

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070319\
 Data File : VX010636.D
 Acq On : 03 Jul 2019 13:41
 Operator : JC/SP
 Sample : K3667-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-01-190702

Quant Time: Jul 04 04:03:29 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	5.67	168	247713	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	383175	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	347607	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	158691	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	123824	53.31	ug/l	0.00
Spiked Amount						
			Recovery	=	106.62%	
35) Dibromofluoromethane	5.50	113	116777	49.81	ug/l	0.00
Spiked Amount						
			Recovery	=	99.62%	
50) Toluene-d8	8.71	98	452777	50.48	ug/l	0.00
Spiked Amount						
			Recovery	=	100.96%	
62) 4-Bromofluorobenzene	11.13	95	152882	47.21	ug/l	0.00
Spiked Amount						
			Recovery	=	94.42%	

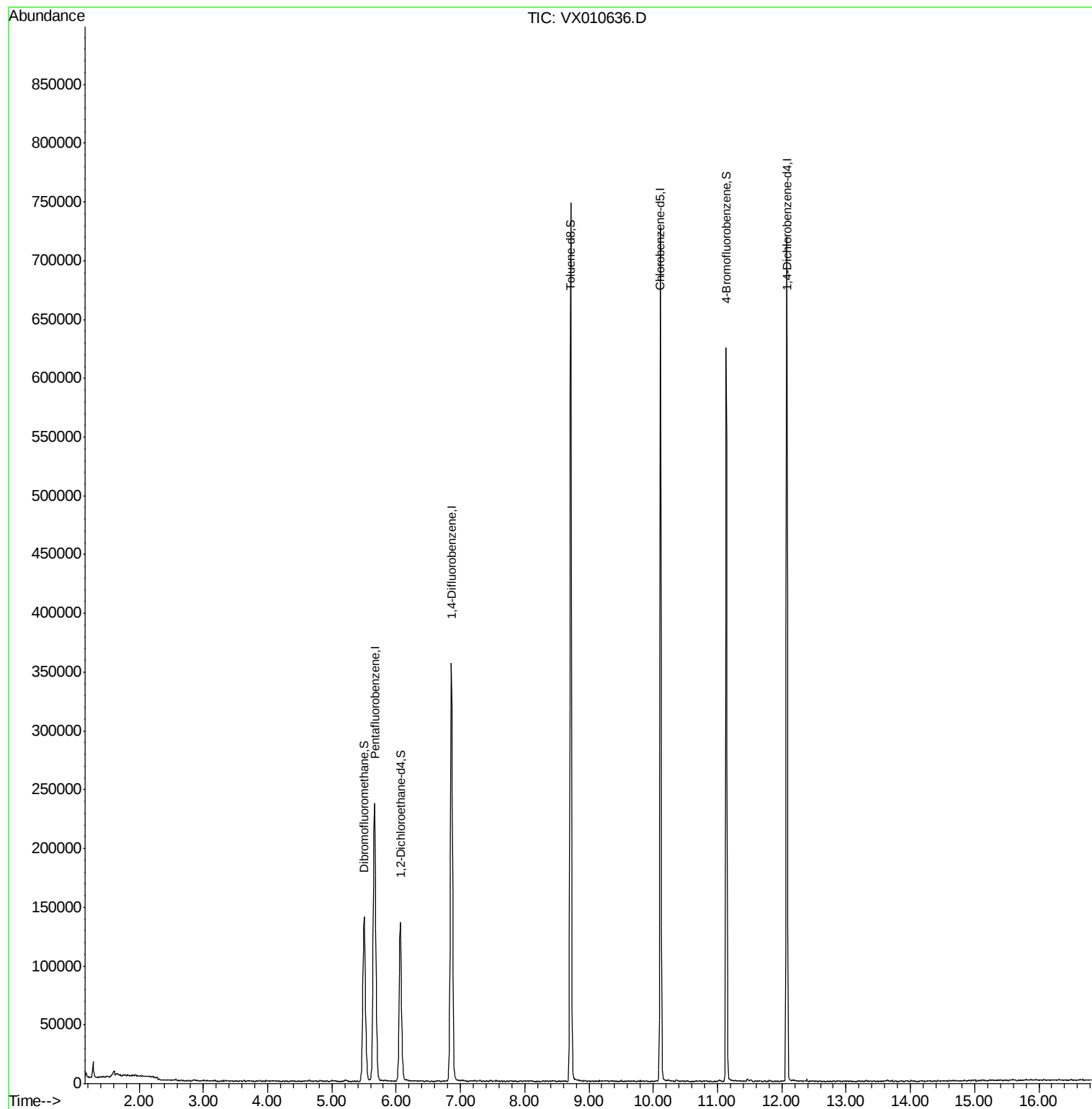
Target Compounds	Qvalue
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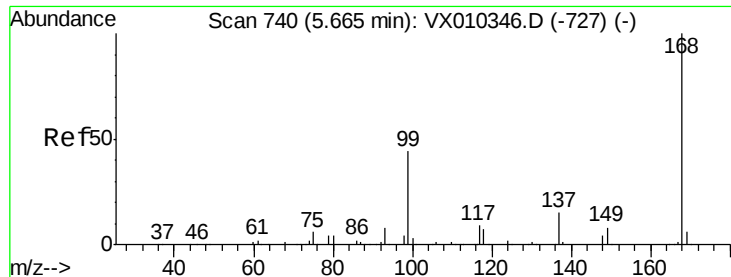
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX010636.D

Acq: 03 Jul 2019 13:41

Instrument :

MSVOA_X

ClientSampleId :

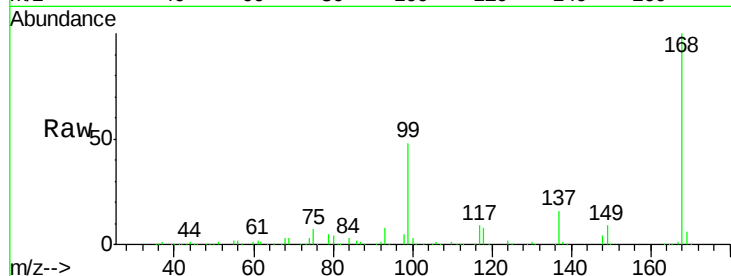
TB-01-190702

Tot Ion:168 Resp: 247713

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

5.67

80000

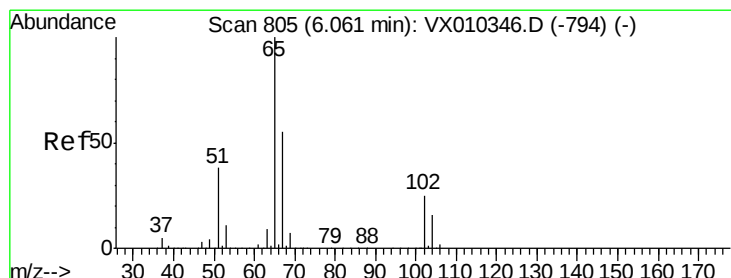
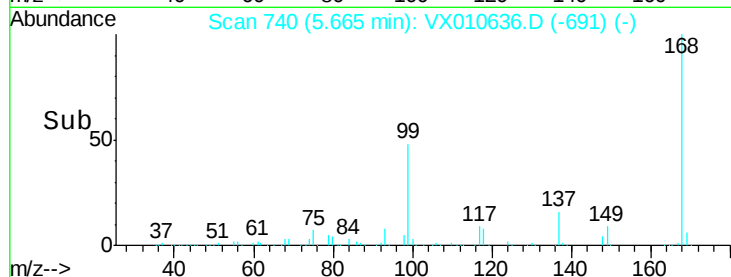
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 53.314 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010636.D

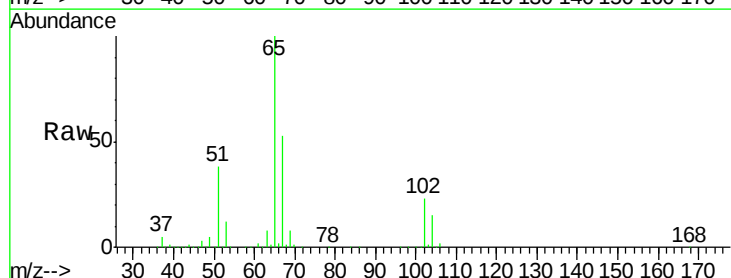
Acq: 03 Jul 2019 13:41

Tgt Ion: 65 Resp: 123824

Ion Ratio Lower Upper

65 100

67 54.0 0.0 110.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

50000

40000

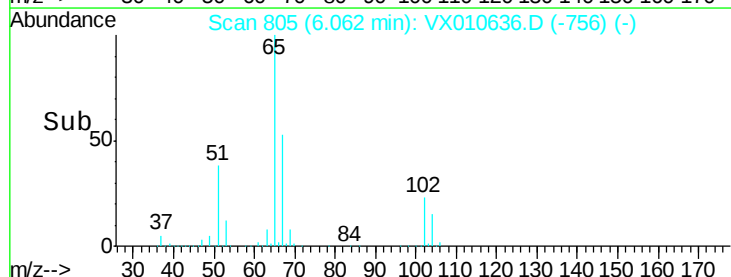
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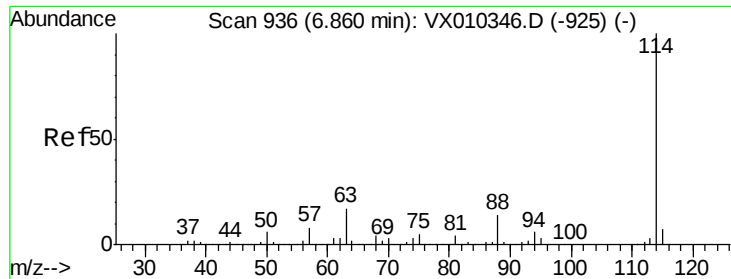
20000

10000

0

Time--> 6.00 6.10 6.20

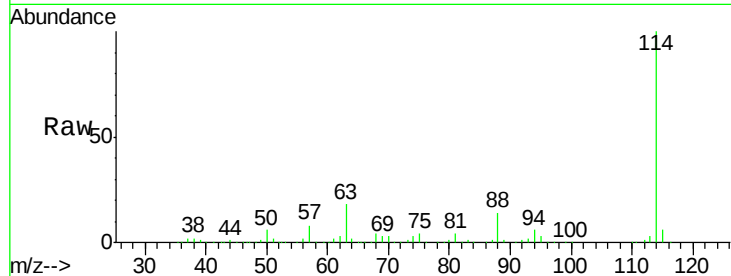




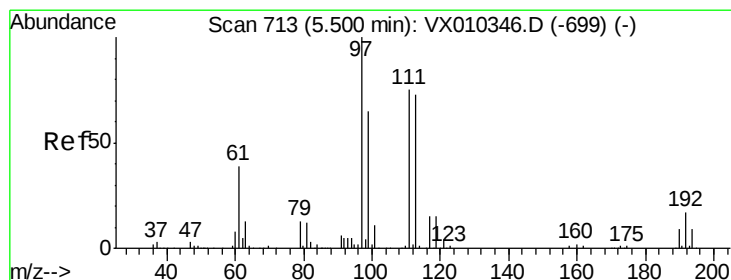
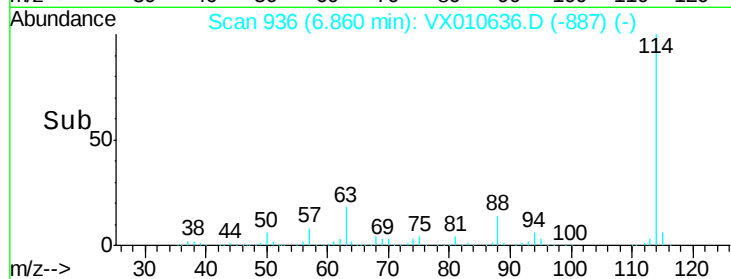
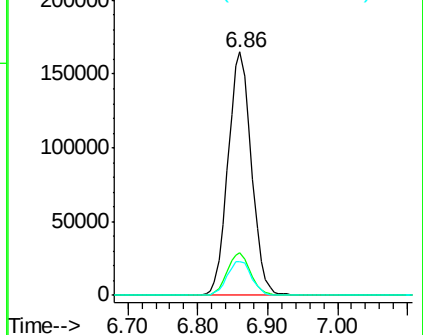
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010636.D
 Acq: 03 Jul 2019 13:41

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-01-190702

Tot Ion	Ratio	Lower	Upper
114	100		
63	17.7	0.0	33.8
88	14.0	0.0	27.6

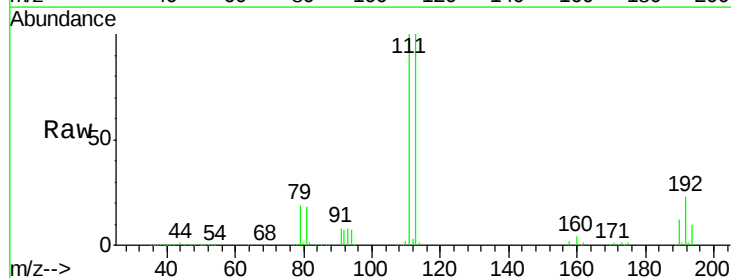


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

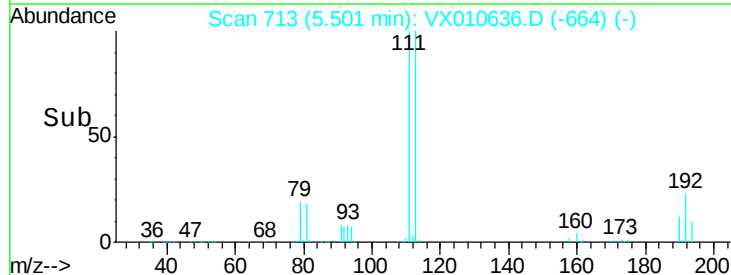
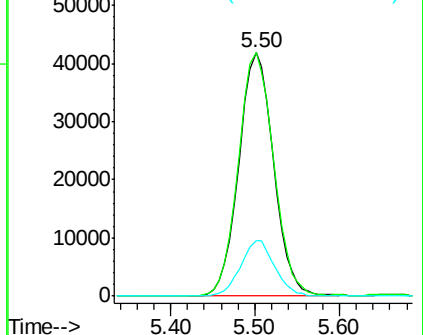


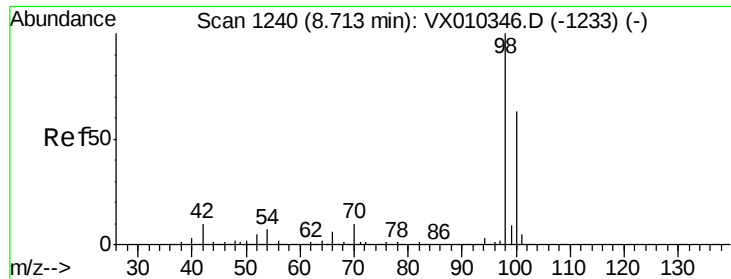
#35
 Dibromofluoromethane
 Concen: 49.811 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX010636.D
 Acq: 03 Jul 2019 13:41

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.1	81.2	121.8
192	22.4	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

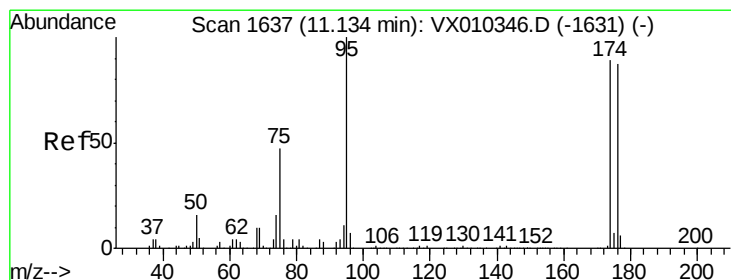
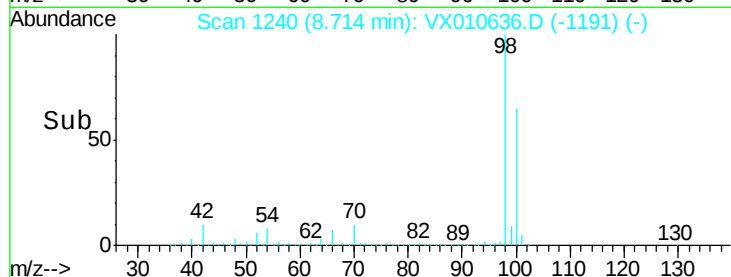
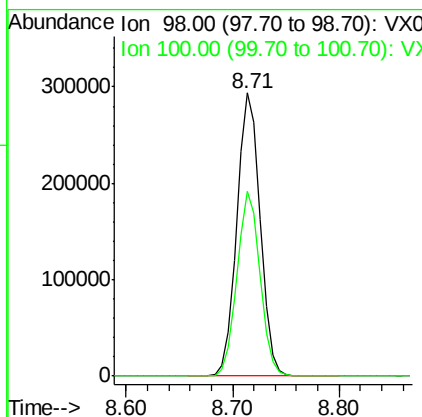
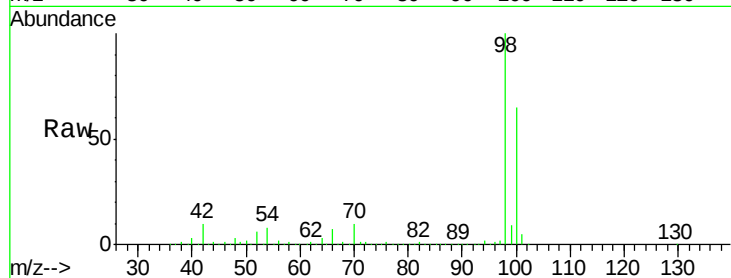




#50
Toluene-d8
Concen: 50.481 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010636.D
Acq: 03 Jul 2019 13:41

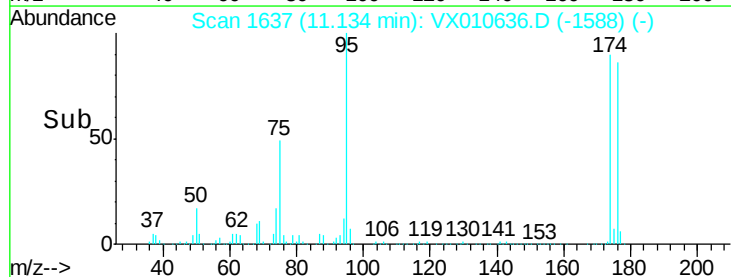
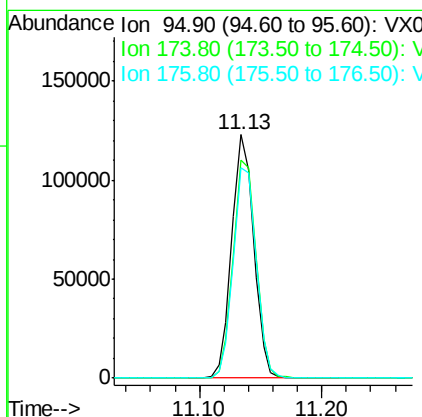
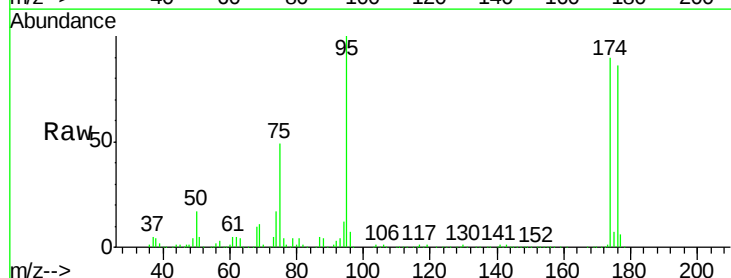
Instrument :
MSVOA_X
ClientSampleId :
TB-01-190702

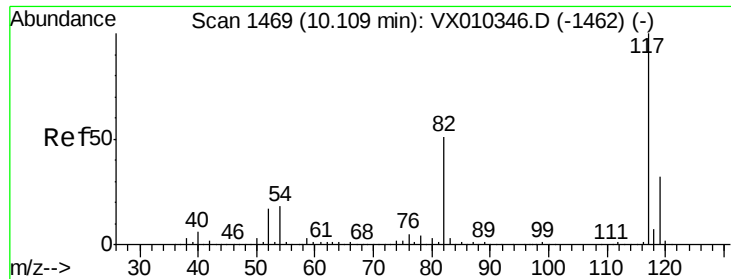
Tot Ion: 98 Resp: 452777
Ion Ratio Lower Upper
98 100
100 64.5 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 47.213 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010636.D
Acq: 03 Jul 2019 13:41

Tgt Ion: 95 Resp: 152882
Ion Ratio Lower Upper
95 100
174 93.2 0.0 187.6
176 90.2 0.0 184.0

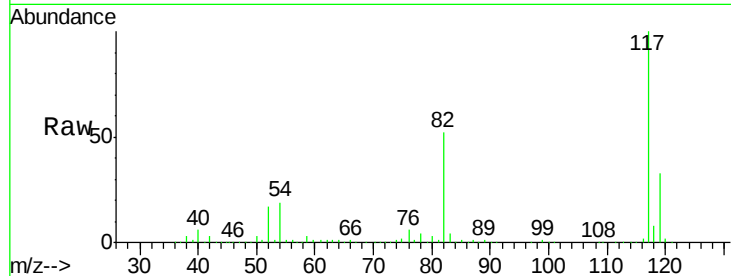




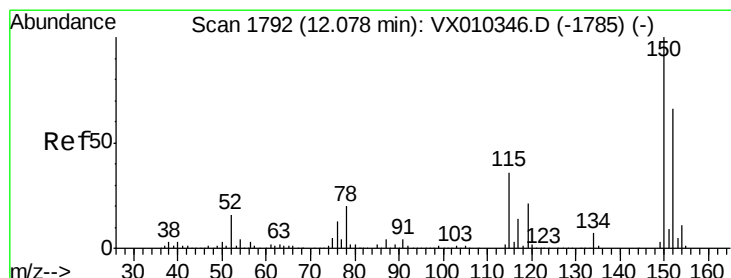
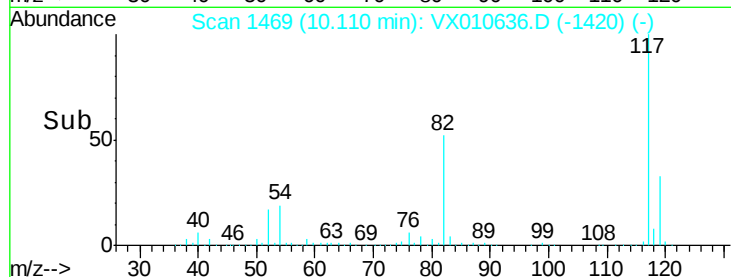
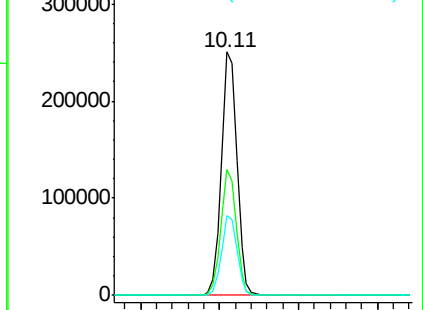
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010636.D
Acq: 03 Jul 2019 13:41

Instrument :
MSVOA_X
ClientSampleId :
TB-01-190702

Tot Ion:117 Resp: 347607
Ion Ratio Lower Upper
117 100
82 51.8 41.2 61.8
119 32.6 25.5 38.3

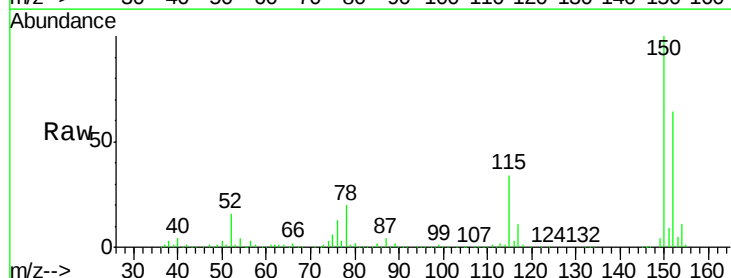


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010636.D
Acq: 03 Jul 2019 13:41

Tgt Ion:152 Resp: 158691
Ion Ratio Lower Upper
152 100
115 54.8 38.6 115.7
150 157.5 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

