

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102618\
 Data File : VX005640.D
 Acq On : 27 Oct 2018 07:47
 Operator : JC/MD
 Sample : J5692-10
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FT-PZ459I-20181025

Quant Time: Oct 29 12:37:52 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

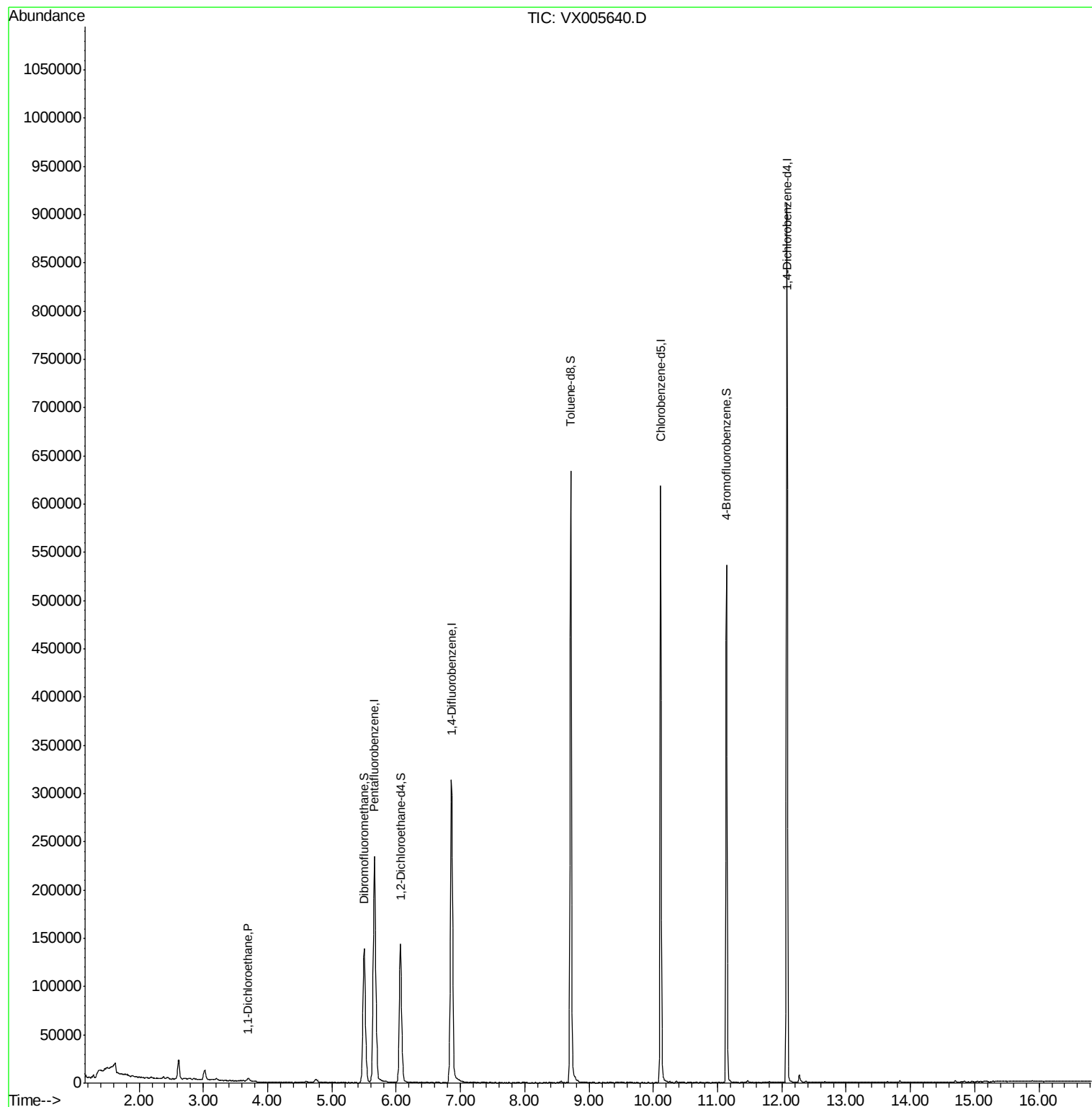
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	230702	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	318609	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	290220	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	186729	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	140800	50.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.00%	
35) Dibromofluoromethane	5.50	113	117963	54.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.36%	
50) Toluene-d8	8.71	98	384094	49.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.10%	
62) 4-Bromofluorobenzene	11.14	95	129932	44.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.76%	
Target Compounds						
24) 1,1-Dichloroethane	3.70	63	3004	0.655	ug/l #	Qvalue 89

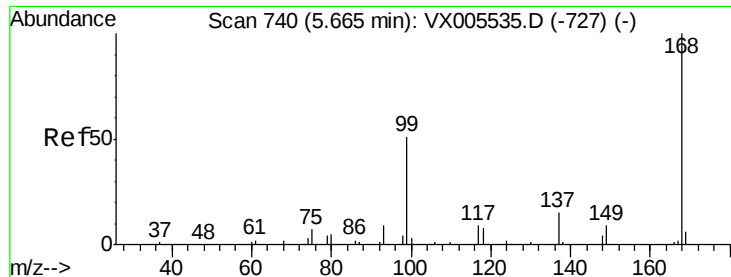
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX005640.D

Acq: 27 Oct 2018 07:47

Instrument :

MSVOA_X

ClientSampleId :

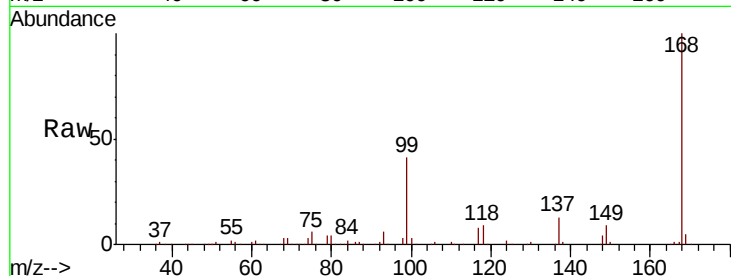
FT-PZ459I-20181025

Tot Ion:168 Resp: 230702

Ion Ratio Lower Upper

168 100

99 40.6 40.7 61.1#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

100000

80000

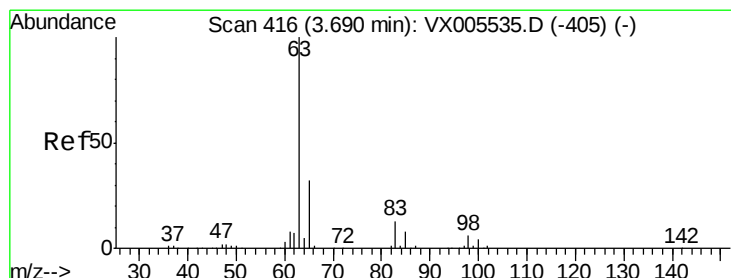
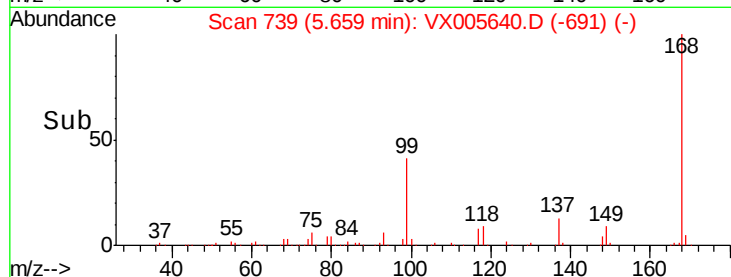
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#24

1,1-Dichloroethane

Concen: 0.655 ug/l

RT: 3.70 min Scan# 418

Delta R.T. 0.01 min

Lab File: VX005640.D

Acq: 27 Oct 2018 07:47

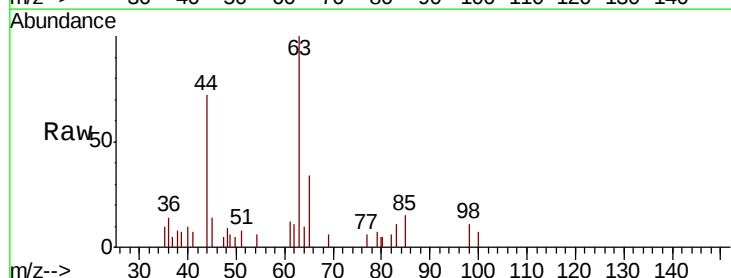
Tgt Ion: 63 Resp: 3004

Ion Ratio Lower Upper

63 100

98 10.9 3.2 9.6#

100 6.6 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

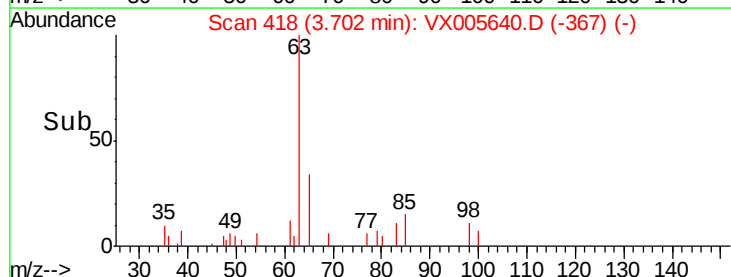
1500

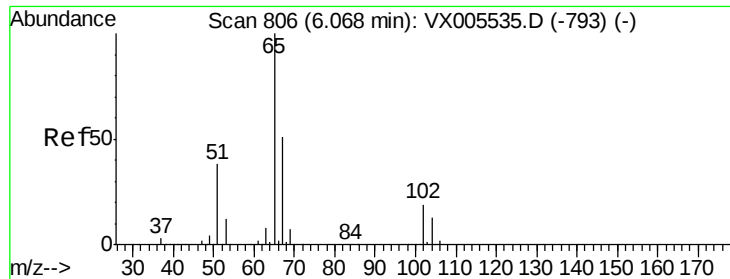
1000

500

0

Time--> 3.60 3.65 3.70 3.75 3.80





#33

1,2-Dichloroethane-d4

Concen: 49.997 ug/l

RT: 6.07 min Scan# 807

Delta R.T. 0.01 min

Lab File: VX005640.D

Acq: 27 Oct 2018 07:47

Instrument :

MSVOA_X

ClientSampleId :

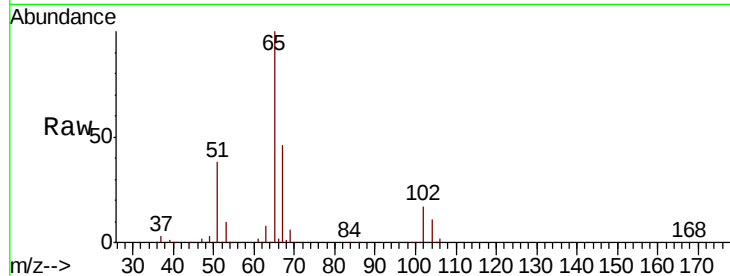
FT-PZ459I-20181025

Tot Ion: 65 Resp: 140800

Ion Ratio Lower Upper

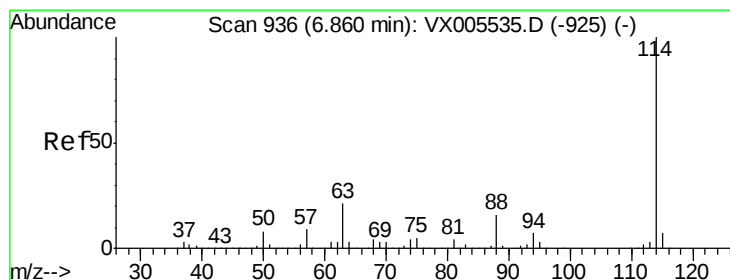
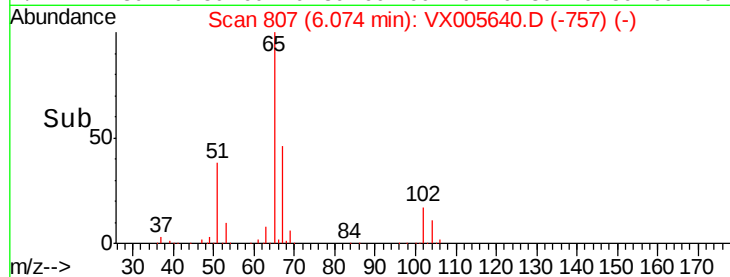
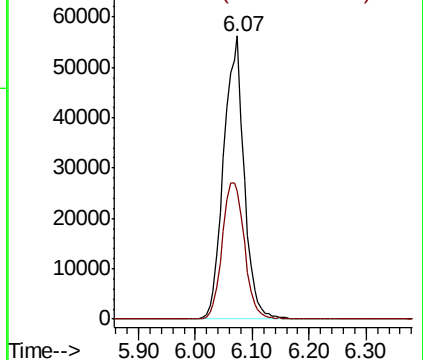
65 100

67 52.6 0.0 105.0



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: VX005640.D

Acq: 27 Oct 2018 07:47

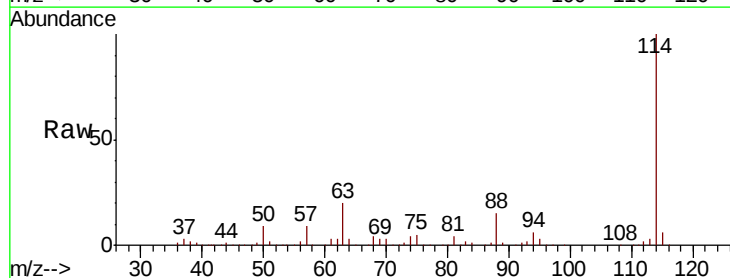
Tgt Ion: 114 Resp: 318609

Ion Ratio Lower Upper

114 100

63 20.2 0.0 42.8

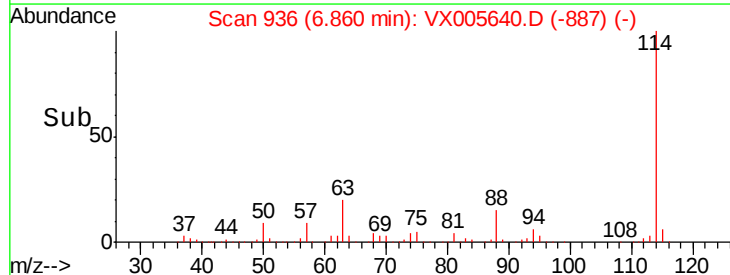
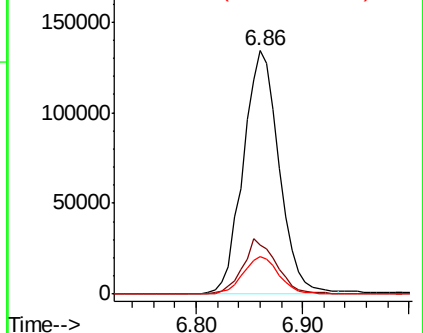
88 15.4 0.0 31.2

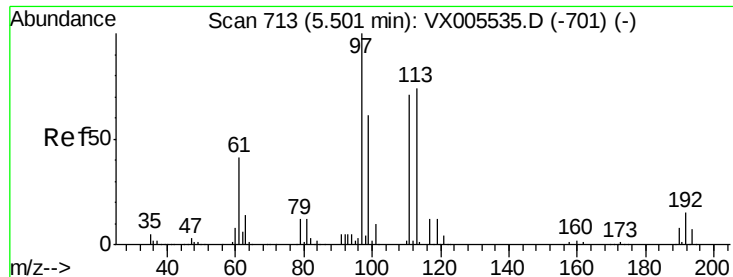


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

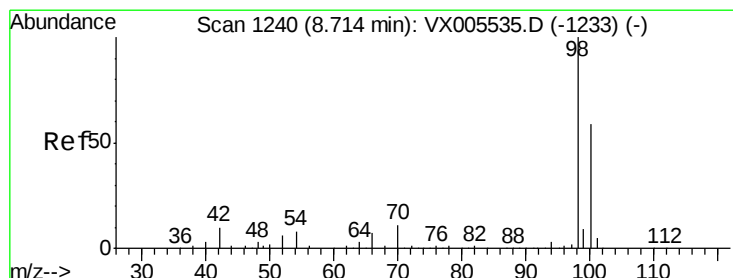
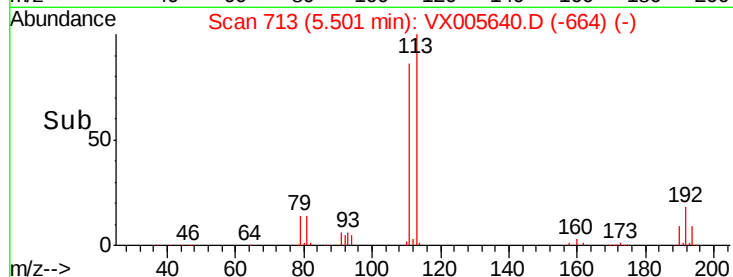
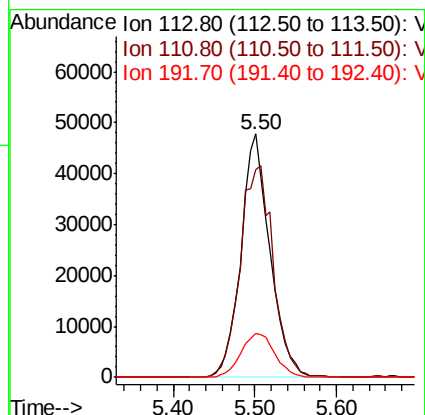
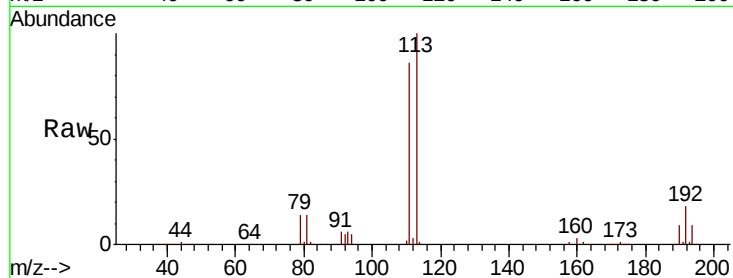




#35
 Dibromofluoromethane
 Concen: 54.680 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX005640.D
 Acq: 27 Oct 2018 07:47

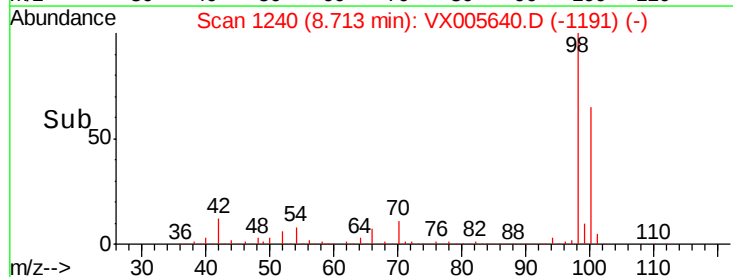
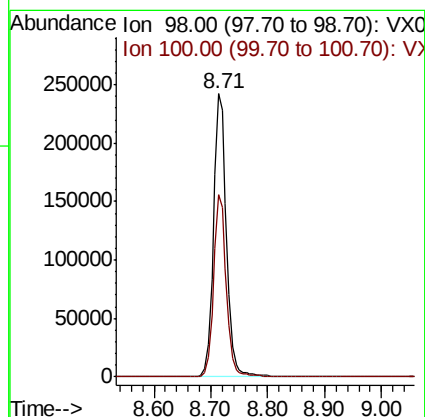
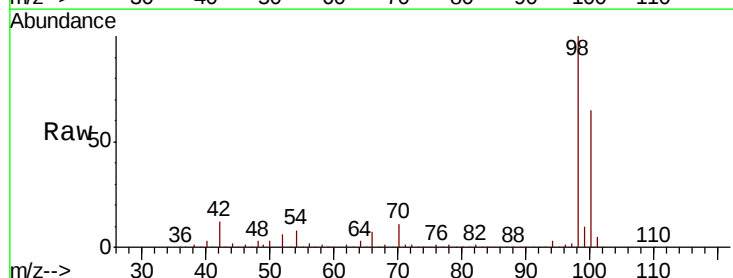
Instrument :
 MSVOA_X
 ClientSampleId :
 FT-PZ459I-20181025

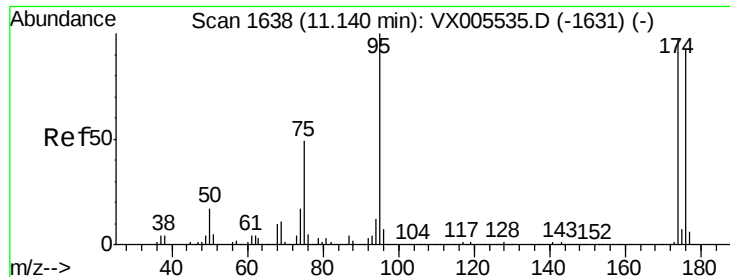
Tot Ion:113 Resp: 117963
 Ion Ratio Lower Upper
 113 100
 111 98.9 82.3 123.5
 192 21.4 17.9 26.9



#50
 Toluene-d8
 Concen: 49.549 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX005640.D
 Acq: 27 Oct 2018 07:47

Tgt Ion: 98 Resp: 384094
 Ion Ratio Lower Upper
 98 100
 100 63.2 51.3 76.9





#62

4-Bromofluorobenzene

Concen: 44.384 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005640.D

Acq: 27 Oct 2018 07:47

Instrument :

MSVOA_X

ClientSampleId :

FT-PZ459I-20181025

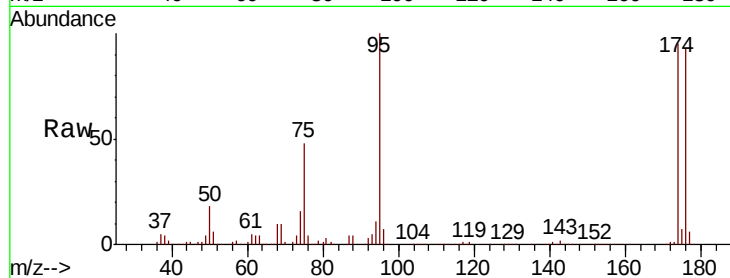
Tot Ion: 95 Resp: 129932

Ion Ratio Lower Upper

95 100

174 93.6 0.0 184.4

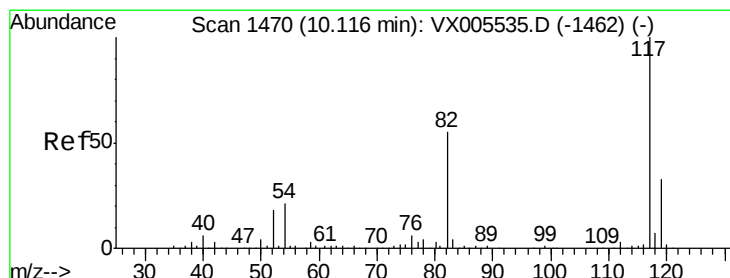
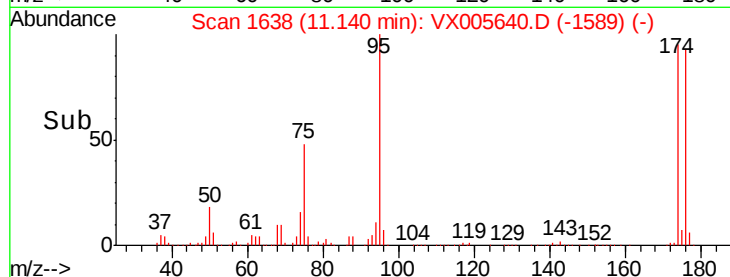
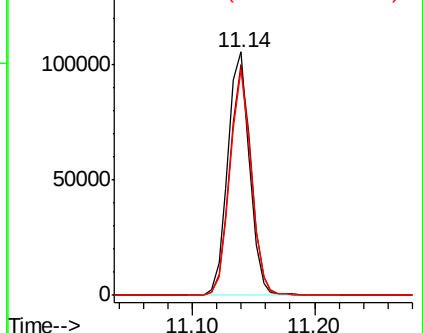
176 90.0 0.0 177.4



Abundance Ion 94.90 (94.60 to 95.60): VX005535.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX005535.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX005535.D (-1631) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VX005640.D

Acq: 27 Oct 2018 07:47

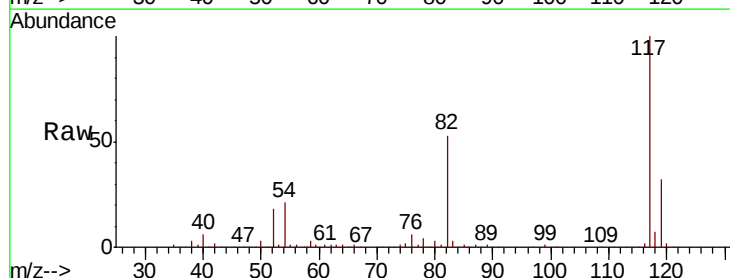
Tgt Ion: 117 Resp: 290220

Ion Ratio Lower Upper

117 100

82 53.0 44.1 66.1

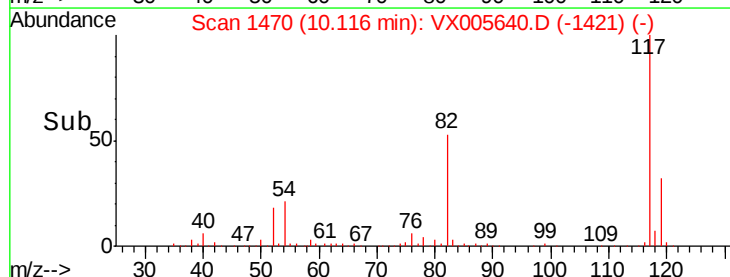
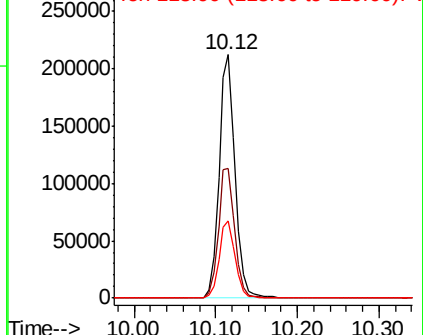
119 31.8 26.2 39.2

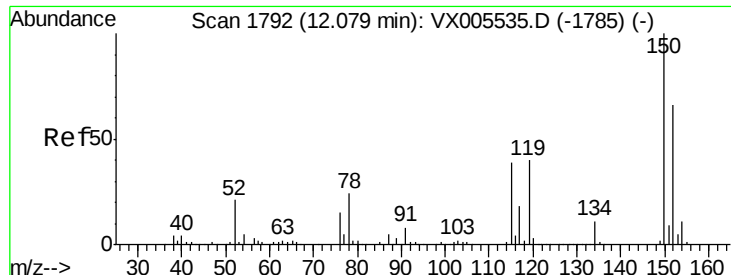


Abundance Ion 116.90 (116.60 to 117.60): VX005535.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX005535.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX005535.D (-1462) (-)





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX005640.D
 Acq: 27 Oct 2018 07:47

Instrument :
 MSVOA_X
 ClientSampleId :
 FT-PZ459I-20181025

Tot Ion	Ratio	Lower	Upper
152	100		
115	54.2	39.4	118.1
150	154.8	0.0	346.4

