

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070219\
 Data File : VX010621.D
 Acq On : 02 Jul 2019 16:47
 Operator : JC/SP
 Sample : K3636-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SP19-JMW0961

Quant Time: Jul 03 03:50:43 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

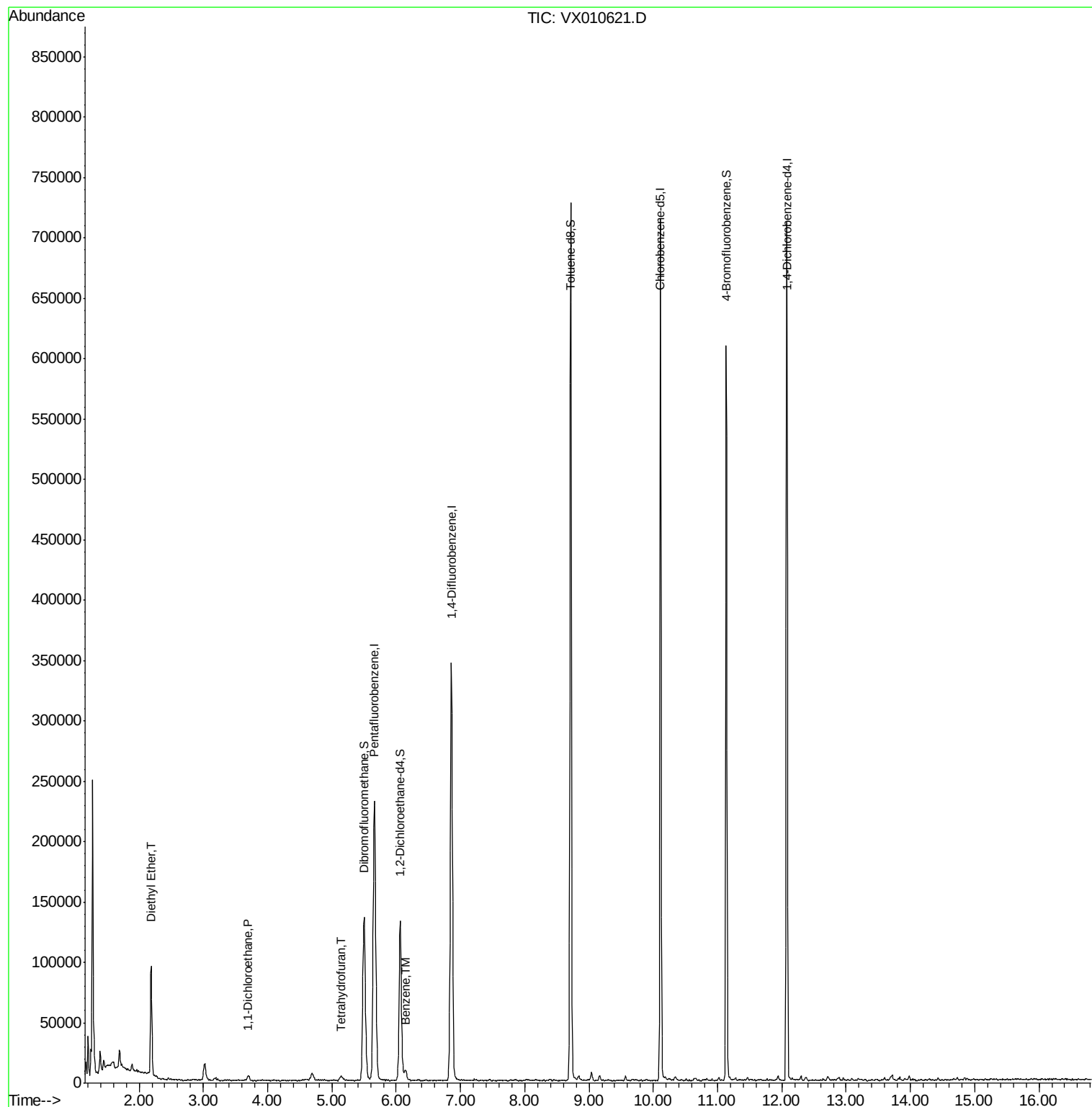
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	243555	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	372033	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	342663	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	158818	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	118127	51.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.46%	
35) Dibromofluoromethane	5.50	113	114671	50.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.76%	
50) Toluene-d8	8.71	98	441951	50.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.50%	
62) 4-Bromofluorobenzene	11.13	95	149838	47.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.32%	
Target Compounds						
8) Diethyl Ether	2.19	74	29879	24.337	ug/l	98
24) 1,1-Dichloroethane	3.70	63	4153	1.147	ug/l	96
29) Tetrahydrofuran	5.13	42	3386	3.256	ug/l #	89
40) Benzene	6.14	78	10081	1.095	ug/l #	87

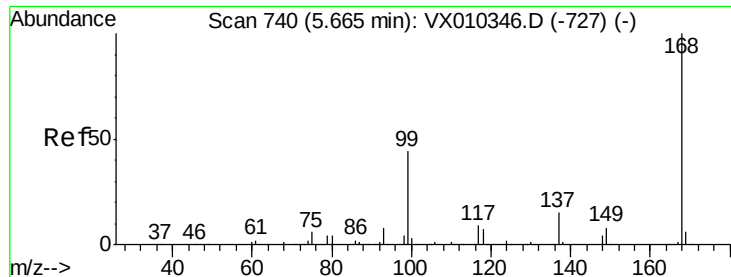
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX070219\
Data File : VX010621.D
Acq On : 02 Jul 2019 16:47
Operator : JC/SP
Sample : K3636-02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SP19-JMW0961

Quant Time: Jul 03 03:50:43 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010621.D

Acq: 02 Jul 2019 16:47

Instrument :

MSVOA_X

ClientSampleId :

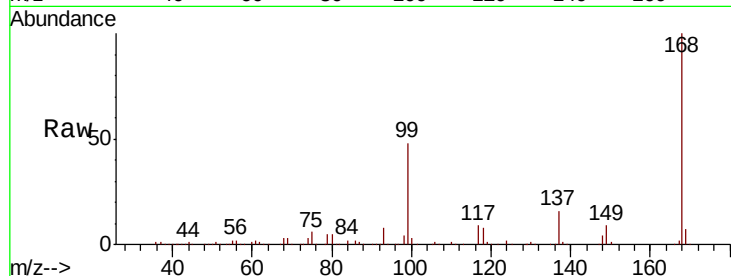
SP19-JMW0961

Tot Ion:168 Resp: 243555

Ion Ratio Lower Upper

168 100

99 47.9 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

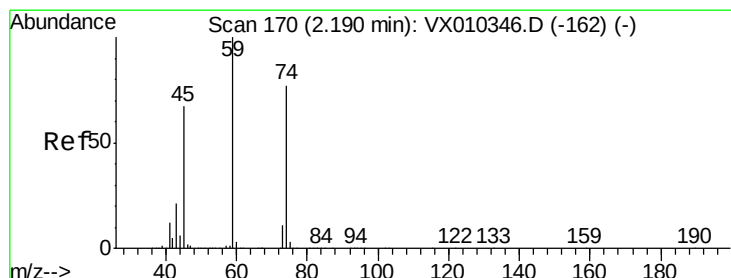
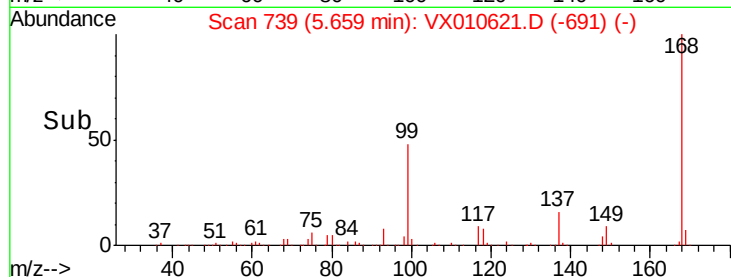
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#8

Diethyl Ether

Concen: 24.337 ug/l

RT: 2.19 min Scan# 170

Delta R.T. 0.00 min

Lab File: VX010621.D

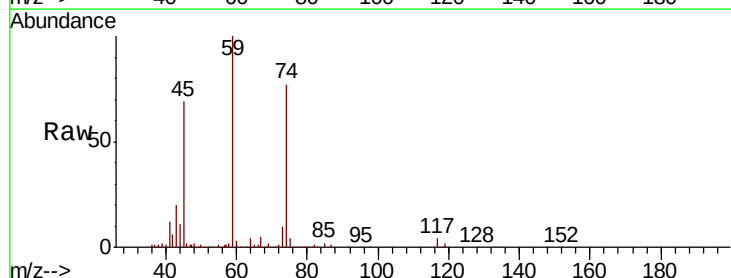
Acq: 02 Jul 2019 16:47

Tgt Ion: 74 Resp: 29879

Ion Ratio Lower Upper

74 100

45 91.5 44.8 134.4



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

25000

20000

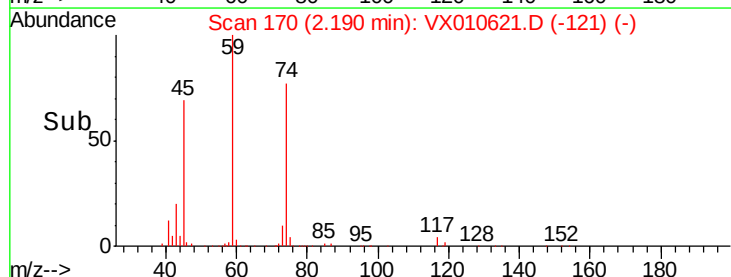
15000

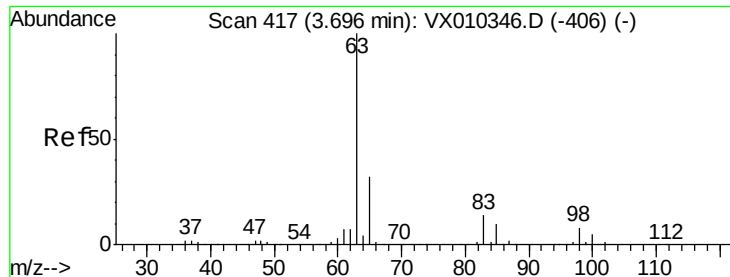
10000

5000

0

Time--> 2.10 2.15 2.20 2.25 2.30





#24

1,1-Dichloroethane

Concen: 1.147 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX010621.D

Acq: 02 Jul 2019 16:47

Instrument :

MSVOA_X

ClientSampleId :

SP19-JMW0961

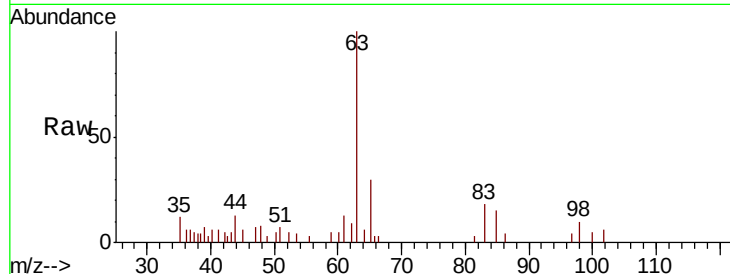
Tot Ion: 63 Resp: 4153

Ion Ratio Lower Upper

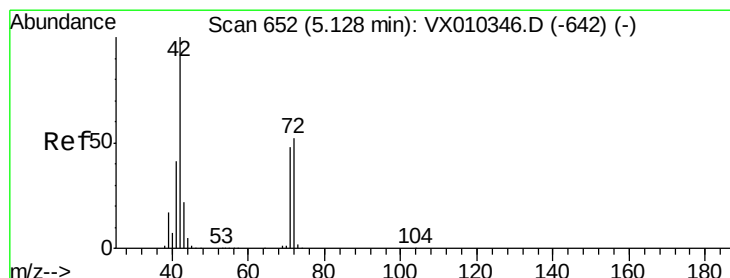
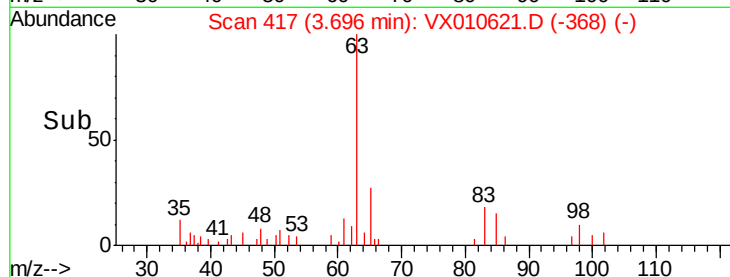
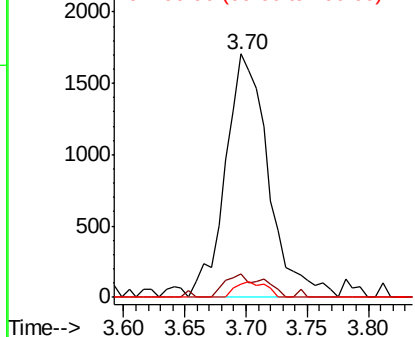
63 100

98 9.8 3.9 11.7

100 5.2 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VX0
Ion 97.90 (97.60 to 98.60): VX0
Ion 99.90 (99.60 to 100.60): VX0



#29

Tetrahydrofuran

Concen: 3.256 ug/l

RT: 5.13 min Scan# 653

Delta R.T. 0.01 min

Lab File: VX010621.D

Acq: 02 Jul 2019 16:47

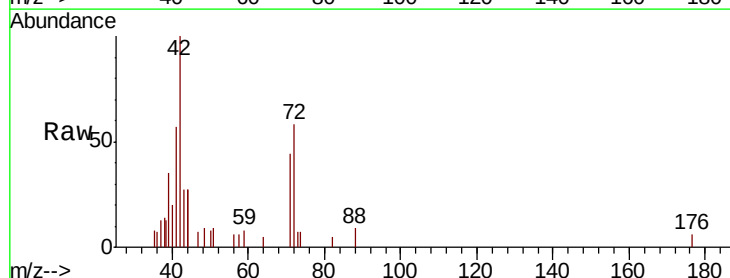
Tgt Ion: 42 Resp: 3386

Ion Ratio Lower Upper

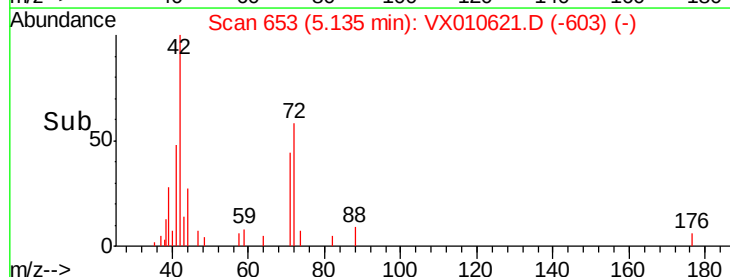
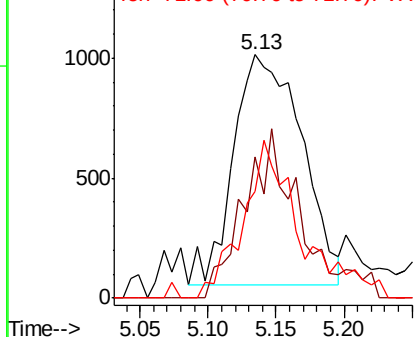
42 100

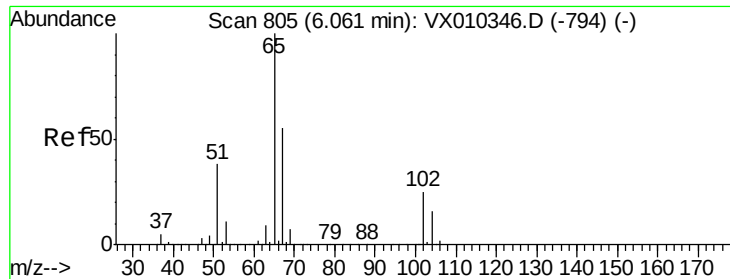
72 55.6 40.6 60.8

71 57.4 37.8 56.8#



Abundance Ion 42.00 (41.70 to 42.70): VX0
Ion 72.00 (71.70 to 72.70): VX0
Ion 71.00 (70.70 to 71.70): VX0

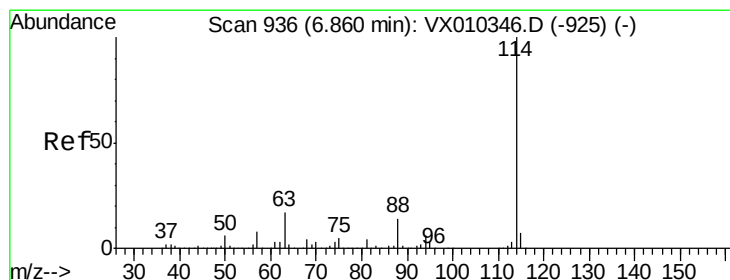
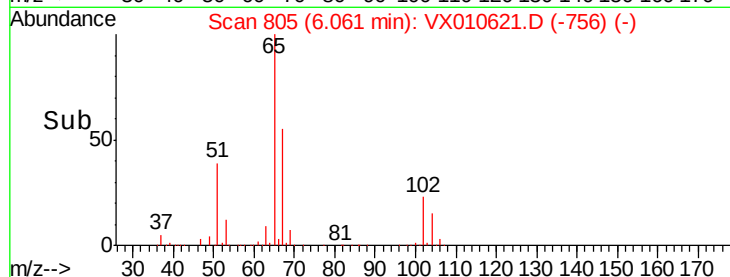
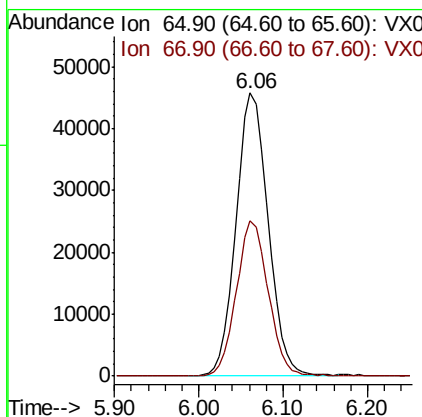
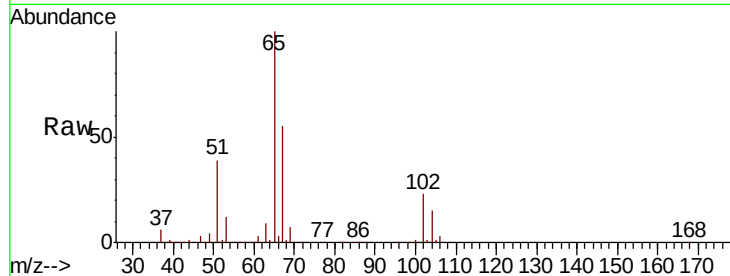




#33
 1,2-Dichloroethane-d4
 Concen: 51.729 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010621.D
 Acq: 02 Jul 2019 16:47

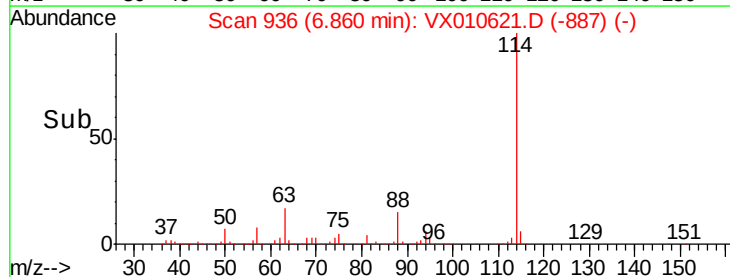
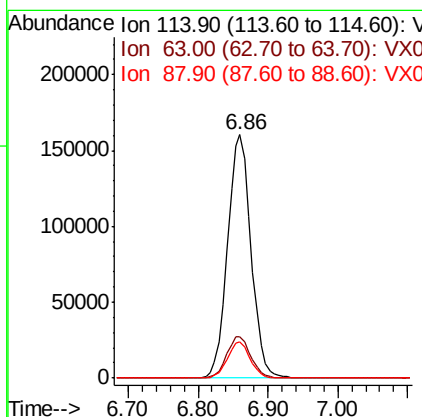
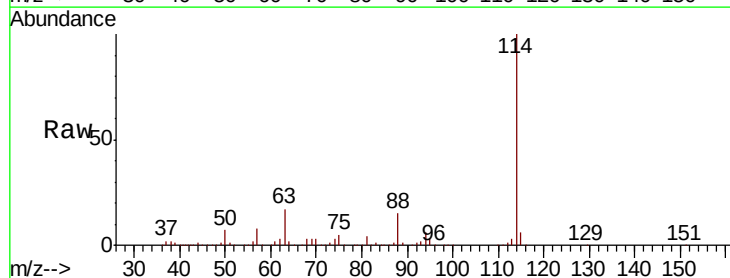
Instrument :
 MSVOA_X
 ClientSampleId :
 SP19-JMW0961

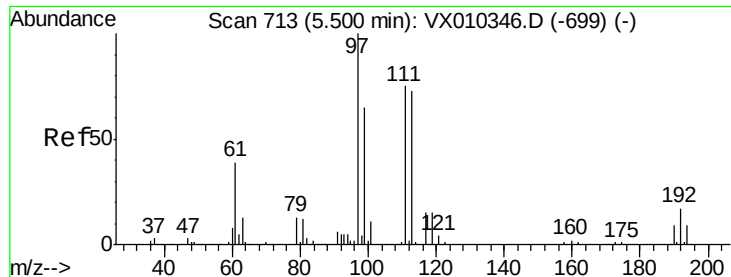
Tot Ion: 65 Resp: 118127
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 110.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010621.D
 Acq: 02 Jul 2019 16:47

Tgt Ion: 114 Resp: 372033
 Ion Ratio Lower Upper
 114 100
 63 17.0 0.0 33.8
 88 15.0 0.0 27.6





#35

Dibromofluoromethane

Concen: 50.378 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010621.D

Acq: 02 Jul 2019 16:47

Instrument :

MSVOA_X

ClientSampleId :

SP19-JMW0961

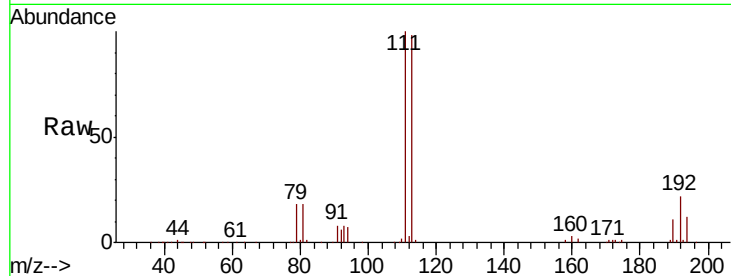
Tot Ion:113 Resp: 114671

Ion Ratio Lower Upper

113 100

111 102.2 81.2 121.8

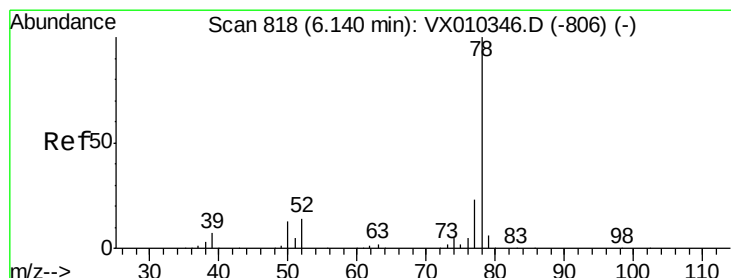
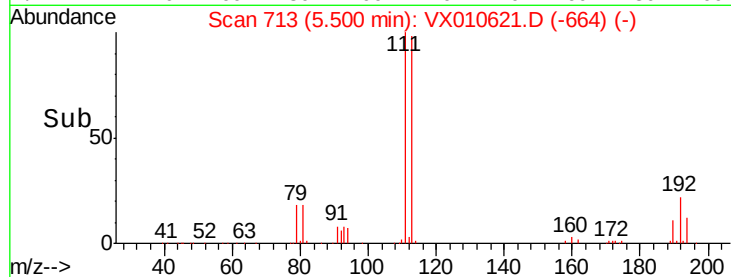
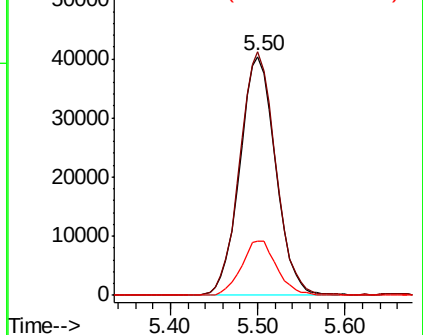
192 22.5 18.6 27.8



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



#40

Benzene

Concen: 1.095 ug/l

RT: 6.14 min Scan# 818

Delta R.T. 0.00 min

Lab File: VX010621.D

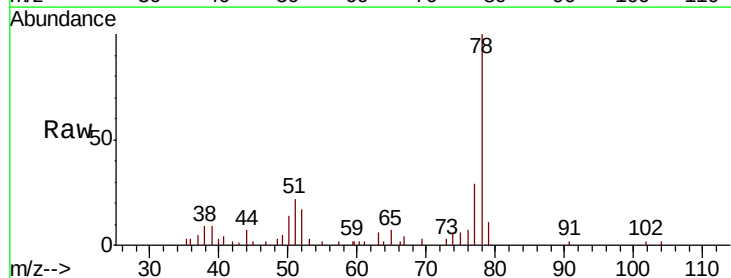
Acq: 02 Jul 2019 16:47

Tgt Ion: 78 Resp: 10081

Ion Ratio Lower Upper

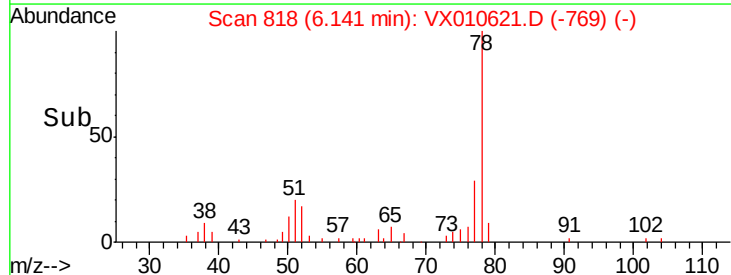
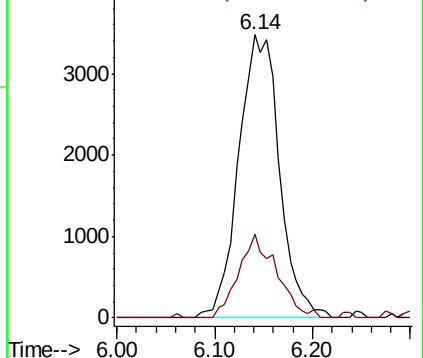
78 100

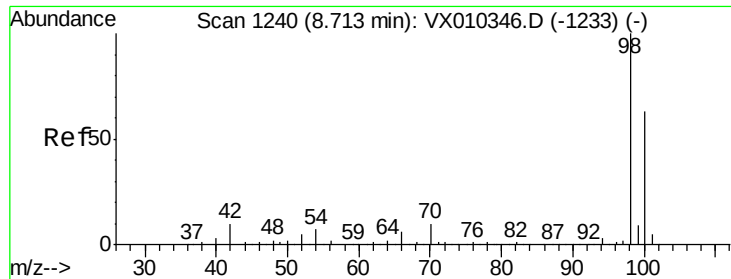
77 29.5 18.6 28.0#



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

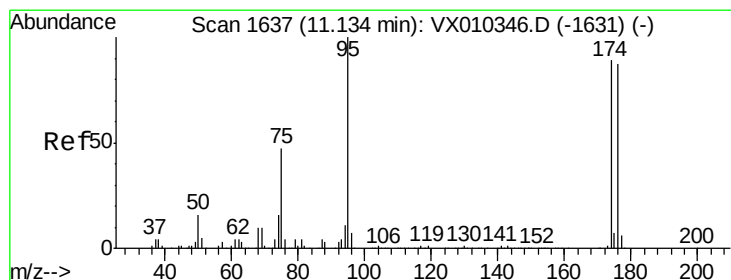
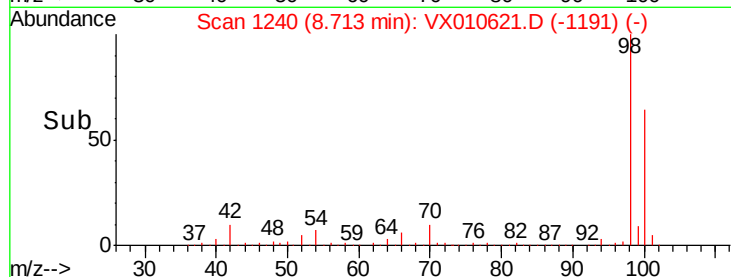
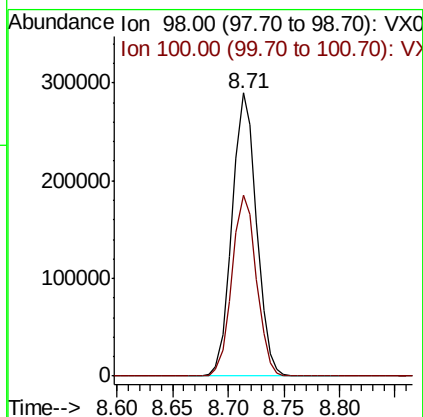
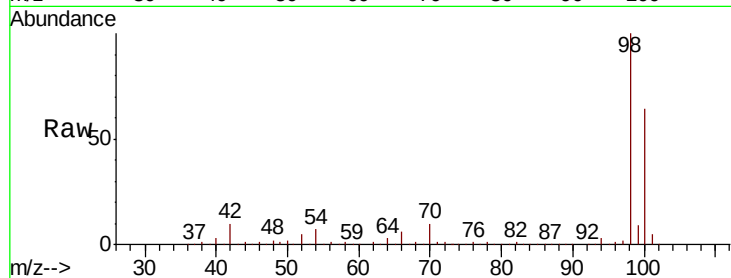




#50
Toluene-d8
Concen: 50.750 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010621.D
Acq: 02 Jul 2019 16:47

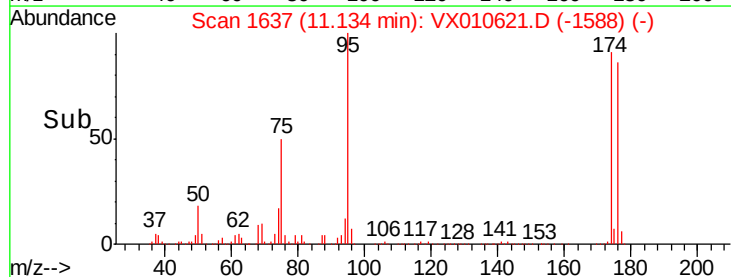
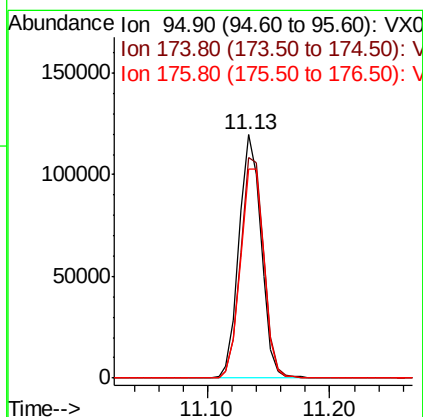
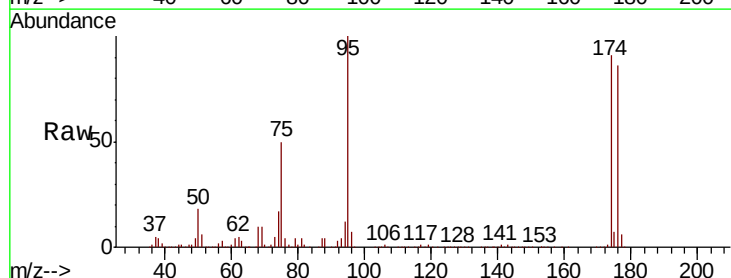
Instrument :
MSVOA_X
ClientSampleId :
SP19-JMW0961

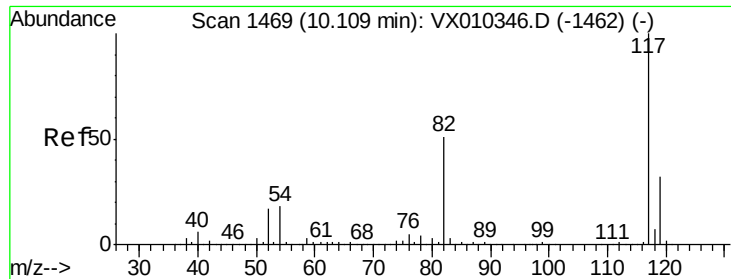
Tot Ion: 98 Resp: 441951
Ion Ratio Lower Upper
98 100
100 64.0 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 47.659 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010621.D
Acq: 02 Jul 2019 16:47

Tgt Ion: 95 Resp: 149838
Ion Ratio Lower Upper
95 100
174 94.7 0.0 187.6
176 91.1 0.0 184.0

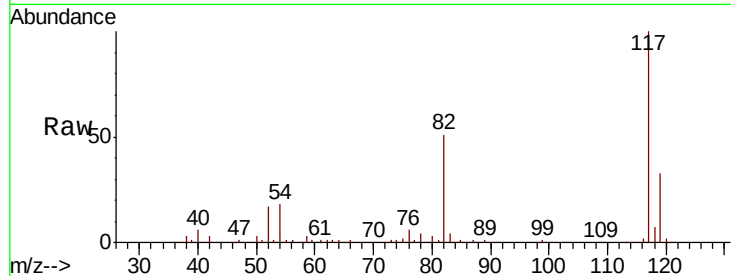




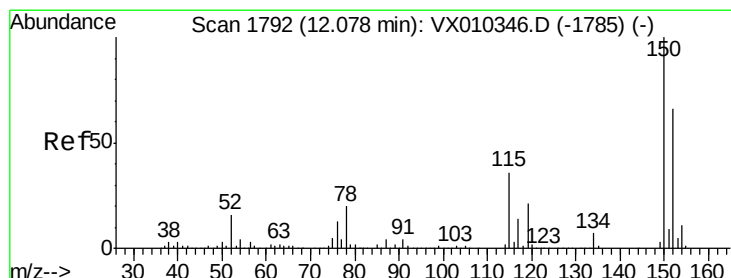
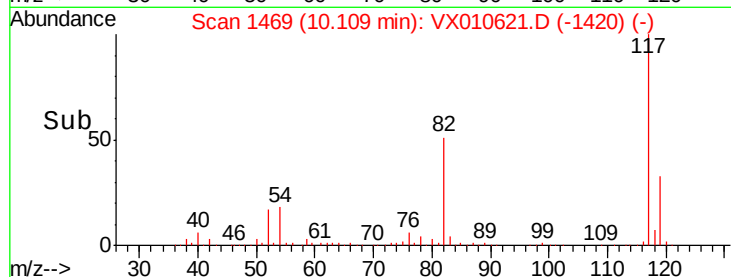
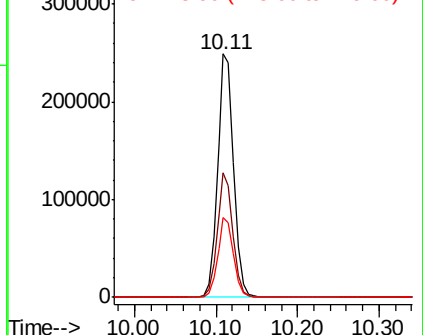
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010621.D
Acq: 02 Jul 2019 16:47

Instrument :
MSVOA_X
ClientSampleId :
SP19-JMW0961

Tot Ion:117 Resp: 342663
Ion Ratio Lower Upper
117 100
82 51.0 41.2 61.8
119 32.5 25.5 38.3

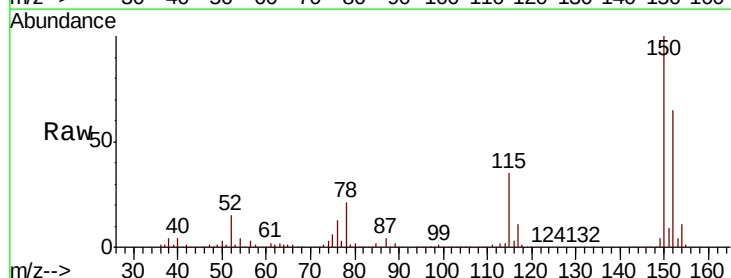


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010621.D
Acq: 02 Jul 2019 16:47

Tgt Ion:152 Resp: 158818
Ion Ratio Lower Upper
152 100
115 55.8 38.6 115.7
150 156.5 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

