

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082918\
 Data File : VX004287.D
 Acq On : 29 Aug 2018 12:43
 Operator : JC/MD
 Sample : J4681-14
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CPA-CPMW10D-M12W4-082318

Quant Time: Aug 30 07:26:15 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

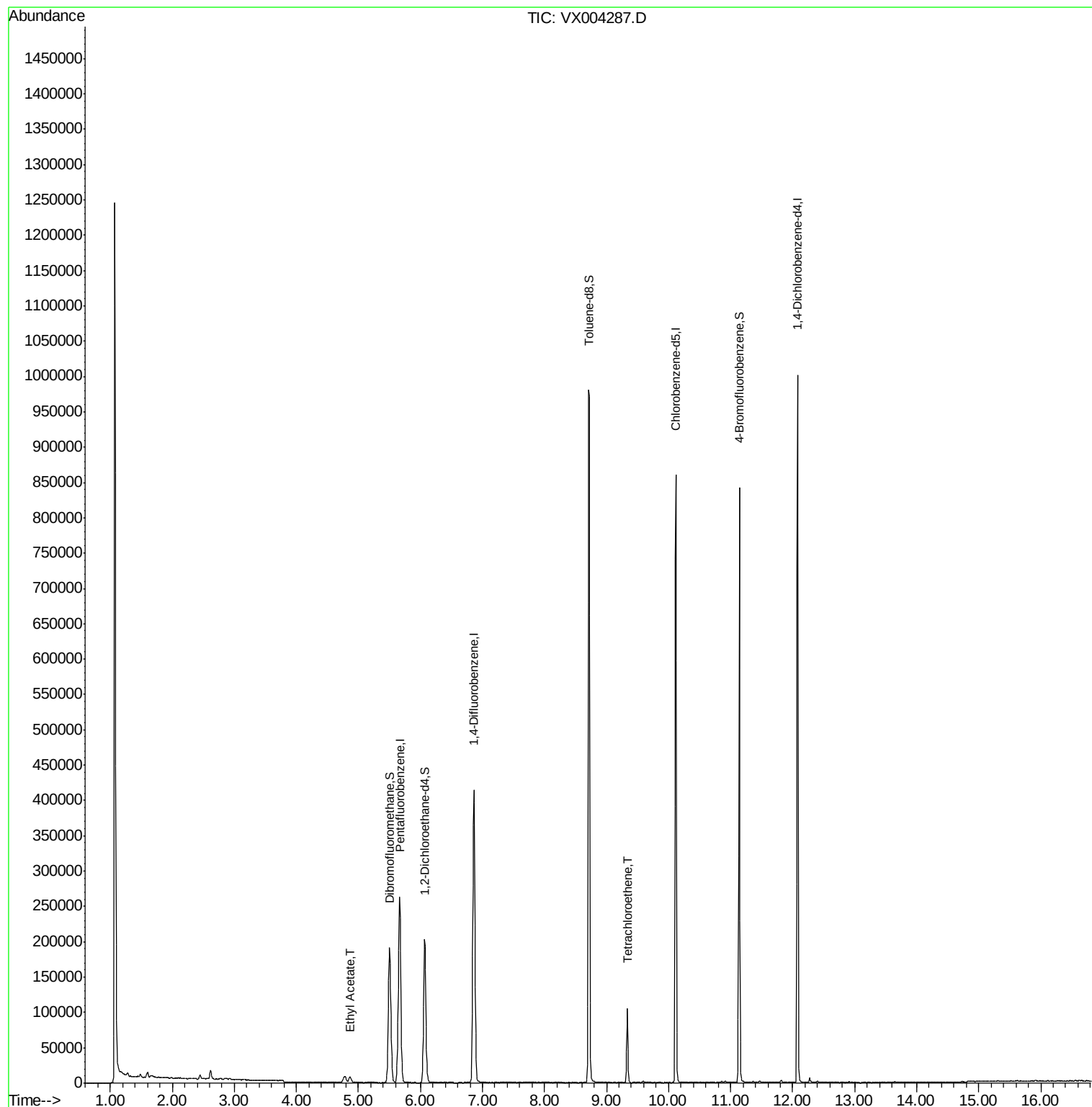
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	272780	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	425032	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	391980	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	209953	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	186942	52.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.16%	
35) Dibromofluoromethane	5.50	113	166426	52.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.26%	
50) Toluene-d8	8.71	98	600425	50.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.62%	
62) 4-Bromofluorobenzene	11.14	95	212815	47.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.58%	
Target Compounds						
37) Ethyl Acetate	4.86	43	13926	2.96	ug/l	96
64) Tetrachloroethene	9.34	164	21506	5.55	ug/l	98

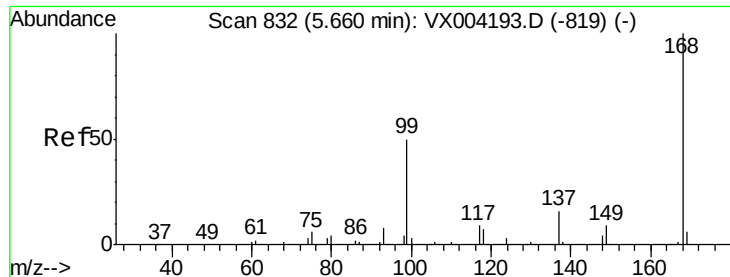
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX004287.D

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Instrument :

MSVOA_X

ClientSampleId :

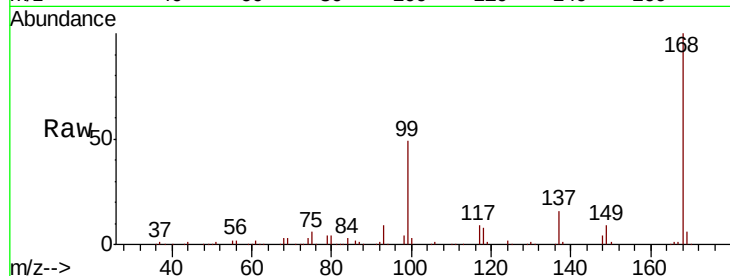
CPA-CPMW10D-M12W4-082318

Tot Ion:168 Resp: 272780

Ion Ratio Lower Upper

168 100

99 48.9 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): VX004287.D (-819) (-)

Ion 98.90 (98.60 to 99.60): VX004287.D (-819) (-)

5.67

100000

80000

60000

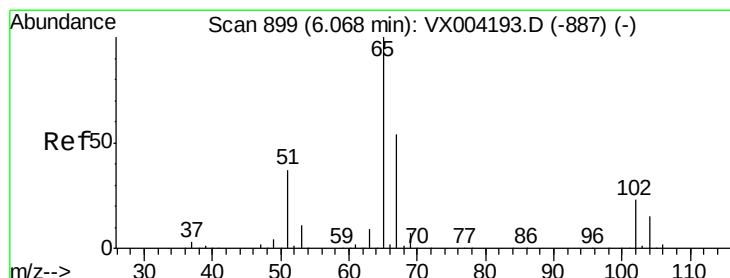
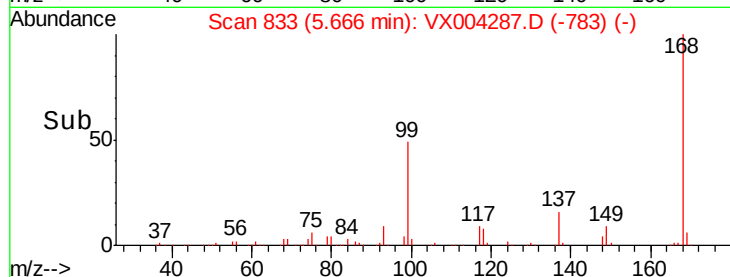
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 52.58 ug/l

RT: 6.07 min Scan# 899

Delta R.T. 0.00 min

Lab File: VX004287.D

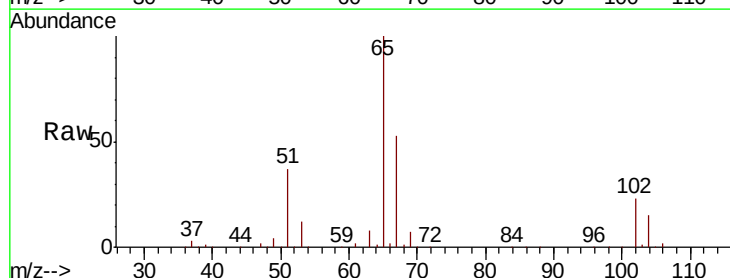
Acq: 29 Aug 2018 12:43

Tgt Ion: 65 Resp: 186942

Ion Ratio Lower Upper

65 100

67 53.6 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VX004287.D (-887) (-)

Ion 66.90 (66.60 to 67.60): VX004287.D (-887) (-)

6.07

80000

60000

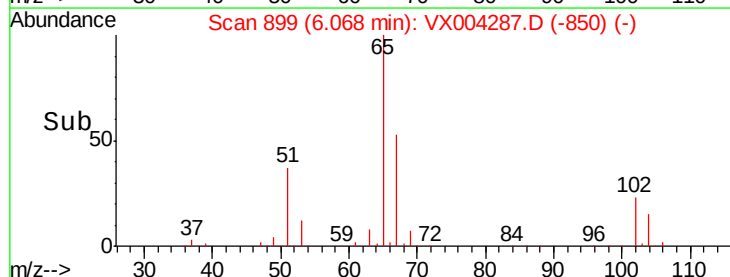
40000

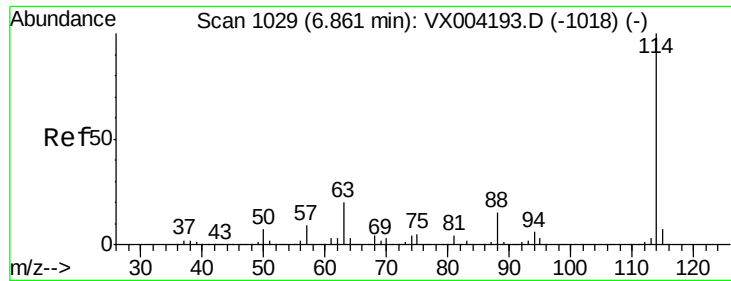
20000

0

Time-->

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: VX004287.D

Acq: 29 Aug 2018 12:43

Instrument :

MSVOA_X

ClientSampleId :

CPA-CPMW10D-M12W4-082318

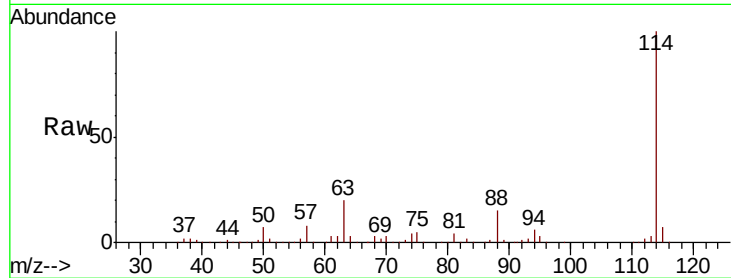
Tot Ion:114 Resp: 425032

Ion Ratio Lower Upper

114 100

63 19.7 0.0 39.0

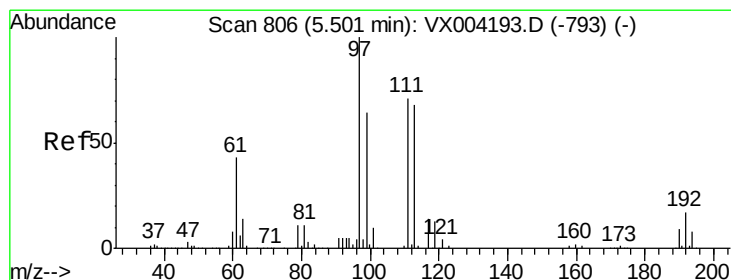
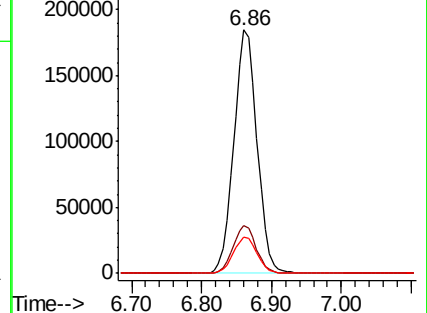
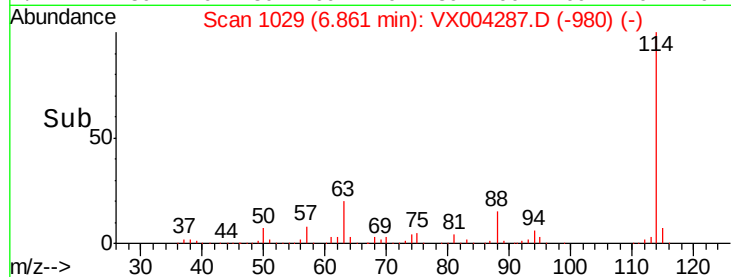
88 15.1 0.0 30.4



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: 52.63 ug/l

RT: 5.50 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX004287.D

Acq: 29 Aug 2018 12:43

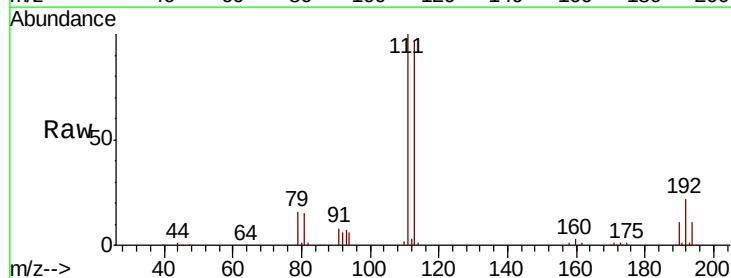
Tgt Ion:113 Resp: 166426

Ion Ratio Lower Upper

113 100

111 101.5 82.4 123.6

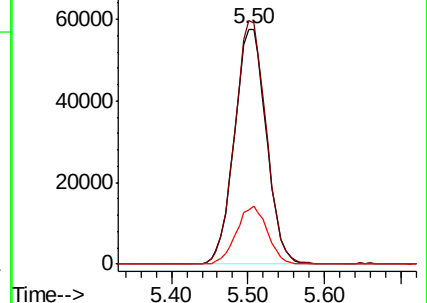
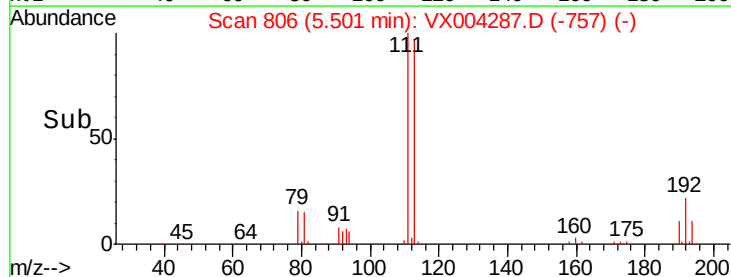
192 24.0 19.4 29.2

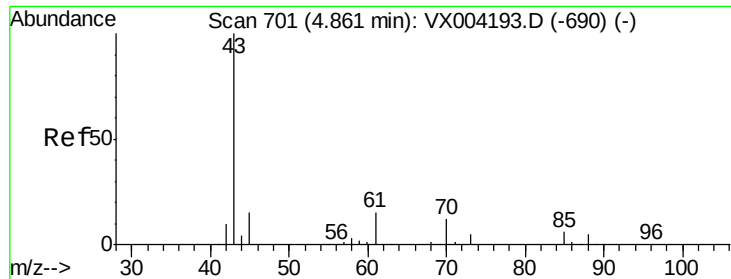


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

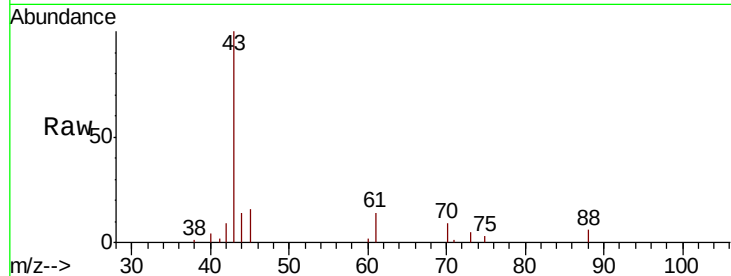




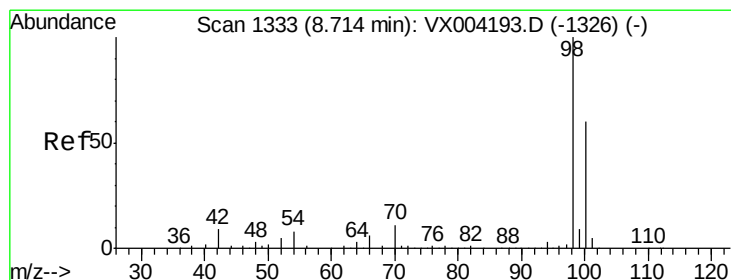
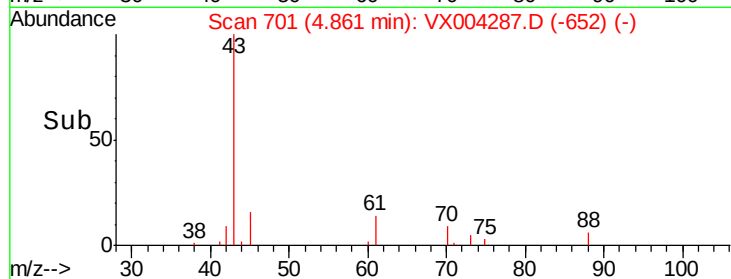
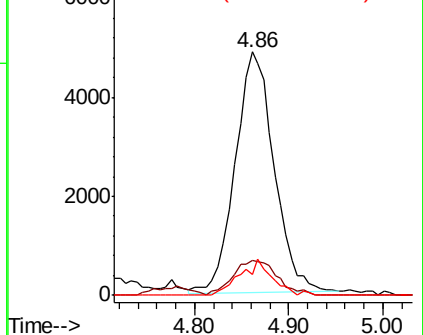
#37
Ethyl Acetate
Concen: 2.96 ug/l
RT: 4.86 min Scan# 701
Delta R.T. 0.00 min
Lab File: VX004287.D
Acq: 29 Aug 2018 12:43

Instrument :
MSVOA_X
ClientSampleId :
CPA-CPMW10D-M12W4-082318

Tot Ion: 43 Resp: 13926
Ion Ratio Lower Upper
43 100
61 16.6 11.5 17.3
70 12.1 9.0 13.6

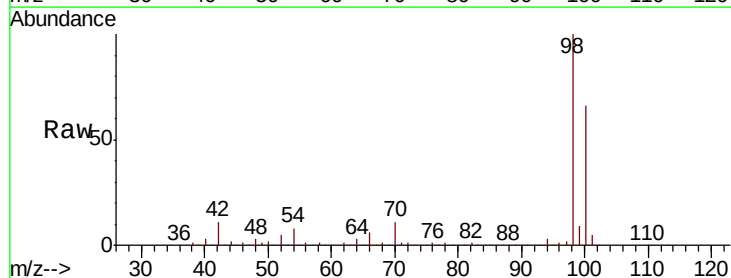


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

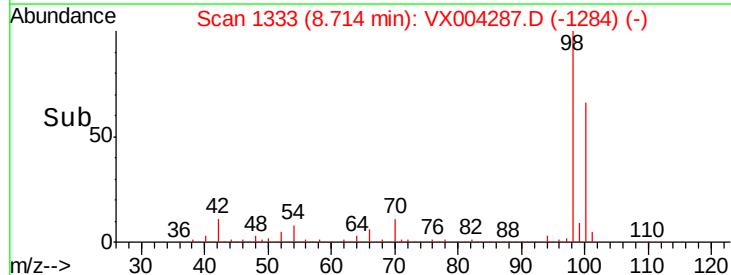
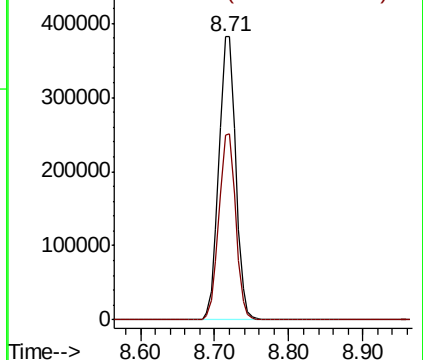


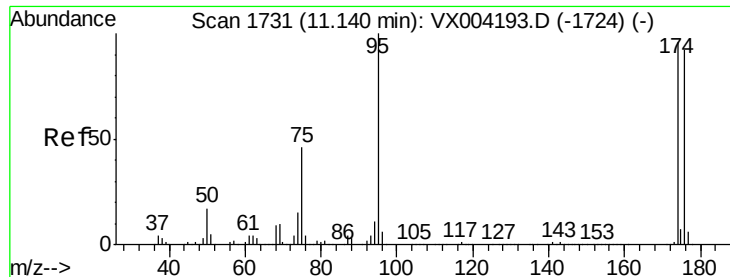
#50
Toluene-d8
Concen: 50.31 ug/l
RT: 8.71 min Scan# 1333
Delta R.T. 0.00 min
Lab File: VX004287.D
Acq: 29 Aug 2018 12:43

Tgt Ion: 98 Resp: 600425
Ion Ratio Lower Upper
98 100
100 65.4 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V

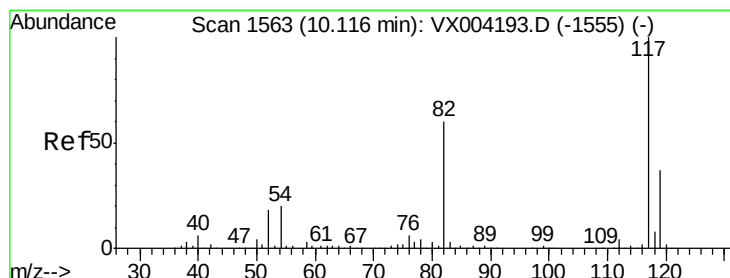
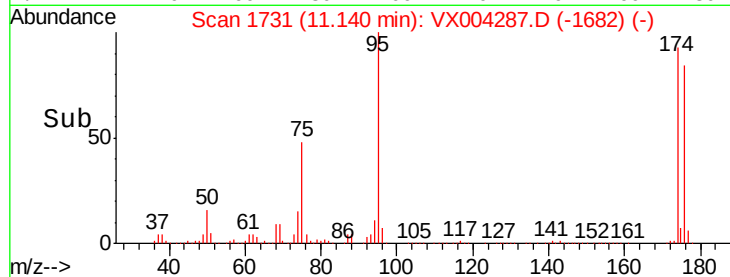
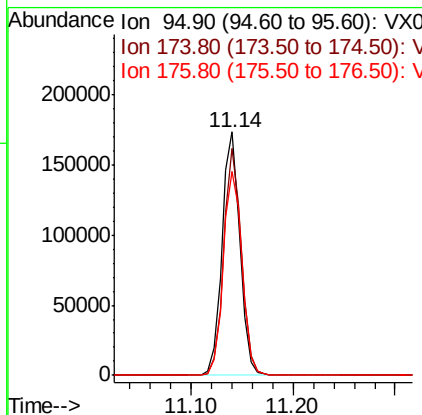
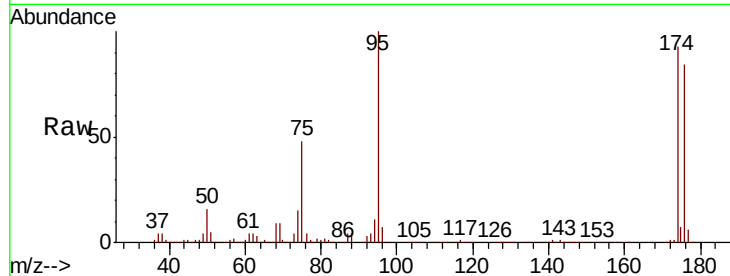




#62
4-Bromofluorobenzene
Concen: 47.79 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX004287.D
Acq: 29 Aug 2018 12:43

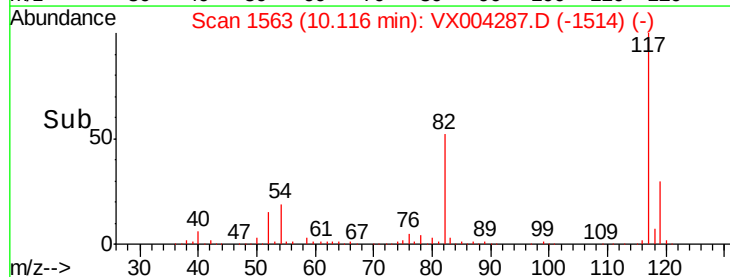
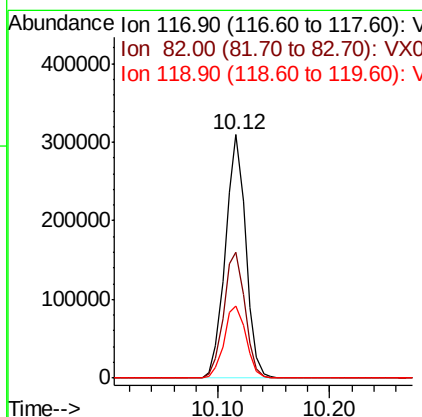
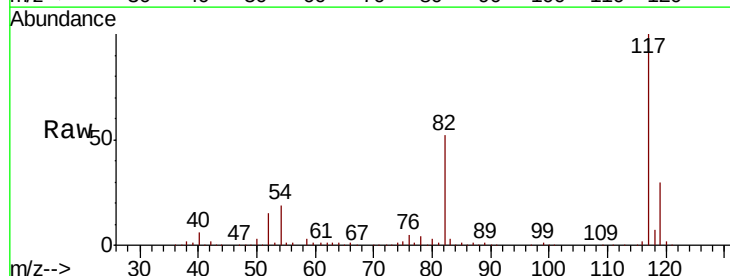
Instrument :
MSVOA_X
ClientSampleId :
CPA-CPMW10D-M12W4-082318

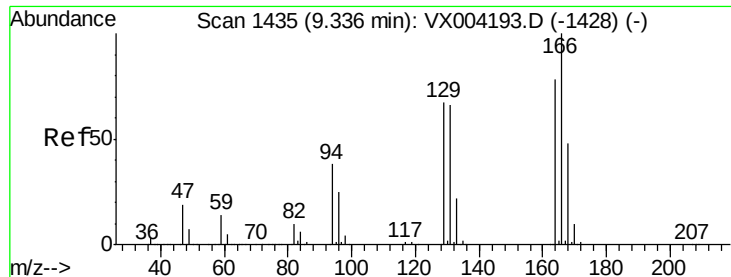
Tot Ion	95	Resp	212815
Ion Ratio	Lower	Upper	
95	100		
174	92.0	0.0	185.2
176	87.2	0.0	178.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX004287.D
Acq: 29 Aug 2018 12:43

Tgt Ion	117	Resp	391980
Ion Ratio	Lower	Upper	
117	100		
82	51.7	47.8	71.6
119	29.8	29.3	43.9





#64

Tetrachloroethene

Concen: 5.55 ug/l

RT: 9.34 min Scan# 1435

Delta R.T. 0.00 min

Lab File: VX004287.D

Acq: 29 Aug 2018 12:43

Instrument :

MSVOA_X

ClientSampleId :

CPA-CPMW10D-M12W4-082318

Tot Ion:164 Resp: 21506

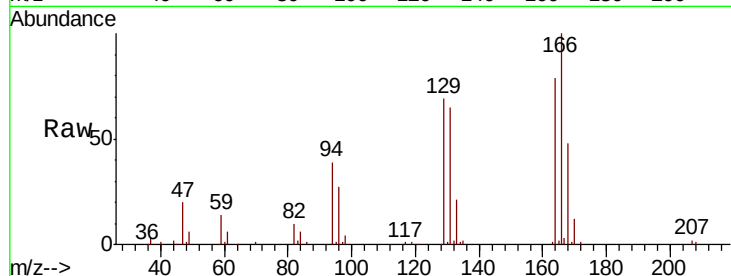
Ion Ratio Lower Upper

164 100

166 126.9 102.8 154.2

129 88.2 69.4 104.0

131 82.8 67.9 101.9



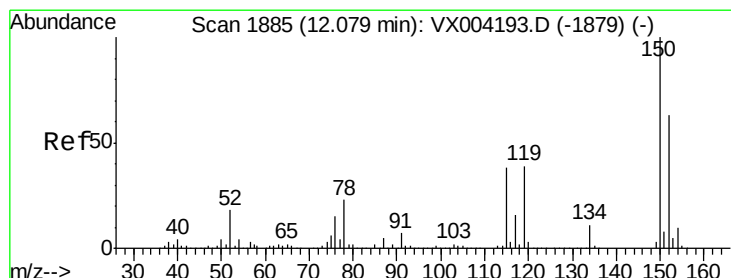
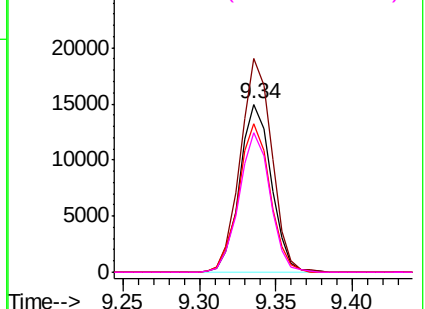
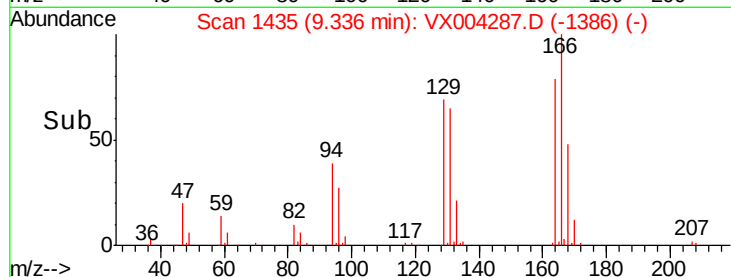
Abundance

Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX004287.D

Acq: 29 Aug 2018 12:43

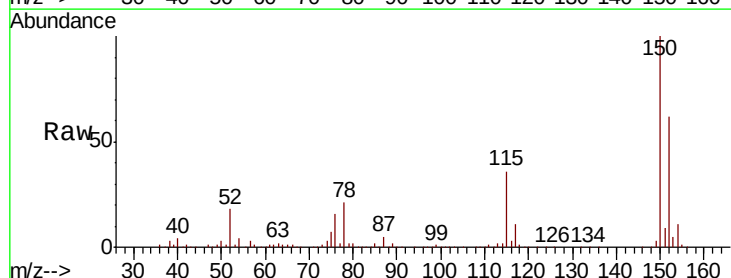
Tgt Ion:152 Resp: 209953

Ion Ratio Lower Upper

152 100

115 55.2 39.0 117.0

150 160.0 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

