

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082918\
 Data File : VX004293.D
 Acq On : 29 Aug 2018 15:24
 Operator : JC/MD
 Sample : J4681-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CPA-CPMW02D-M12W4-082318

Quant Time: Aug 30 07:22:54 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	5.66	168	271001	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	421775	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	406486	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	211936	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	189712	53.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.42%	
35) Dibromofluoromethane	5.50	113	166429	53.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.08%	
50) Toluene-d8	8.71	98	596716	50.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.76%	
62) 4-Bromofluorobenzene	11.14	95	204297	46.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.46%	

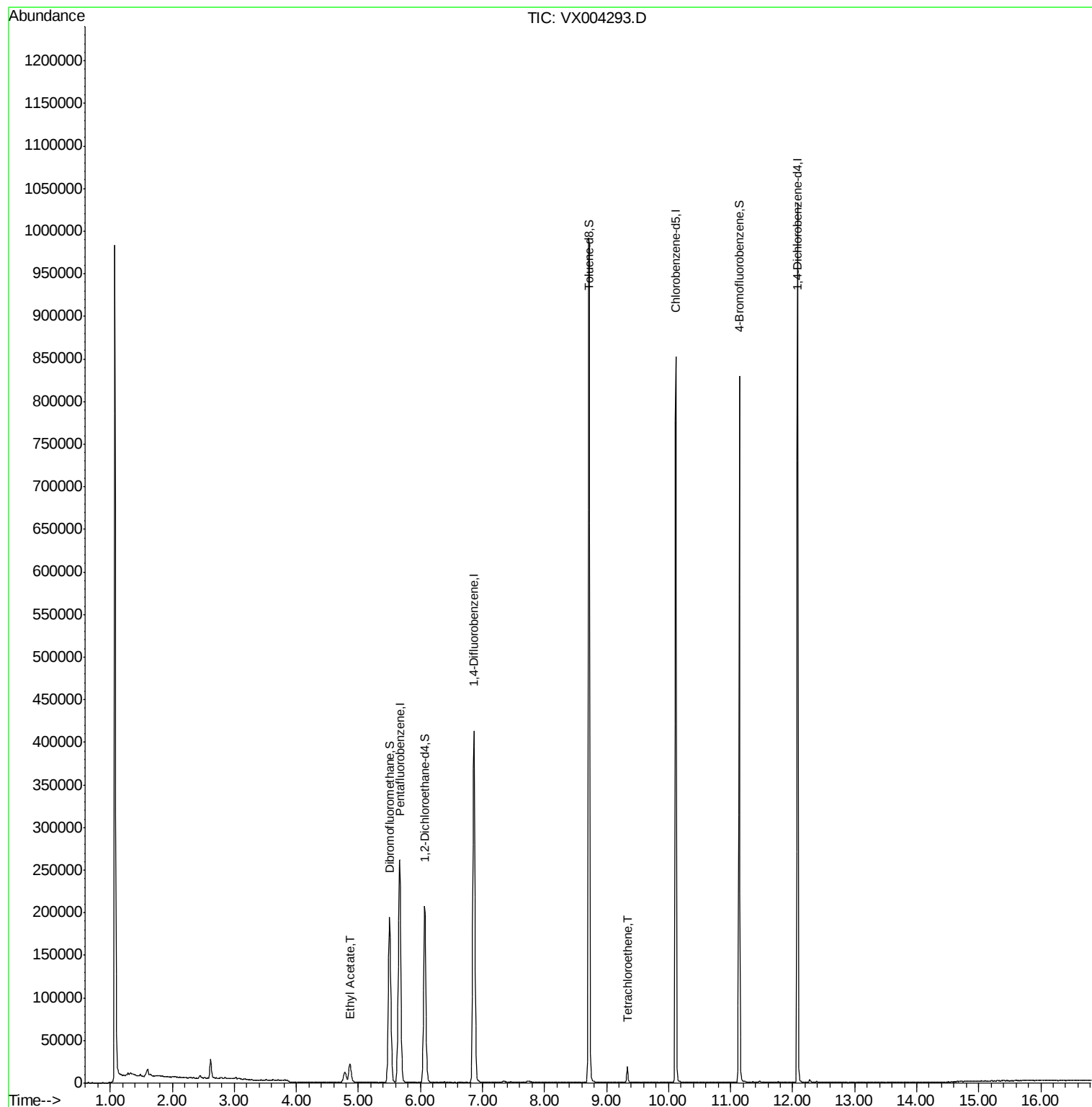
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
37) Ethyl Acetate	4.87	43	37266	7.99	ug/l	97
64) Tetrachloroethene	9.34	164	3763	0.94	ug/l	96

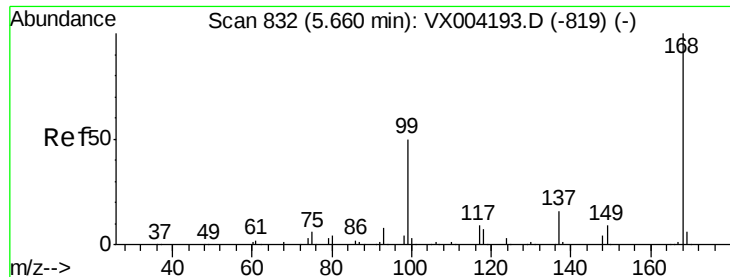
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Aug 23 05:39:44 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 832

Delta R.T. -0.00 min

Lab File: VX004293.D

Acq: 29 Aug 2018 15:24

Instrument :

MSVOA_X

ClientSampleId :

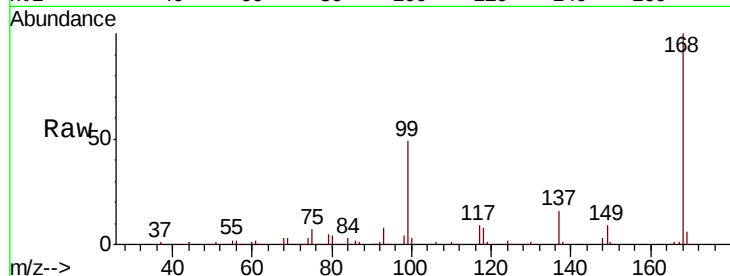
CPA-CPMW02D-M12W4-082318

Tot Ion:168 Resp: 271001

Ion Ratio Lower Upper

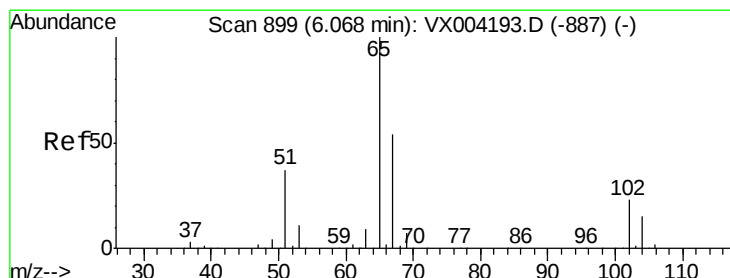
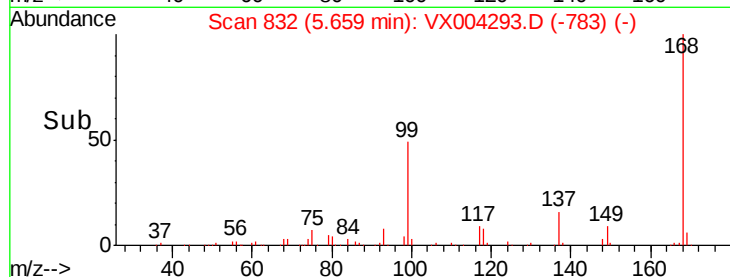
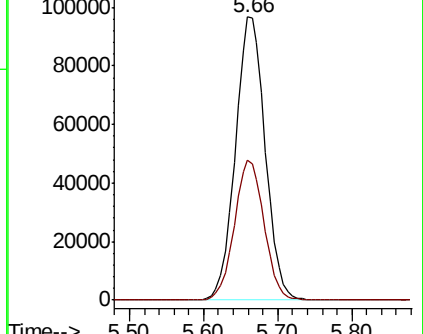
168 100

99 49.5 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 53.71 ug/l

RT: 6.07 min Scan# 899

Delta R.T. -0.00 min

Lab File: VX004293.D

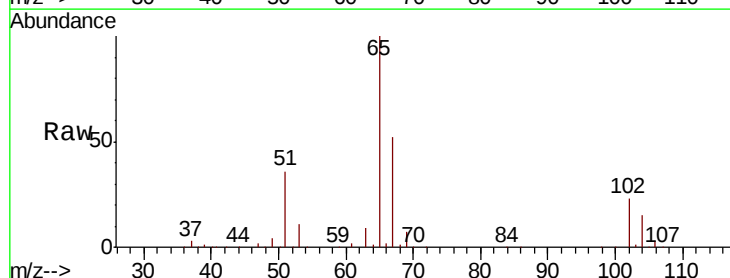
Acq: 29 Aug 2018 15:24

Tgt Ion: 65 Resp: 189712

Ion Ratio Lower Upper

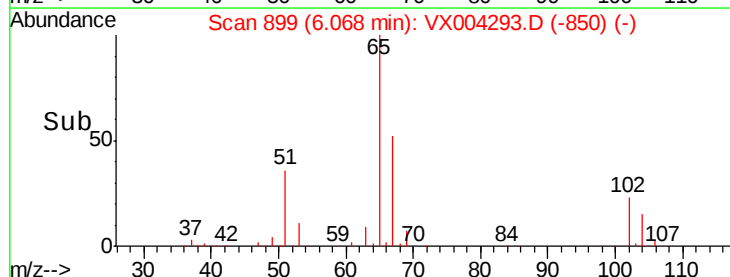
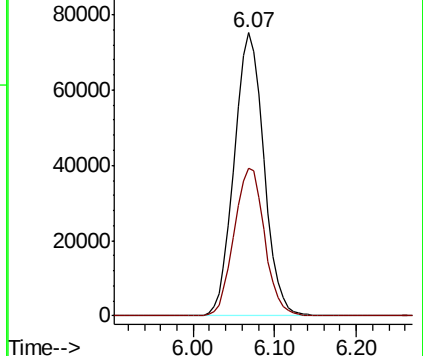
65 100

67 53.4 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

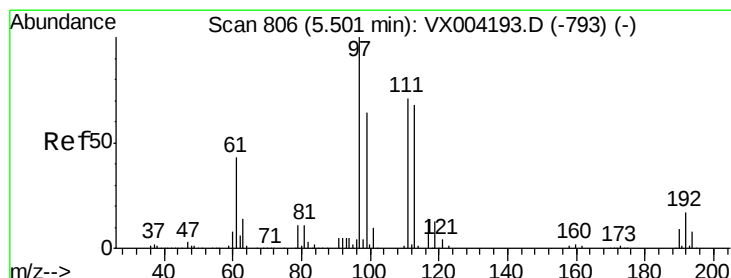
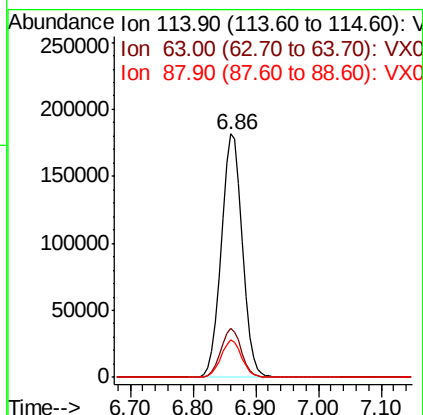
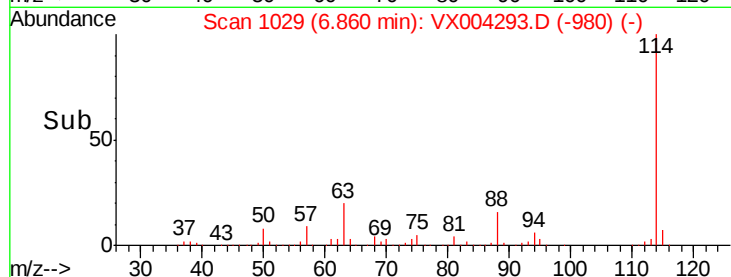
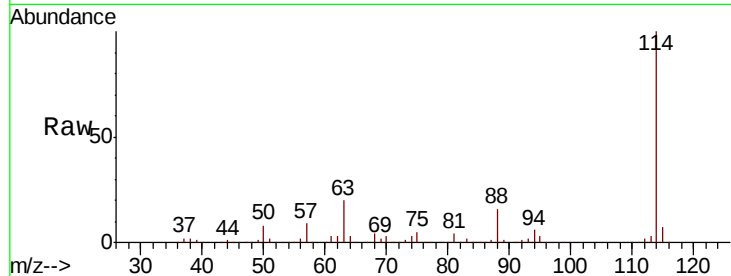




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.00 min
 Lab File: VX004293.D
 Acq: 29 Aug 2018 15:24

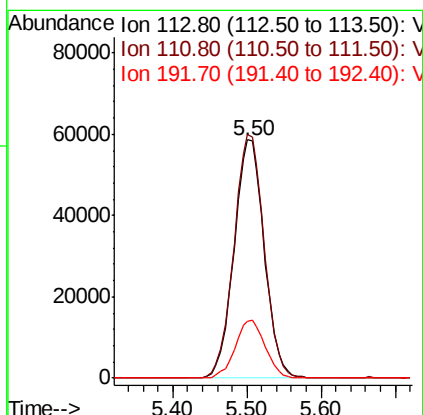
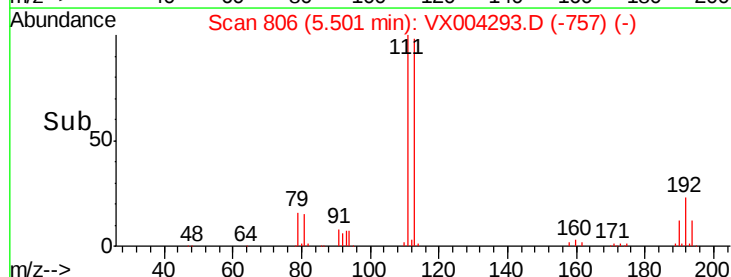
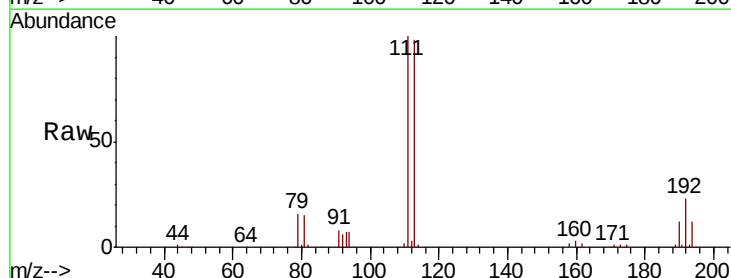
Instrument :
 MSVOA_X
 ClientSampleId :
 CPA-CPMW02D-M12W4-082318

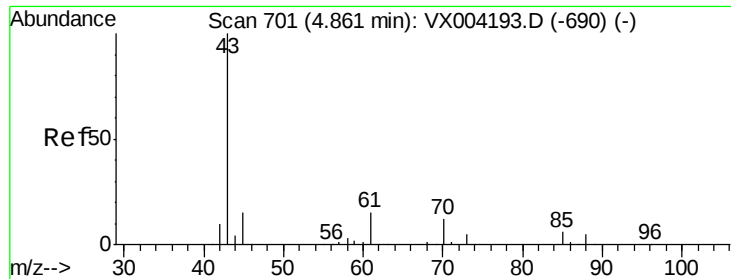
Tot Ion:114 Resp: 421775
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 39.0
 88 15.7 0.0 30.4



#35
 Dibromofluoromethane
 Concen: 53.04 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX004293.D
 Acq: 29 Aug 2018 15:24

Tgt Ion:113 Resp: 166429
 Ion Ratio Lower Upper
 113 100
 111 102.3 82.4 123.6
 192 24.2 19.4 29.2





#37

Ethyl Acetate

Concen: 7.99 ug/l

RT: 4.87 min Scan# 702

Delta R.T. 0.01 min

Lab File: VX004293.D

Acq: 29 Aug 2018 15:24

Instrument :

MSVOA_X

ClientSampleId :

CPA-CPMW02D-M12W4-082318

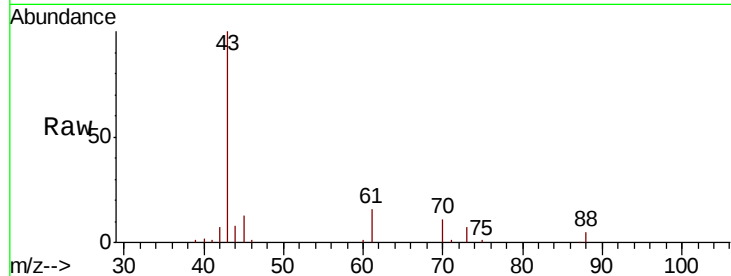
Tot Ion: 43 Resp: 37266

Ion Ratio Lower Upper

43 100

61 15.7 11.5 17.3

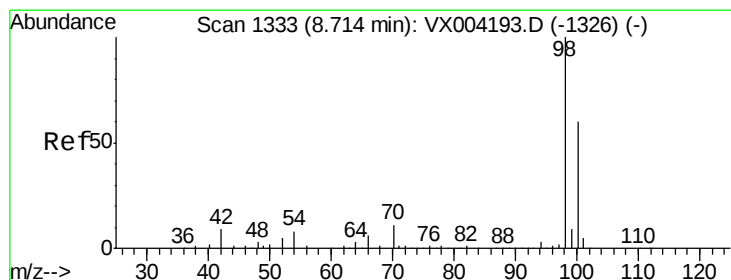
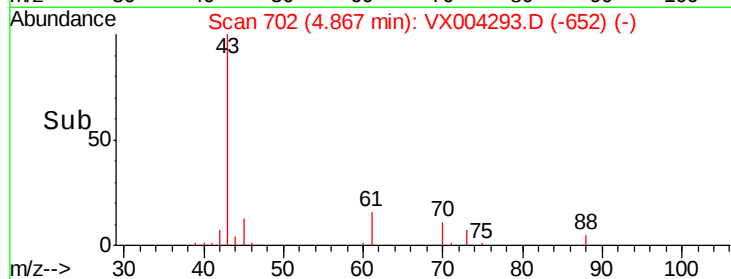
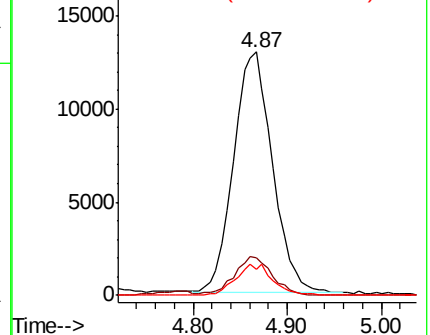
70 12.1 9.0 13.6



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: 50.38 ug/l

RT: 8.71 min Scan# 1333

Delta R.T. -0.00 min

Lab File: VX004293.D

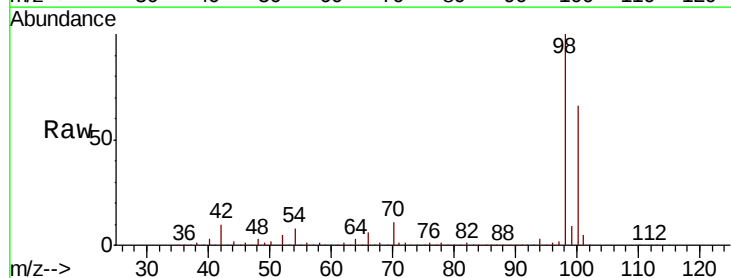
Acq: 29 Aug 2018 15:24

Tgt Ion: 98 Resp: 596716

Ion Ratio Lower Upper

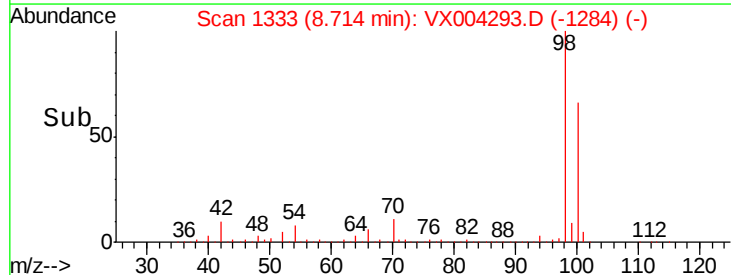
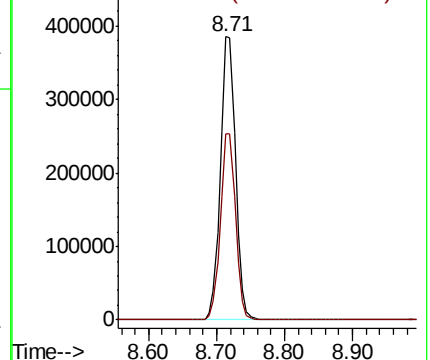
98 100

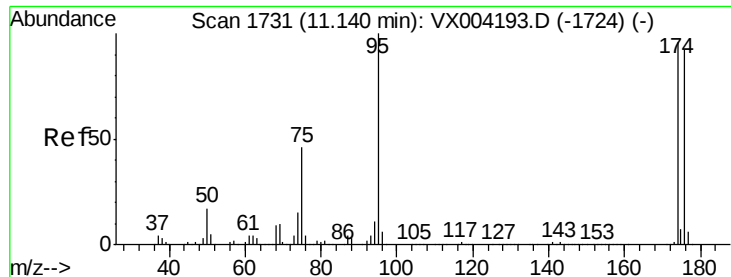
100 65.5 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

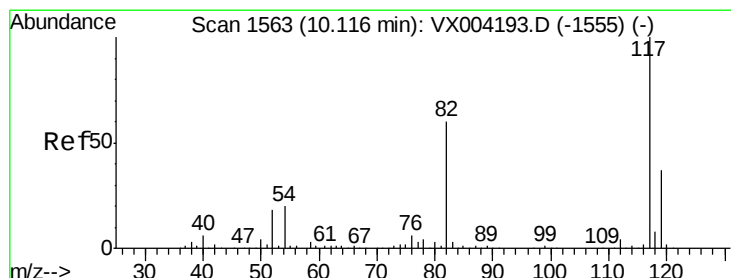
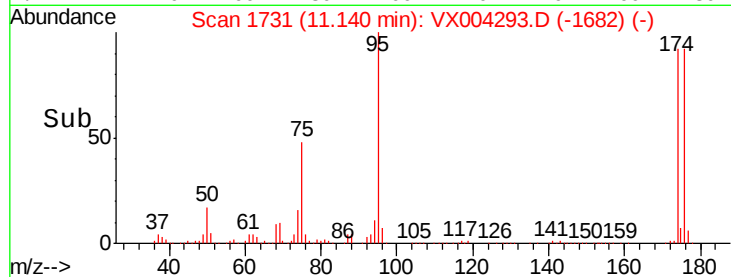
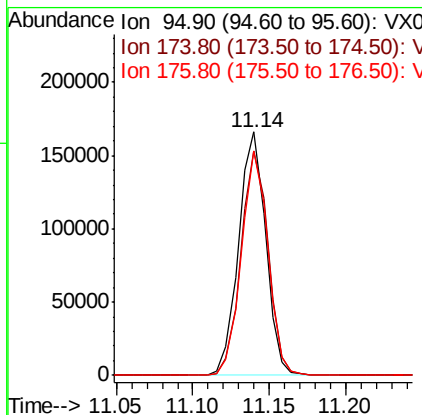
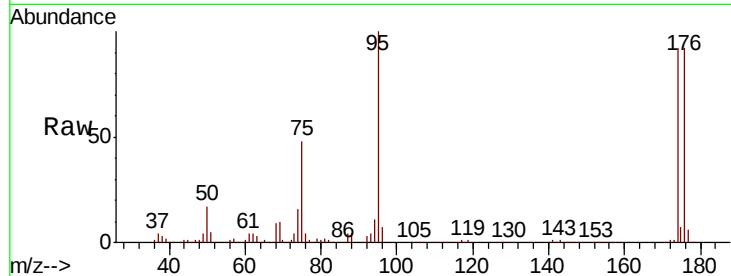




#62
4-Bromofluorobenzene
Concen: 46.23 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX004293.D
Acq: 29 Aug 2018 15:24

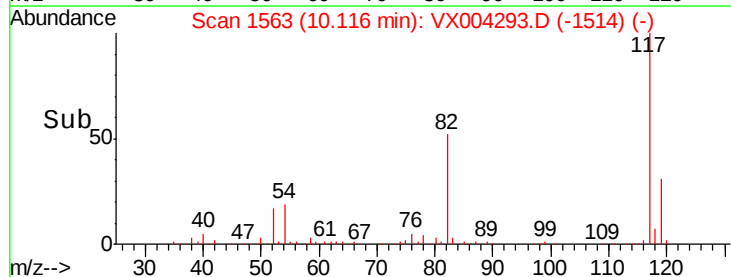
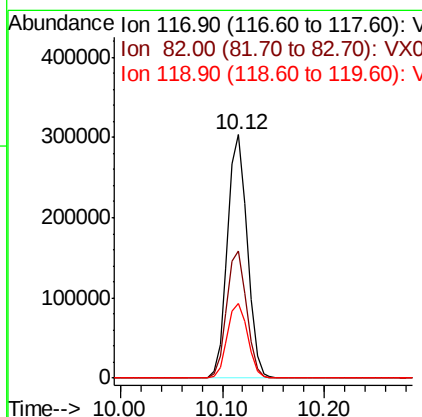
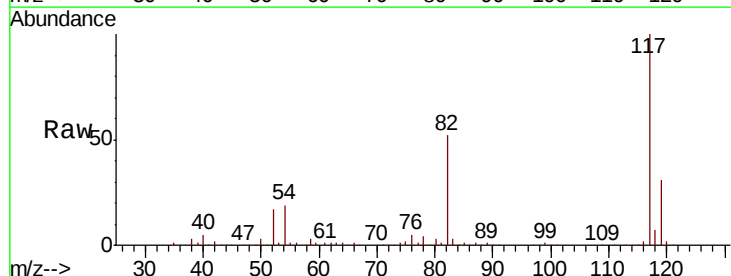
Instrument :
MSVOA_X
ClientSampleId :
CPA-CPMW02D-M12W4-082318

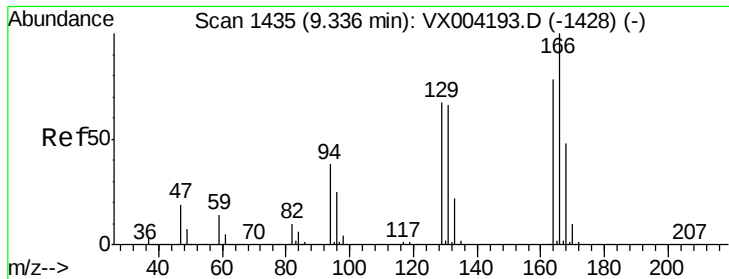
Tot Ion	95	Resp	204297
Ion	Ratio	Lower	Upper
95	100		
174	92.9	0.0	185.2
176	90.2	0.0	178.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX004293.D
Acq: 29 Aug 2018 15:24

Tgt Ion	117	Resp	406486
Ion	Ratio	Lower	Upper
117	100		
82	52.0	47.8	71.6
119	30.7	29.3	43.9





#64

Tetrachloroethene

Concen: 0.94 ug/l

RT: 9.34 min Scan# 1435

Delta R.T. -0.00 min

Lab File: VX004293.D

Acq: 29 Aug 2018 15:24

Instrument :

MSVOA_X

ClientSampleId :

CPA-CPMW02D-M12W4-082318

Tot Ion:164 Resp: 3763

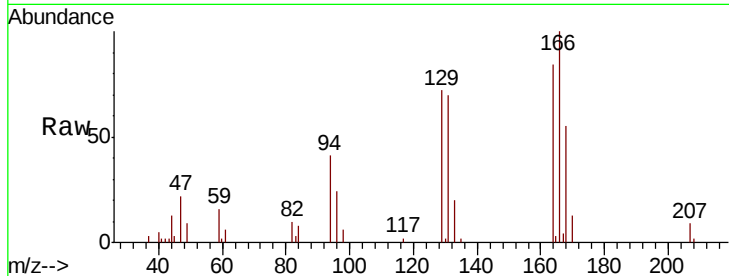
Ion Ratio Lower Upper

164 100

166 118.9 102.8 154.2

129 85.1 69.4 104.0

131 83.6 67.9 101.9



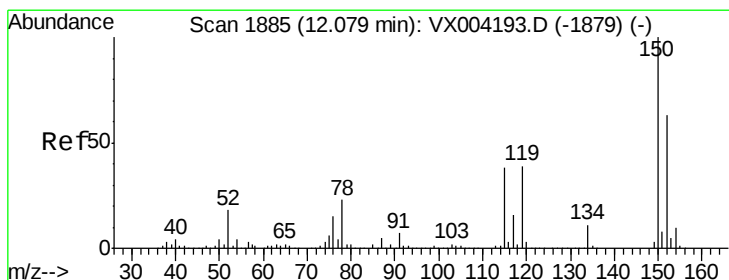
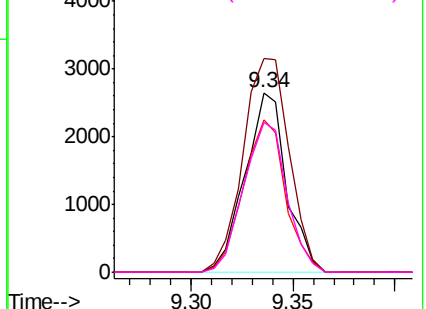
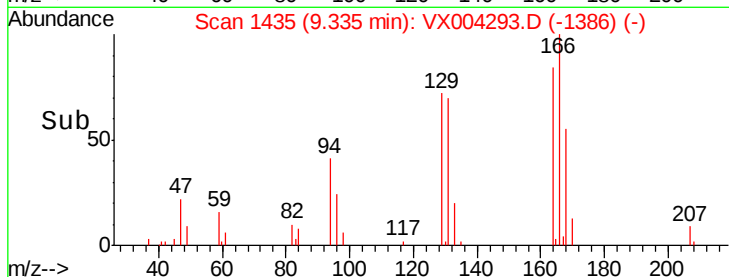
Abundance

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: VX004293.D

Acq: 29 Aug 2018 15:24

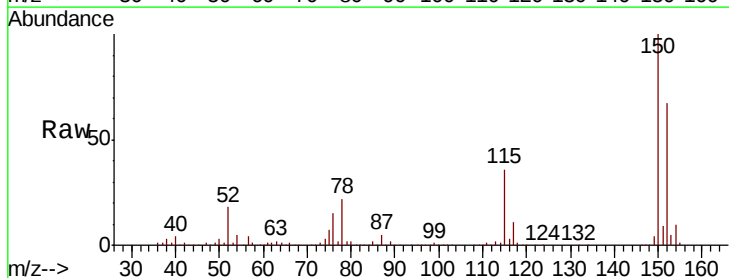
Tgt Ion:152 Resp: 211936

Ion Ratio Lower Upper

152 100

115 55.5 39.0 117.0

150 158.9 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

