

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082918\
 Data File : VX004286.D
 Acq On : 29 Aug 2018 12:17
 Operator : JC/MD
 Sample : J4682-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW16-001-Y4S3

Quant Time: Aug 30 07:26:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 05:39:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	273397	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	428668	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	407604	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	225832	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	190366	53.42	ug/l	0.00
Spiked Amount						
			Recovery	=	106.84%	
35) Dibromofluoromethane	5.50	113	166229	52.13	ug/l	0.00
Spiked Amount						
			Recovery	=	104.26%	
50) Toluene-d8	8.71	98	603147	50.11	ug/l	0.00
Spiked Amount						
			Recovery	=	100.22%	
62) 4-Bromofluorobenzene	11.14	95	211230	47.03	ug/l	0.00
Spiked Amount						
			Recovery	=	94.06%	

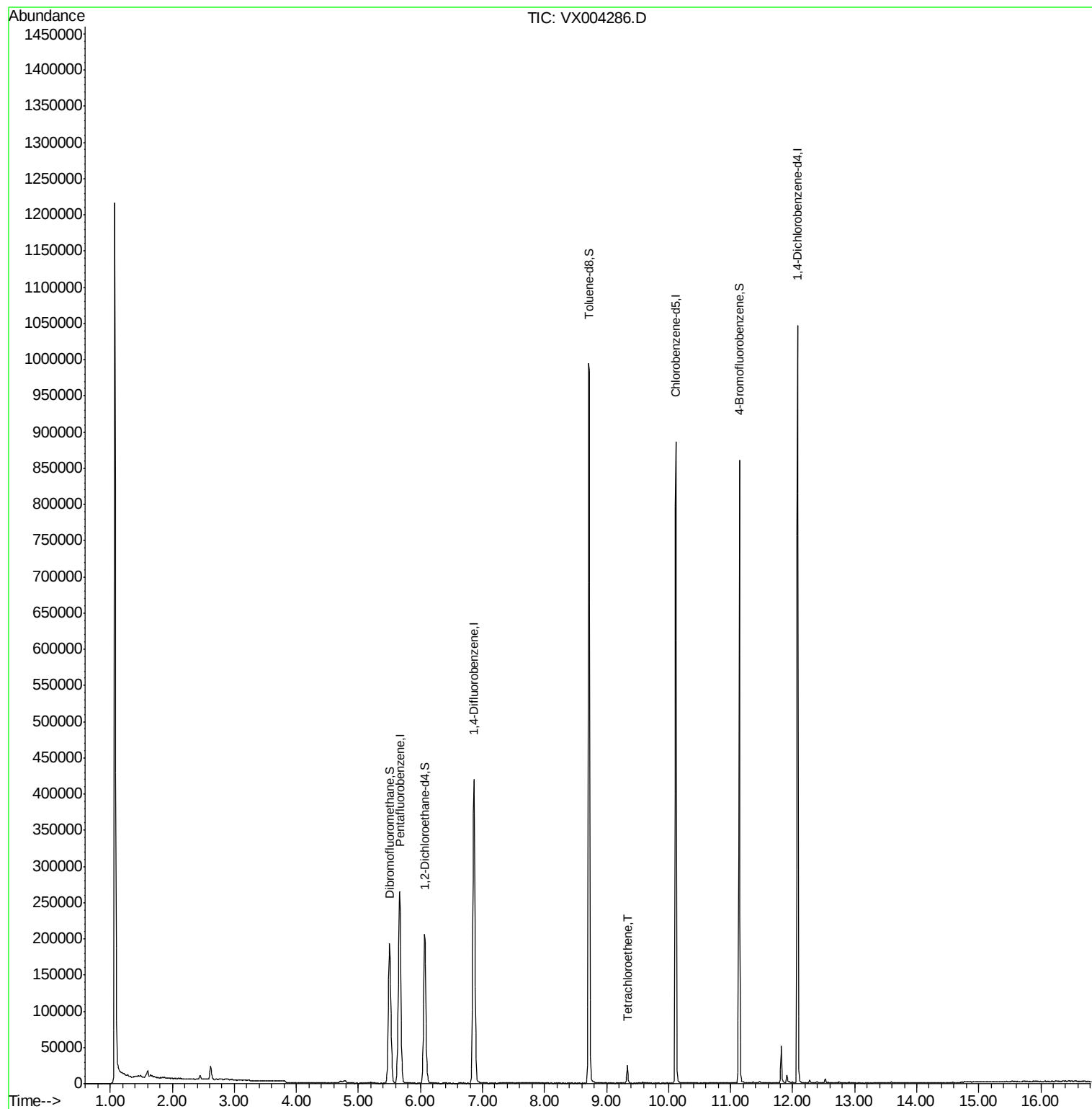
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
64) Tetrachloroethene	9.34	164	4920	1.22	ug/l	95

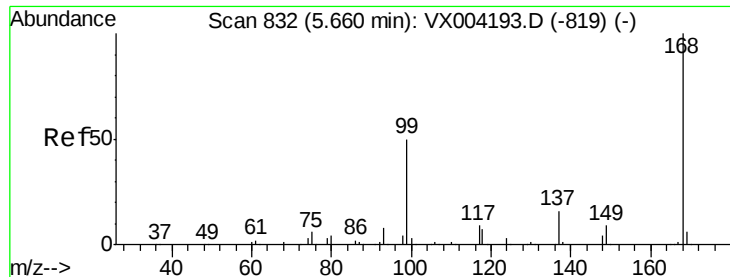
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.01 min

Lab File: VX004286.D

Acq: 29 Aug 2018 12:17

Instrument :

MSVOA_X

ClientSampleId :

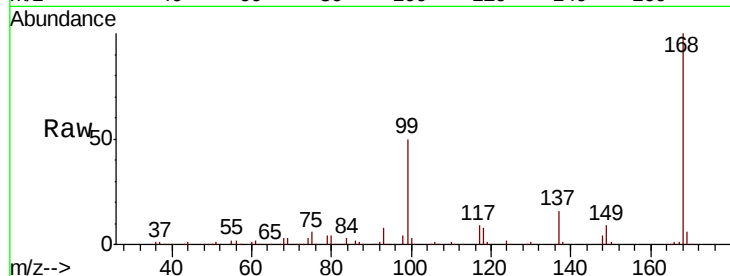
MW16-001-Y4S3

Tot Ion:168 Resp: 273397

Ion Ratio Lower Upper

168 100

99 49.9 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

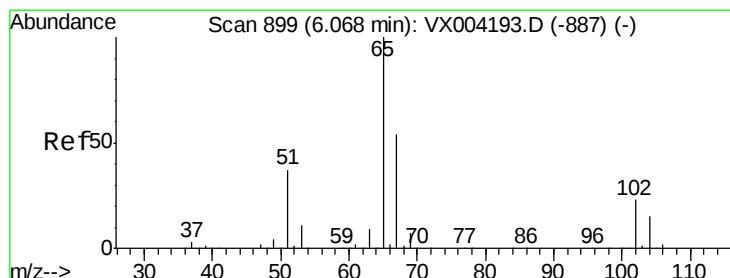
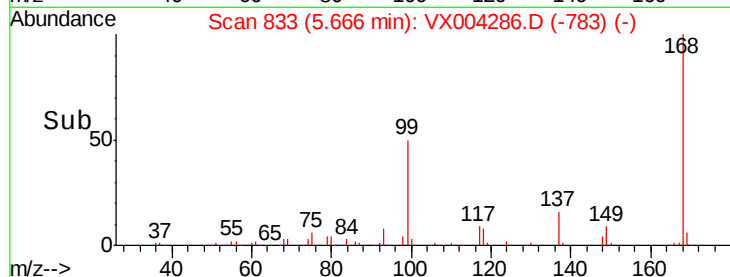
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 53.42 ug/l

RT: 6.07 min Scan# 899

Delta R.T. -0.00 min

Lab File: VX004286.D

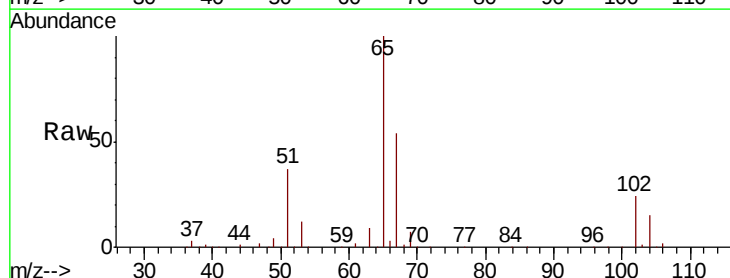
Acq: 29 Aug 2018 12:17

Tgt Ion: 65 Resp: 190366

Ion Ratio Lower Upper

65 100

67 52.9 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

80000

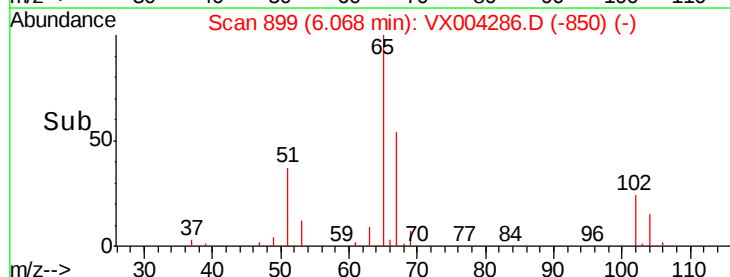
60000

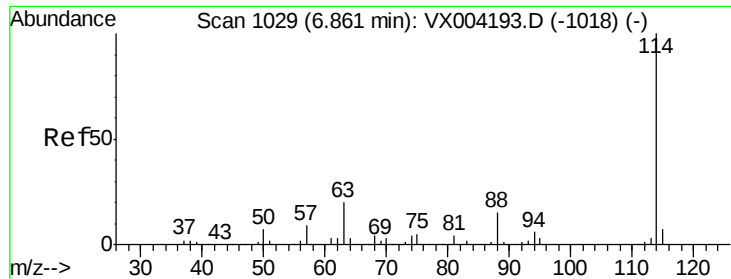
40000

20000

0

Time--> 5.90 6.00 6.10 6.20

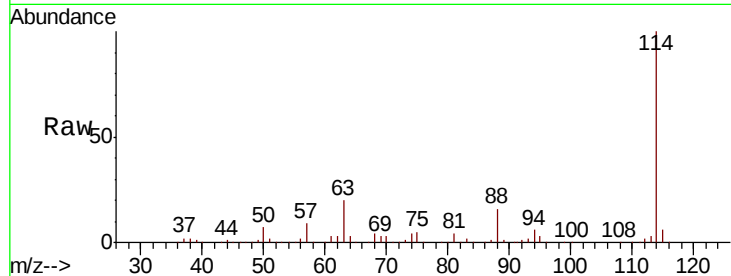




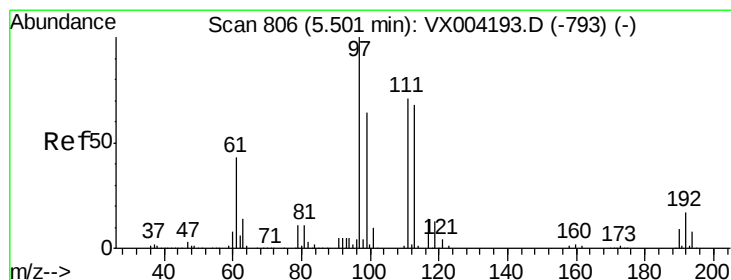
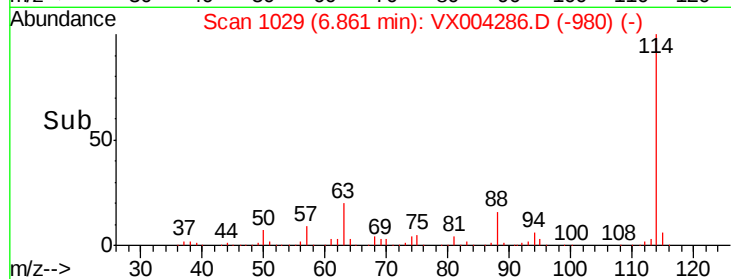
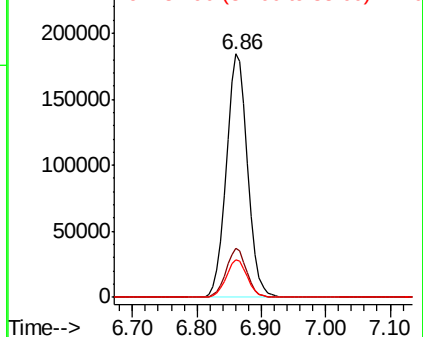
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. 0.00 min
 Lab File: VX004286.D
 Acq: 29 Aug 2018 12:17

Instrument :
 MSVOA_X
 ClientSampleId :
 MW16-001-Y4S3

Tot Ion:114 Resp: 428668
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 39.0
 88 15.7 0.0 30.4

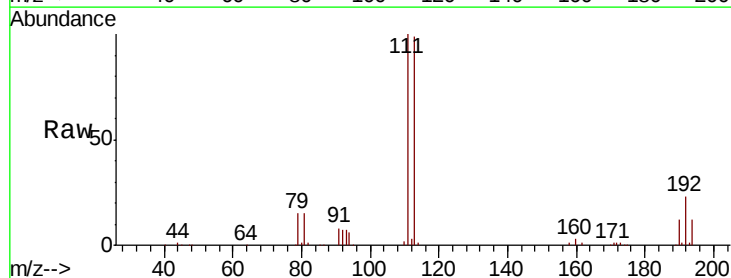


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

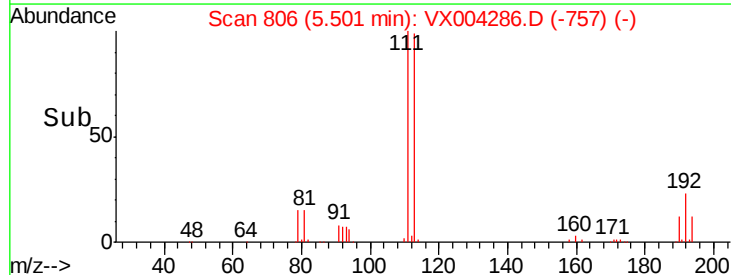
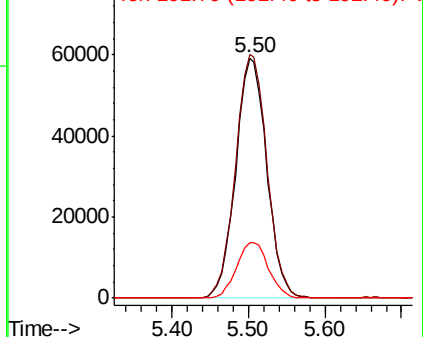


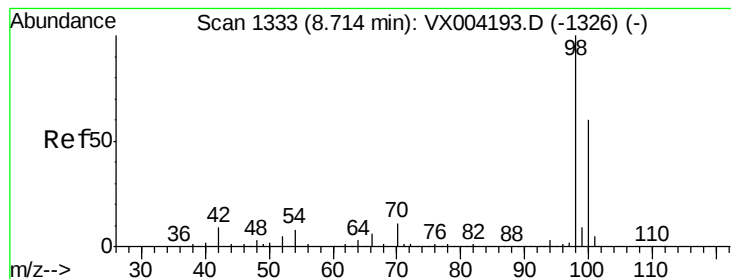
#35
 Dibromofluoromethane
 Concen: 52.13 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX004286.D
 Acq: 29 Aug 2018 12:17

Tgt Ion:113 Resp: 166229
 Ion Ratio Lower Upper
 113 100
 111 102.7 82.4 123.6
 192 23.8 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: 50.11 ug/l

RT: 8.71 min Scan# 1333

Delta R.T. -0.00 min

Lab File: VX004286.D

Acq: 29 Aug 2018 12:17

Instrument :

MSVOA_X

ClientSampleId :

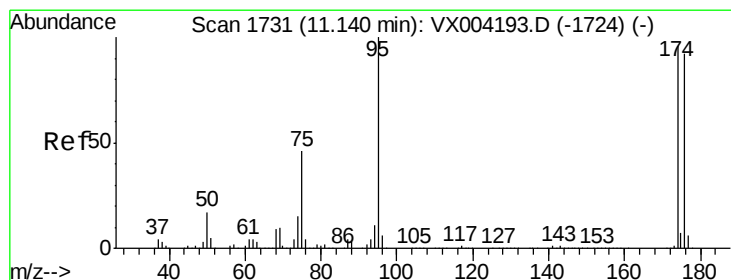
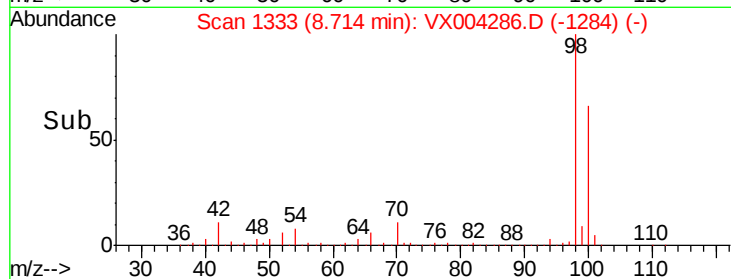
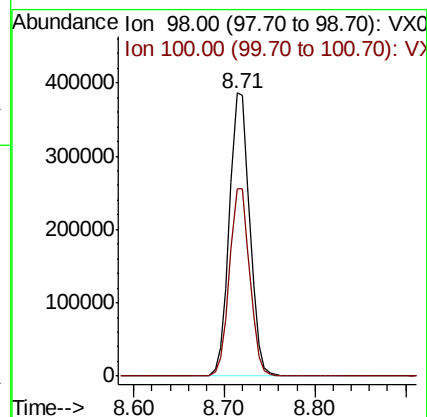
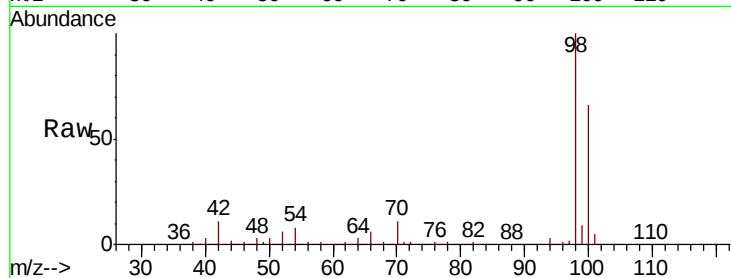
MW16-001-Y4S3

Tot Ion: 98 Resp: 603147

Ion Ratio Lower Upper

98 100

100 66.0 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 47.03 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX004286.D

Acq: 29 Aug 2018 12:17

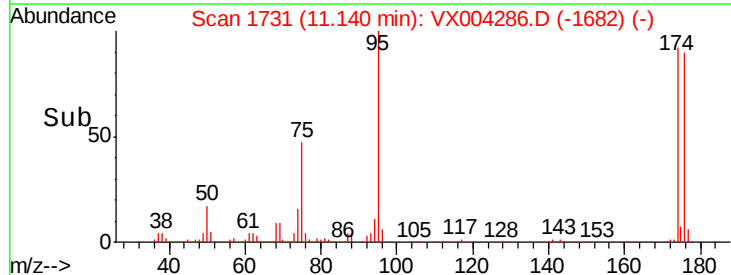
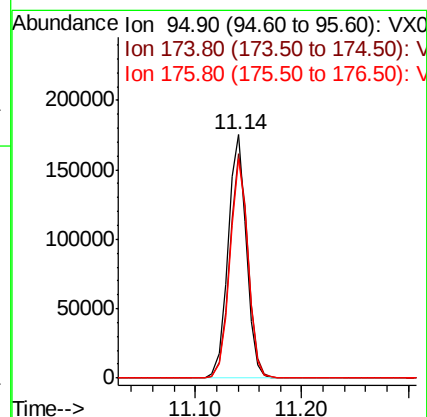
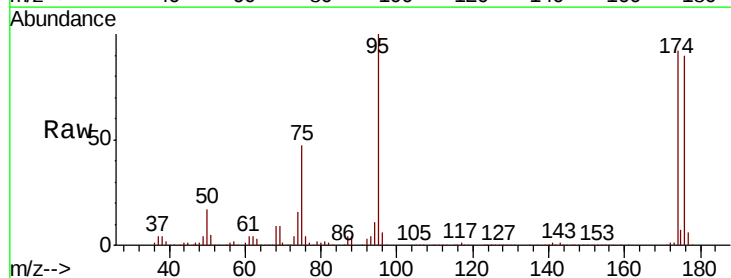
Tgt Ion: 95 Resp: 211230

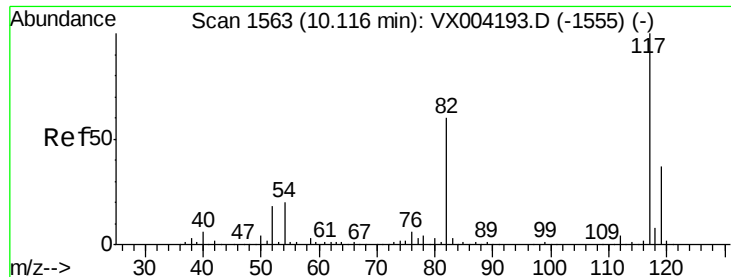
Ion Ratio Lower Upper

95 100

174 92.7 0.0 185.2

176 89.3 0.0 178.6





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VX004286.D

Acq: 29 Aug 2018 12:17

Instrument :

MSVOA_X

ClientSampleId :

MW16-001-Y4S3

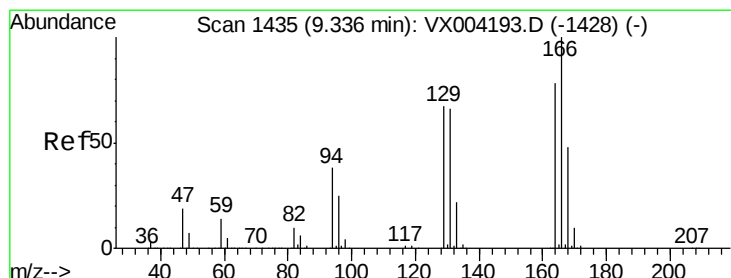
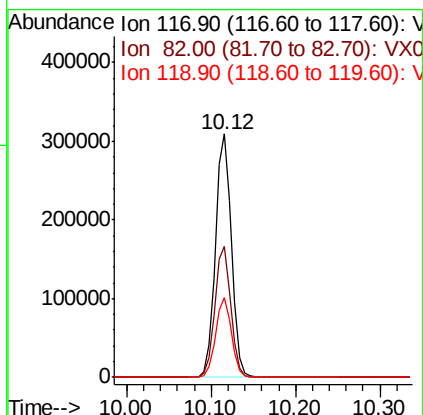
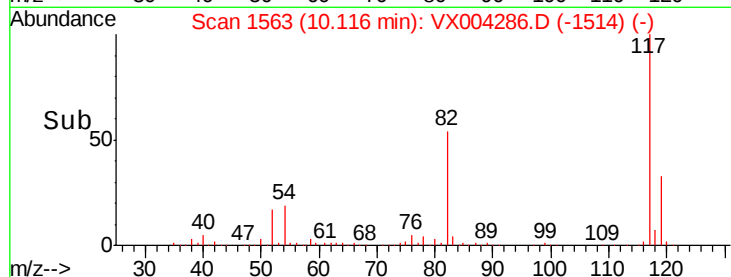
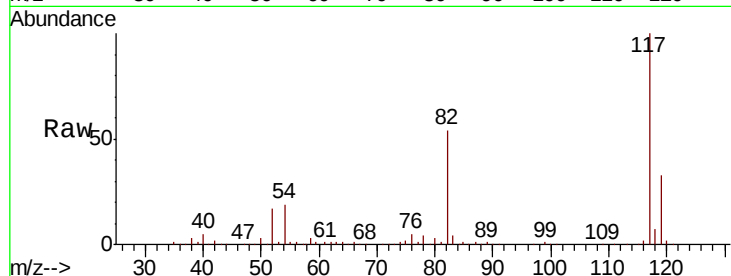
Tot Ion:117 Resp: 407604

Ion Ratio Lower Upper

117 100

82 53.7 47.8 71.6

119 32.7 29.3 43.9



#64

Tetrachloroethene

Concen: 1.22 ug/l

RT: 9.34 min Scan# 1435

Delta R.T. 0.00 min

Lab File: VX004286.D

Acq: 29 Aug 2018 12:17

Tgt Ion:164 Resp: 4920

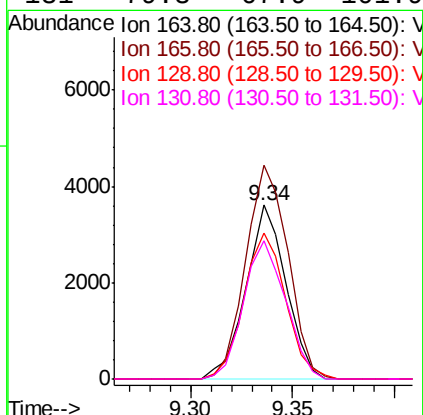
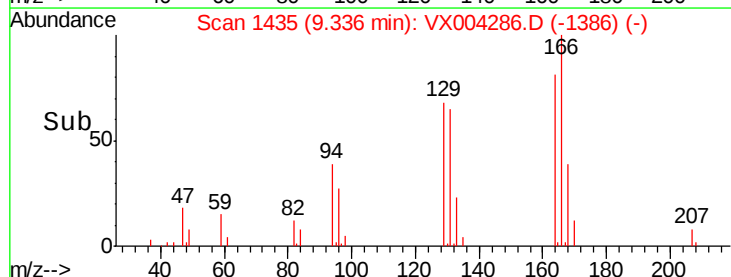
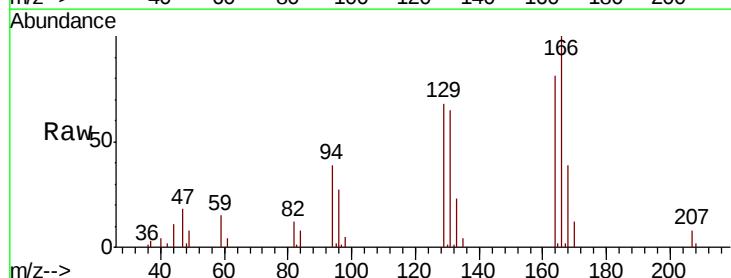
Ion Ratio Lower Upper

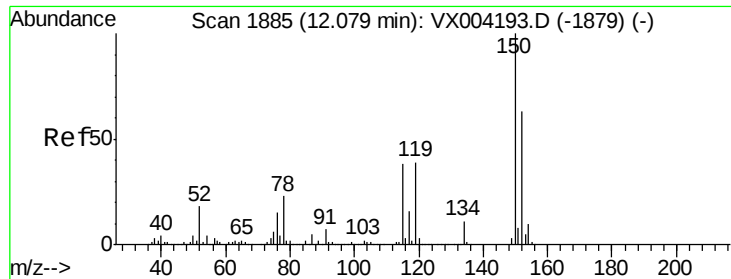
164 100

166 122.9 102.8 154.2

129 84.0 69.4 104.0

131 79.3 67.9 101.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX004286.D

Acq: 29 Aug 2018 12:17

Instrument :

MSVOA_X

ClientSampleId :

MW16-001-Y4S3

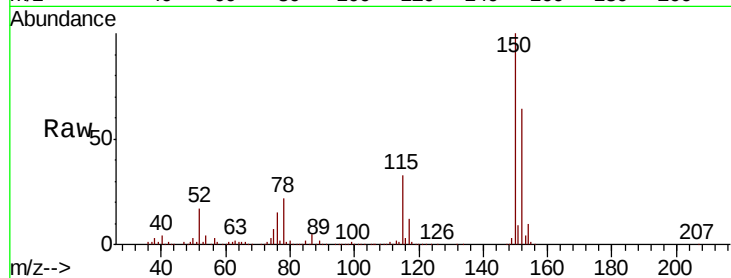
Tot Ion:152 Resp: 225832

Ion Ratio Lower Upper

152 100

115 53.3 39.0 117.0

150 150.4 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

