

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072618\
 Data File : VX003706.D
 Acq On : 27 Jul 2018 08:40
 Operator : JC/SP
 Sample : J4073-14
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE117D2-071618

Quant Time: Jul 27 17:39:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072418W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 25 04:33:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	87989	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	150374	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	131044	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	87089	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	76447	58.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.30%	
35) Dibromofluoromethane	5.51	113	61147	49.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.48%	
50) Toluene-d8	8.72	98	249482	53.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.36%	
62) 4-Bromofluorobenzene	11.14	95	76491	44.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.40%	

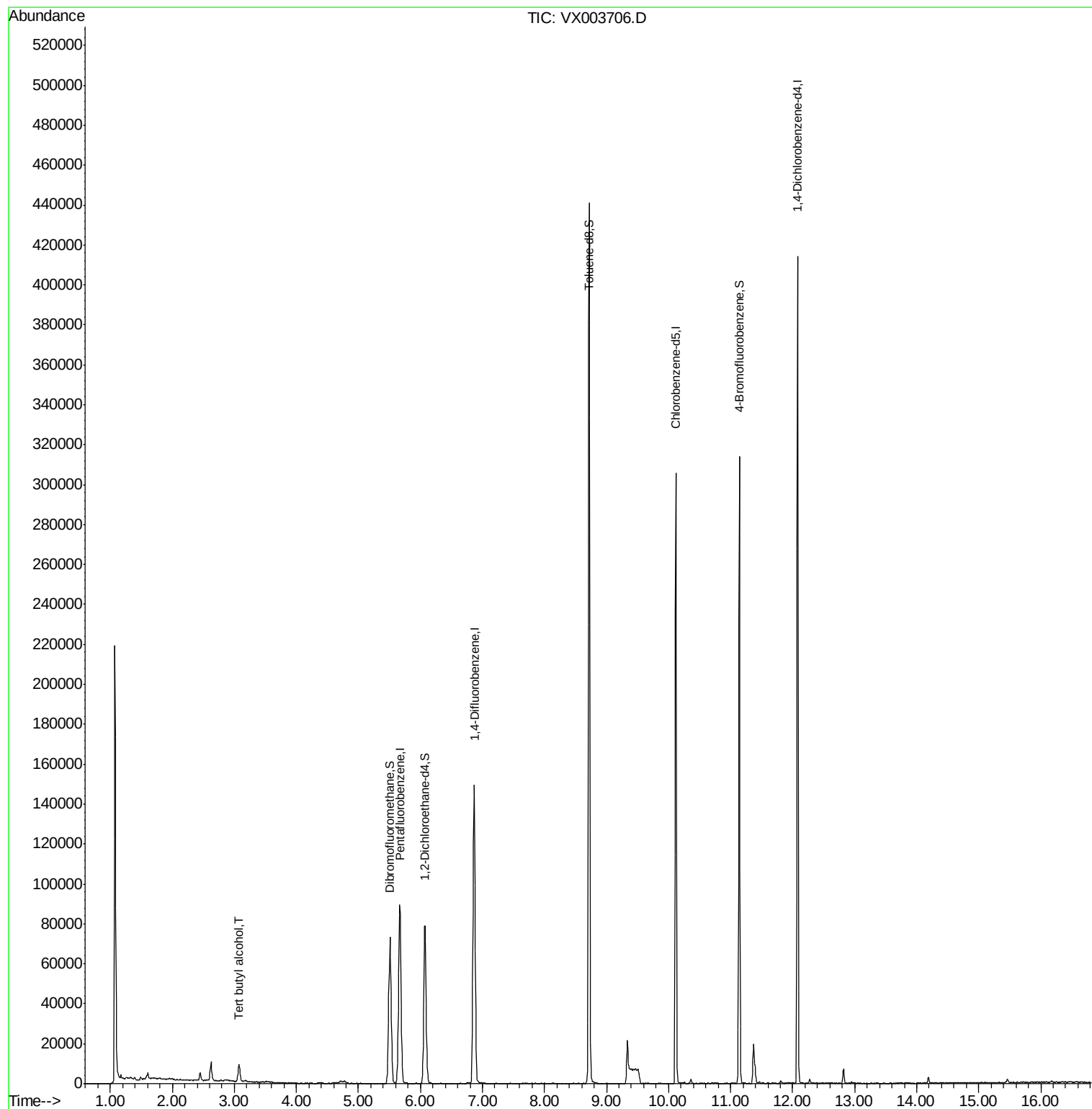
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.07	59	9766	31.35	ug/l	97

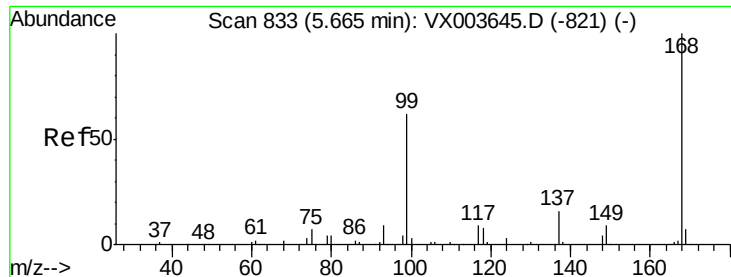
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX003706.D

Acq: 27 Jul 2018 08:40

Instrument :

MSVOA_X

ClientSampleId :

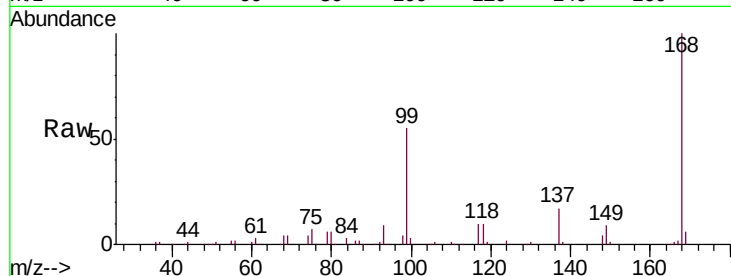
RE117D2-071618

Tot Ion:168 Resp: 87989

Ion Ratio Lower Upper

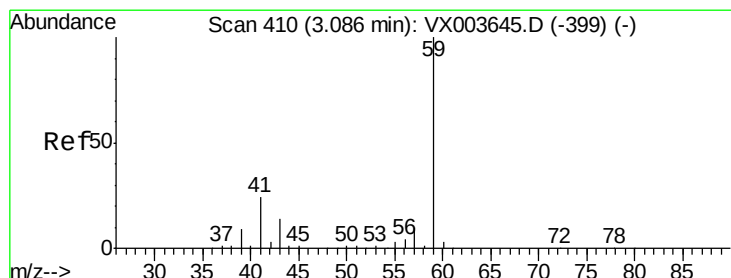
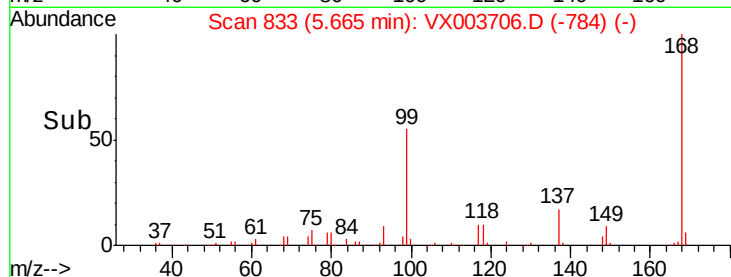
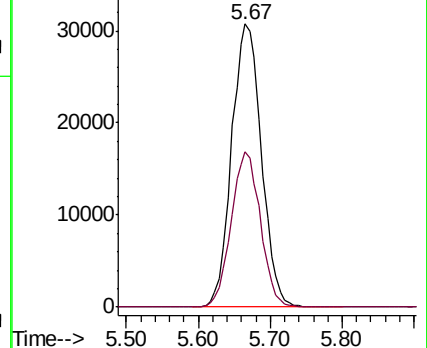
168 100

99 55.1 49.5 74.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#11

Tert butyl alcohol

Concen: 31.35 ug/l

RT: 3.07 min Scan# 408

Delta R.T. -0.01 min

Lab File: VX003706.D

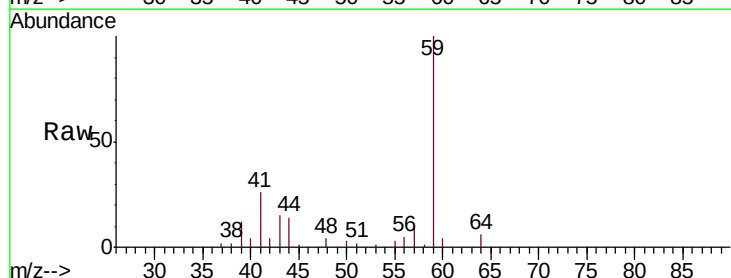
Acq: 27 Jul 2018 08:40

Tgt Ion: 59 Resp: 9766

Ion Ratio Lower Upper

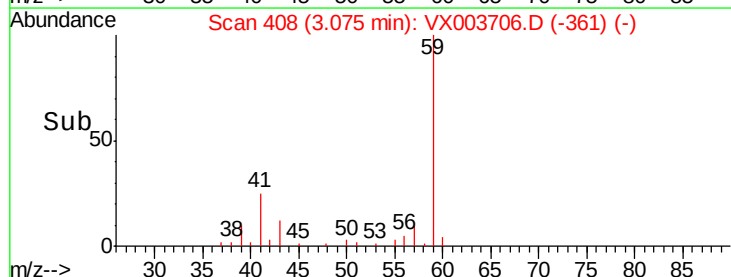
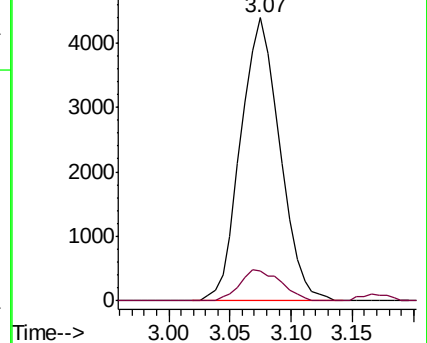
59 100

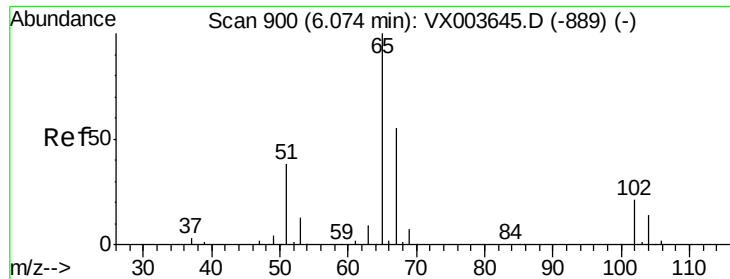
57 11.5 8.2 12.4



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

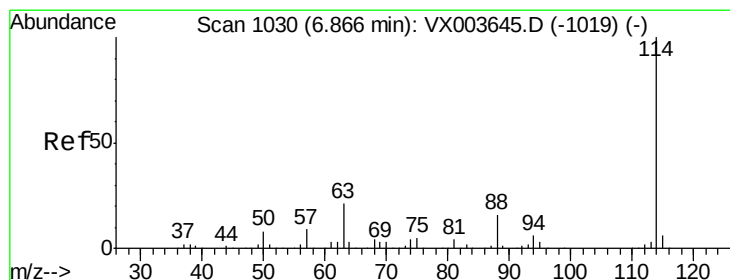
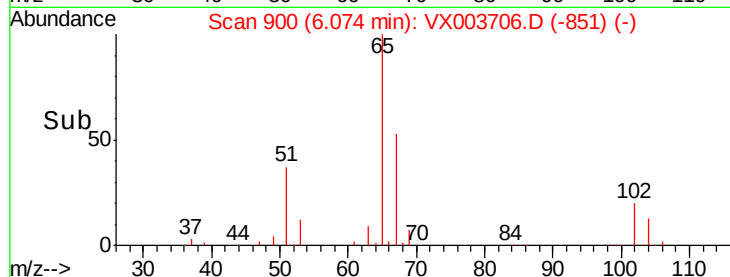
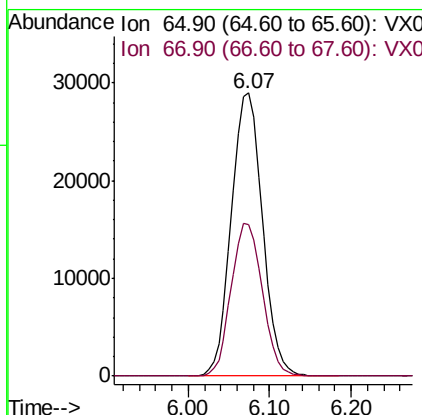
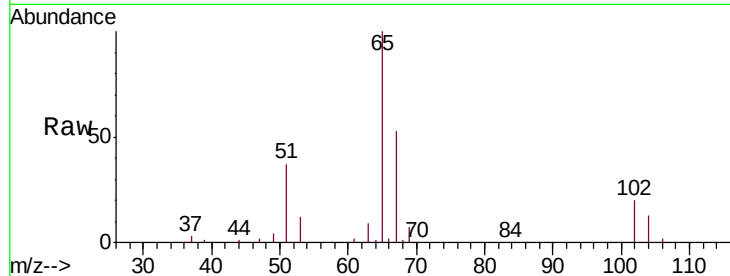




#33
 1,2-Dichloroethane-d4
 Concen: 58.65 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX003706.D
 Acq: 27 Jul 2018 08:40

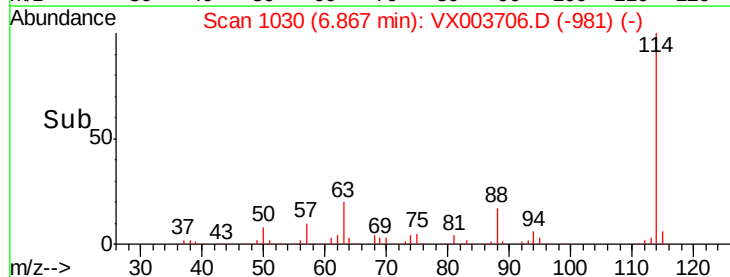
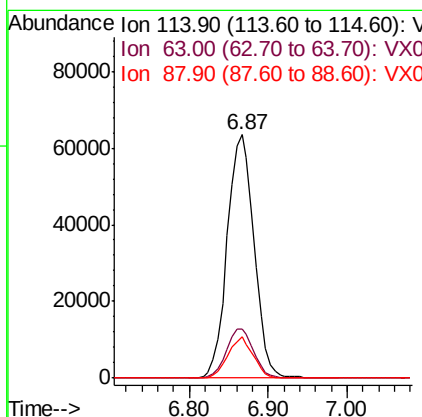
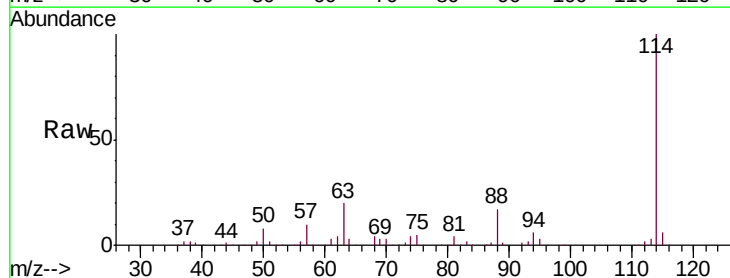
Instrument :
 MSVOA_X
 ClientSampleId :
 RE117D2-071618

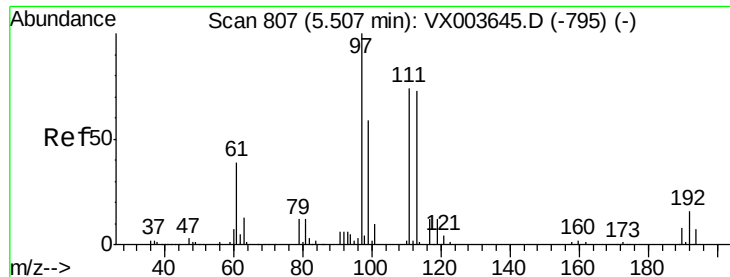
Tot Ion: 65 Resp: 76447
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 107.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX003706.D
 Acq: 27 Jul 2018 08:40

Tgt Ion: 114 Resp: 150374
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 41.0
 88 17.2 0.0 31.8

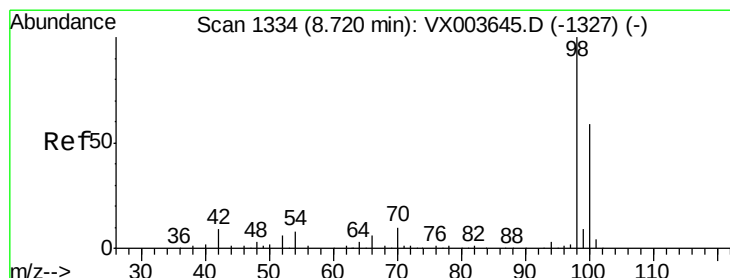
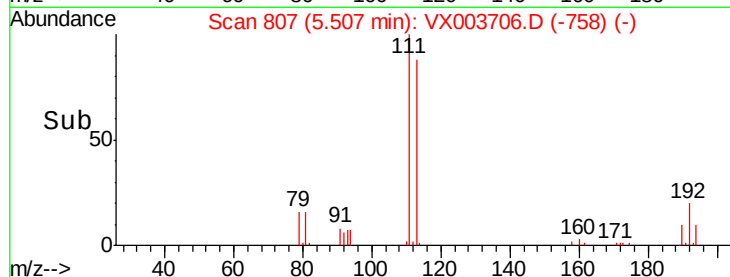
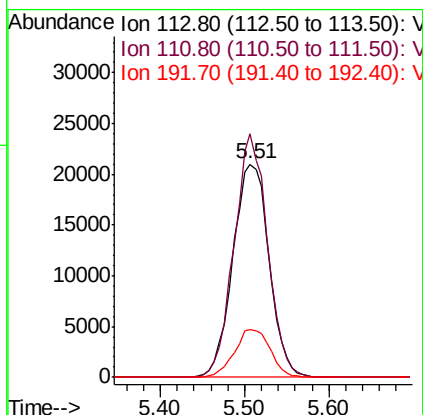
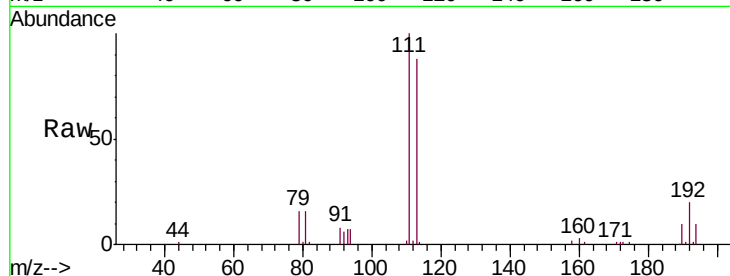




#35
 Dibromofluoromethane
 Concen: 49.74 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX003706.D
 Acq: 27 Jul 2018 08:40

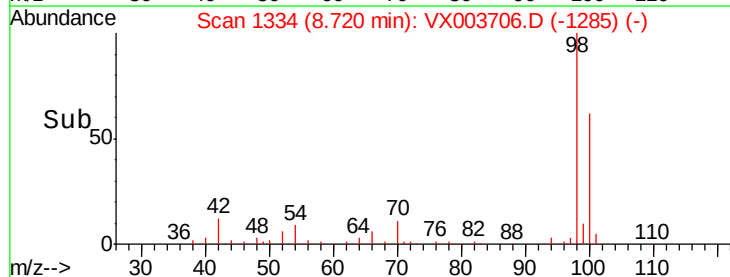
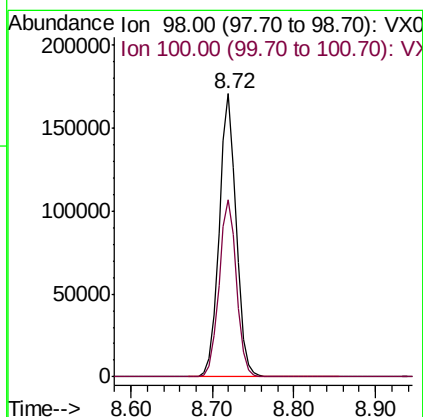
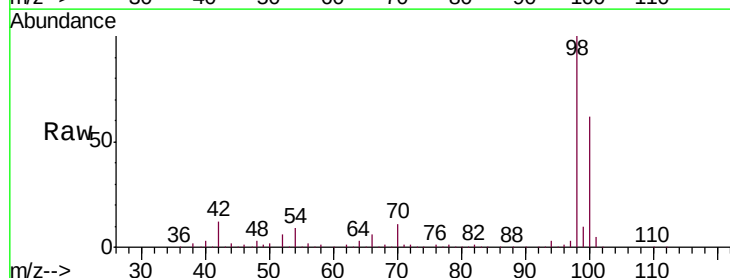
Instrument :
 MSVOA_X
 ClientSampleId :
 RE117D2-071618

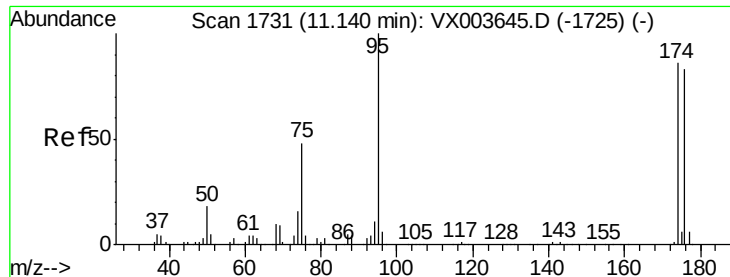
Tot Ion:113 Resp: 61147
 Ion Ratio Lower Upper
 113 100
 111 105.1 81.2 121.8
 192 22.2 18.2 27.4



#50
 Toluene-d8
 Concen: 53.18 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: VX003706.D
 Acq: 27 Jul 2018 08:40

Tgt Ion: 98 Resp: 249482
 Ion Ratio Lower Upper
 98 100
 100 63.7 50.9 76.3





#62

4-Bromofluorobenzene

Concen: 44.70 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003706.D

Acq: 27 Jul 2018 08:40

Instrument :

MSVOA_X

ClientSampleId :

RE117D2-071618

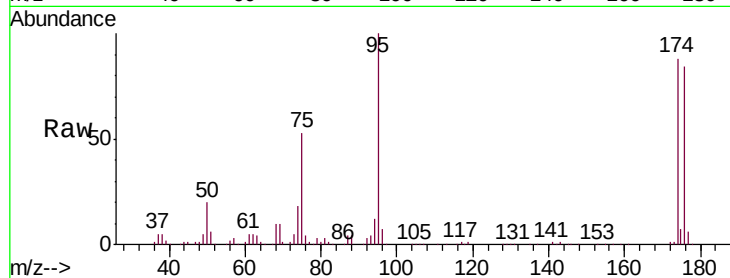
Tot Ion: 95 Resp: 76491

Ion Ratio Lower Upper

95 100

174 89.1 0.0 179.0

176 85.4 0.0 173.0

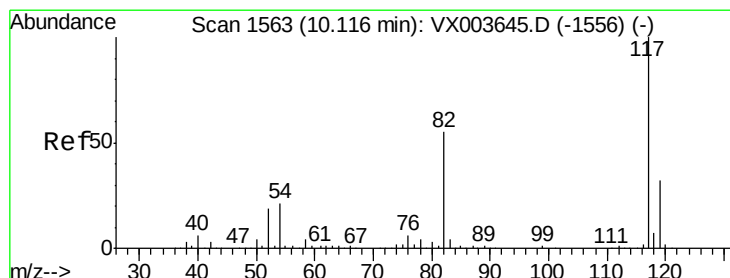
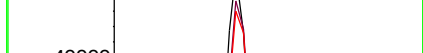
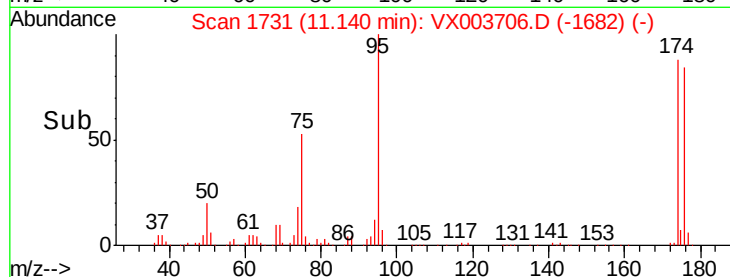


Abundance Ion 94.90 (94.60 to 95.60): VX003645.D (-1725) (-)

Ion 173.80 (173.50 to 174.50): VX003645.D (-1725) (-)

Ion 175.80 (175.50 to 176.50): VX003645.D (-1725) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VX003706.D

Acq: 27 Jul 2018 08:40

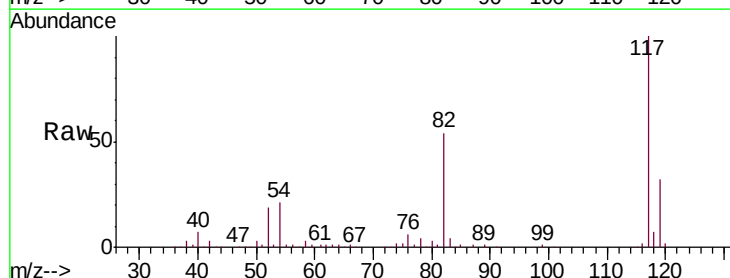
Tgt Ion: 117 Resp: 131044

Ion Ratio Lower Upper

117 100

82 54.2 44.3 66.5

119 31.7 25.6 38.4

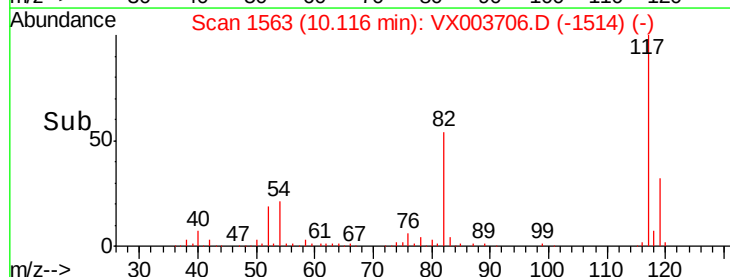


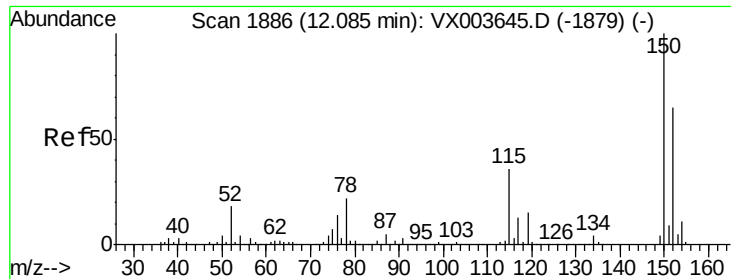
Abundance Ion 116.90 (116.60 to 117.60): VX003645.D (-1556) (-)

Ion 82.00 (81.70 to 82.70): VX003645.D (-1556) (-)

Ion 118.90 (118.60 to 119.60): VX003645.D (-1556) (-)

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.01 min

Lab File: VX003706.D

Acq: 27 Jul 2018 08:40

Instrument :

MSVOA_X

ClientSampleId :

RE117D2-071618

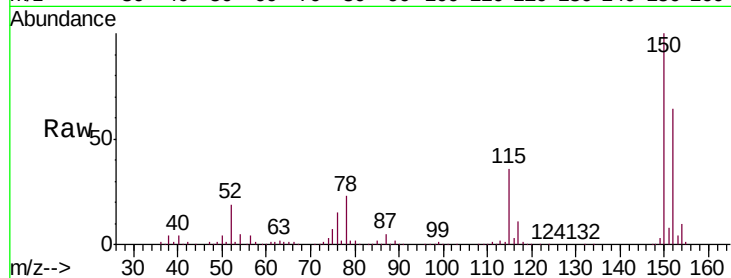
Tot Ion:152 Resp: 87089

Ion Ratio Lower Upper

152 100

115 55.0 40.0 119.9

150 157.0 0.0 348.4



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

