

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070819\
 Data File : VX010720.D
 Acq On : 09 Jul 2019 01:33
 Operator : JC/SP
 Sample : K3691-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WP022MW004-190705

Quant Time: Jul 09 07:36:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

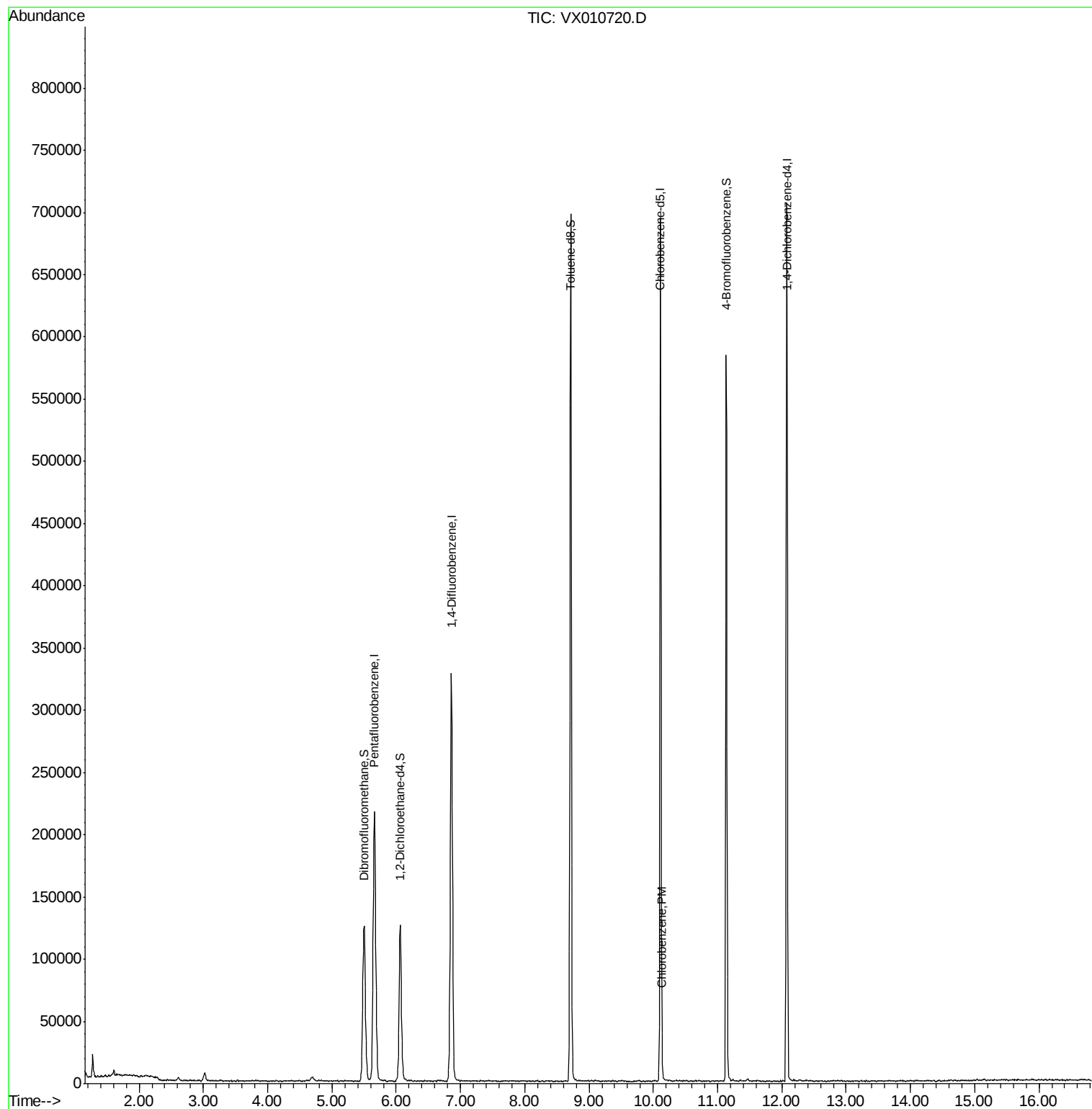
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	225007	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	351791	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	325222	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	151677	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	113549	53.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.64%	
35) Dibromofluoromethane	5.50	113	106700	49.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.14%	
50) Toluene-d8	8.71	98	419549	50.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.90%	
62) 4-Bromofluorobenzene	11.13	95	143805	48.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.74%	
Target Compounds						
65) Chlorobenzene	10.14	112	1798	0.272	ug/l #	Qvalue 81

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

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Instrument :

MSVOA_X

ClientSampleId :

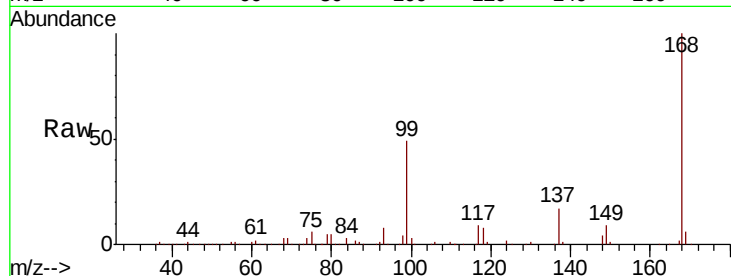
WP022MW004-190705

Tgt Ion:168 Resp: 225007

Ion Ratio Lower Upper

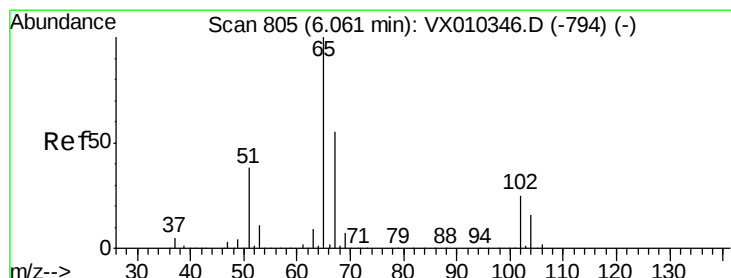
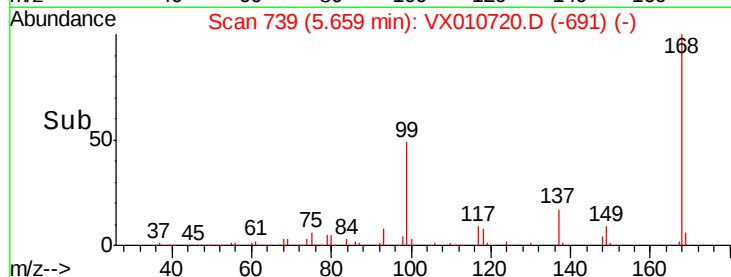
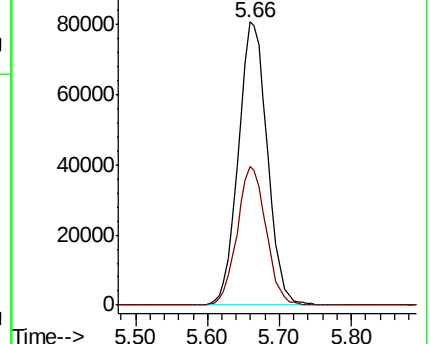
168 100

99 49.0 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 53.823 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010720.D

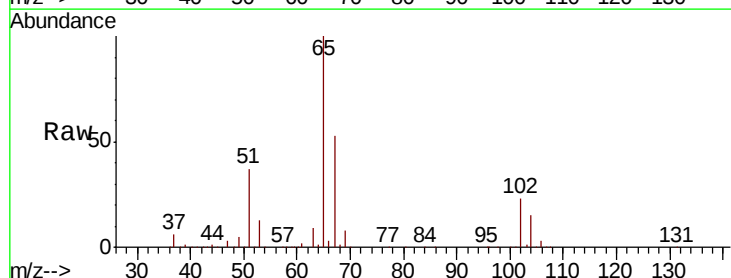
Acq: 09 Jul 2019 01:33

Tgt Ion: 65 Resp: 113549

Ion Ratio Lower Upper

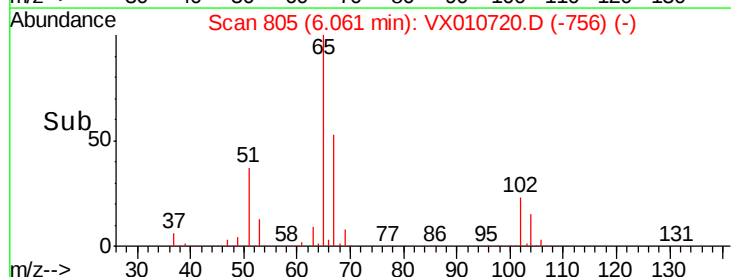
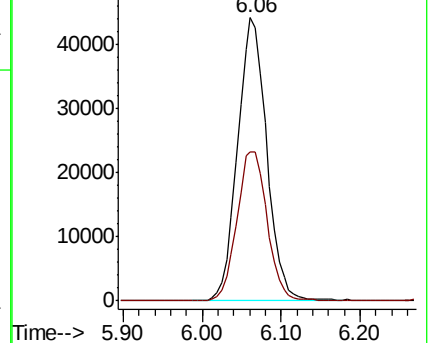
65 100

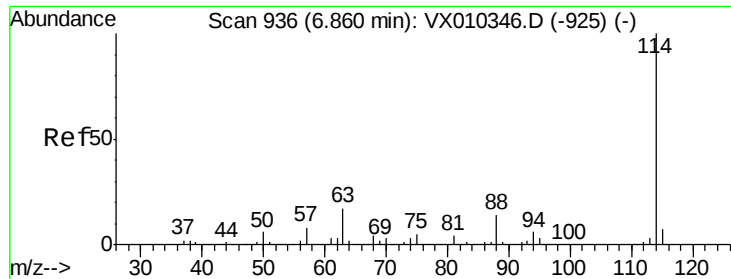
67 54.9 0.0 110.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

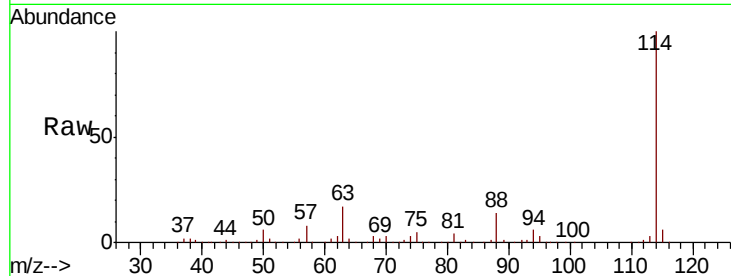




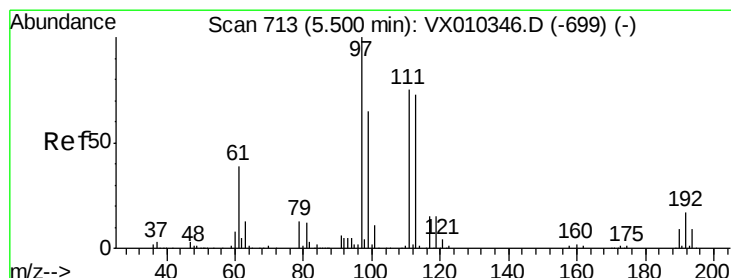
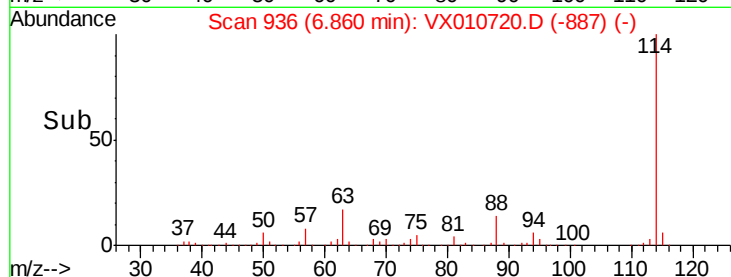
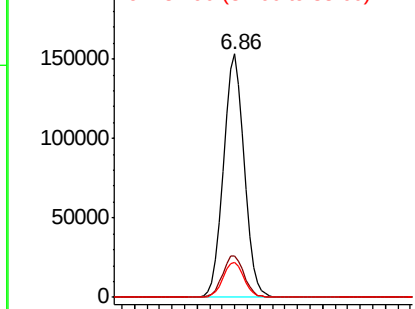
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX010720.D
Acq: 09 Jul 2019 01:33

Instrument :
MSVOA_X
ClientSampleId :
WP022MW004-190705

Tgt Ion:114 Resp: 351791
Ion Ratio Lower Upper
114 100
63 16.8 0.0 33.8
88 14.2 0.0 27.6

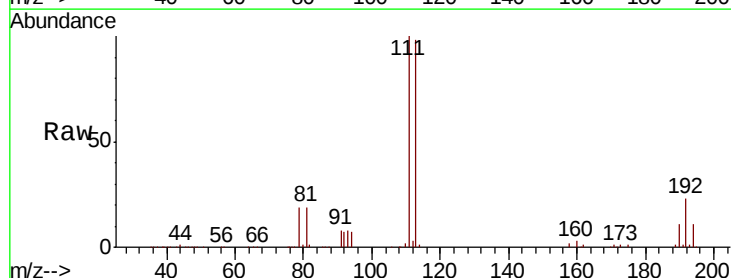


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0

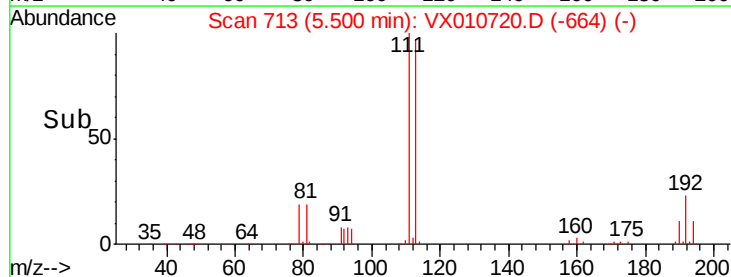
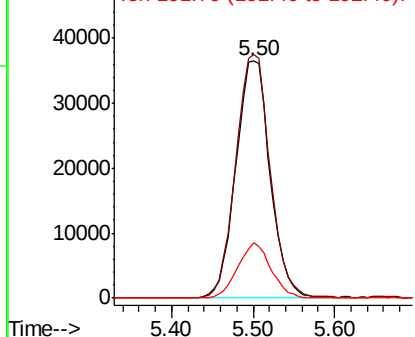


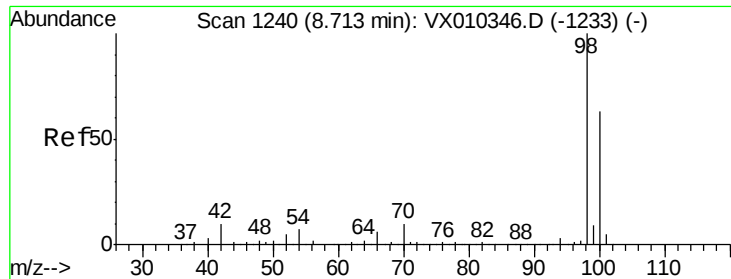
#35
Dibromofluoromethane
Concen: 49.573 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX010720.D
Acq: 09 Jul 2019 01:33

Tgt Ion:113 Resp: 106700
Ion Ratio Lower Upper
113 100
111 102.7 81.2 121.8
192 22.6 18.6 27.8



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: 50.949 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010720.D

Acq: 09 Jul 2019 01:33

Instrument :

MSVOA_X

ClientSampleId :

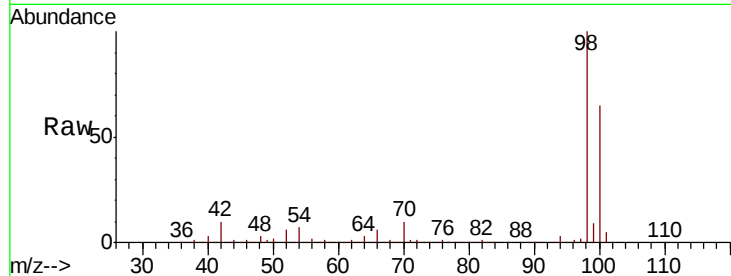
WP022MW004-190705

Tgt Ion: 98 Resp: 419549

Ion Ratio Lower Upper

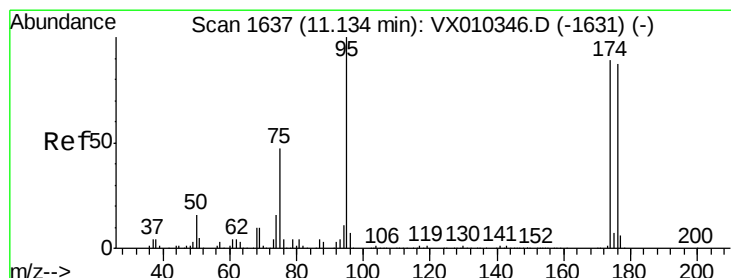
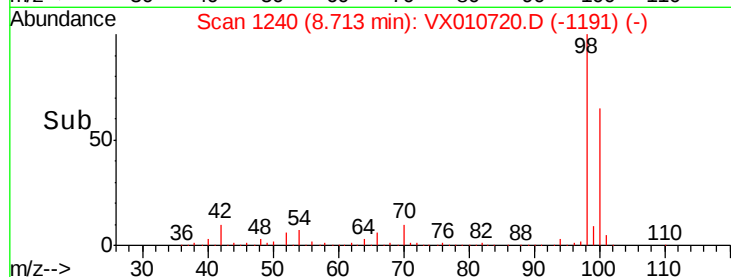
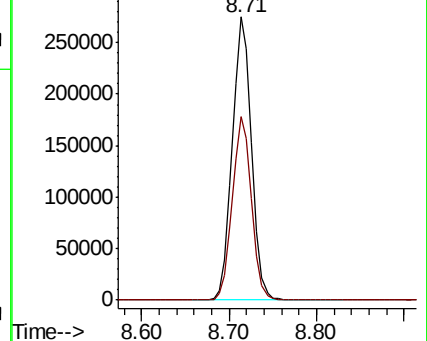
98 100

100 64.4 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 48.372 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010720.D

Acq: 09 Jul 2019 01:33

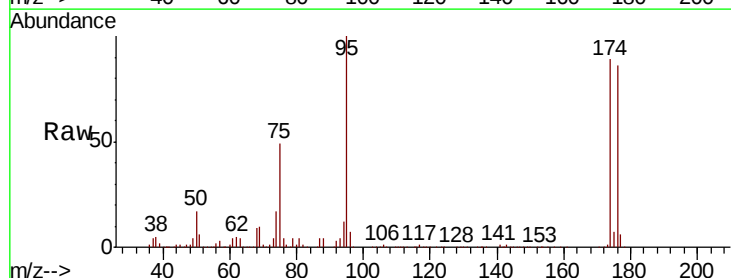
Tgt Ion: 95 Resp: 143805

Ion Ratio Lower Upper

95 100

174 94.1 0.0 187.6

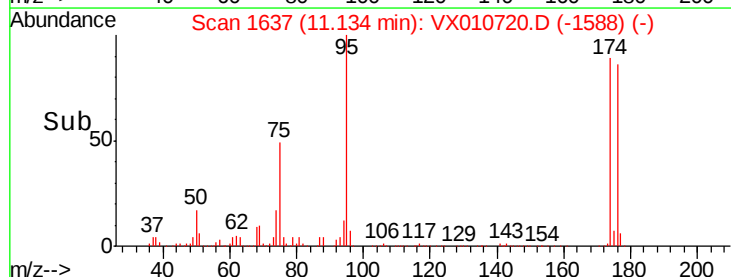
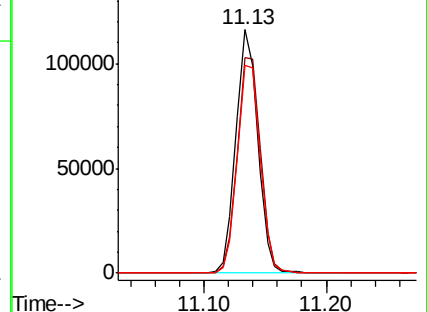
176 89.7 0.0 184.0

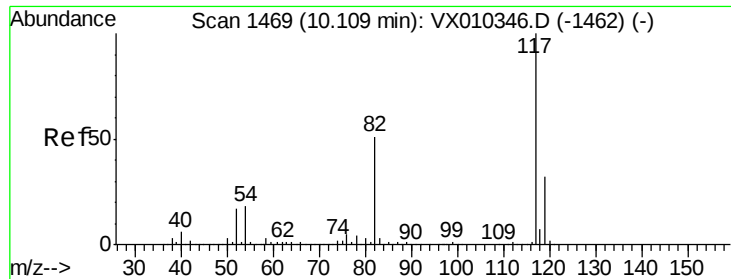


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

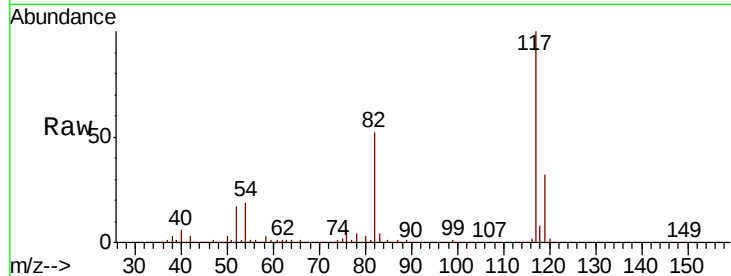




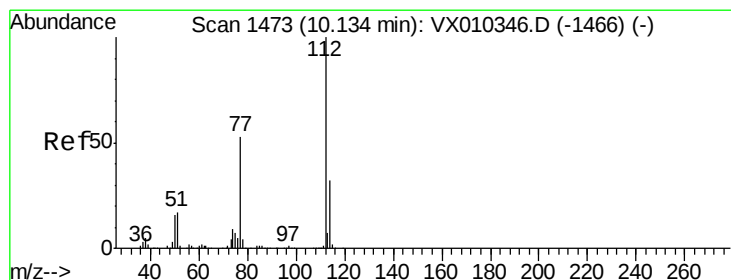
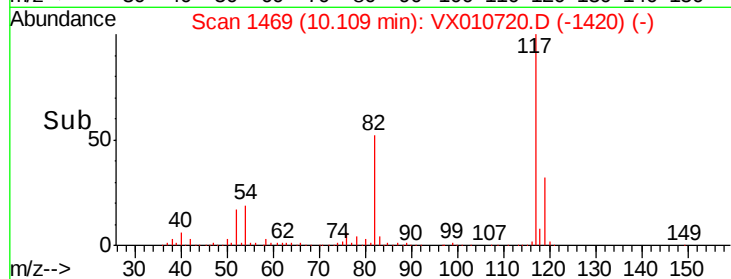
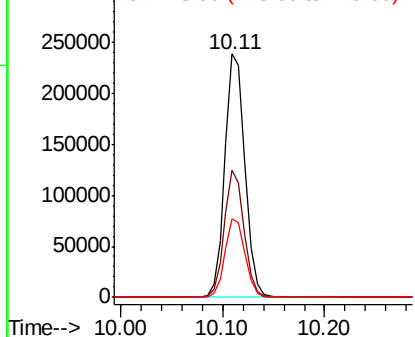
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010720.D
Acq: 09 Jul 2019 01:33

Instrument :
MSVOA_X
ClientSampleId :
WP022MW004-190705

Tgt Ion:117 Resp: 325222
Ion Ratio Lower Upper
117 100
82 52.5 41.2 61.8
119 32.2 25.5 38.3

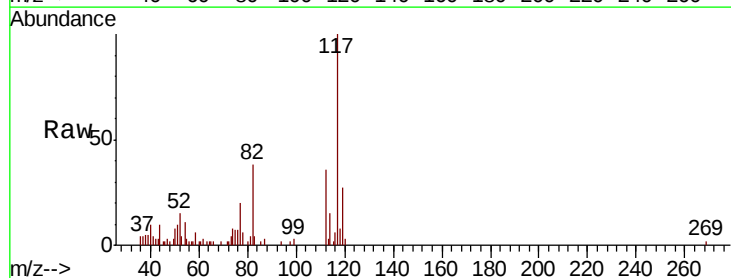


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

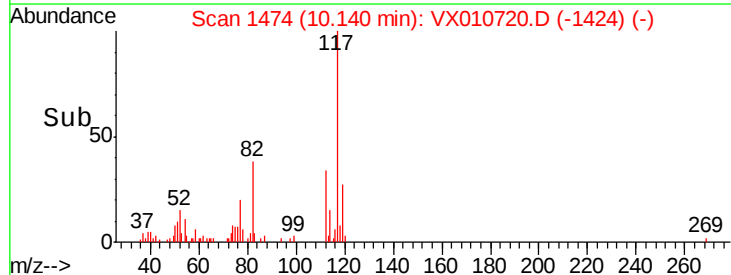
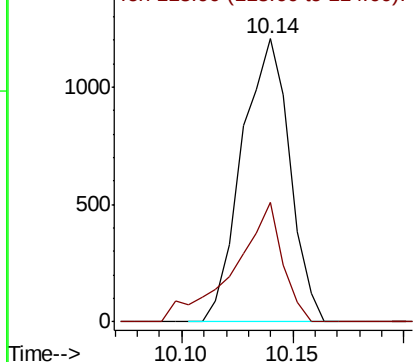


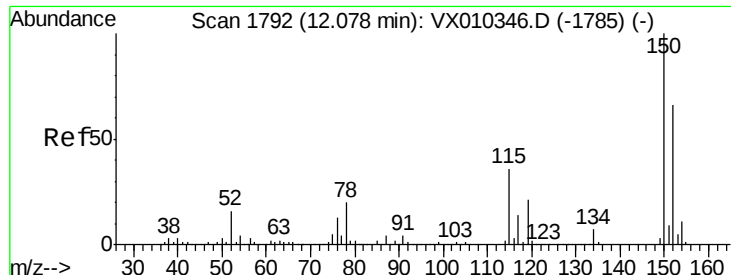
#65
Chlorobenzene
Concen: 0.272 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX010720.D
Acq: 09 Jul 2019 01:33

Tgt Ion:112 Resp: 1798
Ion Ratio Lower Upper
112 100
114 42.2 25.4 38.2#



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V

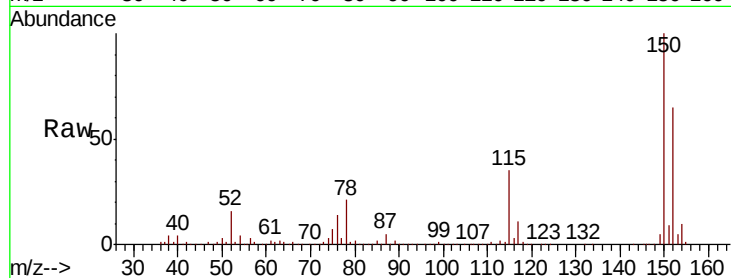




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX010720.D
 Acq: 09 Jul 2019 01:33

Instrument :
 MSVOA_X
 ClientSampleId :
 WP022MW004-190705

Tgt Ion:152 Resp: 151677
 Ion Ratio Lower Upper
 152 100
 115 54.9 38.6 115.7
 150 154.8 0.0 347.4



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

