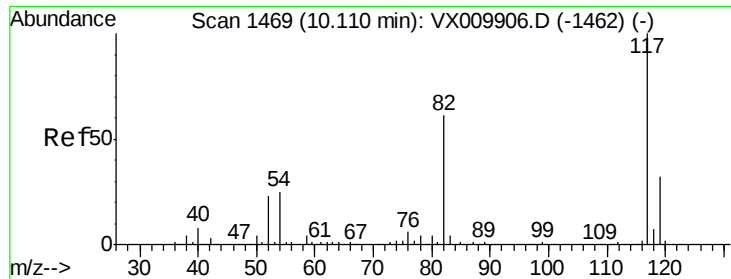
20000

0

11.10 11.15 11.20

Time-->

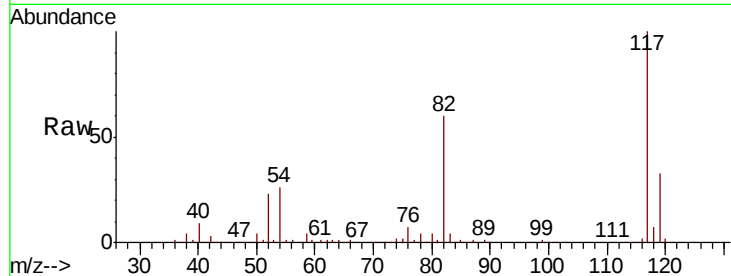




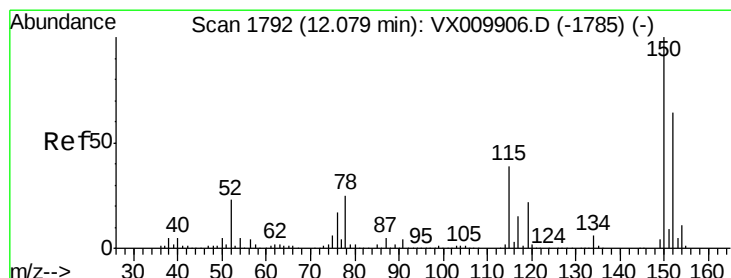
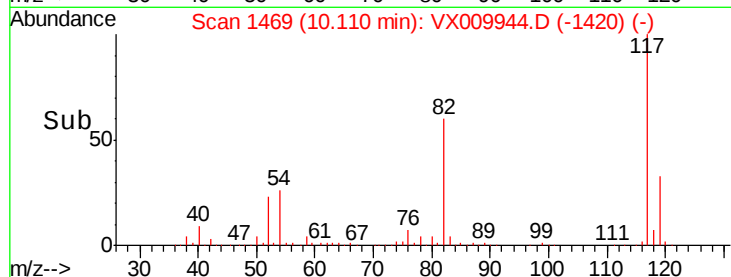
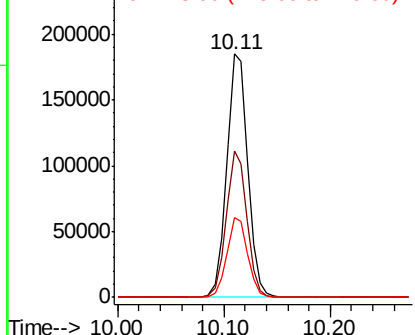
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009944.D
Acq: 29 May 2019 16:50

Instrument :
MSVOA_X
ClientSampled :
W-3

Tot Ion	Ratio	Lower	Upper
117	100		
82	60.2	49.2	73.8
119	32.6	25.2	37.8

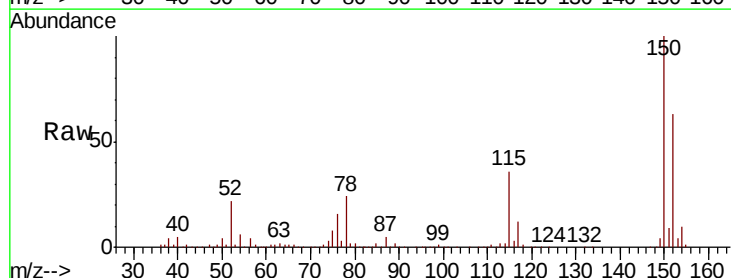


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX009944.D
Acq: 29 May 2019 16:50

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.2	41.4	124.2
150	157.1	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

