

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061819\
 Data File : VX010339.D
 Acq On : 18 Jun 2019 13:39
 Operator : JC/SP
 Sample : K3427-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 KY038PS036-190617

Quant Time: Jun 19 01:39:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 02:12:13 2019
 Response via : Initial Calibration

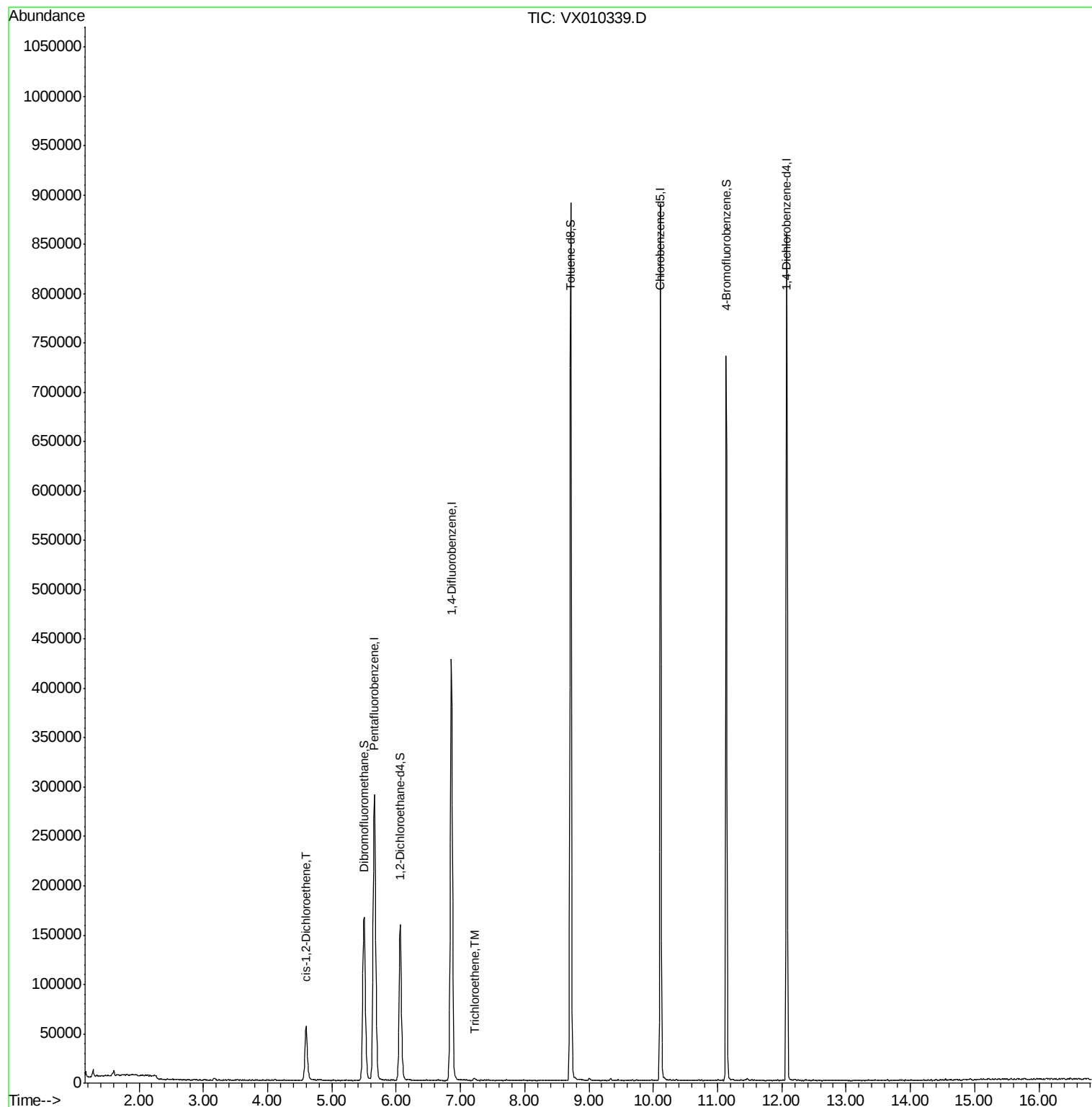
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	309649	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	470252	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	424118	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	192616	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	142523	47.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.30%	
35) Dibromofluoromethane	5.50	113	142633	49.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.34%	
50) Toluene-d8	8.71	98	548850	50.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.98%	
62) 4-Bromofluorobenzene	11.13	95	184068	45.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.68%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.60	96	38276	11.178	ug/l	69
44) Trichloroethene	7.22	130	1085	0.303	ug/l	62

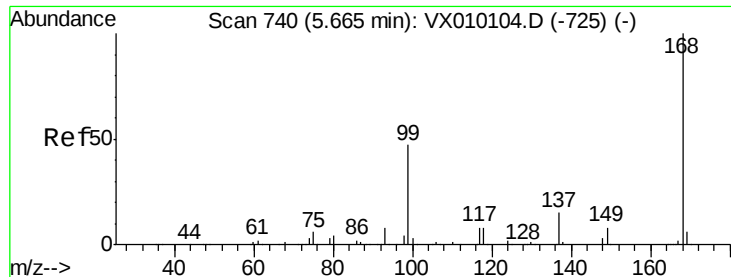
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010339.D

Acq: 18 Jun 2019 13:39

Instrument :

MSVOA_X

ClientSampleId :

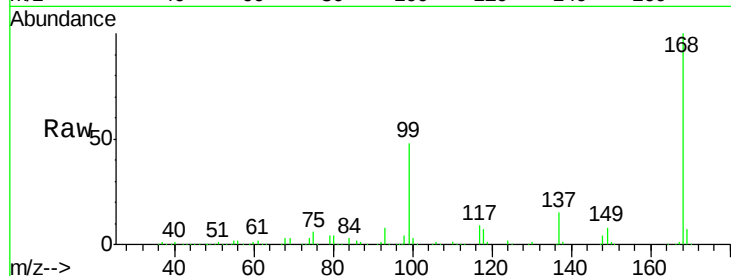
KY038PS036-190617

Tot Ion:168 Resp: 309649

Ion Ratio Lower Upper

168 100

99 47.5 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

120000

100000

80000

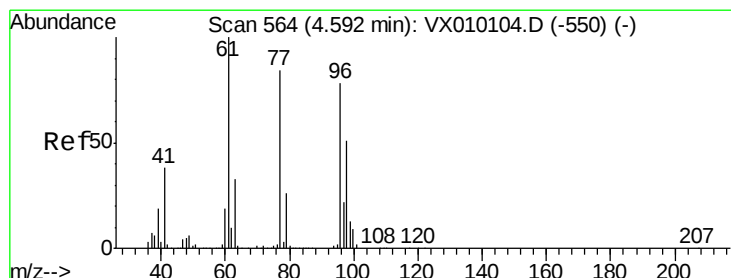
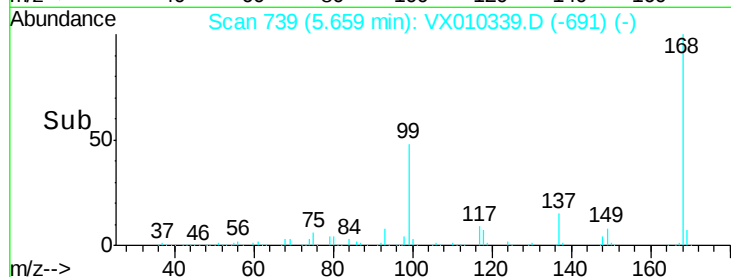
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#27

cis-1,2-Dichloroethene

Concen: 11.178 ug/l

RT: 4.60 min Scan# 565

Delta R.T. 0.01 min

Lab File: VX010339.D

Acq: 18 Jun 2019 13:39

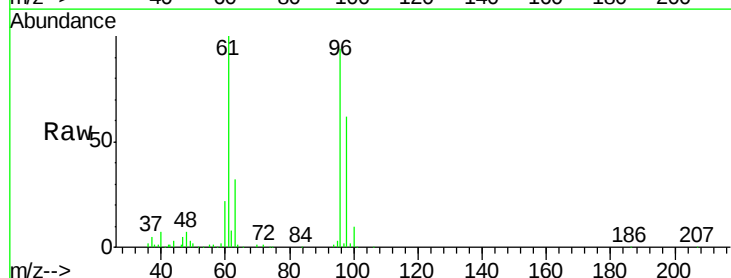
Tgt Ion: 96 Resp: 38276

Ion Ratio Lower Upper

96 100

61 108.5 0.0 334.0

98 65.0 0.0 131.6



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

20000

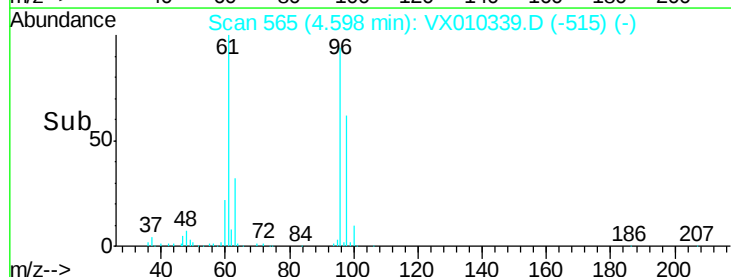
15000

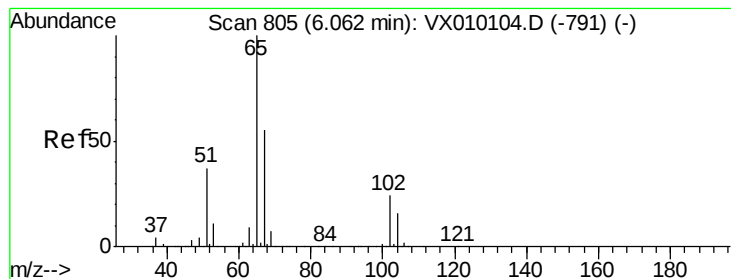
10000

5000

0

Time--> 4.50 4.60 4.70





#33

1,2-Dichloroethane-d4

Concen: 47.154 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010339.D

Acq: 18 Jun 2019 13:39

Instrument :

MSVOA_X

ClientSampleId :

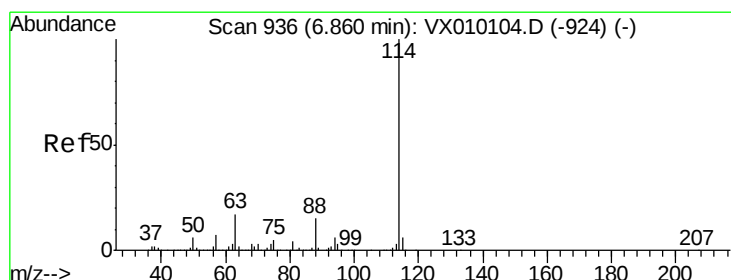
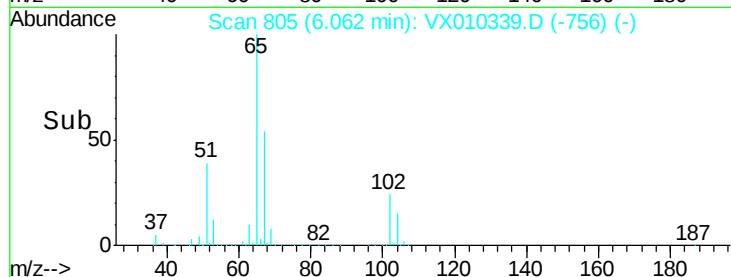
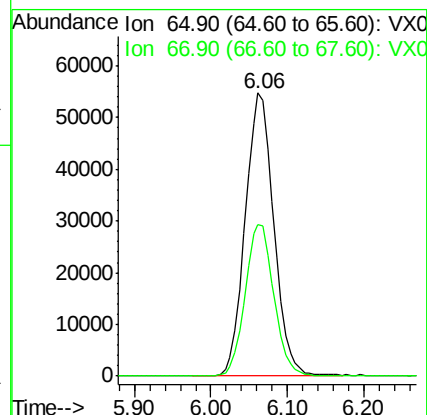
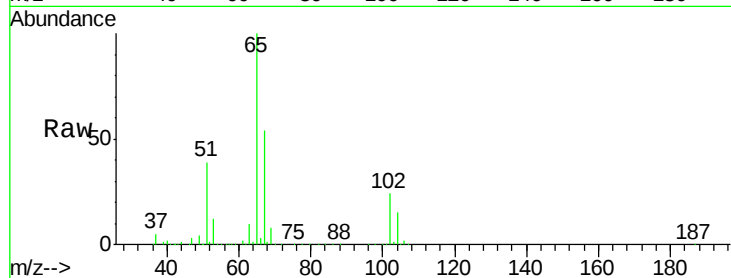
KY038PS036-190617

Tot Ion: 65 Resp: 142523

Ion Ratio Lower Upper

65 100

67 53.7 0.0 108.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX010339.D

Acq: 18 Jun 2019 13:39

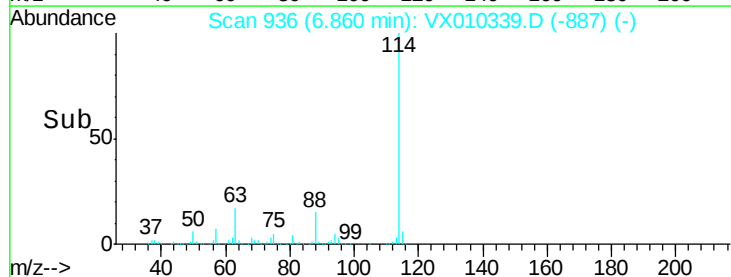
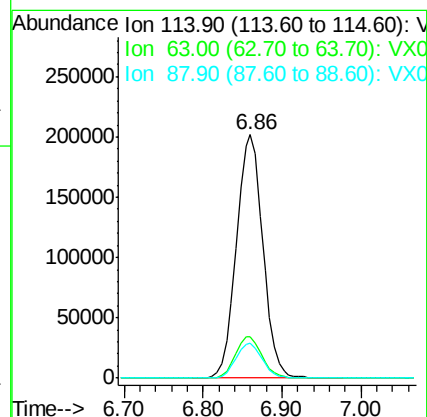
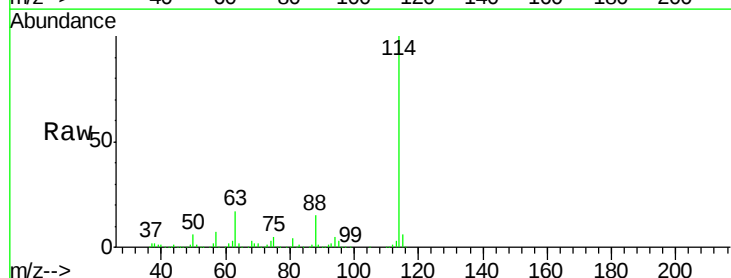
Tgt Ion: 114 Resp: 470252

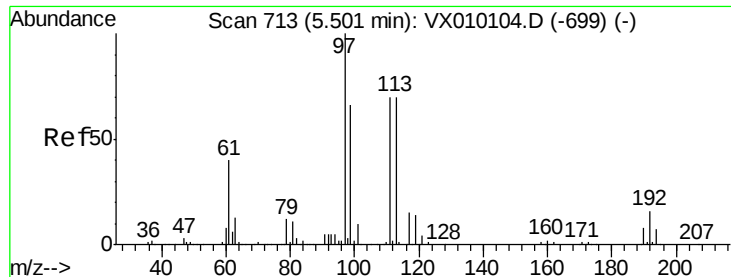
Ion Ratio Lower Upper

114 100

63 17.2 0.0 47.4

88 14.6 0.0 33.0





#35

Dibromofluoromethane

Concen: 49.173 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010339.D

Acq: 18 Jun 2019 13:39

Instrument :

MSVOA_X

ClientSampleId :

KY038PS036-190617

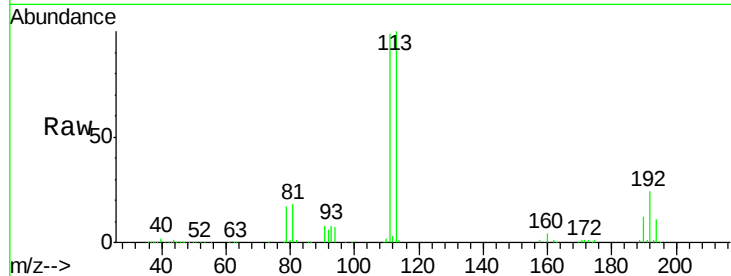
Tot Ion:113 Resp: 142633

Ion Ratio Lower Upper

113 100

111 101.4 82.2 123.2

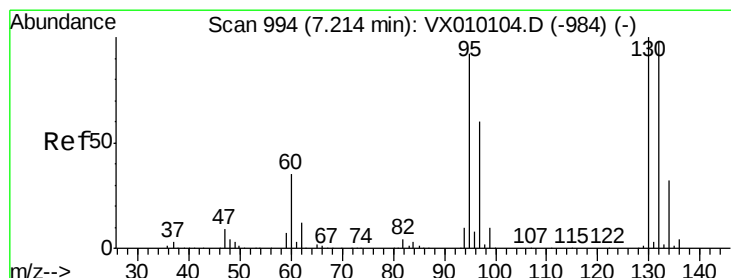
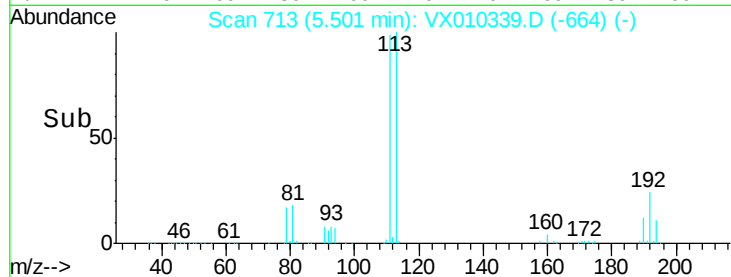
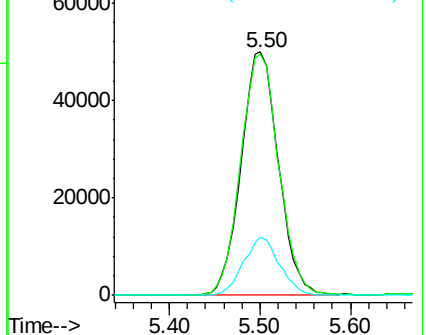
192 23.2 17.1 25.7



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



#44

Trichloroethene

Concen: 0.303 ug/l

RT: 7.22 min Scan# 995

Delta R.T. 0.01 min

Lab File: VX010339.D

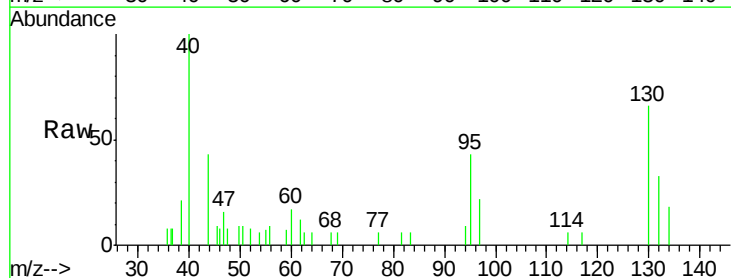
Acq: 18 Jun 2019 13:39

Tgt Ion:130 Resp: 1085

Ion Ratio Lower Upper

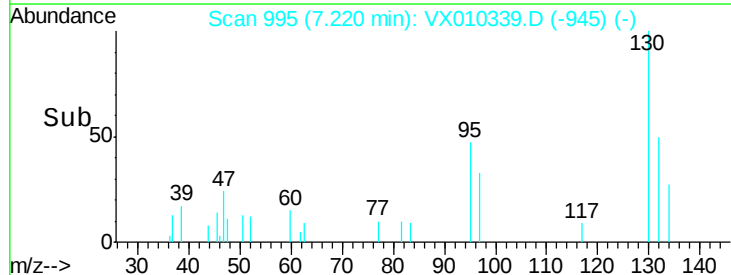
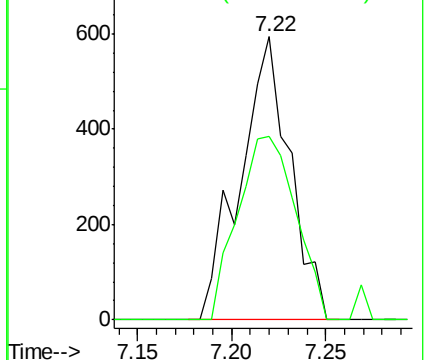
130 100

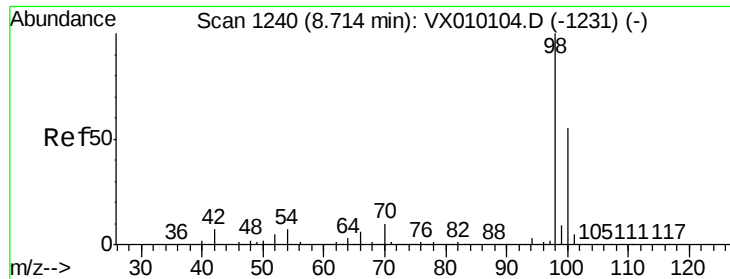
95 64.6 0.0 207.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#50

Toluene-d8

Concen: 50.487 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010339.D

Acq: 18 Jun 2019 13:39

Instrument :

MSVOA_X

ClientSampleId :

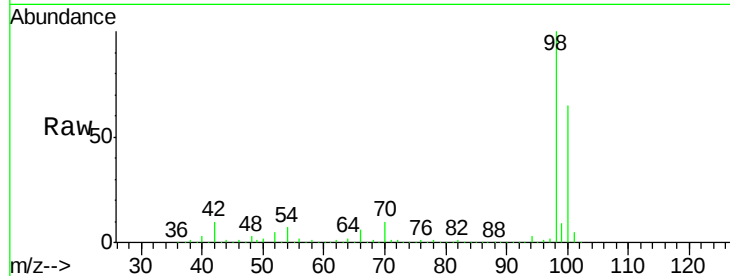
KY038PS036-190617

Tot Ion: 98 Resp: 548850

Ion Ratio Lower Upper

98 100

100 64.3 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

8.71

400000

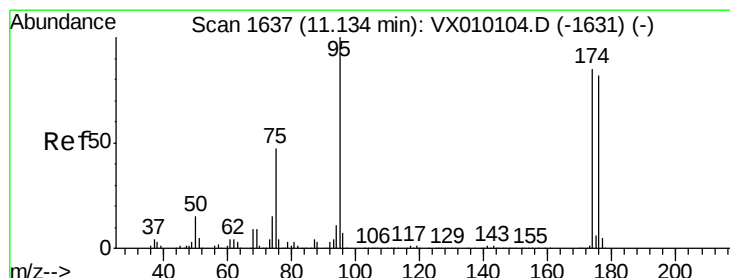
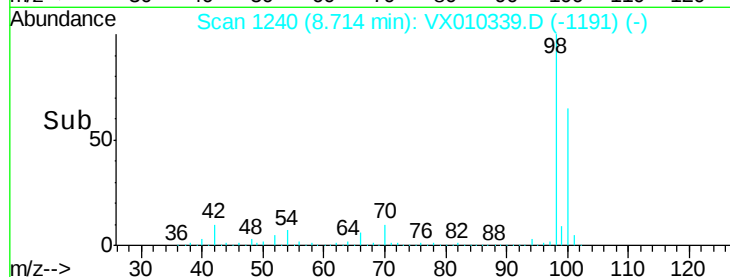
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 45.338 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010339.D

Acq: 18 Jun 2019 13:39

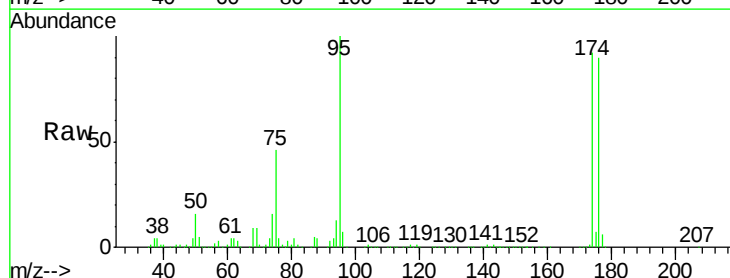
Tgt Ion: 95 Resp: 184068

Ion Ratio Lower Upper

95 100

174 94.8 0.0 160.4

176 93.1 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

11.13

200000

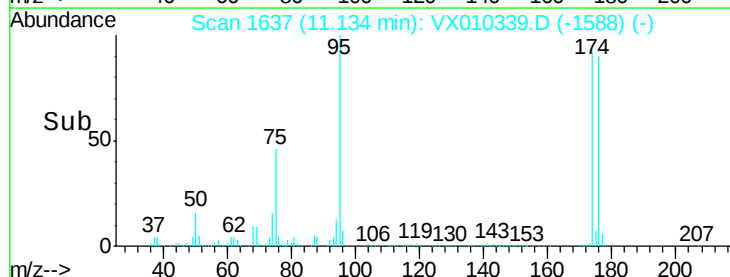
150000

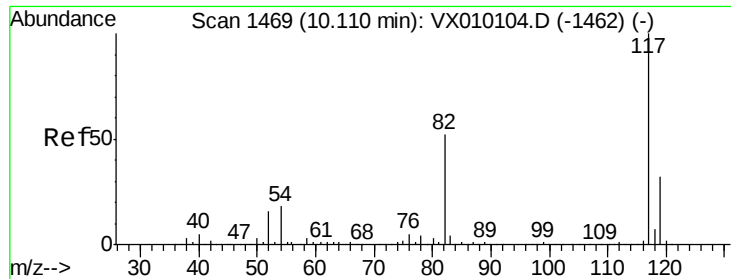
100000

50000

0

Time-->

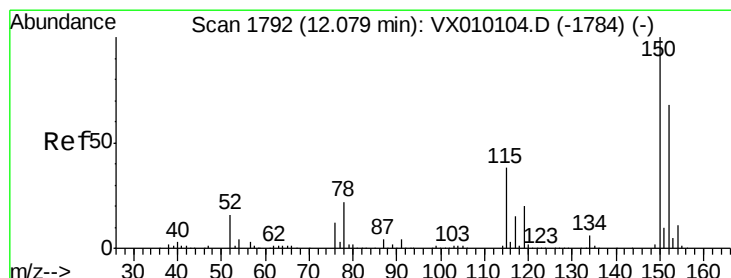
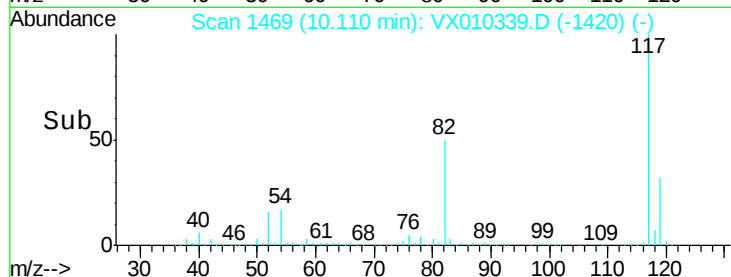
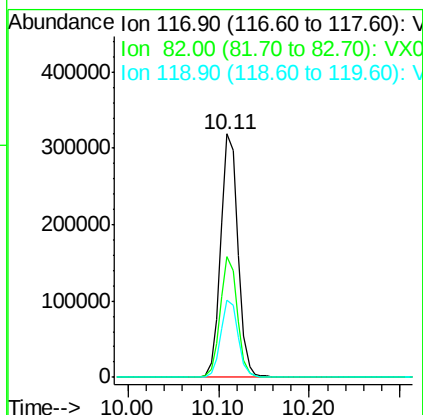
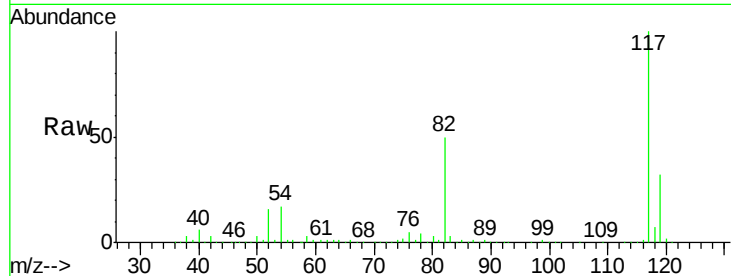




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010339.D
Acq: 18 Jun 2019 13:39

Instrument :
MSVOA_X
ClientSampleId :
KY038PS036-190617

Tot Ion:117 Resp: 424118
Ion Ratio Lower Upper
117 100
82 49.6 49.2 73.8
119 31.8 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010339.D
Acq: 18 Jun 2019 13:39

Tgt Ion:152 Resp: 192616
Ion Ratio Lower Upper
152 100
115 53.7 41.4 124.2
150 158.5 0.0 345.2

