

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102618\
 Data File : VX005638.D
 Acq On : 27 Oct 2018 06:54
 Operator : JC/MD
 Sample : J5692-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ140I-20181024

Quant Time: Oct 29 01:21:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 25 02:52:45 2018
 Response via : Initial Calibration

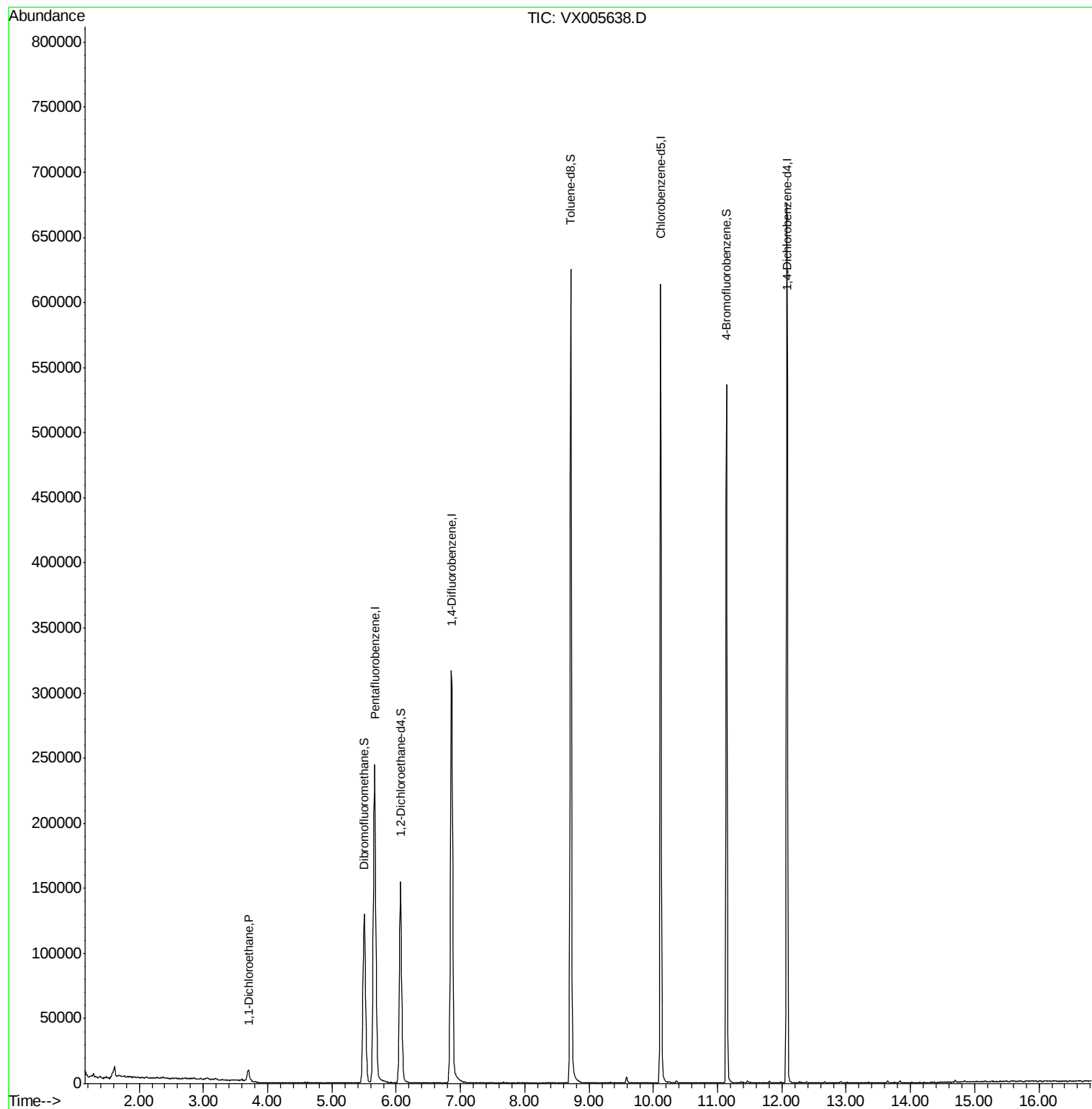
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	250684	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	325091	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	292189	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	141824	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	142549	46.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.16%	
35) Dibromofluoromethane	5.50	113	109858	49.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.82%	
50) Toluene-d8	8.71	98	391181	49.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.92%	
62) 4-Bromofluorobenzene	11.14	95	131675	44.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.16%	
Target Compounds						
24) 1,1-Dichloroethane	3.70	63	8808	1.766	ug/l	Qvalue 96

(#) = 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

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MSVOA_X

ClientSampleId :

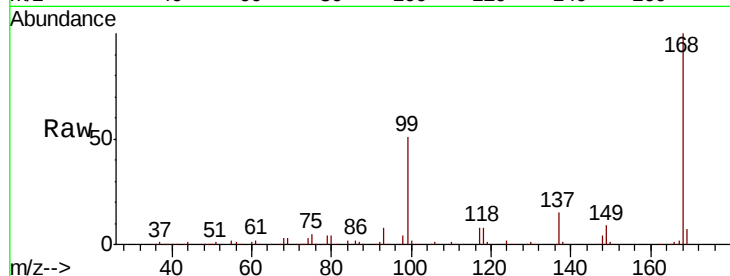
SA-PZ140I-20181024

Tot Ion:168 Resp: 250684

Ion Ratio Lower Upper

168 100

99 51.4 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

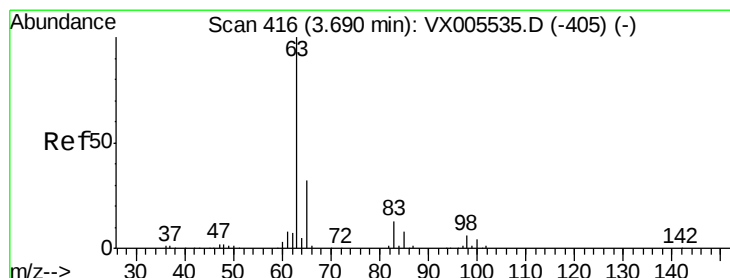
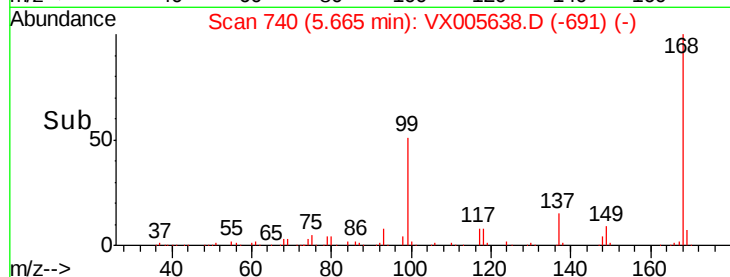
60000

40000

20000

0

Time-->



#24

1,1-Dichloroethane

Concen: 1.766 ug/l

RT: 3.70 min Scan# 418

Delta R.T. 0.01 min

Lab File: VX005638.D

Acq: 27 Oct 2018 06:54

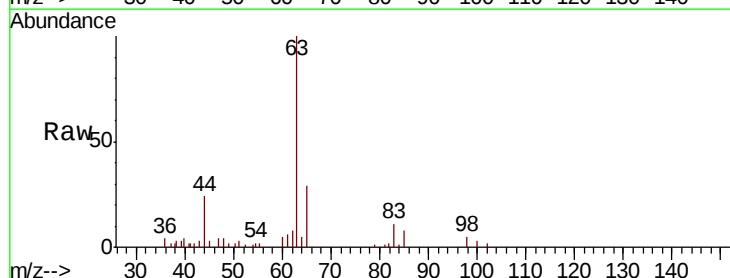
Tgt Ion: 63 Resp: 8808

Ion Ratio Lower Upper

63 100

98 5.0 3.2 9.6

100 2.8 2.1 6.2



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

5000

4000

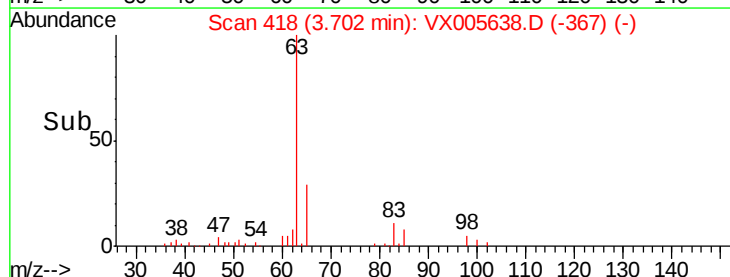
3000

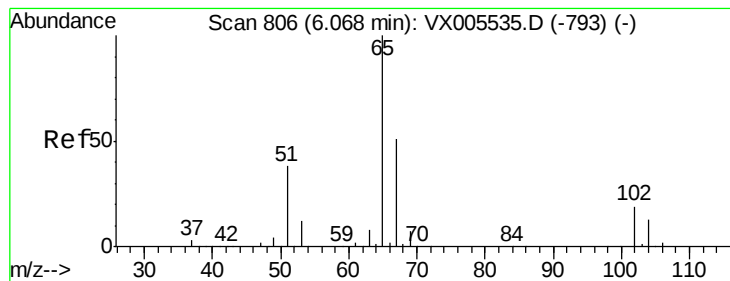
2000

1000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 46.583 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX005638.D

Acq: 27 Oct 2018 06:54

Instrument :

MSVOA_X

ClientSampleId :

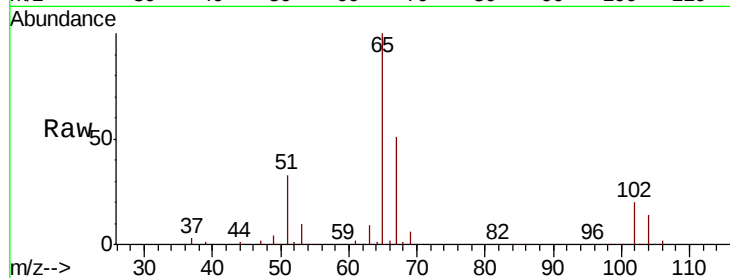
SA-PZ140I-20181024

Tot Ion: 65 Resp: 142549

Ion Ratio Lower Upper

65 100

67 53.7 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

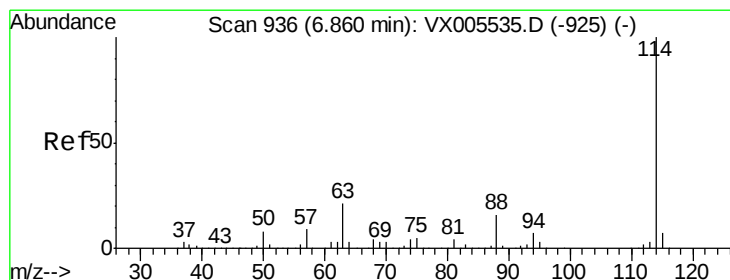
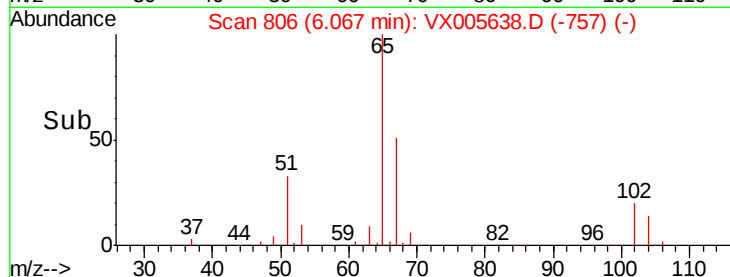
60000

40000

20000

0

Time--> 5.90 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: VX005638.D

Acq: 27 Oct 2018 06:54

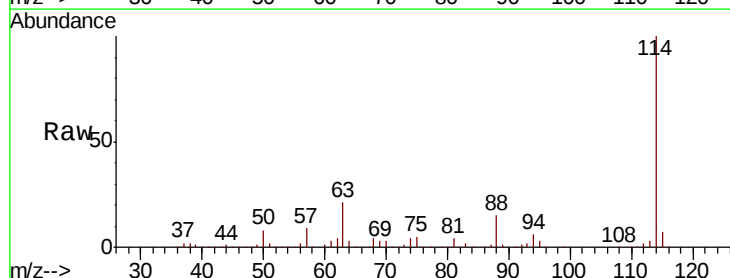
Tgt Ion: 114 Resp: 325091

Ion Ratio Lower Upper

114 100

63 20.5 0.0 42.8

88 15.2 0.0 31.2



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

6.86

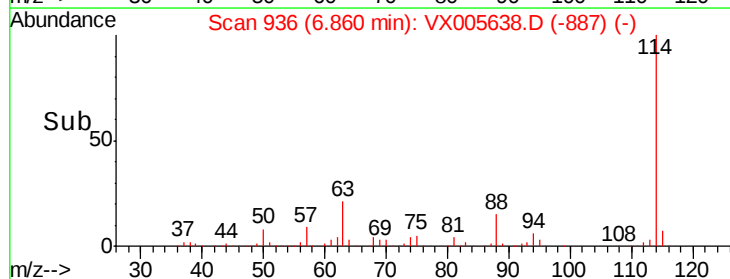
150000

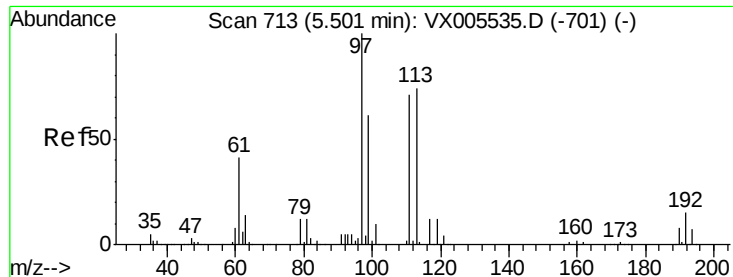
100000

50000

0

Time--> 6.70 6.80 6.90 7.00 7.10

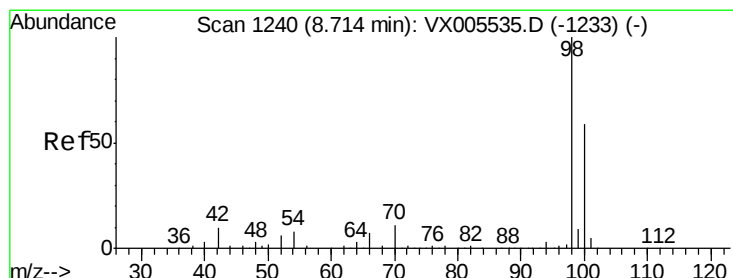
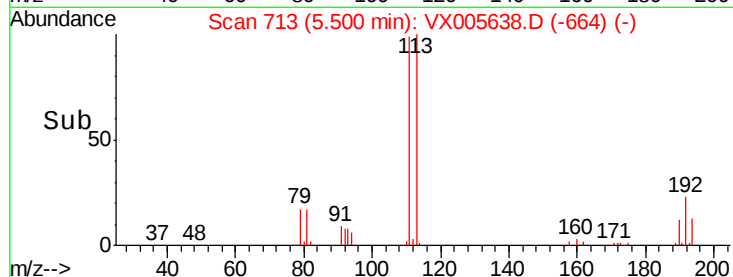
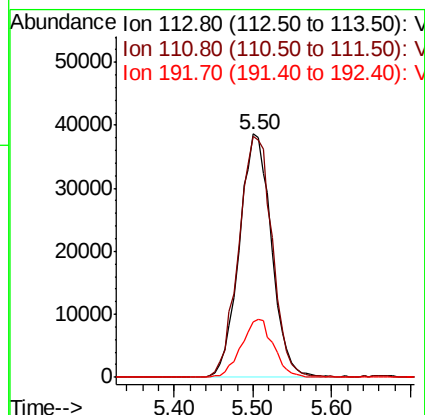
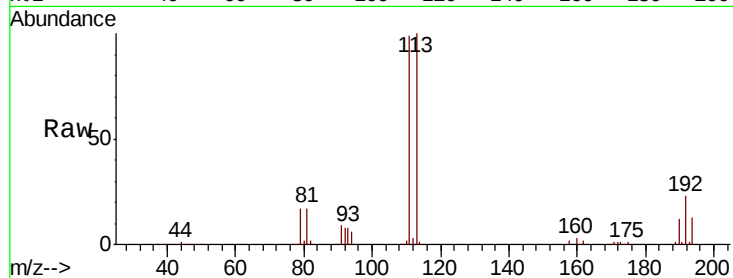




#35
Dibromofluoromethane
Concen: 49.907 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX005638.D
Acq: 27 Oct 2018 06:54

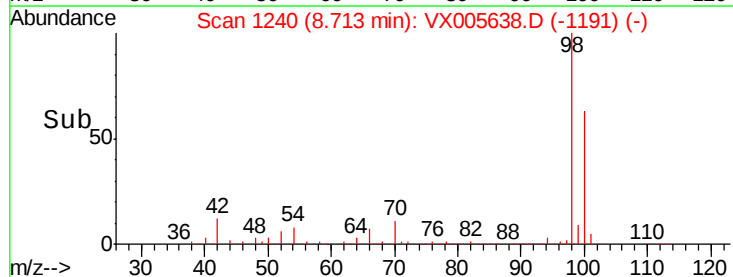
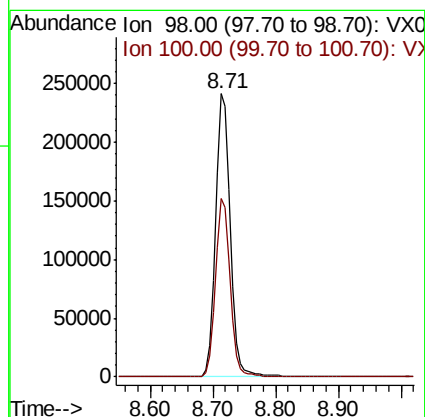
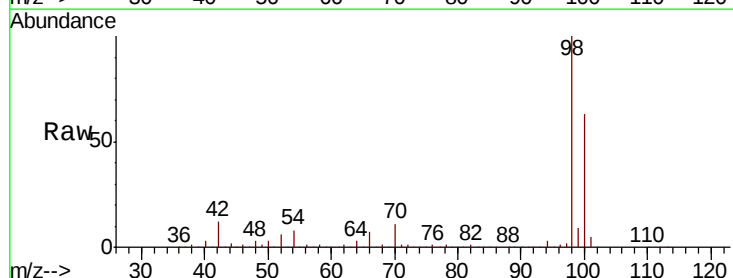
Instrument :
MSVOA_X
ClientSampleId :
SA-PZ140I-20181024

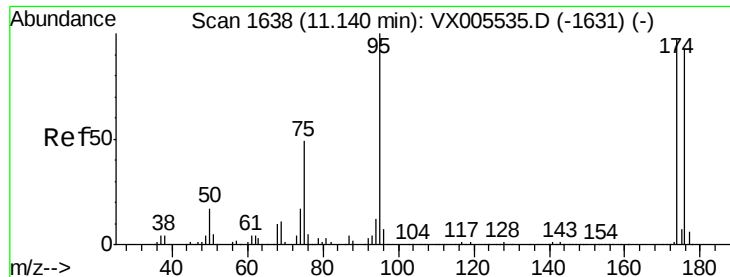
Tot Ion:113 Resp: 109858
Ion Ratio Lower Upper
113 100
111 102.9 82.3 123.5
192 23.7 17.9 26.9



#50
Toluene-d8
Concen: 49.457 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX005638.D
Acq: 27 Oct 2018 06:54

Tgt Ion: 98 Resp: 391181
Ion Ratio Lower Upper
98 100
100 63.5 51.3 76.9

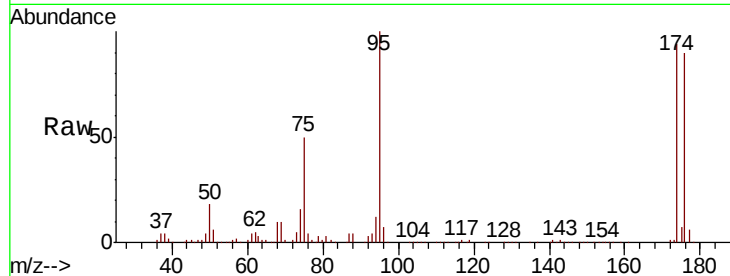




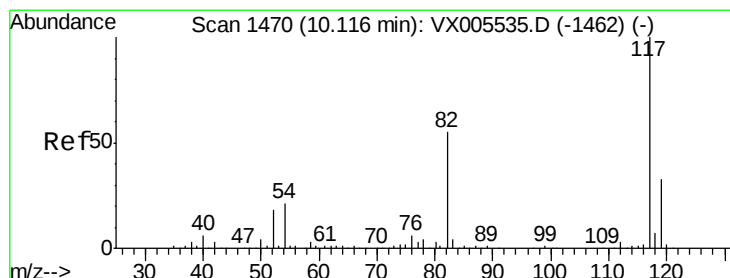
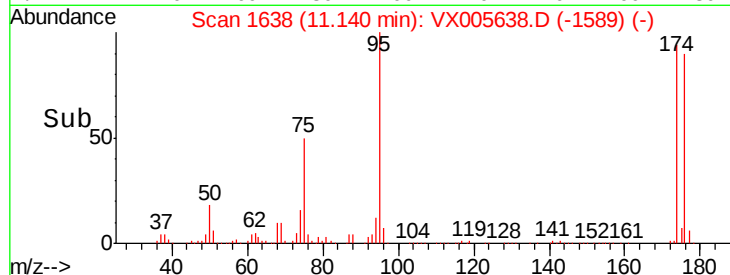
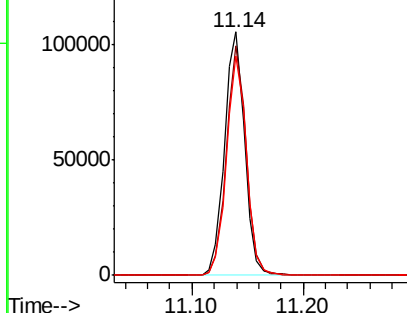
#62
4-Bromofluorobenzene
Concen: 44.083 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX005638.D
Acq: 27 Oct 2018 06:54

Instrument :
MSVOA_X
ClientSampleId :
SA-PZ140I-20181024

Tot Ion: 95 Resp: 131675
Ion Ratio Lower Upper
95 100
174 93.0 0.0 184.4
176 89.5 0.0 177.4

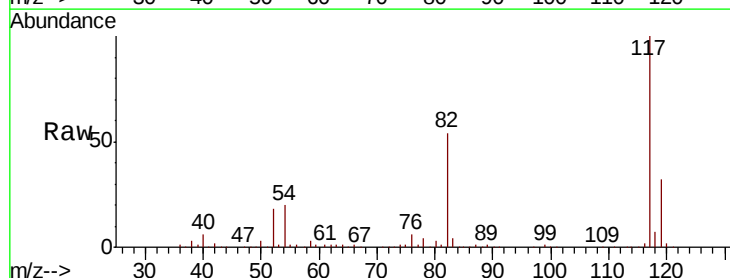


Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

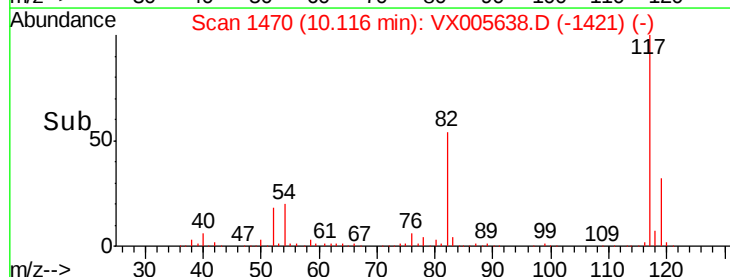
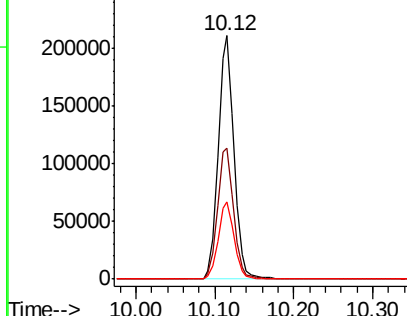


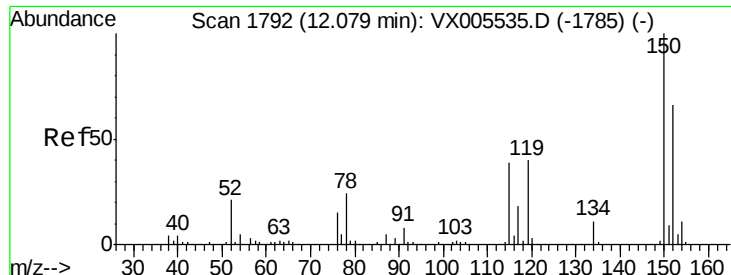
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005638.D
Acq: 27 Oct 2018 06:54

Tgt Ion: 117 Resp: 292189
Ion Ratio Lower Upper
117 100
82 53.7 44.1 66.1
119 31.7 26.2 39.2



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: VX005638.D

Acq: 27 Oct 2018 06:54

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ140I-20181024

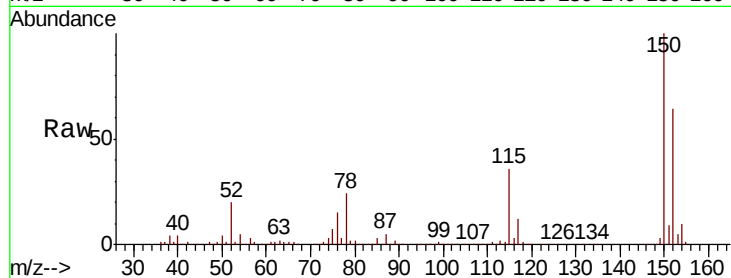
Tot Ion:152 Resp: 141824

Ion Ratio Lower Upper

152 100

115 55.8 39.4 118.1

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

