

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052019\
 Data File : VX009733.D
 Acq On : 20 May 2019 18:00
 Operator : JC/SP
 Sample : K2910-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S73-0225

Quant Time: May 21 09:17:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

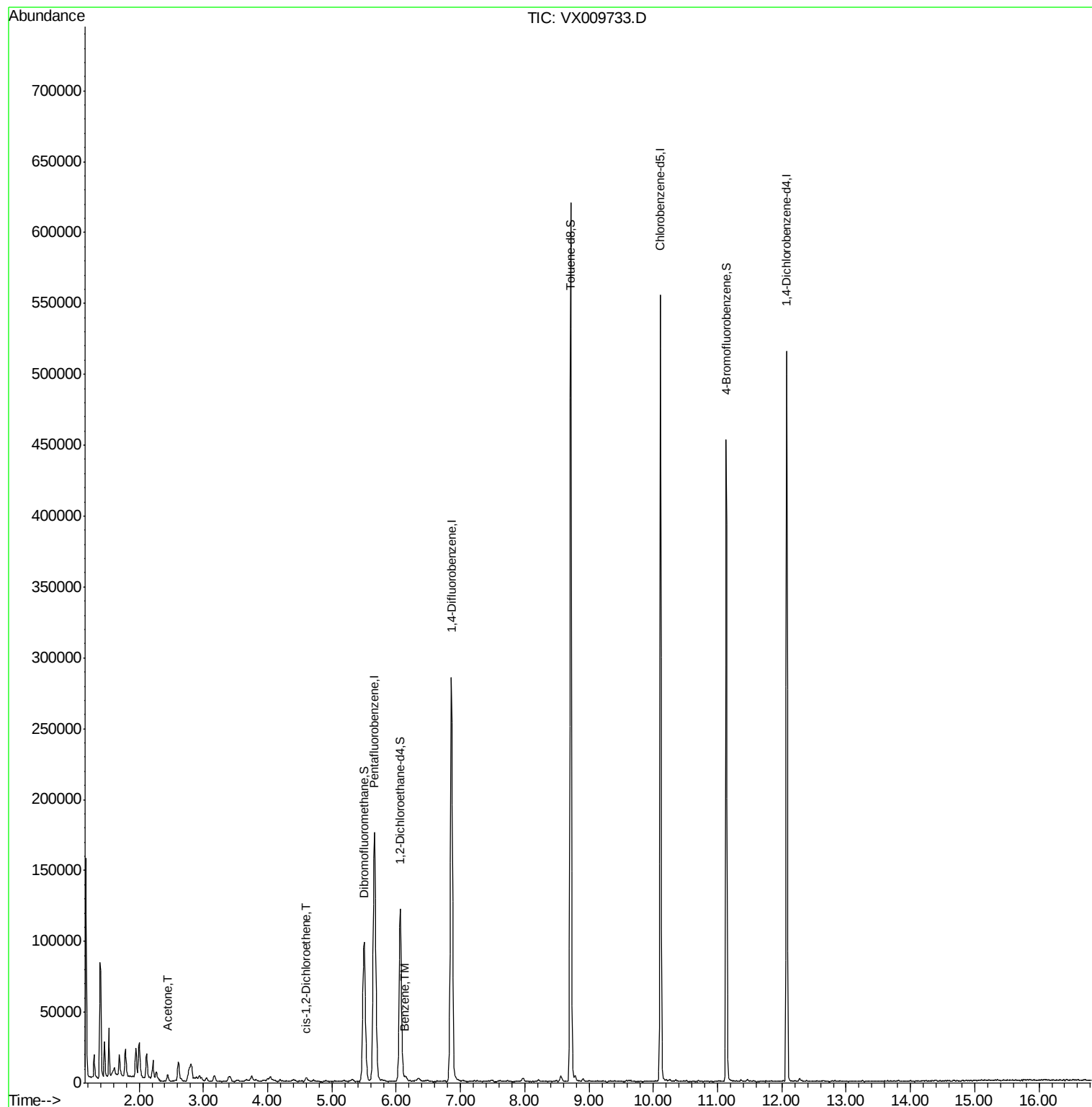
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	171696	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	275175	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	243666	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	104796	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	115065	49.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.18%	
35) Dibromofluoromethane	5.50	113	83472	48.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.50%	
50) Toluene-d8	8.71	98	347033	49.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.38%	
62) 4-Bromofluorobenzene	11.13	95	115245	45.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.82%	
Target Compounds						
16) Acetone	2.45	43	4675	3.715	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	1390	0.667	ug/l	94
40) Benzene	6.14	78	3216	0.406	ug/l	94

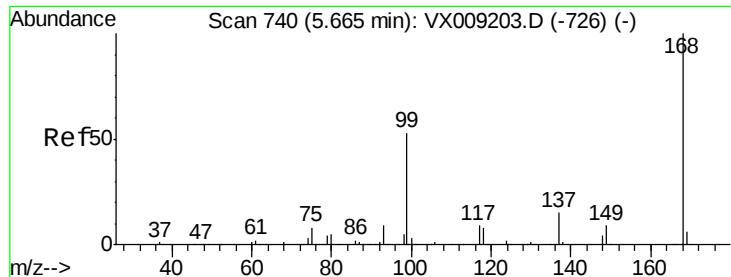
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX009733.D

Acq: 20 May 2019 18:00

Instrument :

MSVOA_X

ClientSampleId :

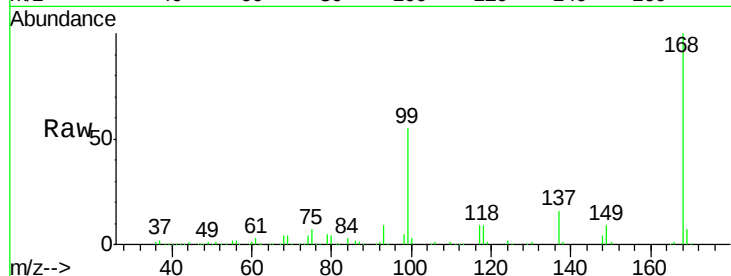
S73-0225

Tot Ion:168 Resp: 171696

Ion Ratio Lower Upper

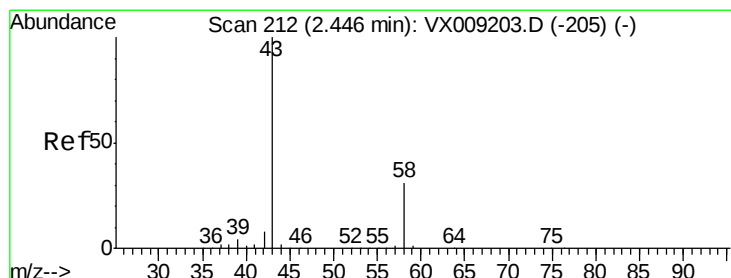
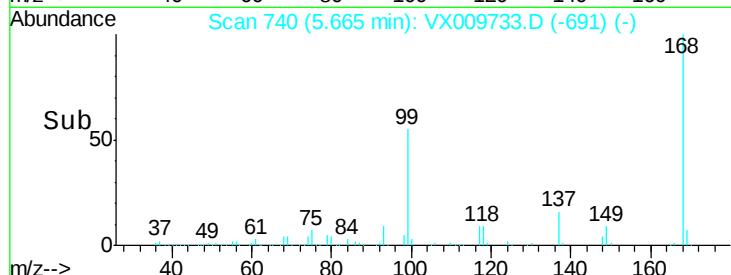
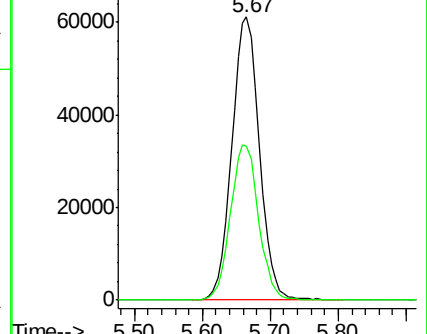
168 100

99 54.6 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 3.715 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX009733.D

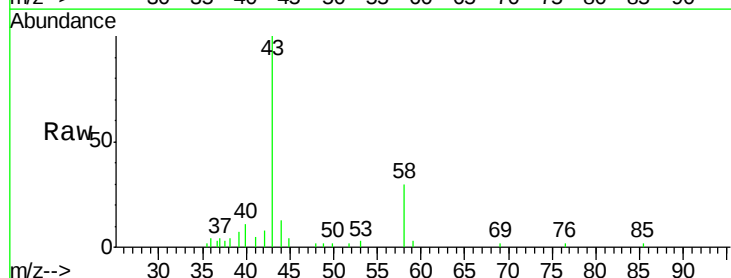
Acq: 20 May 2019 18:00

Tgt Ion: 43 Resp: 4675

Ion Ratio Lower Upper

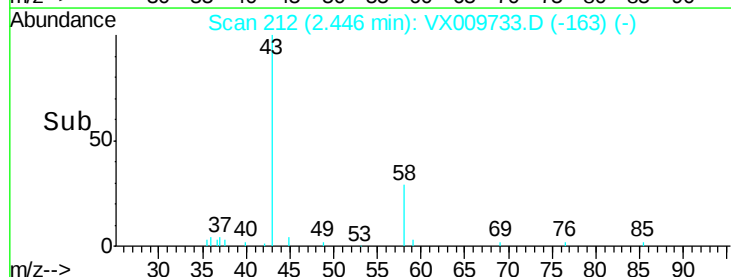
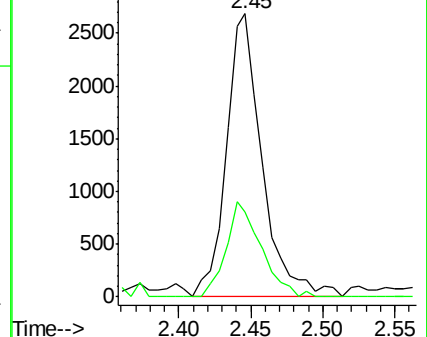
43 100

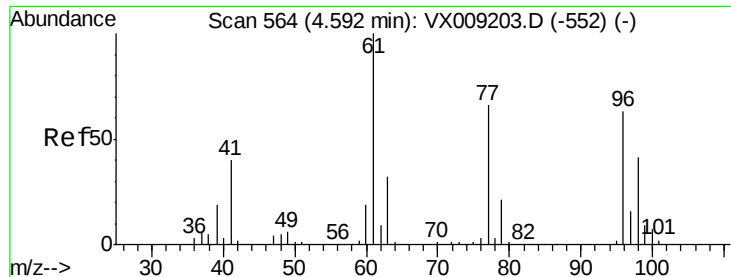
58 30.2 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

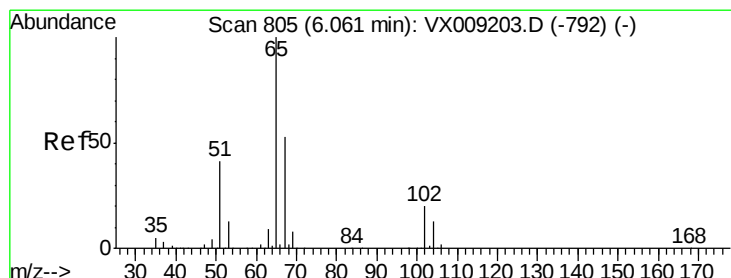
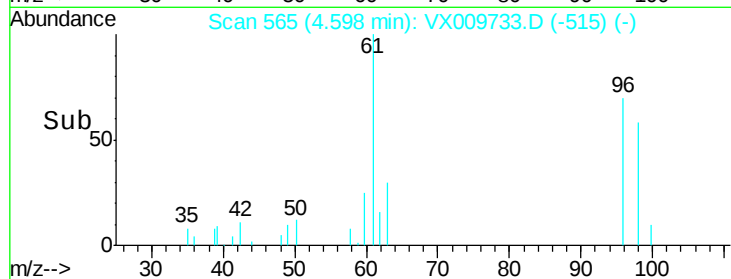
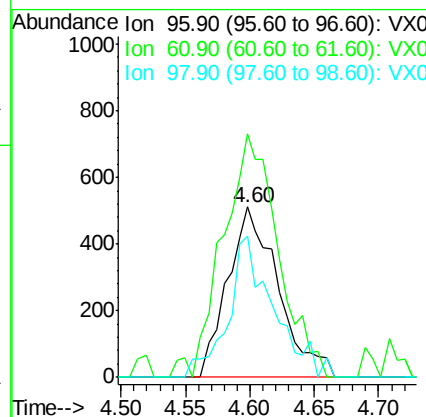
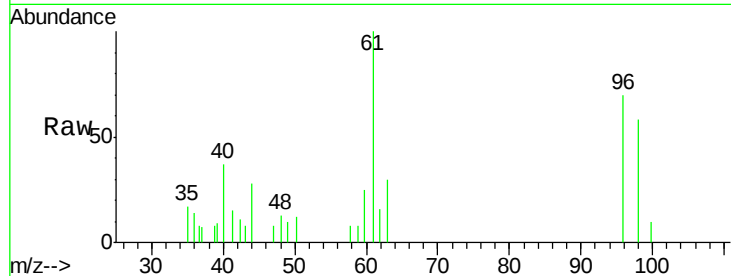




#27
 cis-1,2-Dichloroethene
 Concen: 0.667 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.01 min
 Lab File: VX009733.D
 Acq: 20 May 2019 18:00

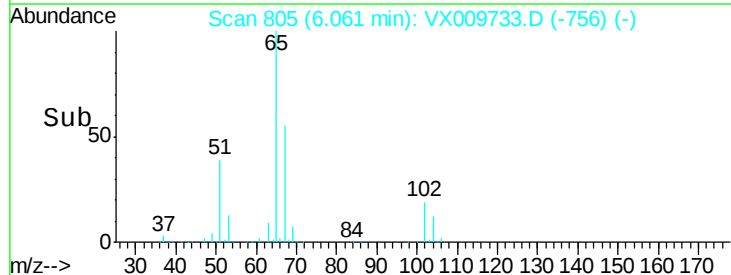
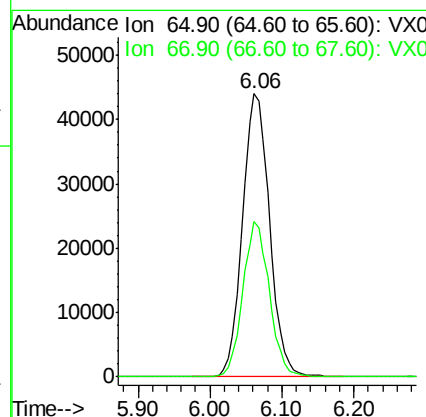
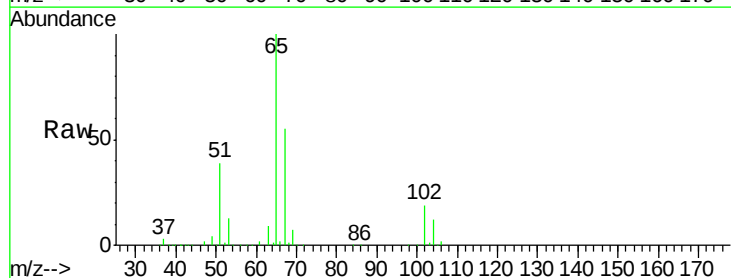
Instrument :
 MSVOA_X
 ClientSampleId :
 S73-0225

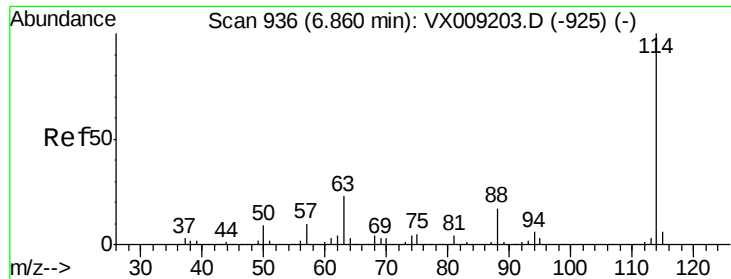
Tot Ion: 96 Resp: 1390
 Ion Ratio Lower Upper
 96 100
 61 157.3 0.0 324.0
 98 74.5 0.0 130.4



#33
 1,2-Dichloroethane-d4
 Concen: 49.092 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX009733.D
 Acq: 20 May 2019 18:00

Tgt Ion: 65 Resp: 115065
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 106.6

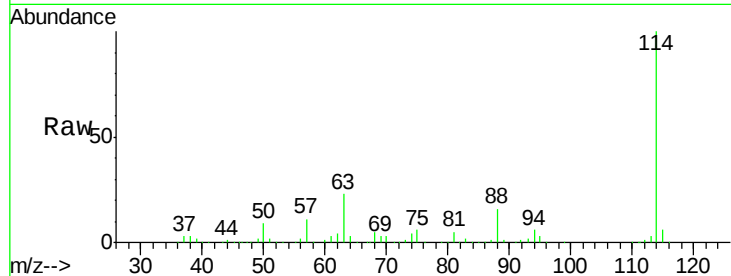




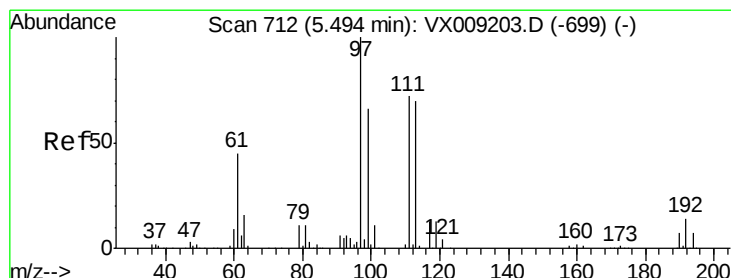
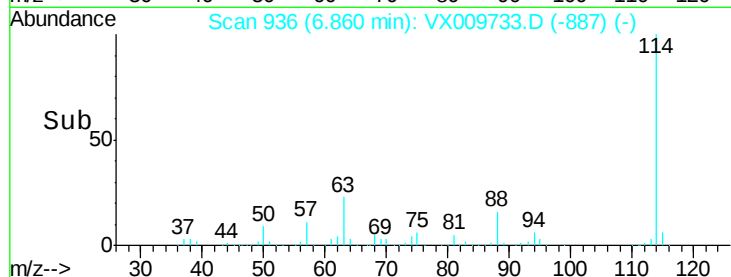
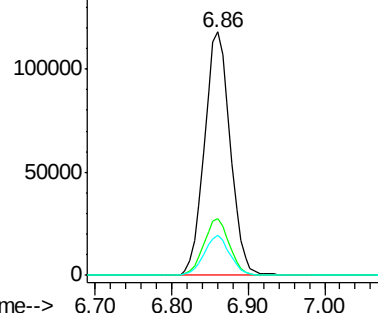
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX009733.D
 Acq: 20 May 2019 18:00

Instrument :
 MSVOA_X
 ClientSampleId :
 S73-0225

Tot Ion	Ratio	Lower	Upper
114	100		
63	23.1	0.0	45.6
88	16.4	0.0	33.2

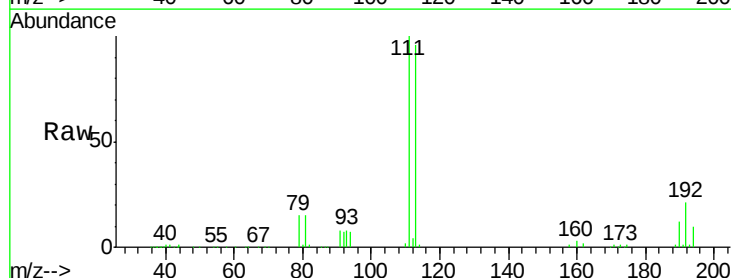


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX
 Ion 87.90 (87.60 to 88.60): VX

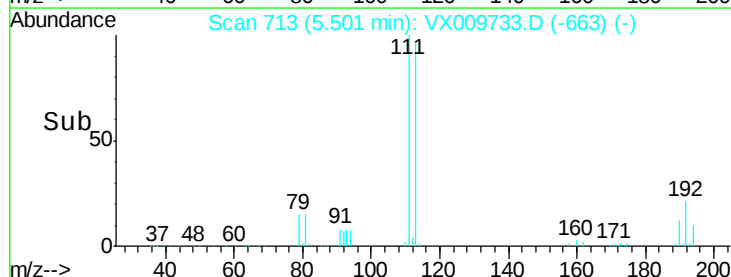
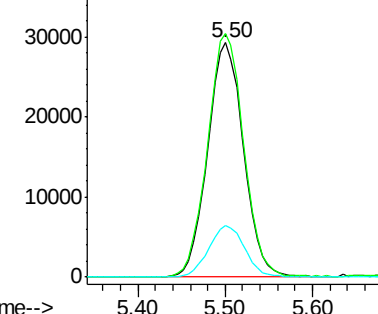


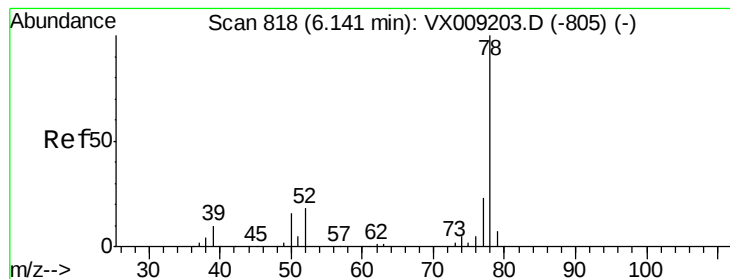
#35
 Dibromofluoromethane
 Concen: 48.254 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: VX009733.D
 Acq: 20 May 2019 18:00

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.7	82.8	124.2
192	22.0	17.0	25.6



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





#40

Benzene

Concen: 0.406 ug/l

RT: 6.14 min Scan# 818

Delta R.T. 0.00 min

Lab File: VX009733.D

Acq: 20 May 2019 18:00

Instrument :

MSVOA_X

ClientSampled :

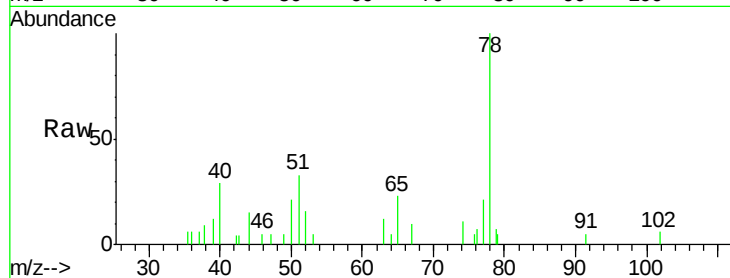
S73-0225

Tot Ion: 78 Resp: 3216

Ion Ratio Lower Upper

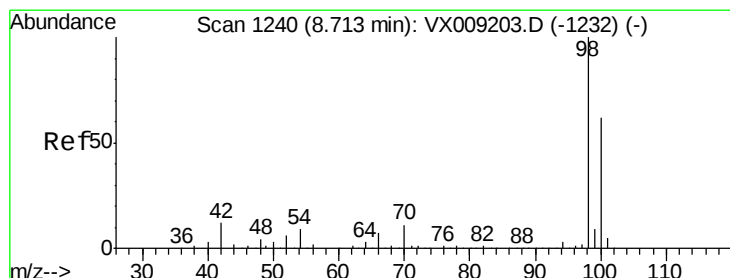
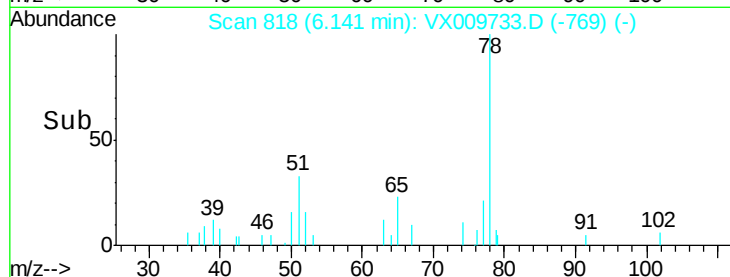
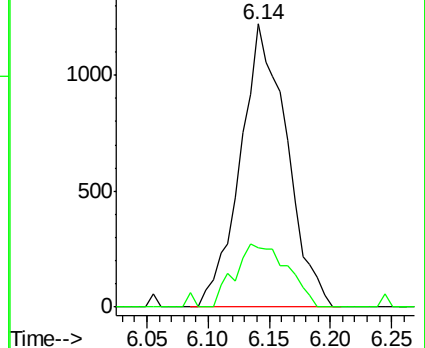
78 100

77 20.8 18.8 28.2



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#50

Toluene-d8

Concen: 49.691 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX009733.D

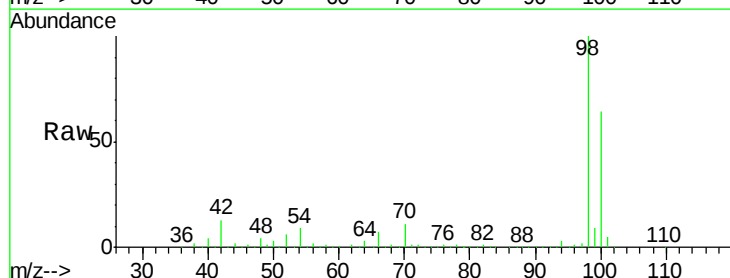
Acq: 20 May 2019 18:00

Tgt Ion: 98 Resp: 347033

Ion Ratio Lower Upper

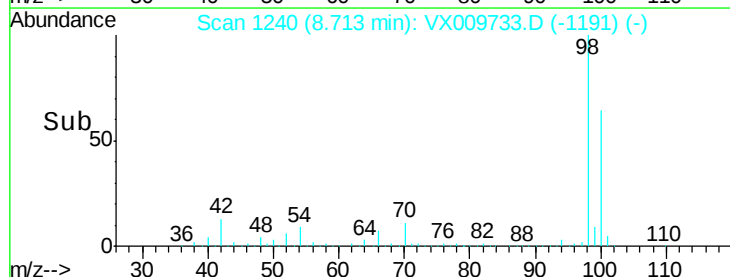
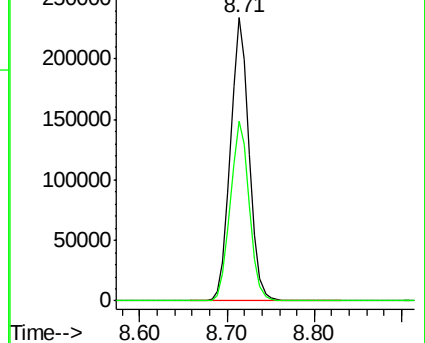
98 100

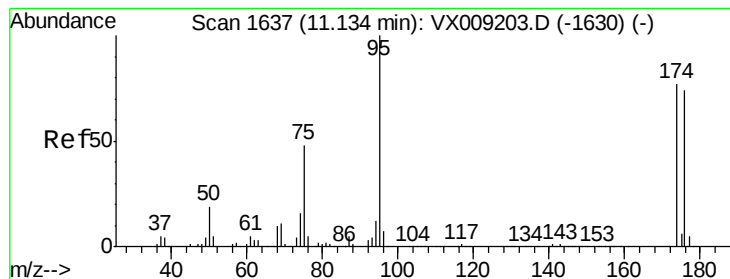
100 64.6 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 45.414 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009733.D

Acq: 20 May 2019 18:00

Instrument :

MSVOA_X

ClientSampleId :

S73-0225

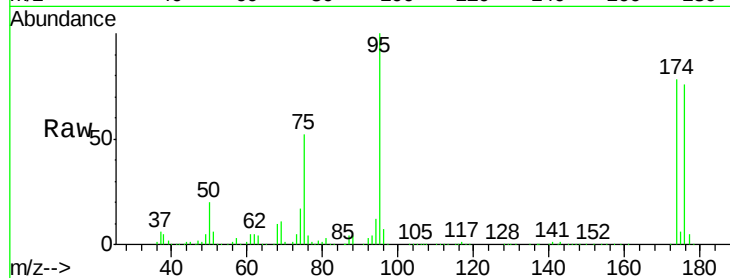
Tot Ion: 95 Resp: 115245

Ion Ratio Lower Upper

95 100

174 81.3 0.0 161.6

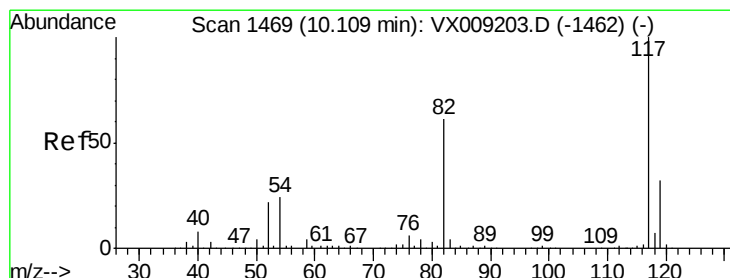
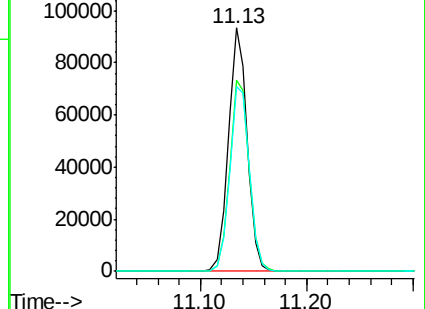
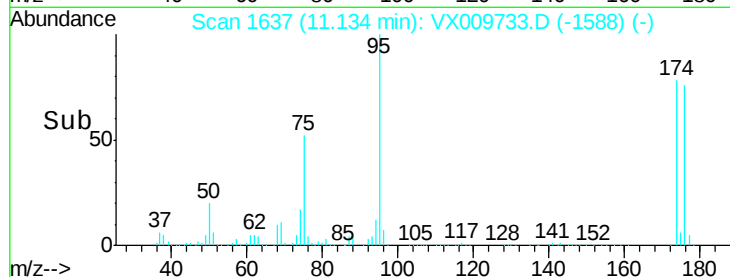
176 80.1 0.0 159.2



Abundance Ion 94.90 (94.60 to 95.60): VX009733.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX009733.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX009733.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX009733.D

Acq: 20 May 2019 18:00

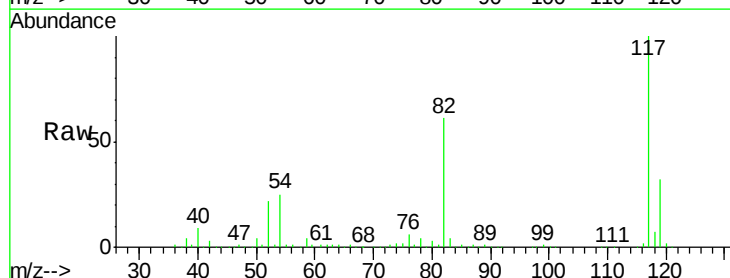
Tgt Ion: 117 Resp: 243666

Ion Ratio Lower Upper

117 100

82 61.1 48.8 73.2

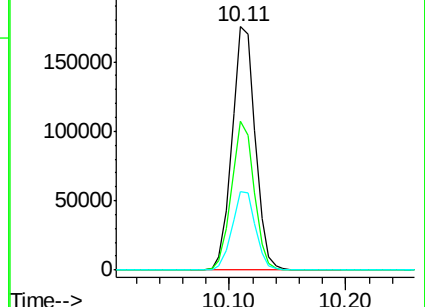
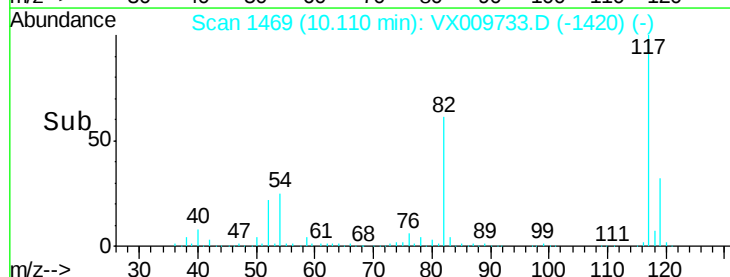
119 32.3 25.8 38.6

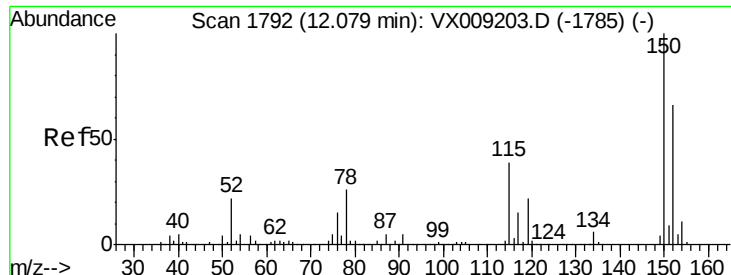


Abundance Ion 116.90 (116.60 to 117.60): VX009733.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX009733.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX009733.D (-1420) (-)

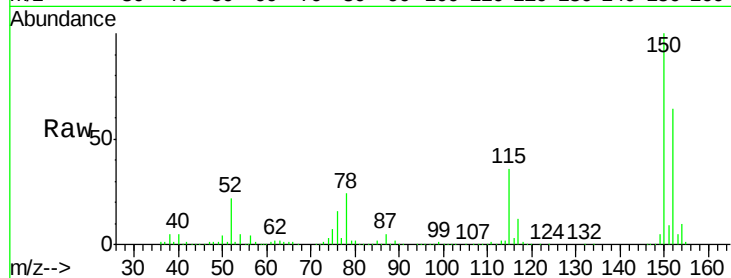




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX009733.D
 Acq: 20 May 2019 18:00

Instrument :
 MSVOA_X
 ClientSampleId :
 S73-0225

Tot Ion	Ratio	Lower	Upper
152	100		
115	58.0	41.2	123.6
150	155.2	0.0	346.4



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

