

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062818\
 Data File : VX002999.D
 Acq On : 28 Jun 2018 21:26
 Operator : JC/MD
 Sample : J3750-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ZER-GW-SB-03

Quant Time: Jun 29 07:45:04 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	277612	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	391457	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	361756	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	208795	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	184265	48.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.04%	
35) Dibromofluoromethane	5.51	113	147740	47.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.32%	
50) Toluene-d8	8.72	98	547191	48.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.68%	
62) 4-Bromofluorobenzene	11.14	95	197872	45.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.64%	

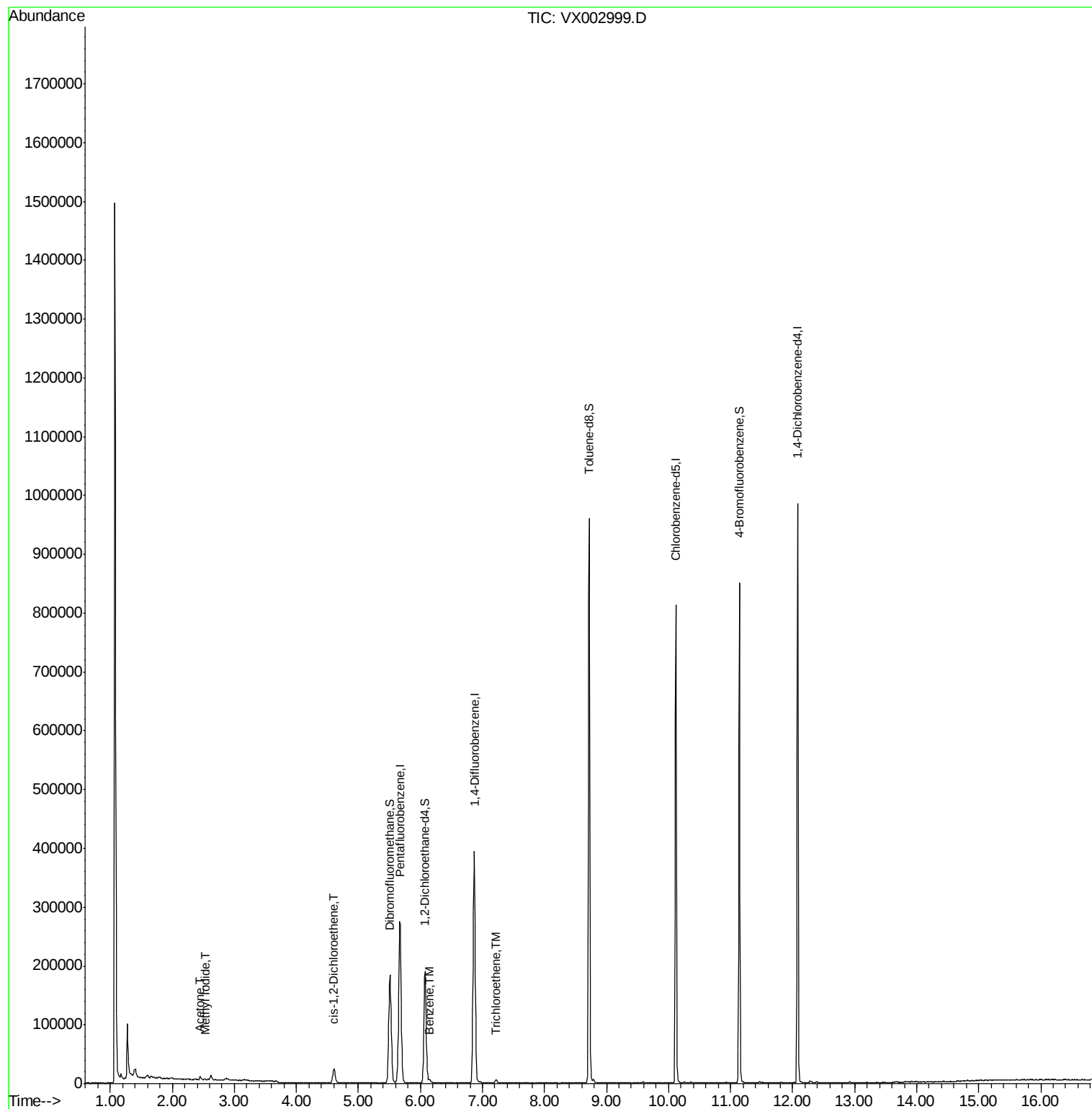
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	2.53	142	1491	6.65	ug/l	94
16) Acetone	2.45	43	5536	3.48	ug/l	# 75
27) cis-1,2-Dichloroethene	4.60	96	13798	4.13	ug/l	91
40) Benzene	6.15	78	5409	0.43	ug/l	96
44) Trichloroethene	7.21	130	2215	0.60	ug/l	89

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

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX002999.D

Acq: 28 Jun 2018 21:26

Instrument :

MSVOA_X

ClientSampleId :

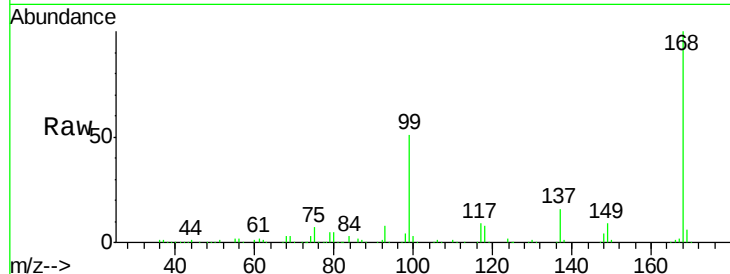
ZER-GW-SB-03

Tot Ion:168 Resp: 277612

Ion Ratio Lower Upper

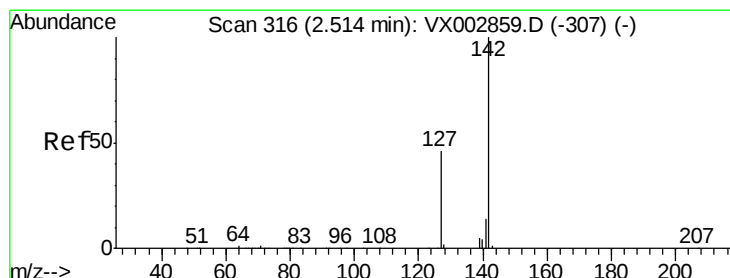
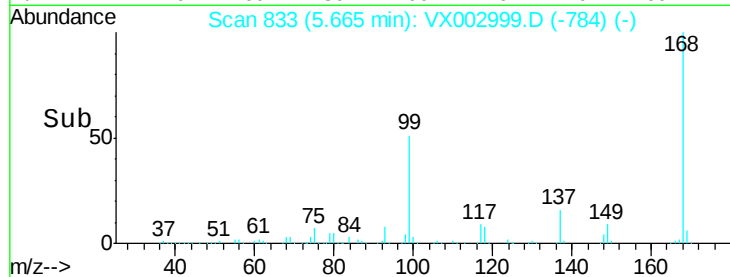
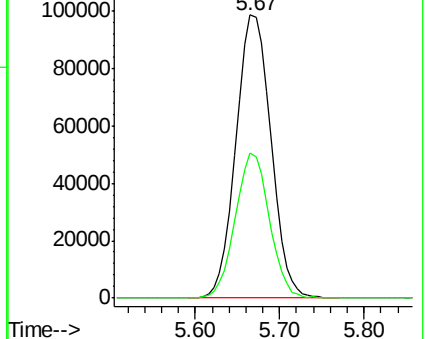
168 100

99 51.2 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#10

Methyl Iodide

Concen: 6.65 ug/l

RT: 2.53 min Scan# 318

Delta R.T. 0.01 min

Lab File: VX002999.D

Acq: 28 Jun 2018 21:26

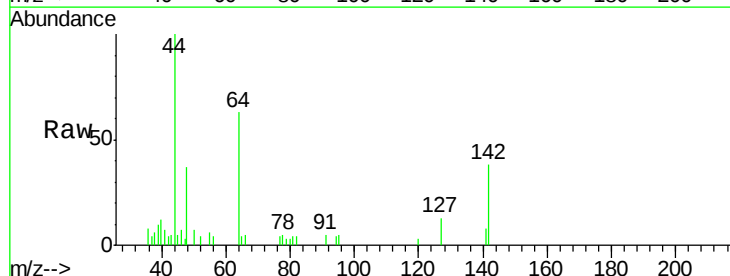
Tgt Ion:142 Resp: 1491

Ion Ratio Lower Upper

142 100

127 41.4 36.6 55.0

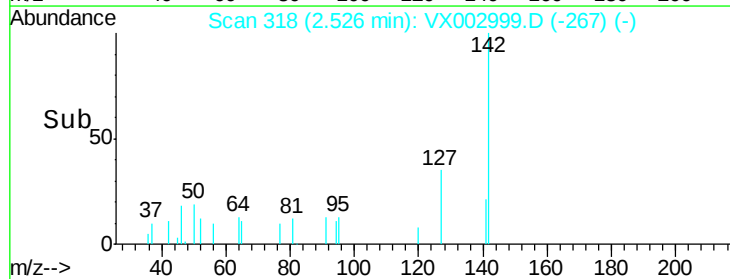
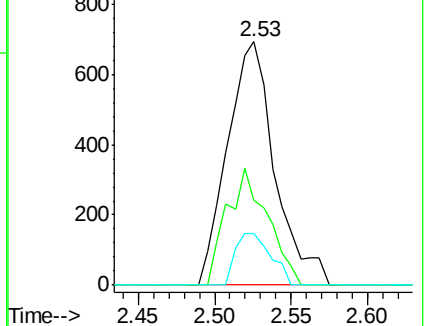
141 15.7 11.3 16.9

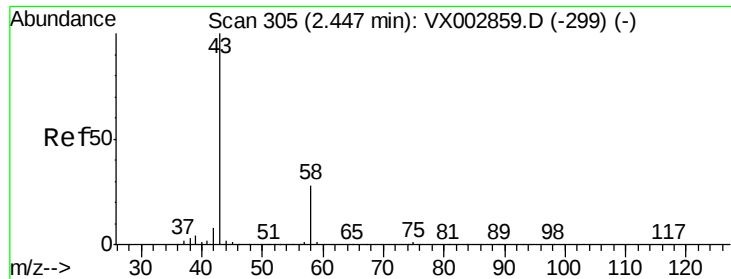


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#16

Acetone

Concen: 3.48 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.00 min

Lab File: VX002999.D

Acq: 28 Jun 2018 21:26

Instrument :

MSVOA_X

ClientSampleId :

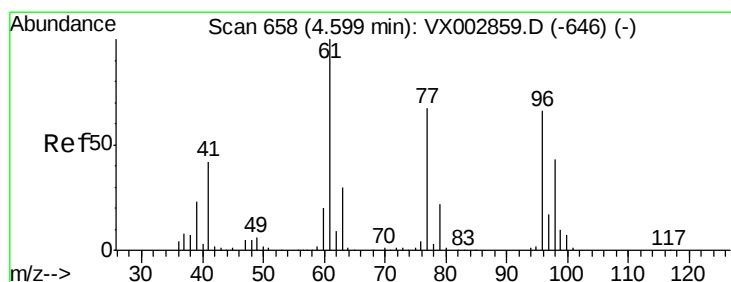
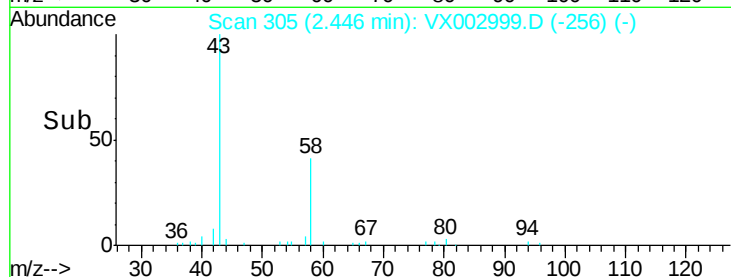
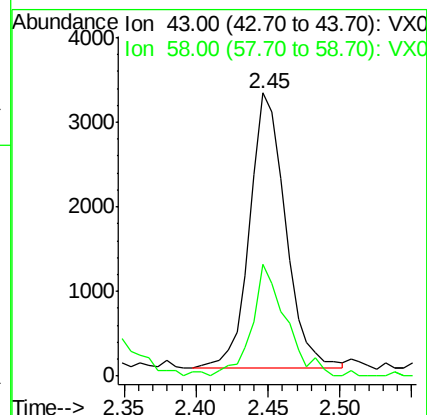
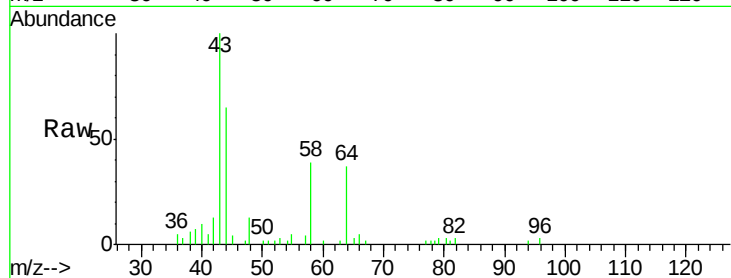
ZER-GW-SB-03

Tot Ion: 43 Resp: 5536

Ion Ratio Lower Upper

43 100

58 40.6 22.1 33.1#



#27

cis-1,2-Dichloroethene

Concen: 4.13 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.00 min

Lab File: VX002999.D

Acq: 28 Jun 2018 21:26

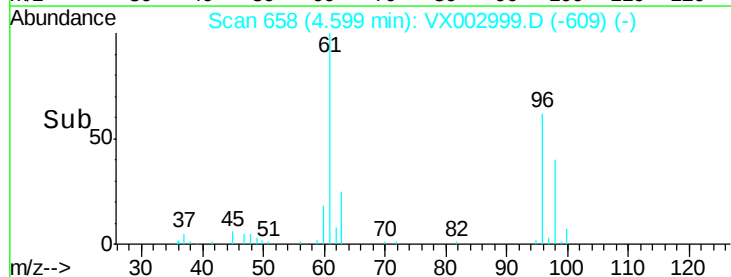
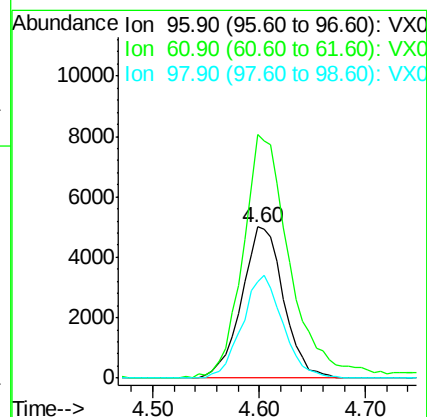
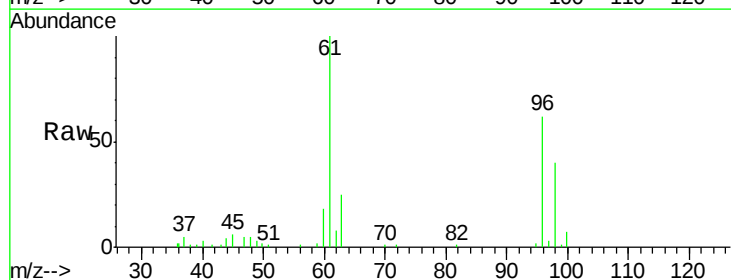
Tgt Ion: 96 Resp: 13798

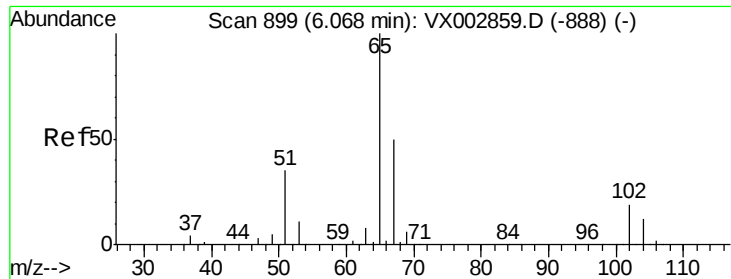
Ion Ratio Lower Upper

96 100

61 181.9 0.0 330.2

98 66.0 0.0 130.2

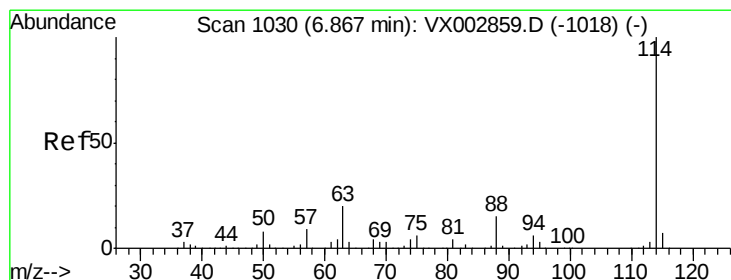
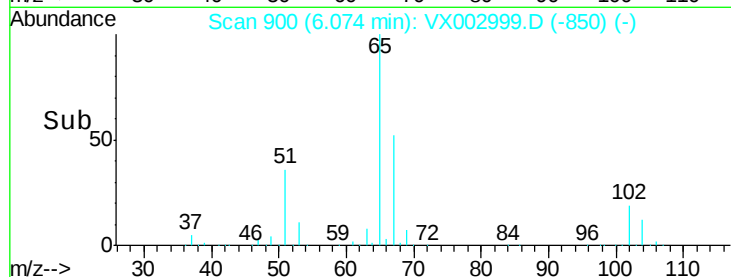
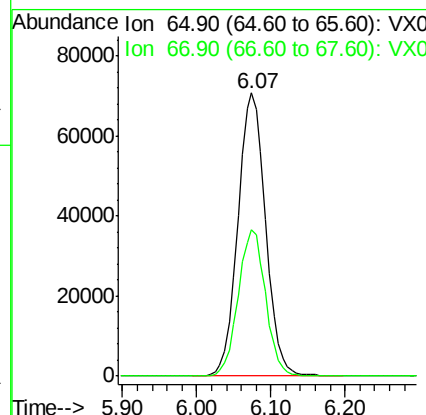
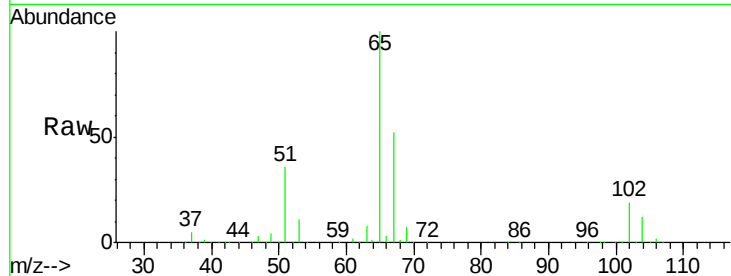




#33
 1,2-Dichloroethane-d4
 Concen: 48.02 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.01 min
 Lab File: VX002999.D
 Acq: 28 Jun 2018 21:26

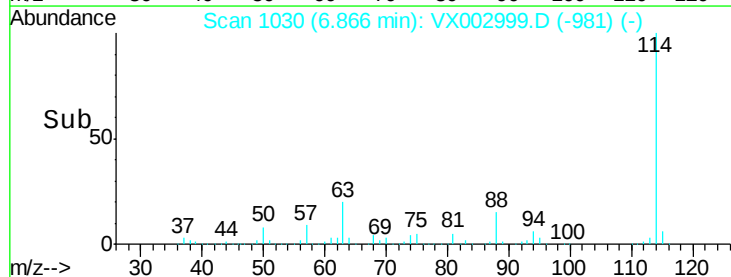
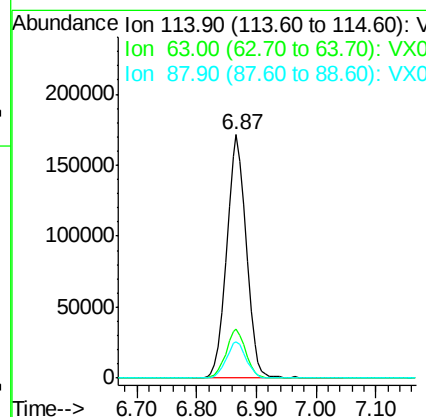
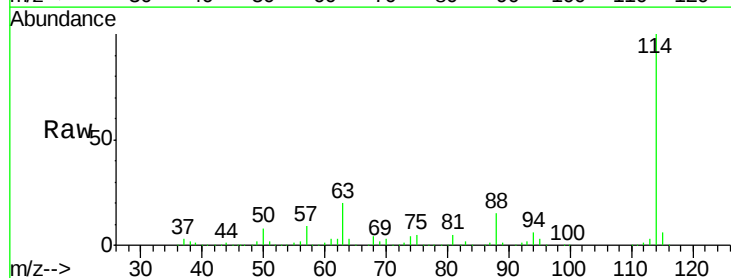
Instrument :
 MSVOA_X
 ClientSampleId :
 ZER-GW-SB-03

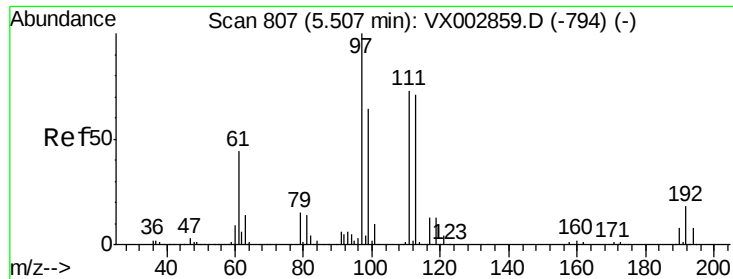
Tot Ion: 65 Resp: 184265
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX002999.D
 Acq: 28 Jun 2018 21:26

Tgt Ion: 114 Resp: 391457
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 41.4
 88 14.6 0.0 30.0





#35

Dibromofluoromethane

Concen: 47.66 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX002999.D

Acq: 28 Jun 2018 21:26

Instrument :

MSVOA_X

ClientSampleId :

ZER-GW-SB-03

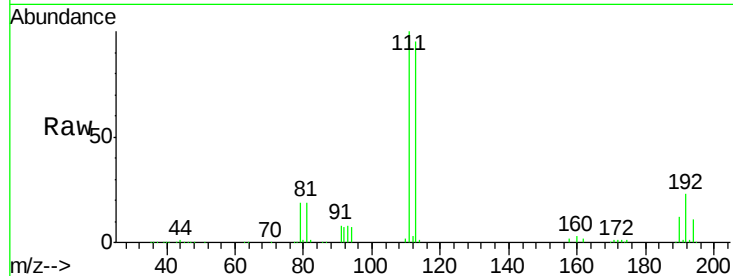
Tot Ion:113 Resp: 147740

Ion Ratio Lower Upper

113 100

111 104.0 81.4 122.0

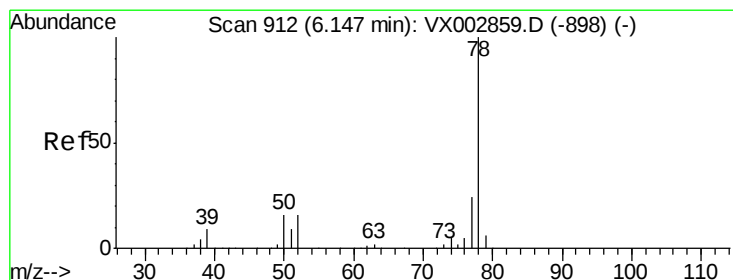
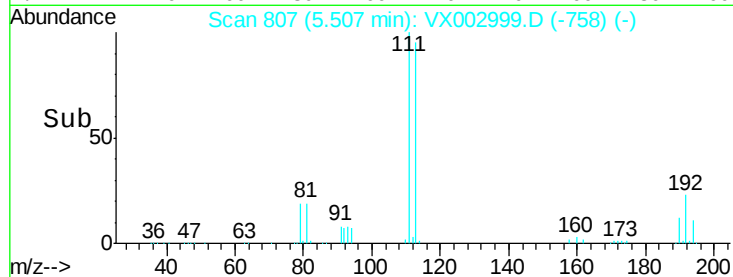
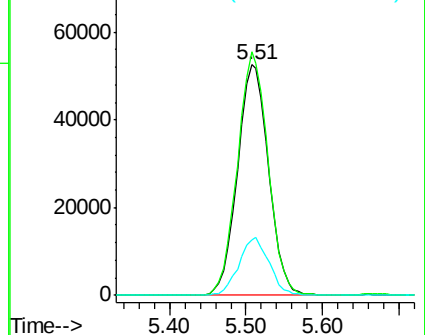
192 24.4 19.1 28.7



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



#40

Benzene

Concen: 0.43 ug/l

RT: 6.15 min Scan# 912

Delta R.T. -0.00 min

Lab File: VX002999.D

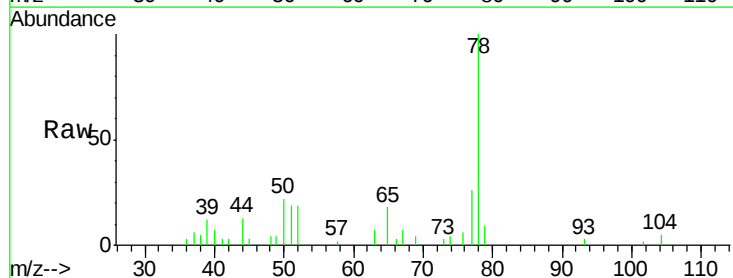
Acq: 28 Jun 2018 21:26

Tgt Ion: 78 Resp: 5409

Ion Ratio Lower Upper

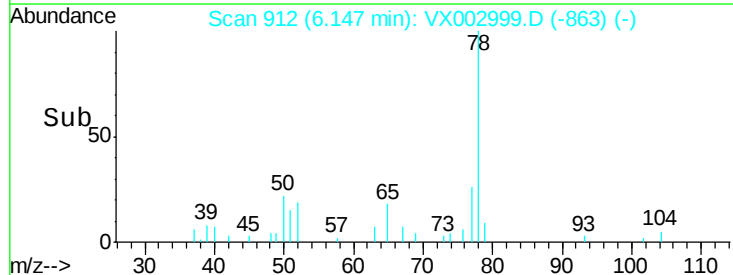
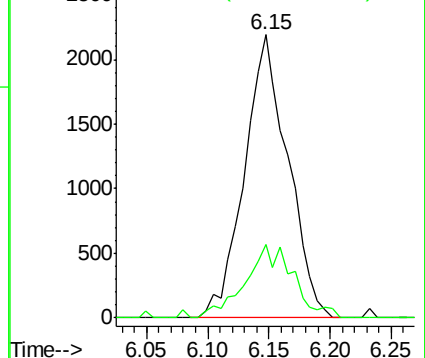
78 100

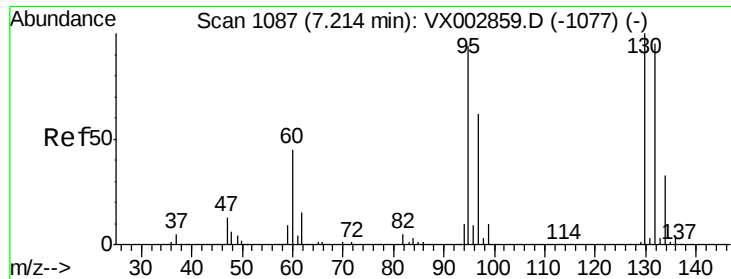
77 26.0 19.1 28.7



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#44

Trichloroethene

Concen: 0.60 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX002999.D

Acq: 28 Jun 2018 21:26

Instrument :

MSVOA_X

ClientSampleId :

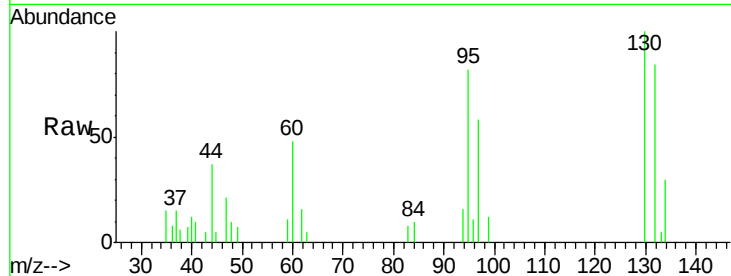
ZER-GW-SB-03

Tot Ion:130 Resp: 2215

Ion Ratio Lower Upper

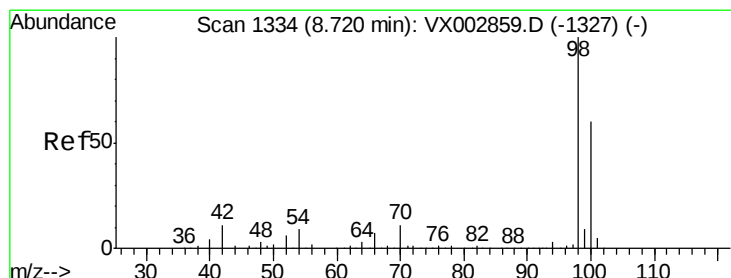
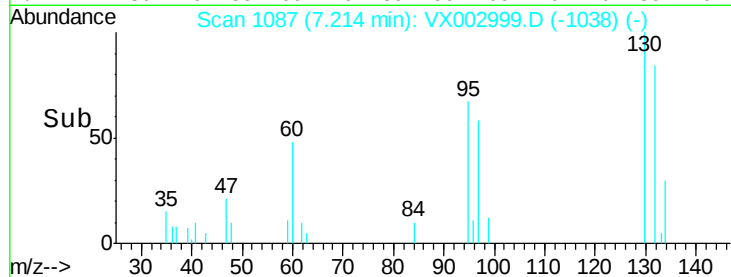
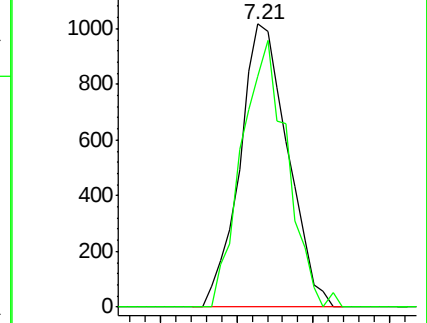
130 100

95 81.7 0.0 185.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 48.34 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002999.D

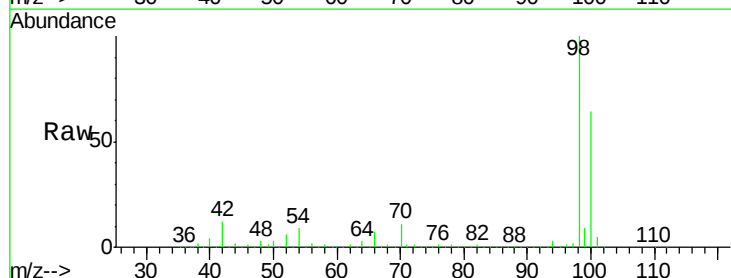
Acq: 28 Jun 2018 21:26

Tgt Ion: 98 Resp: 547191

Ion Ratio Lower Upper

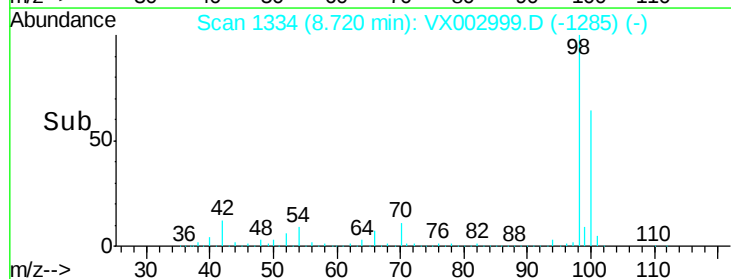
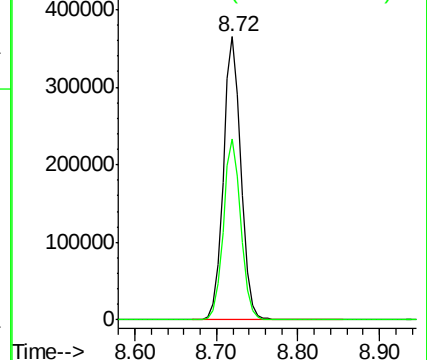
98 100

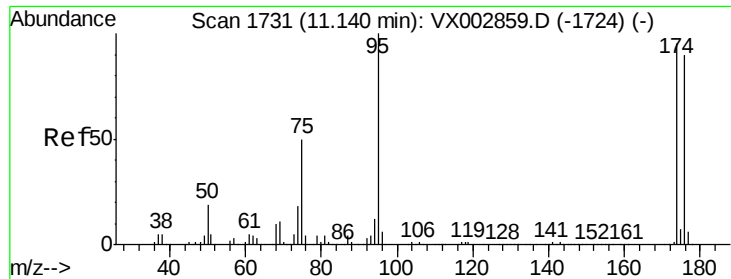
100 63.8 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

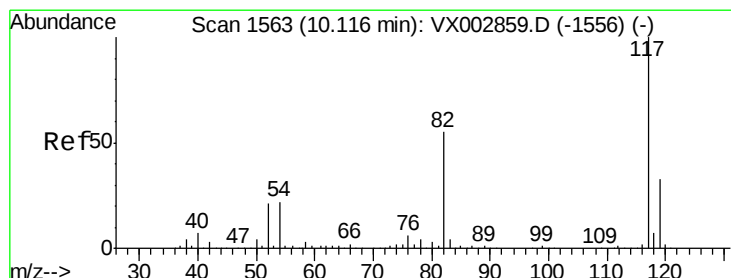
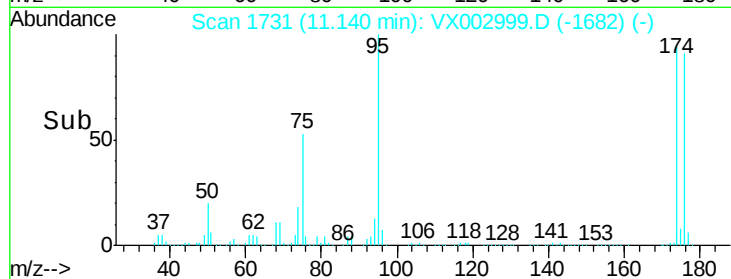
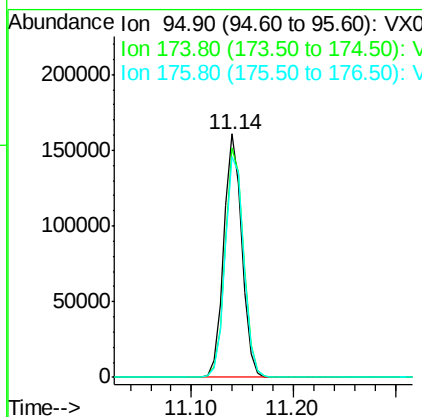
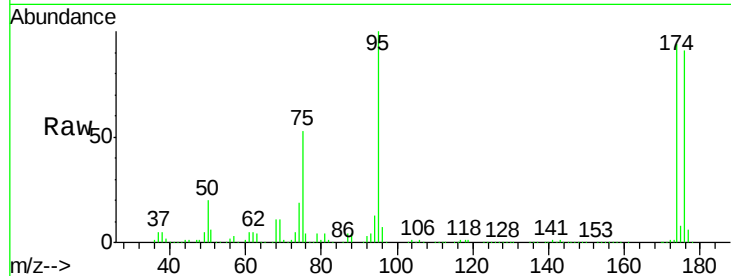




#62
4-Bromofluorobenzene
Concen: 45.32 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX002999.D
Acq: 28 Jun 2018 21:26

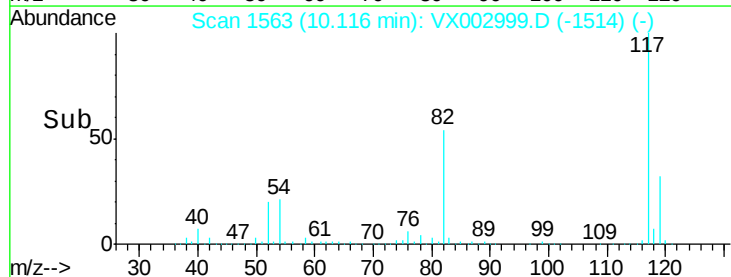
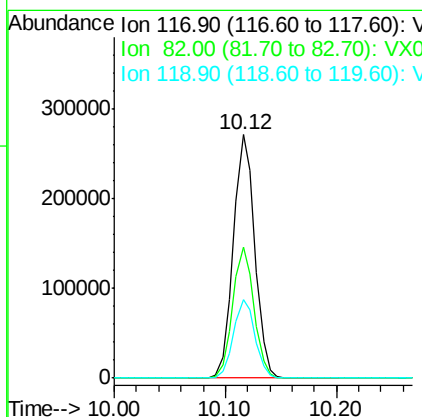
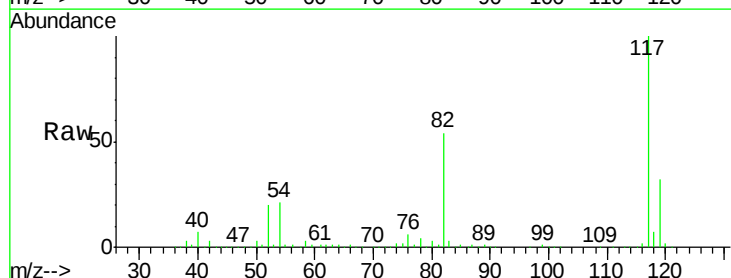
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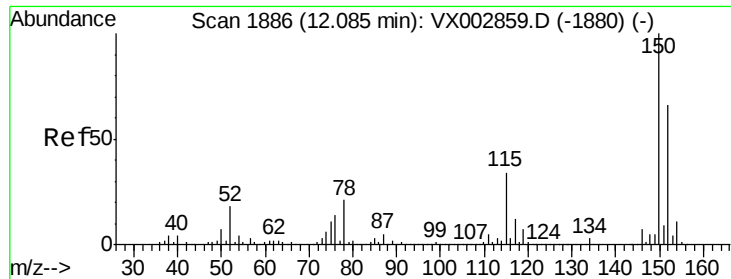
Tot Ion: 95 Resp: 197872
Ion Ratio Lower Upper
95 100
174 95.7 0.0 187.4
176 93.2 0.0 181.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002999.D
Acq: 28 Jun 2018 21:26

Tgt Ion: 117 Resp: 361756
Ion Ratio Lower Upper
117 100
82 53.8 45.0 67.4
119 32.1 25.8 38.6

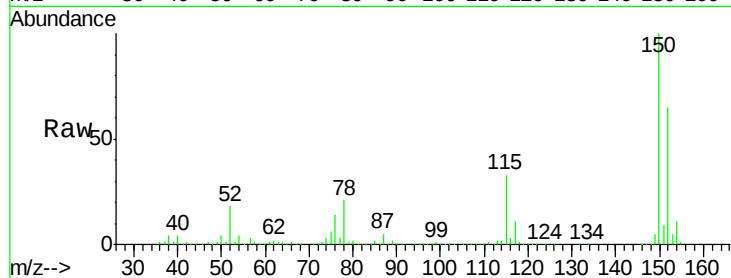




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.09 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX002999.D
 Acq: 28 Jun 2018 21:26

Instrument :
 MSVOA_X
 ClientSampleId :
 ZER-GW-SB-03

Tot Ion	Ratio	Lower	Upper
152	100		
115	54.2	40.1	120.2
150	156.3	0.0	347.2



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

