

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082918\
 Data File : VX004310.D
 Acq On : 29 Aug 2018 23:51
 Operator : JC/MD
 Sample : J4681-18
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CPA-SW-15-M12W4-082218

Quant Time: Aug 30 07:31:21 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

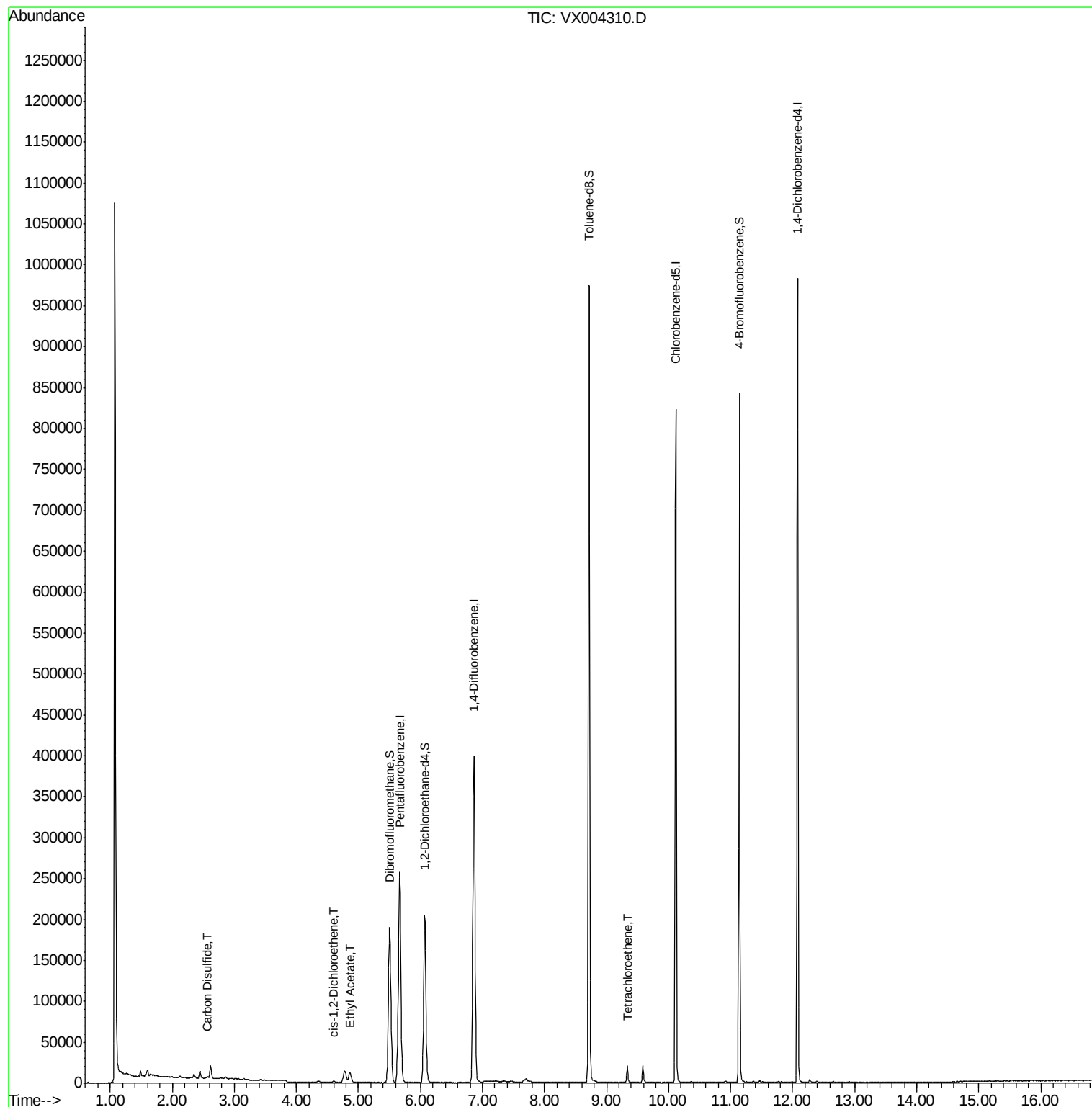
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	262301	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	410167	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	390365	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	208569	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	186387	54.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.04%	
35) Dibromofluoromethane	5.50	113	163985	53.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.48%	
50) Toluene-d8	8.72	98	593446	51.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.04%	
62) 4-Bromofluorobenzene	11.14	95	205538	47.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.66%	
Target Compounds						
17) Carbon Disulfide	2.57	76	3311	1.22	ug/l	96
27) cis-1,2-Dichloroethene	4.59	96	1182	0.34	ug/l	97
37) Ethyl Acetate	4.86	43	21058	4.64	ug/l	99
64) Tetrachloroethene	9.34	164	4132	1.07	ug/l	94

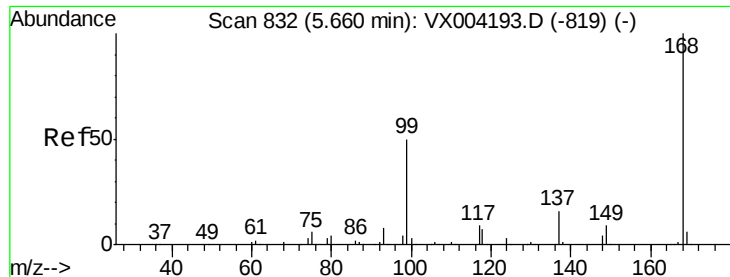
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Aug 23 05:39:44 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.01 min

Lab File: VX004310.D

Acq: 29 Aug 2018 23:51

Instrument :

MSVOA_X

ClientSampleId :

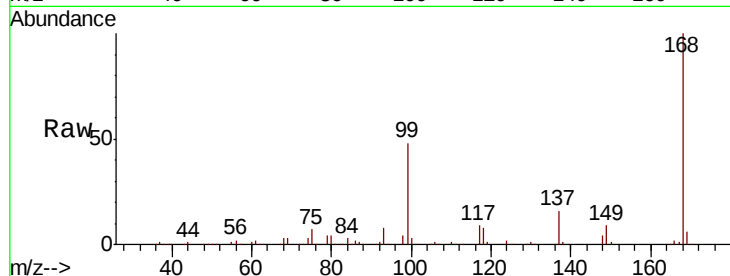
CPA-SW-15-M12W4-082218

Tot Ion:168 Resp: 262301

Ion Ratio Lower Upper

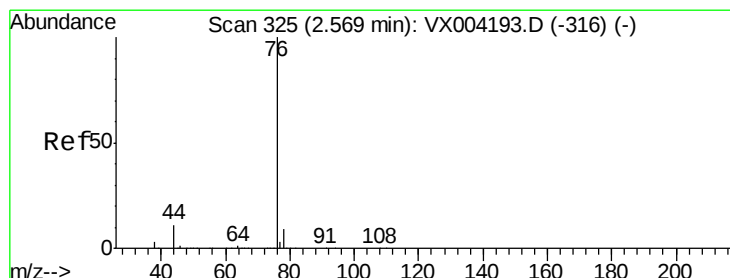
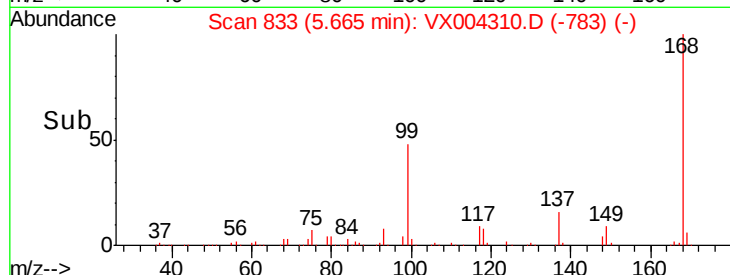
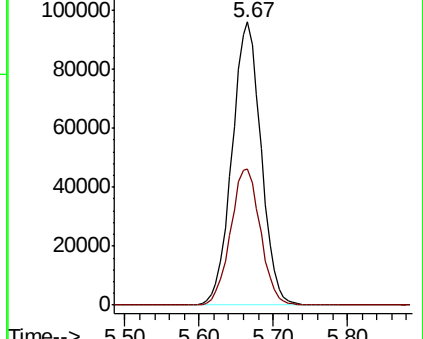
168 100

99 48.3 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#17

Carbon Disulfide

Concen: 1.22 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX004310.D

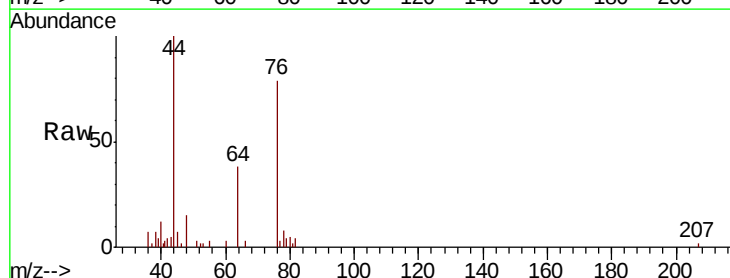
Acq: 29 Aug 2018 23:51

Tgt Ion: 76 Resp: 3311

Ion Ratio Lower Upper

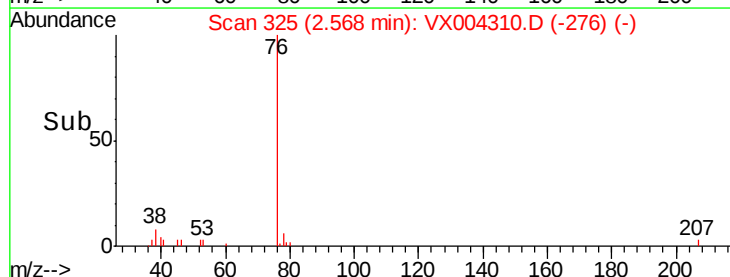
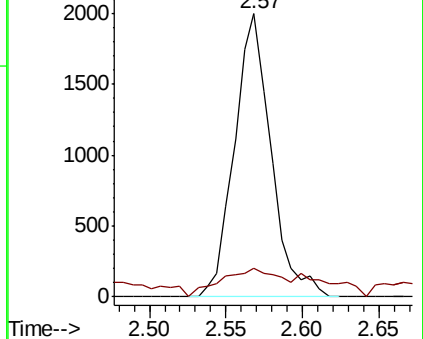
76 100

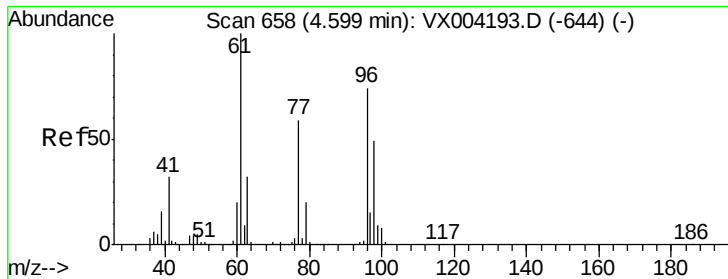
78 10.2 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



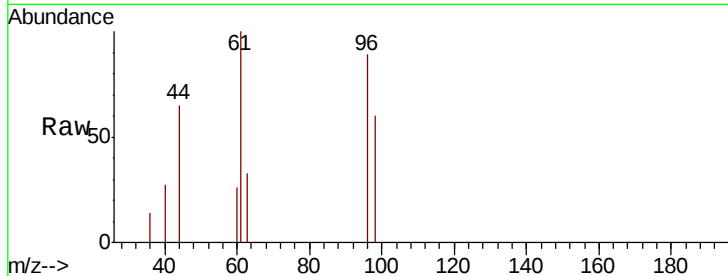


#27

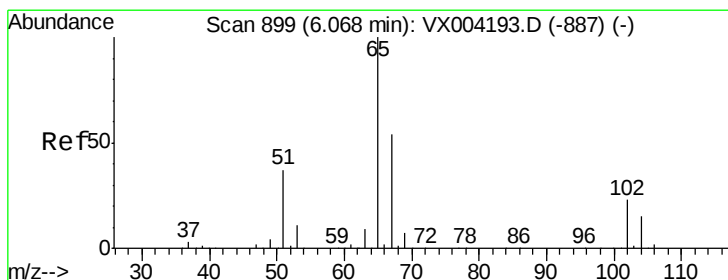
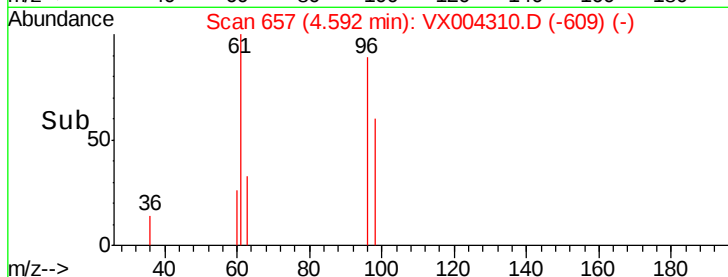
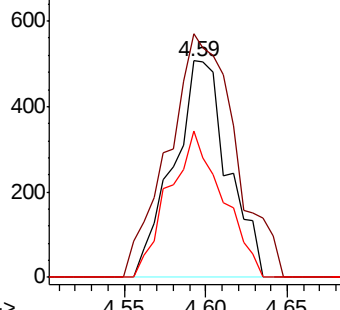
cis-1,2-Dichloroethene
 Concen: 0.34 ug/l
 RT: 4.59 min Scan# 657
 Delta R.T. -0.01 min
 Lab File: VX004310.D
 Acq: 29 Aug 2018 23:51

Instrument :
 MSVOA_X
 ClientSampleId :
 CPA-SW-15-M12W4-082218

Tot Ion: 96 Resp: 1182
 Ion Ratio Lower Upper
 96 100
 61 137.8 0.0 282.6
 98 66.8 0.0 130.2



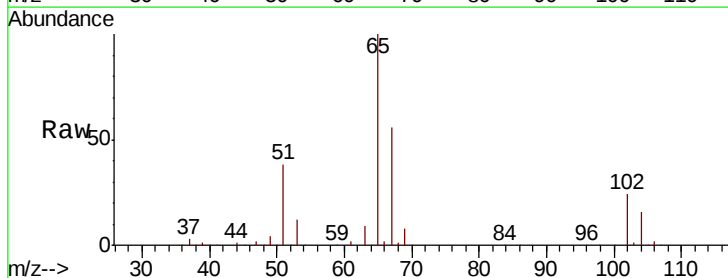
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



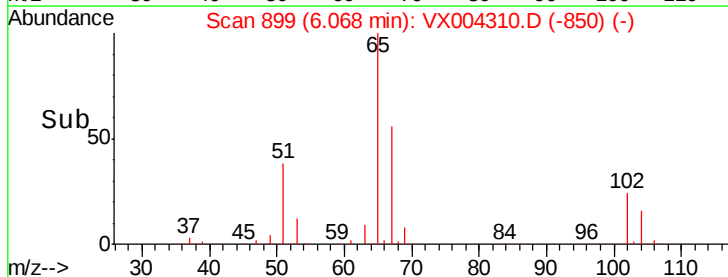
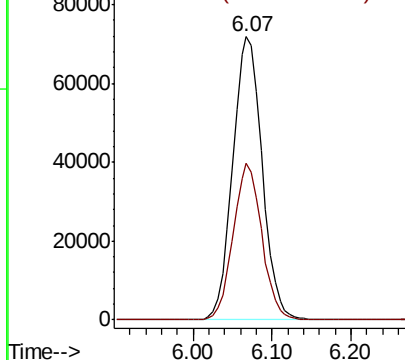
#33

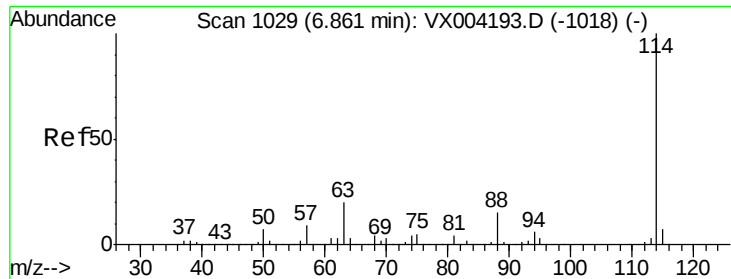
1,2-Dichloroethane-d4
 Concen: 54.52 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.00 min
 Lab File: VX004310.D
 Acq: 29 Aug 2018 23:51

Tgt Ion: 65 Resp: 186387
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VX0
 Ion 66.90 (66.60 to 67.60): VX0

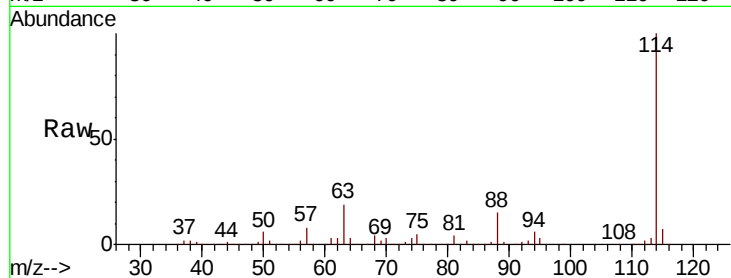




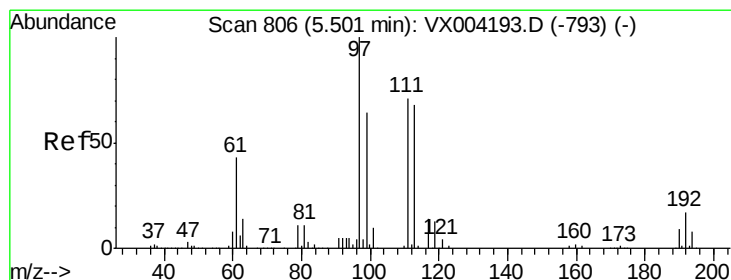
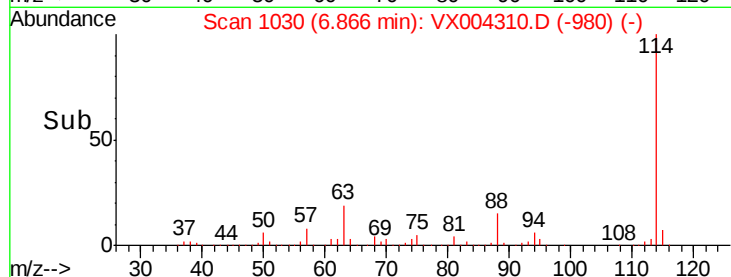
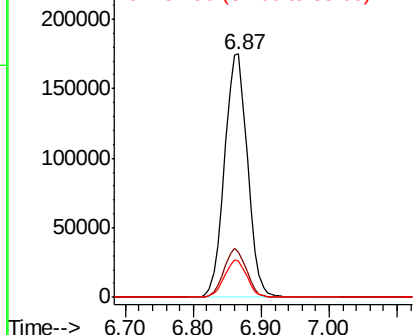
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.01 min
 Lab File: VX004310.D
 Acq: 29 Aug 2018 23:51

Instrument :
 MSVOA_X
 ClientSampleId :
 CPA-SW-15-M12W4-082218

Tot Ion:114 Resp: 410167
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 39.0
 88 14.9 0.0 30.4

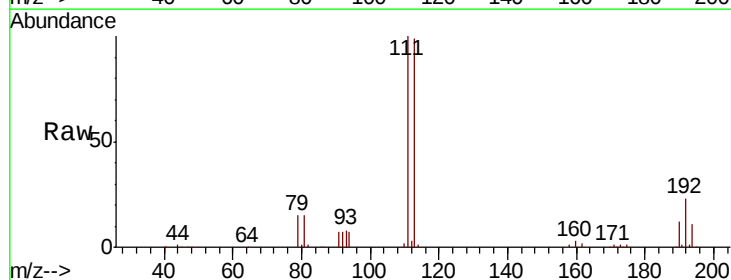


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

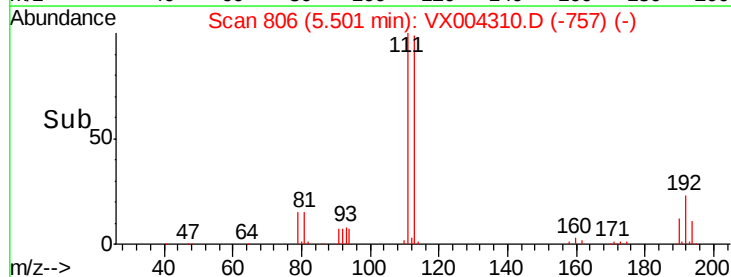
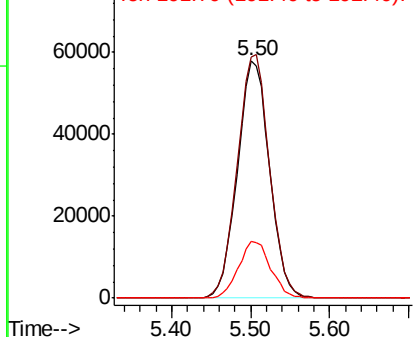


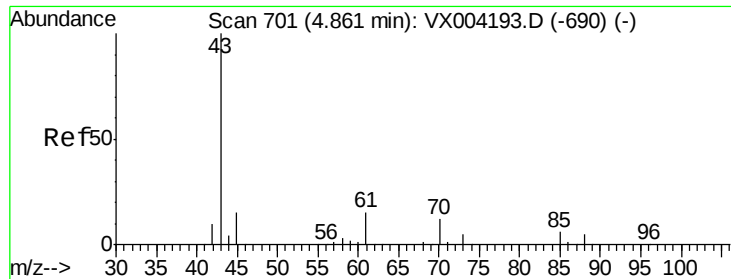
#35
 Dibromofluoromethane
 Concen: 53.74 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX004310.D
 Acq: 29 Aug 2018 23:51

Tgt Ion:113 Resp: 163985
 Ion Ratio Lower Upper
 113 100
 111 102.8 82.4 123.6
 192 23.9 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: 4.64 ug/l

RT: 4.86 min Scan# 701

Delta R.T. -0.00 min

Lab File: VX004310.D

Acq: 29 Aug 2018 23:51

Instrument :

MSVOA_X

ClientSampleId :

CPA-SW-15-M12W4-082218

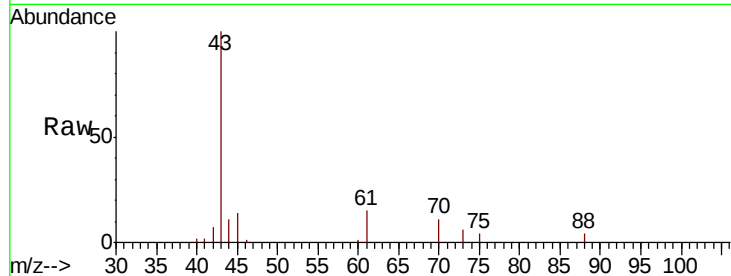
Tot Ion: 43 Resp: 21058

Ion Ratio Lower Upper

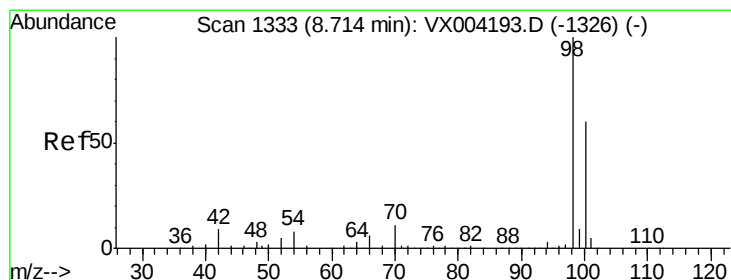
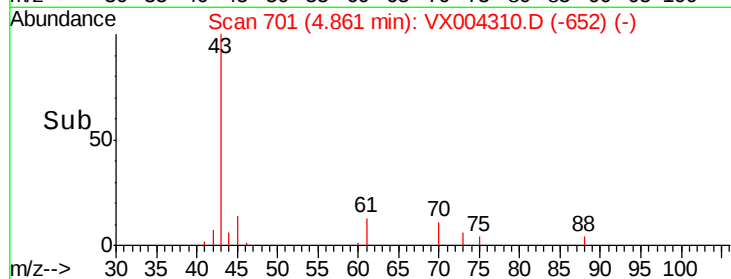
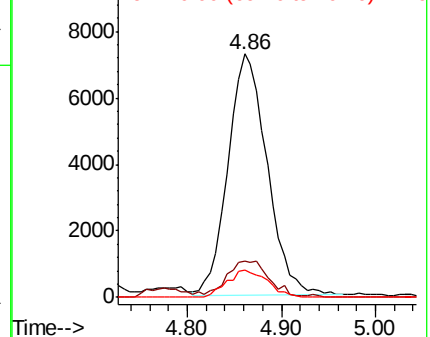
43 100

61 15.1 11.5 17.3

70 11.6 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: 51.52 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.01 min

Lab File: VX004310.D

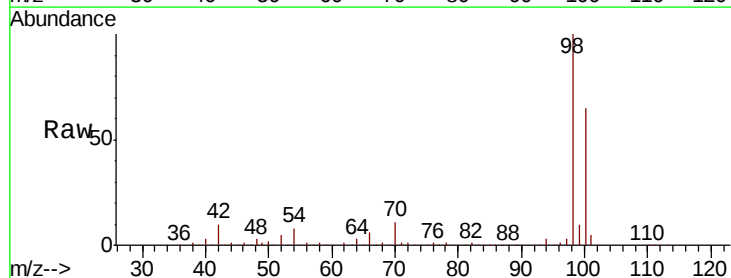
Acq: 29 Aug 2018 23:51

Tgt Ion: 98 Resp: 593446

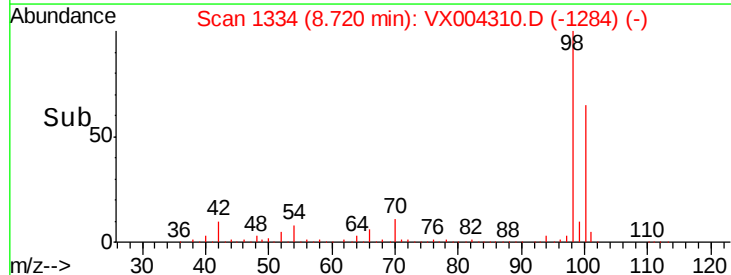
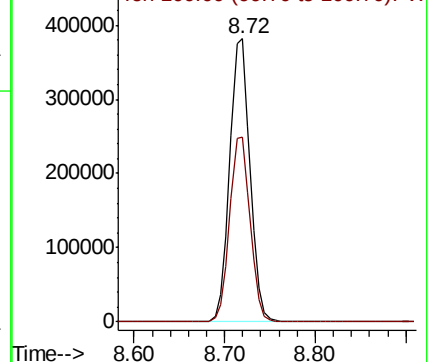
Ion Ratio Lower Upper

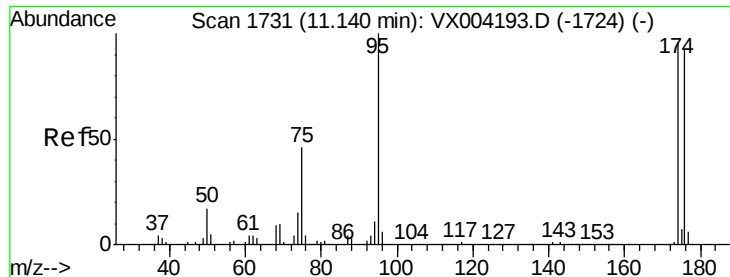
98 100

100 66.0 52.9 79.3



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

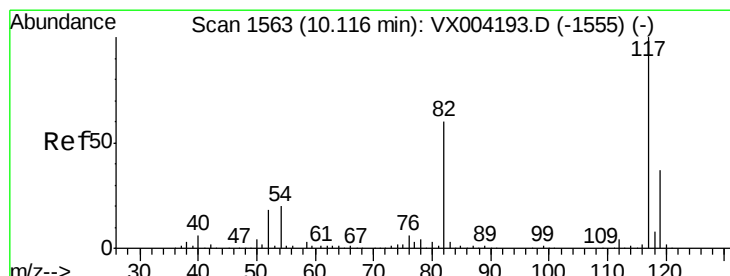
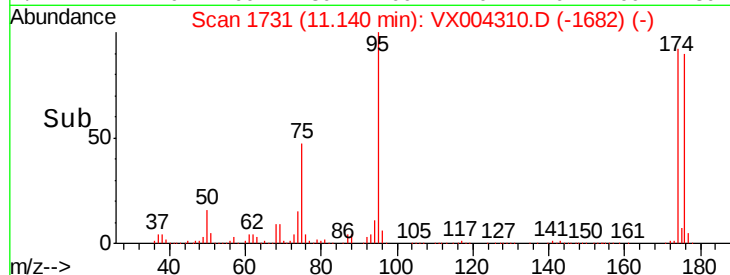
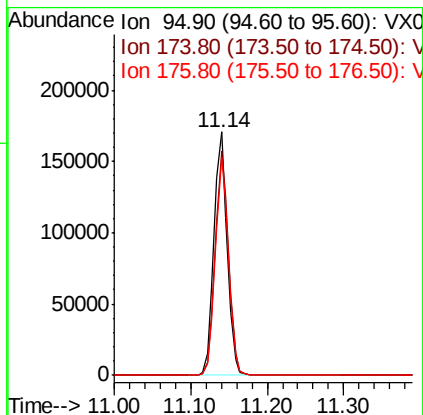
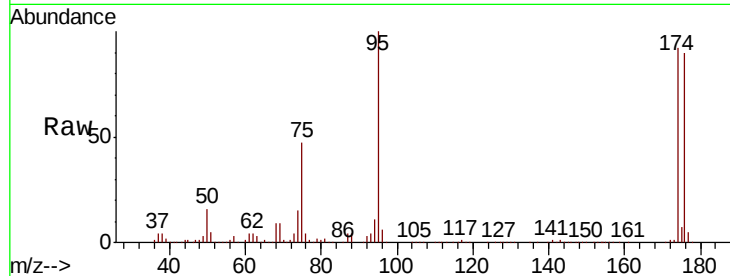




#62
 4-Bromofluorobenzene
 Concen: 47.83 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. -0.00 min
 Lab File: VX004310.D
 Acq: 29 Aug 2018 23:51

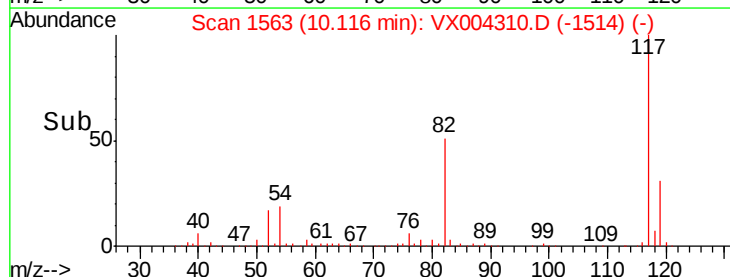
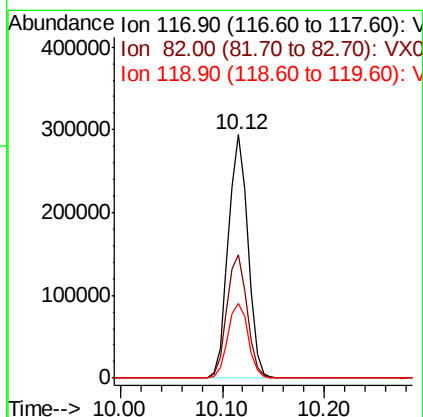
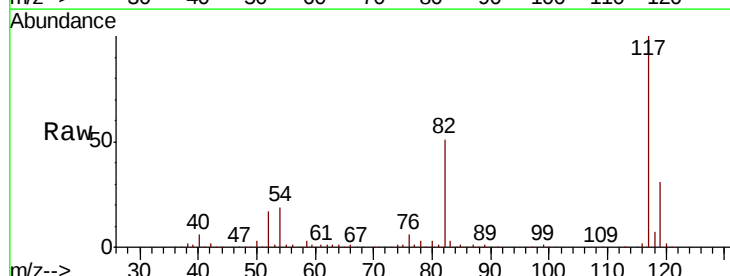
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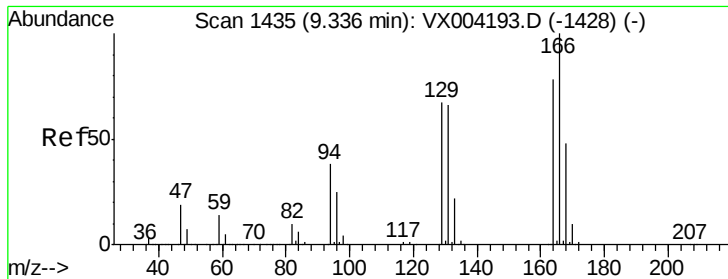
Tot Ion: 95 Resp: 205538
 Ion Ratio Lower Upper
 95 100
 174 93.0 0.0 185.2
 176 89.0 0.0 178.6



#63
 Chlorobenzene-d5
 Concen: 50.00 ug/l
 RT: 10.12 min Scan# 1563
 Delta R.T. -0.00 min
 Lab File: VX004310.D
 Acq: 29 Aug 2018 23:51

Tgt Ion: 117 Resp: 390365
 Ion Ratio Lower Upper
 117 100
 82 50.7 47.8 71.6
 119 30.9 29.3 43.9

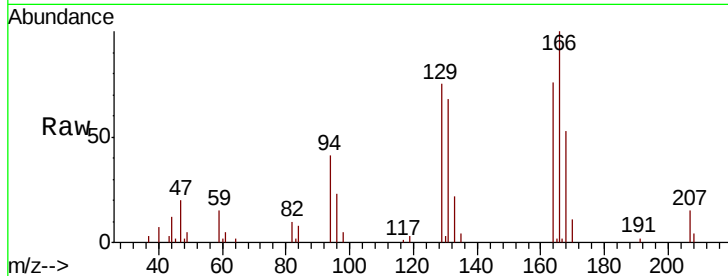




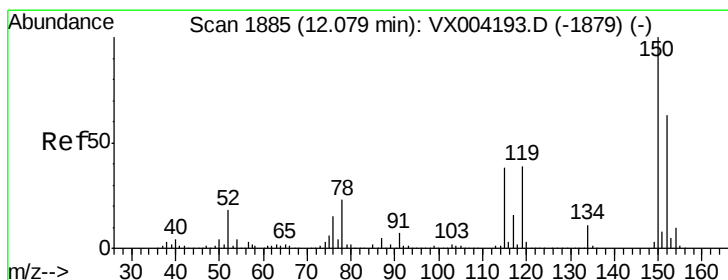
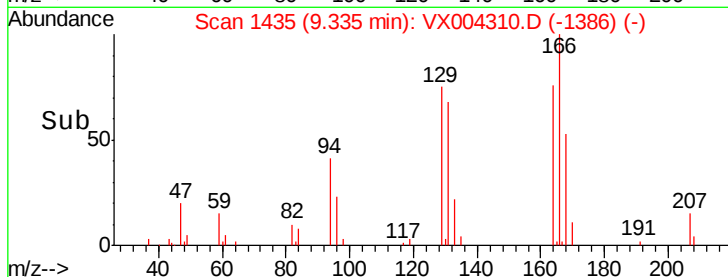
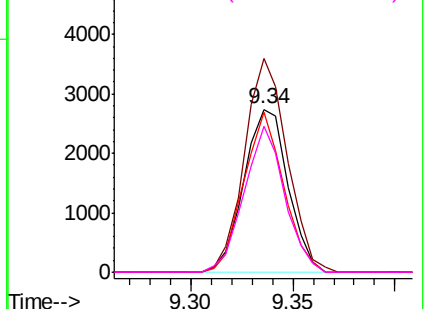
#64
Tetrachloroethene
Concen: 1.07 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.00 min
Lab File: VX004310.D
Acq: 29 Aug 2018 23:51

Instrument :
MSVOA_X
ClientSampleId :
CPA-SW-15-M12W4-082218

Tot Ion:164 Resp: 4132
Ion Ratio Lower Upper
164 100
166 131.2 102.8 154.2
129 98.2 69.4 104.0
131 89.4 67.9 101.9

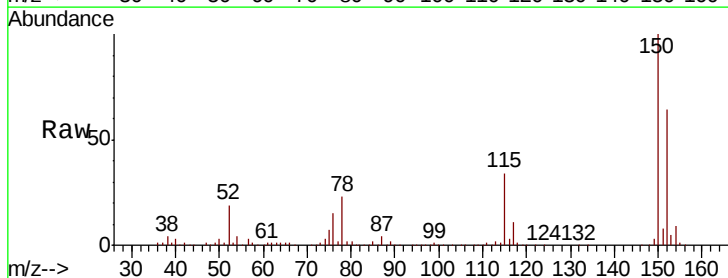


Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX004310.D
Acq: 29 Aug 2018 23:51

Tgt Ion:152 Resp: 208569
Ion Ratio Lower Upper
152 100
115 53.5 39.0 117.0
150 157.5 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

