

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102318\
 Data File : VX005527.D
 Acq On : 23 Oct 2018 18:00
 Operator : JC/MD
 Sample : J5646-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3

Quant Time: Oct 24 03:43:03 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 12 11:28:43 2018
 Response via : Initial Calibration

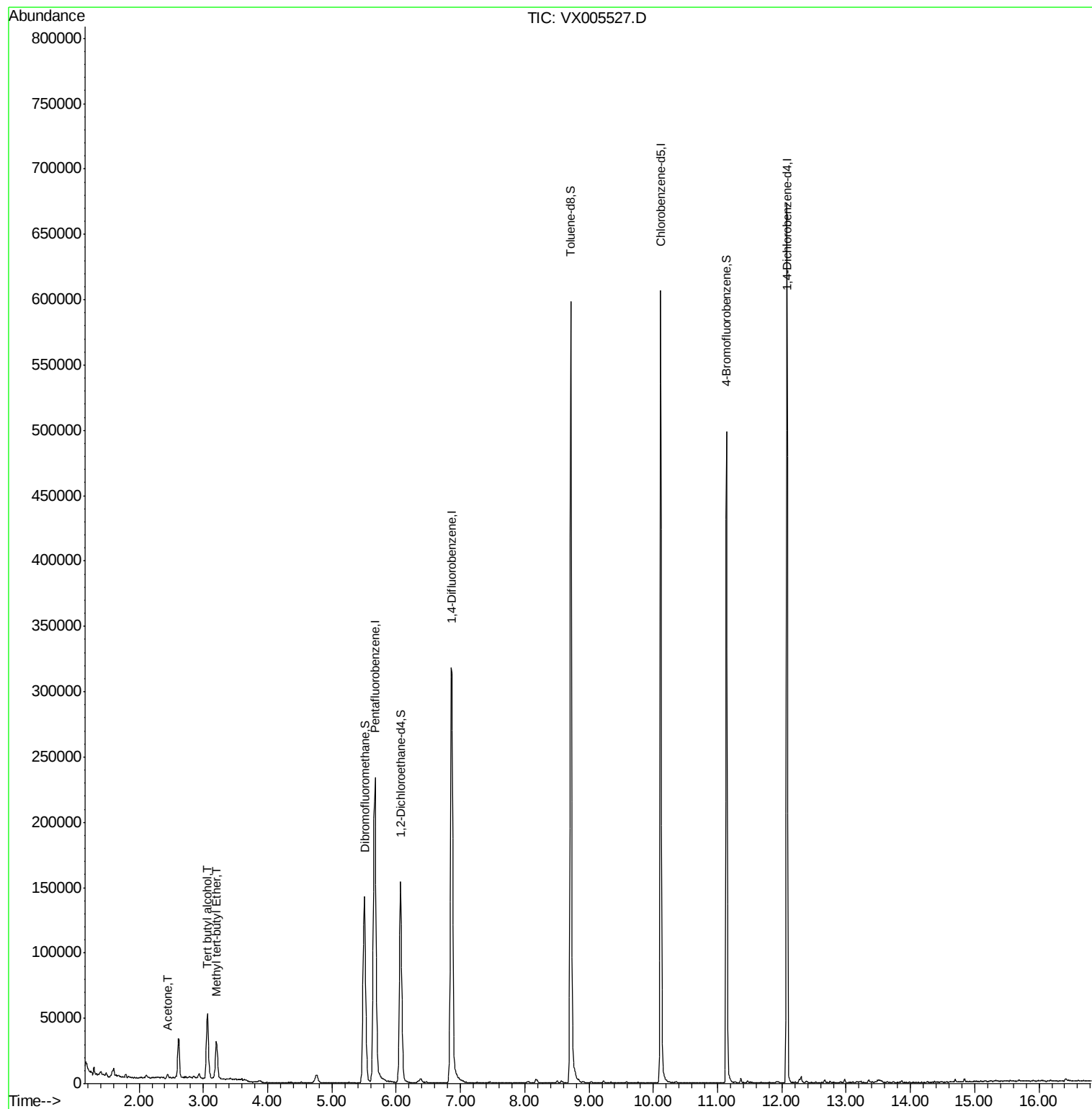
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	248714	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	346262	50.00	ug/l	-0.01
63) Chlorobenzene-d5	10.12	117	282396	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	135433	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	143585	52.02	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	104.04%	
35) Dibromofluoromethane	5.50	113	121222	52.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.72%	
50) Toluene-d8	8.71	98	381503	48.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.92%	
62) 4-Bromofluorobenzene	11.14	95	126100	42.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.26%	
Target Compounds						
11) Tert butyl alcohol	3.06	59	60907	78.221	ug/l	98
16) Acetone	2.45	43	3192	2.000	ug/l	90
19) Methyl tert-butyl Ether	3.20	73	30733	4.006	ug/l	99

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

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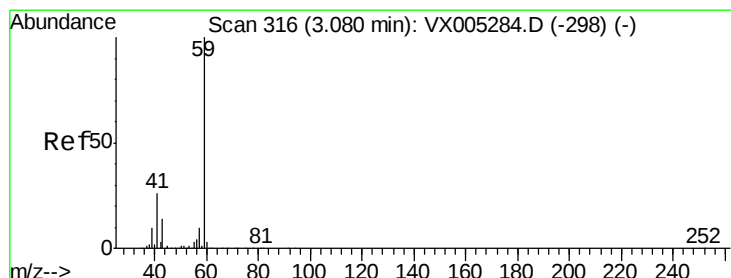
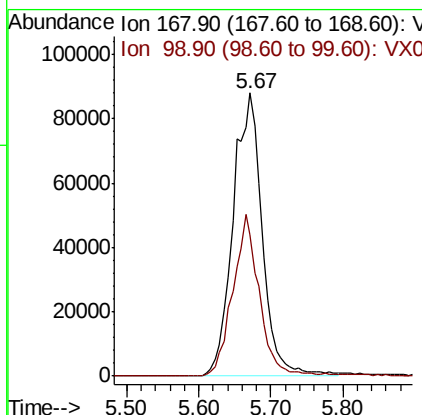
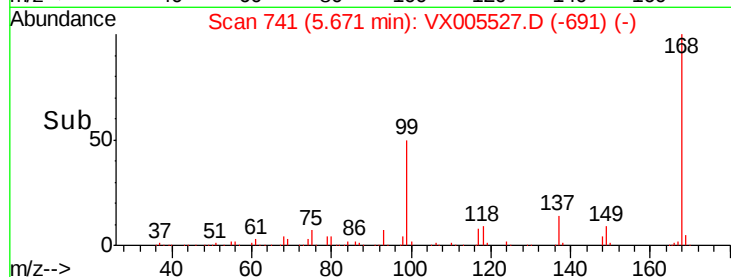
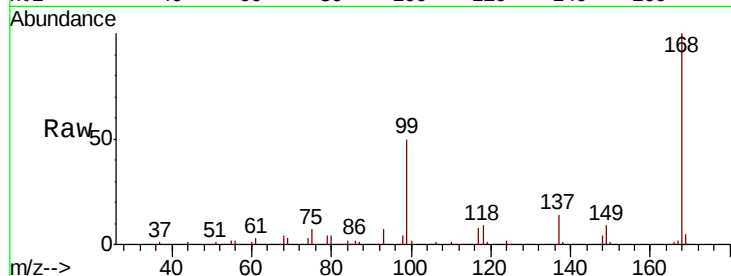




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 741
Delta R.T. 0.01 min
Lab File: VX005527.D
Acq: 23 Oct 2018 18:00

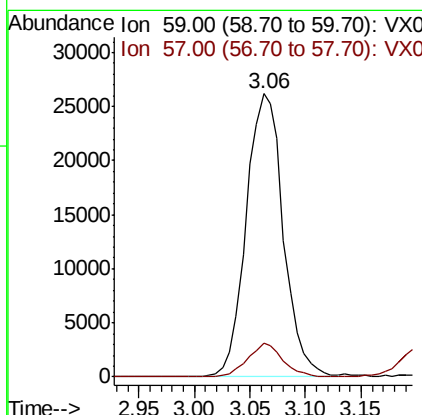
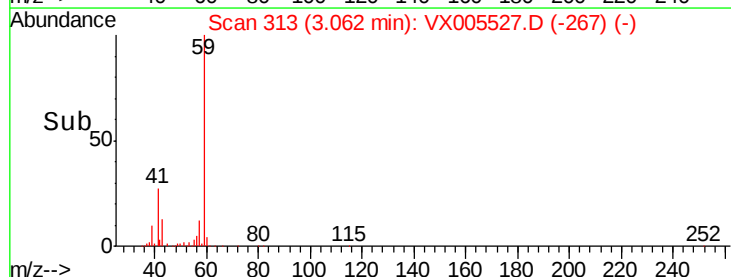
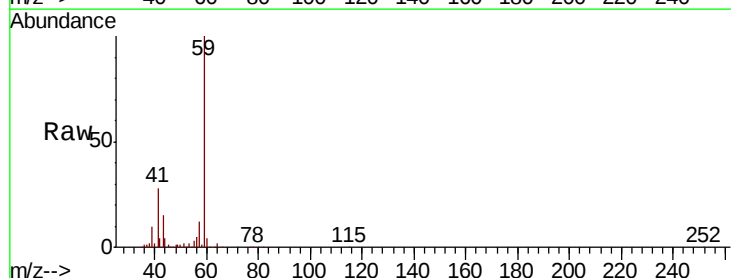
Instrument :
MSVOA_X
ClientSampled :
MW-3

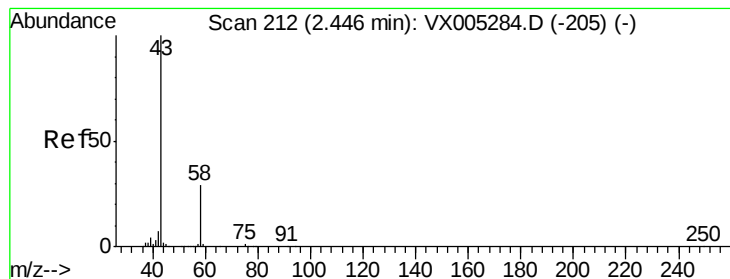
Tot Ion:168 Resp: 248714
Ion Ratio Lower Upper
168 100
99 49.9 39.9 59.9



#11
Tert butyl alcohol
Concen: 78.221 ug/l
RT: 3.06 min Scan# 313
Delta R.T. -0.02 min
Lab File: VX005527.D
Acq: 23 Oct 2018 18:00

Tgt Ion: 59 Resp: 60907
Ion Ratio Lower Upper
59 100
57 11.2 8.2 12.4





#16

Acetone

Concen: 2.000 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX005527.D

Acq: 23 Oct 2018 18:00

Instrument :

MSVOA_X

ClientSampleId :

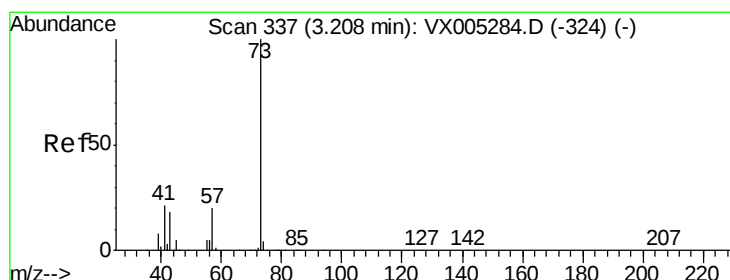
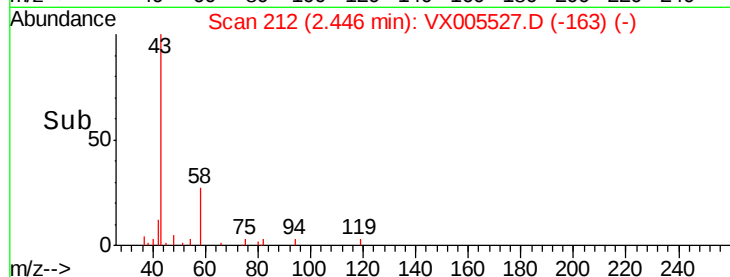
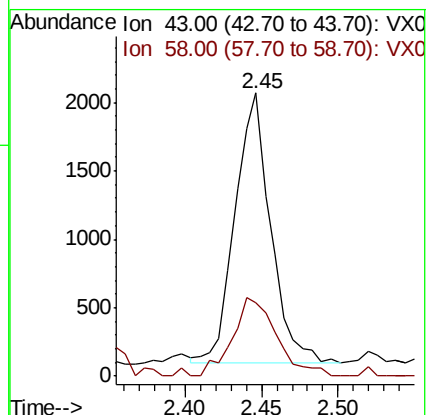
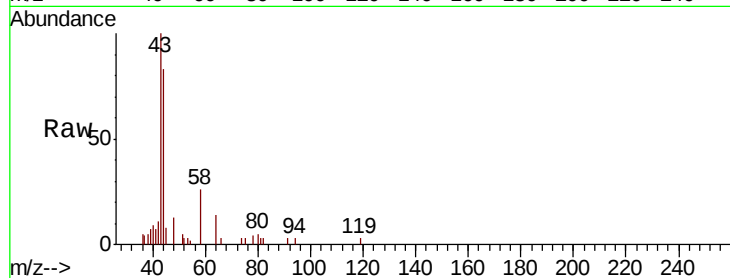
MW-3

Tot Ion: 43 Resp: 3192

Ion Ratio Lower Upper

43 100

58 27.4 26.2 39.4



#19

Methyl tert-butyl Ether

Concen: 4.006 ug/l

RT: 3.20 min Scan# 336

Delta R.T. -0.01 min

Lab File: VX005527.D

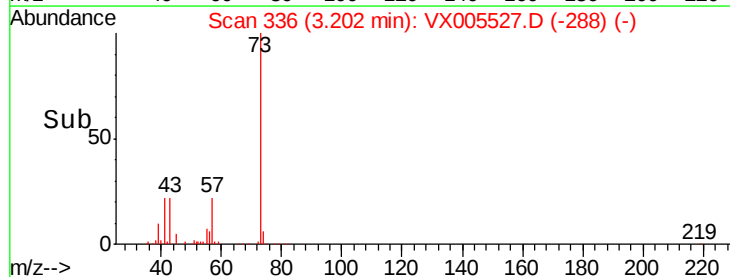
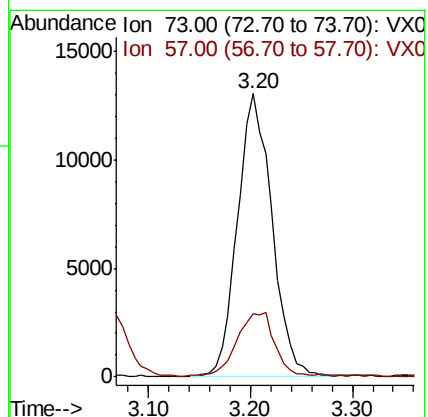
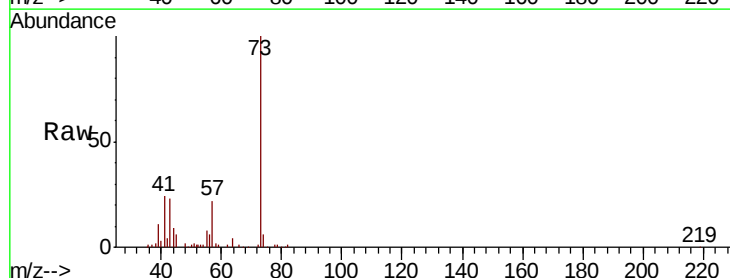
Acq: 23 Oct 2018 18:00

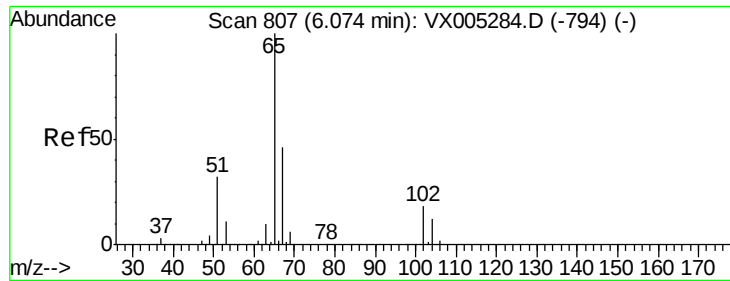
Tgt Ion: 73 Resp: 30733

Ion Ratio Lower Upper

73 100

57 22.0 17.1 25.7





#33

1,2-Dichloroethane-d4

Concen: 52.017 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX005527.D

Acq: 23 Oct 2018 18:00

Instrument :

MSVOA_X

ClientSampled :

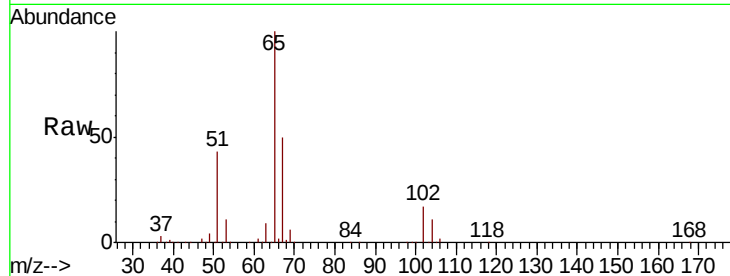
MW-3

Tot Ion: 65 Resp: 143585

Ion Ratio Lower Upper

65 100

67 54.2 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

60000

50000

40000

30000

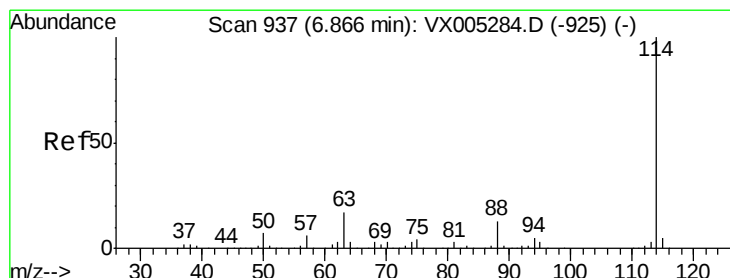
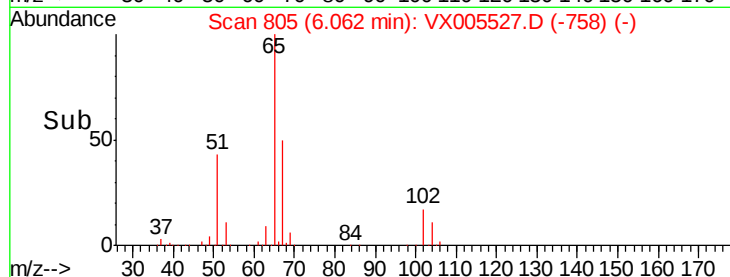
20000

10000

0

Time-->

5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. -0.01 min

Lab File: VX005527.D

Acq: 23 Oct 2018 18:00

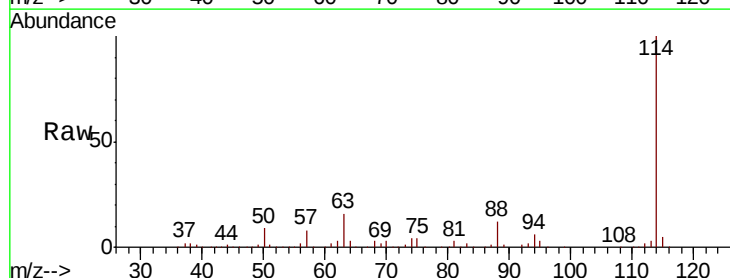
Tgt Ion: 114 Resp: 346262

Ion Ratio Lower Upper

114 100

63 16.2 0.0 39.0

88 12.5 0.0 30.4



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

200000

150000

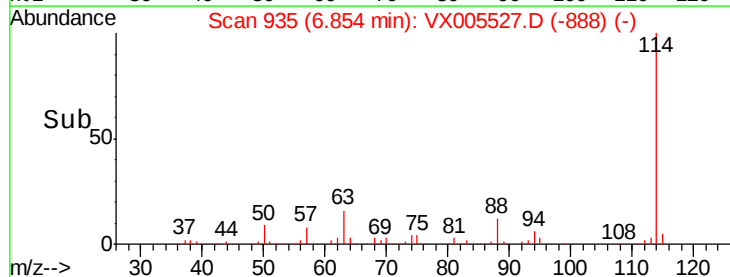
100000

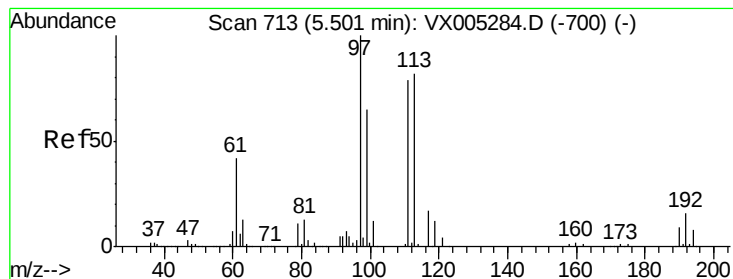
50000

0

Time-->

6.80 6.90 7.00





#35

Dibromofluoromethane

Concen: 52.857 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX005527.D

Acq: 23 Oct 2018 18:00

Instrument :

MSVOA_X

ClientSampled :

MW-3

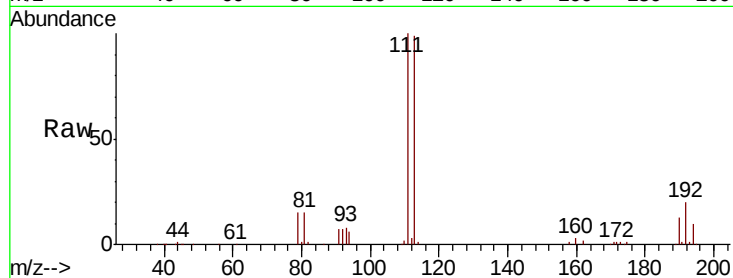
Tot Ion:113 Resp: 121222

Ion Ratio Lower Upper

113 100

111 104.0 82.4 123.6

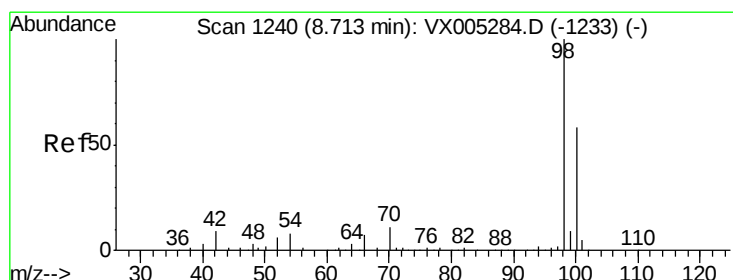
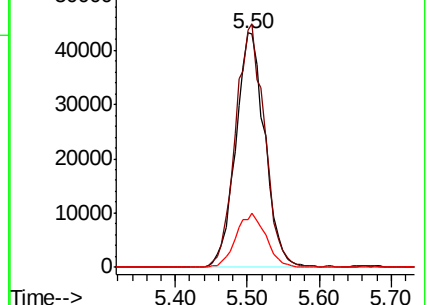
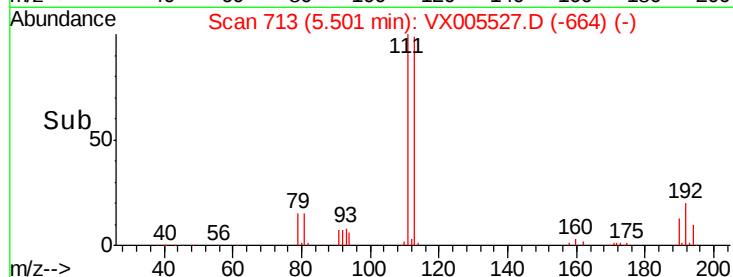
192 23.7 19.4 29.2



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: 48.455 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX005527.D

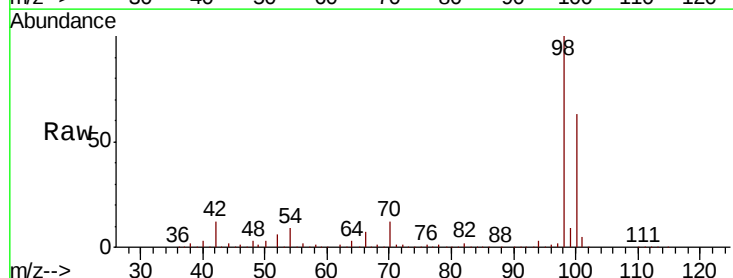
Acq: 23 Oct 2018 18:00

Tgt Ion: 98 Resp: 381503

Ion Ratio Lower Upper

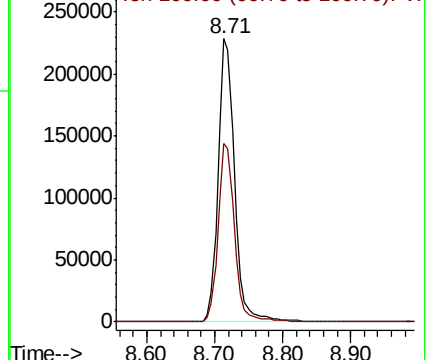
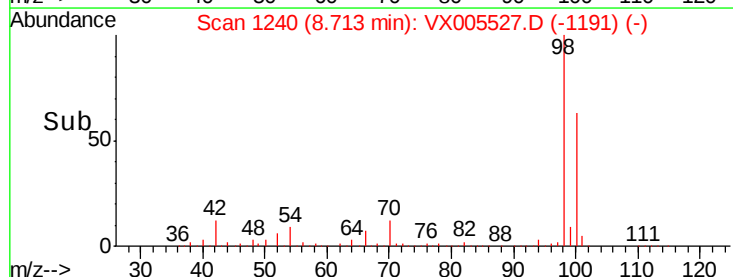
98 100

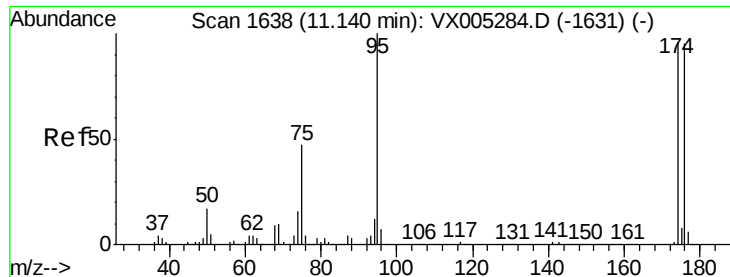
100 63.3 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 42.634 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX005527.D

Acq: 23 Oct 2018 18:00

Instrument :

MSVOA_X

ClientSampled :

MW-3

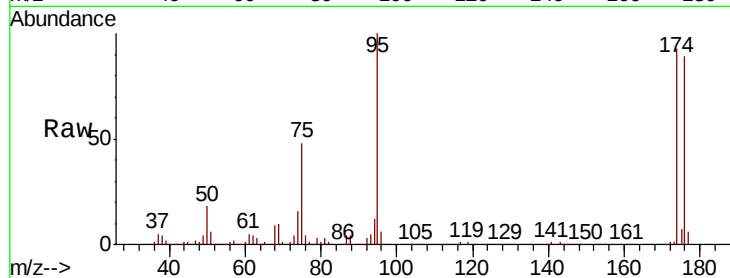
Tot Ion: 95 Resp: 126100

Ion Ratio Lower Upper

95 100

174 92.1 0.0 185.2

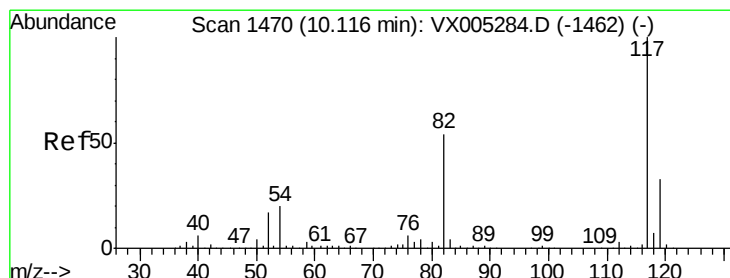
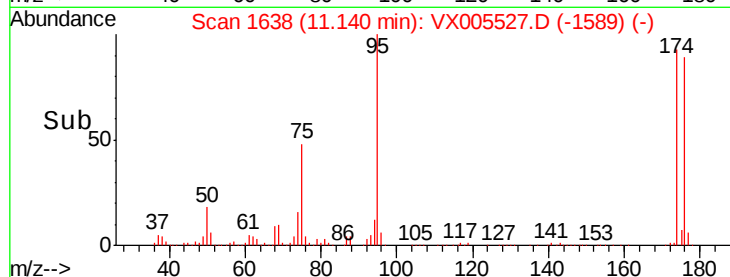
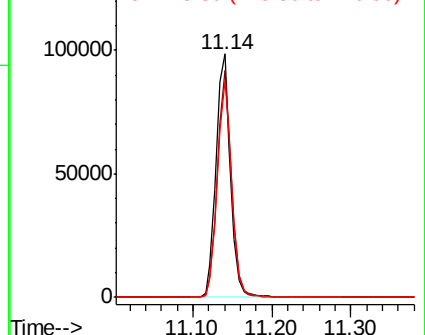
176 88.6 0.0 178.6



Abundance Ion 94.90 (94.60 to 95.60): VX005527.D (-1589) (-)

Ion 173.80 (173.50 to 174.50): VX005527.D (-1589) (-)

Ion 175.80 (175.50 to 176.50): VX005527.D (-1589) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VX005527.D

Acq: 23 Oct 2018 18:00

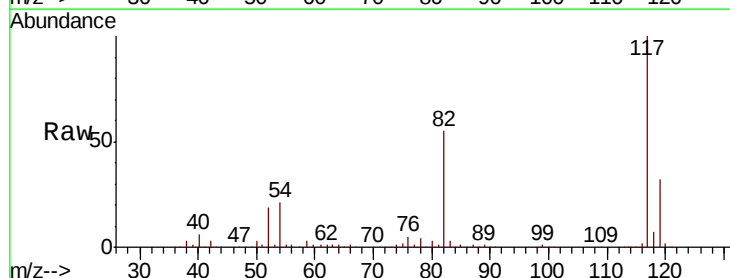
Tgt Ion: 117 Resp: 282396

Ion Ratio Lower Upper

117 100

82 54.5 47.8 71.6

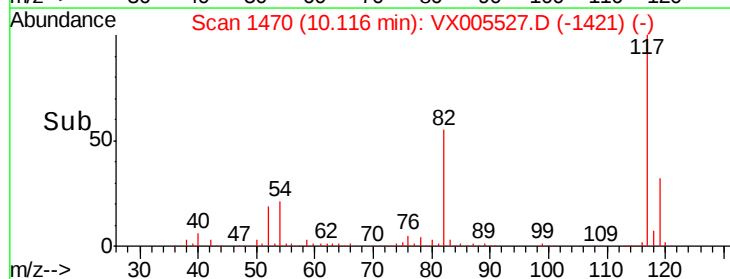
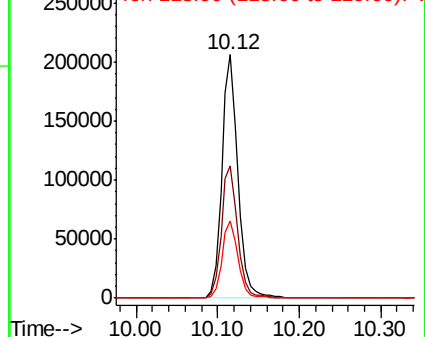
119 31.6 29.3 43.9

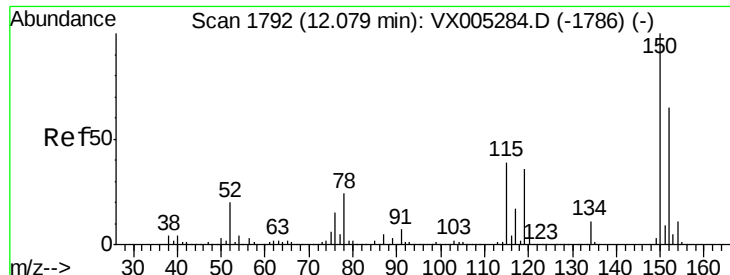


Abundance Ion 116.90 (116.60 to 117.60): VX005527.D (-1421) (-)

Ion 82.00 (81.70 to 82.70): VX005527.D (-1421) (-)

Ion 118.90 (118.60 to 119.60): VX005527.D (-1421) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX005527.D

Acq: 23 Oct 2018 18:00

Instrument :

MSVOA_X

ClientSampleId :

MW-3

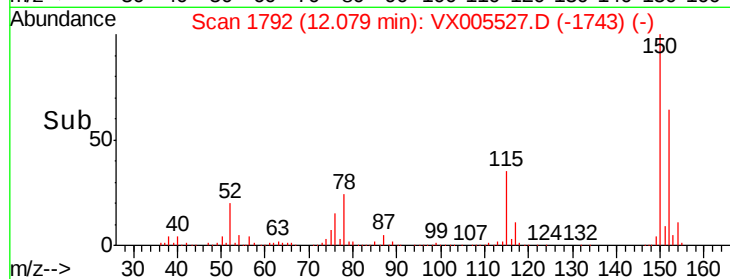
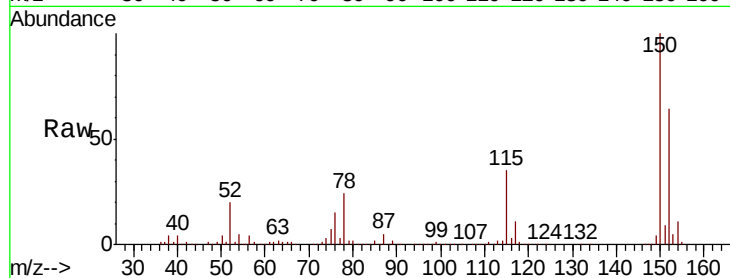
Tot Ion:152 Resp: 135433

Ion Ratio Lower Upper

152 100

115 55.4 39.0 117.0

150 156.6 0.0 351.0



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

