

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060518\
 Data File : VX002312.D
 Acq On : 05 Jun 2018 18:11
 Operator : JC/MD
 Sample : J3268-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW765-180530

Quant Time: Jun 06 05:45:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

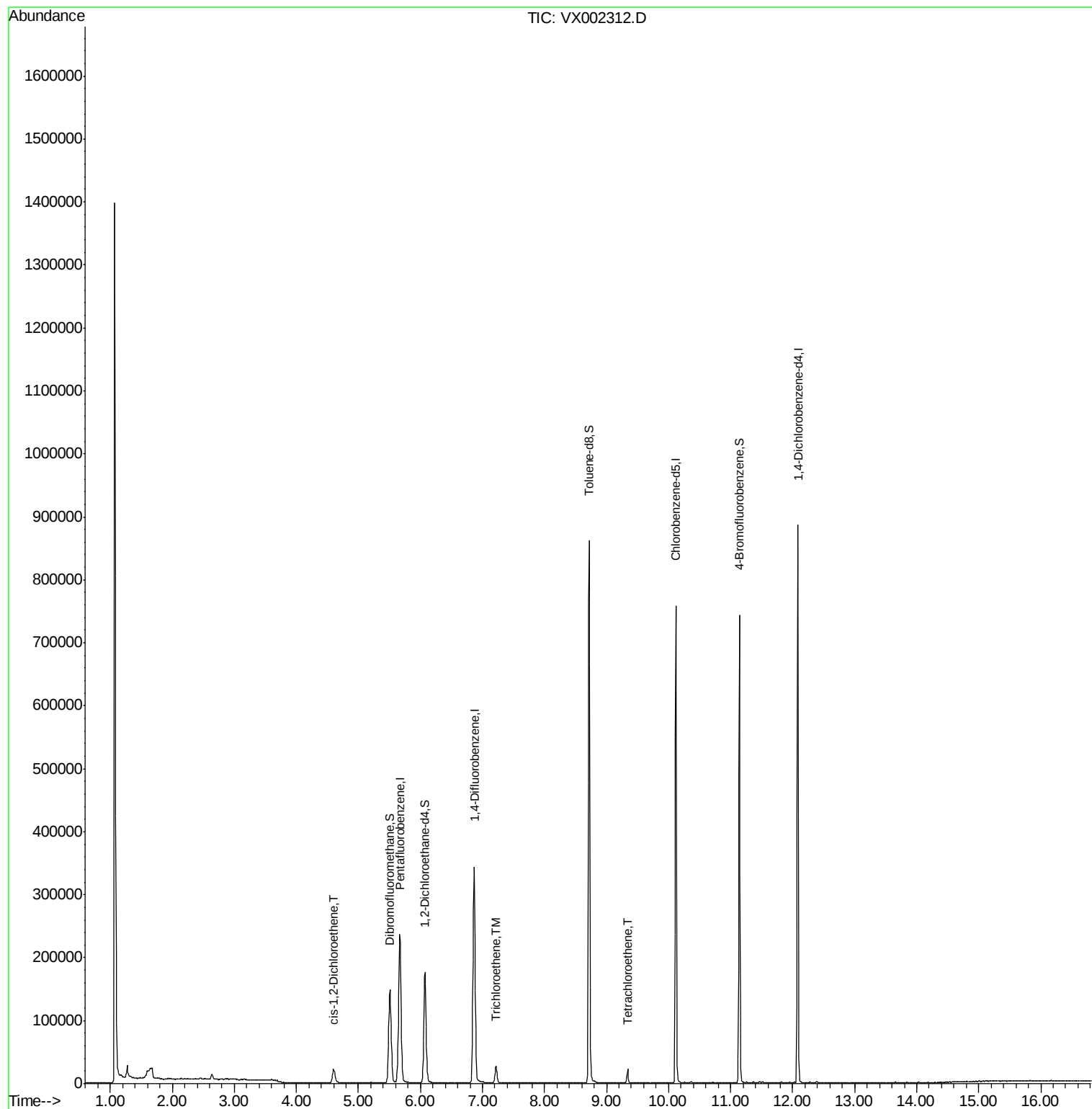
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	232964	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	340873	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	317717	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	177761	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	165396	49.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.24%	
35) Dibromofluoromethane	5.51	113	120159	44.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.64%	
50) Toluene-d8	8.72	98	494299	48.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.22%	
62) 4-Bromofluorobenzene	11.14	95	174879	44.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.28%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.60	96	12888	4.333	ug/l	91
44) Trichloroethene	7.22	130	10484	3.438	ug/l	97
64) Tetrachloroethene	9.34	164	4327	1.321	ug/l	95

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX002312.D

Acq: 05 Jun 2018 18:11

Instrument :

MSVOA_X

ClientSampleId :

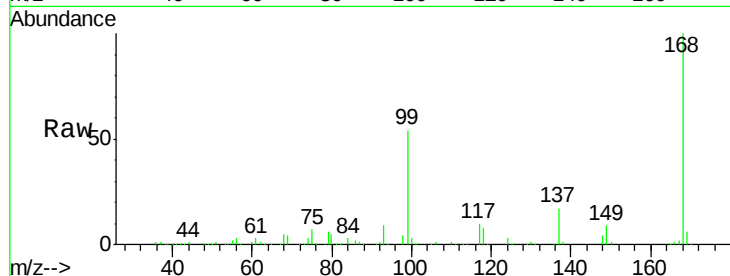
SS052MW765-180530

Tot Ion:168 Resp: 232964

Ion Ratio Lower Upper

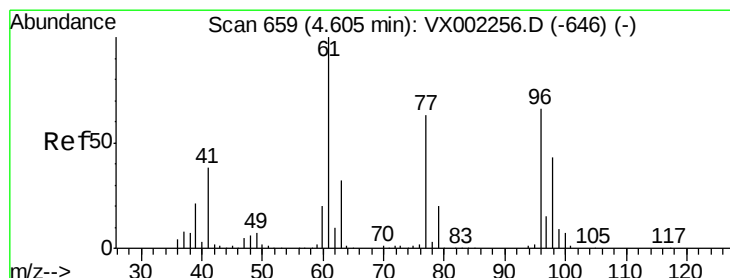
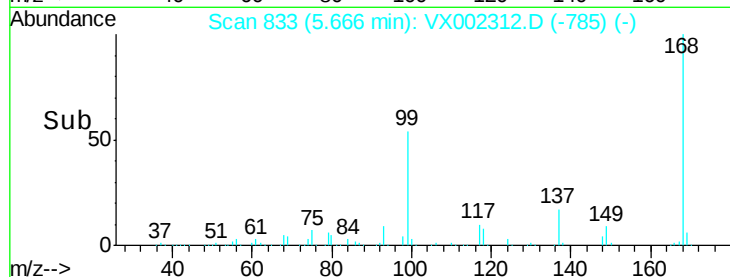
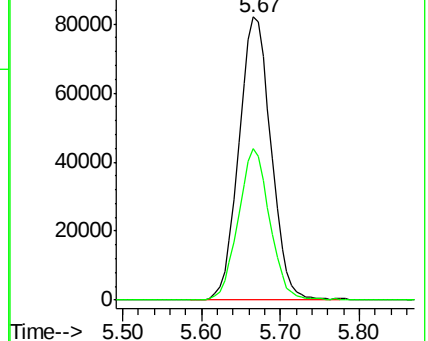
168 100

99 53.6 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#27

cis-1,2-Dichloroethene

Concen: 4.333 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.01 min

Lab File: VX002312.D

Acq: 05 Jun 2018 18:11

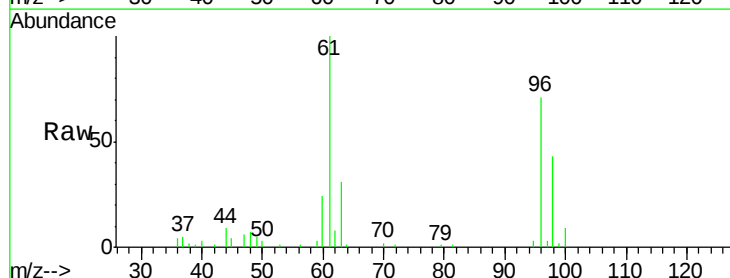
Tgt Ion: 96 Resp: 12888

Ion Ratio Lower Upper

96 100

61 181.0 0.0 330.2

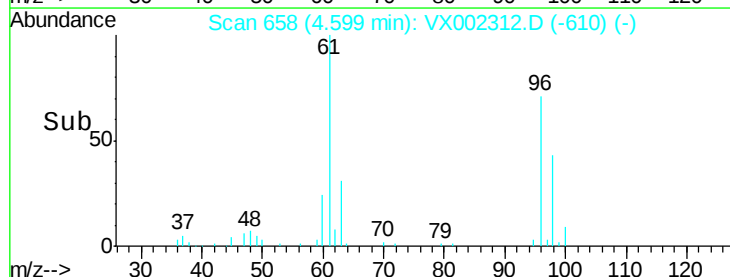
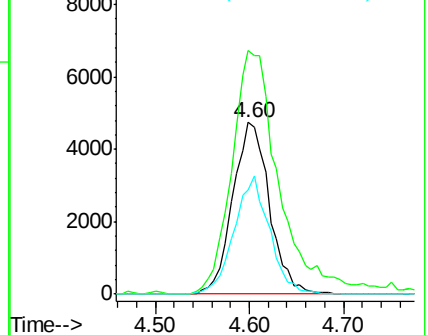
98 66.1 0.0 130.2



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

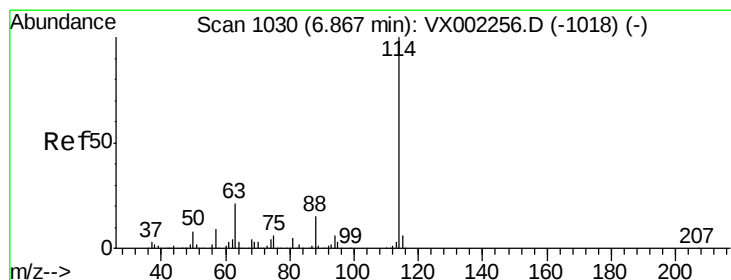
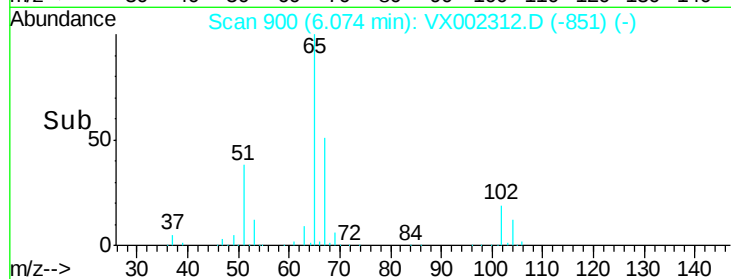
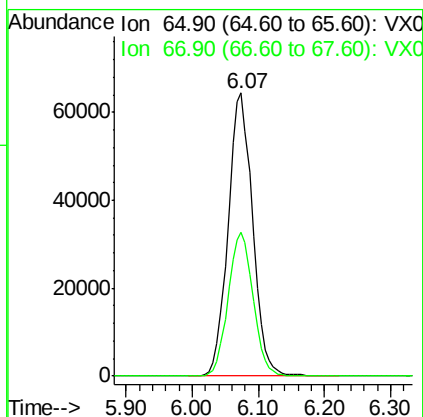
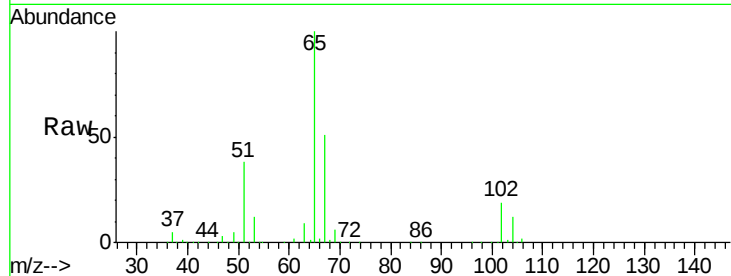




#33
 1,2-Dichloroethane-d4
 Concen: 49.622 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX002312.D
 Acq: 05 Jun 2018 18:11

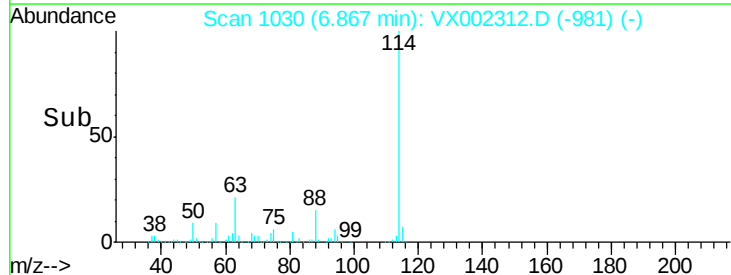
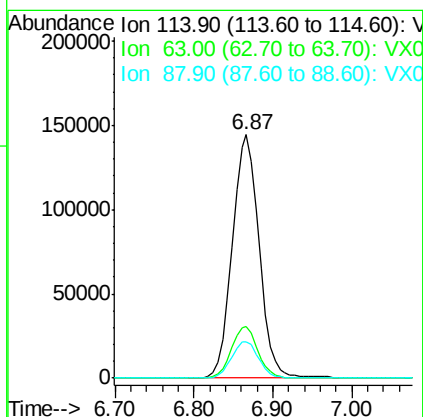
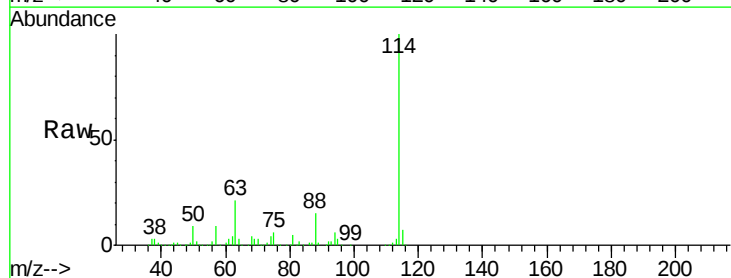
Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW765-180530

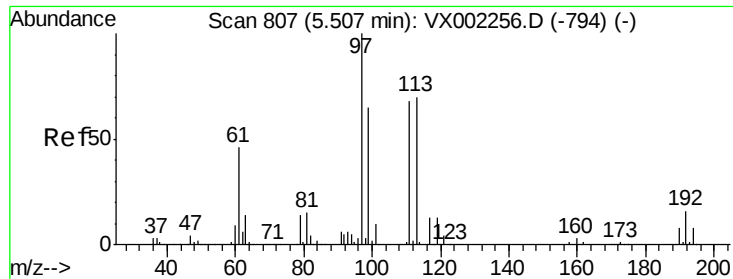
Tot Ion: 65 Resp: 165396
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX002312.D
 Acq: 05 Jun 2018 18:11

Tgt Ion: 114 Resp: 340873
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 41.4
 88 14.7 0.0 30.0

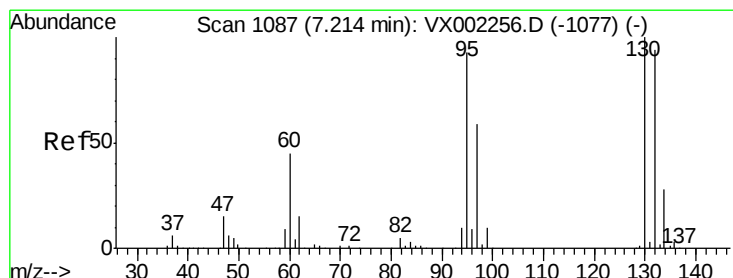
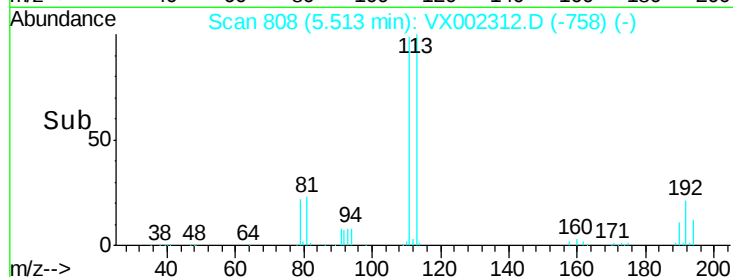
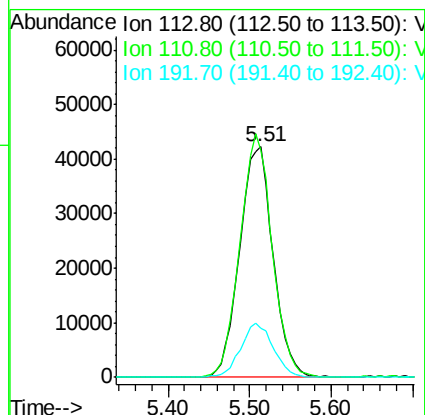
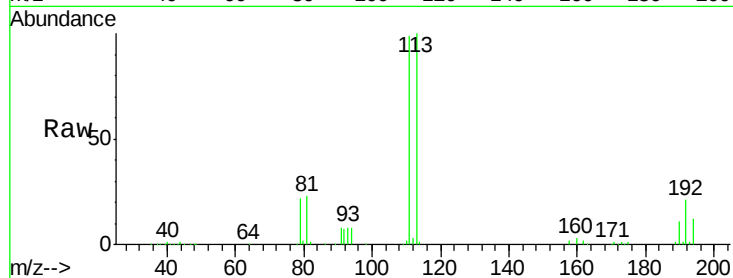




#35
Dibromofluoromethane
Concen: 44.825 ug/l
RT: 5.51 min Scan# 808
Delta R.T. 0.01 min
Lab File: VX002312.D
Acq: 05 Jun 2018 18:11

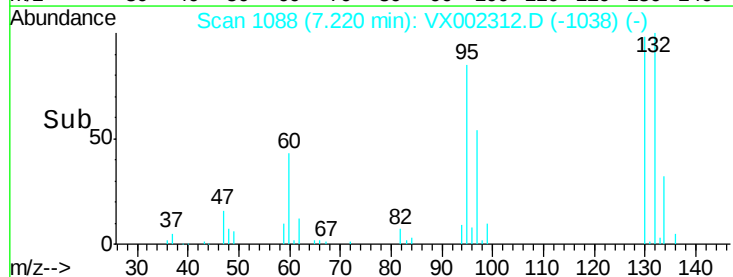
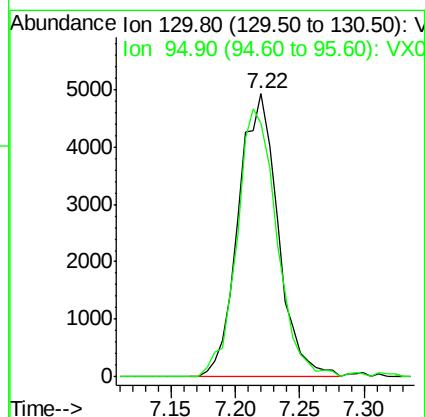
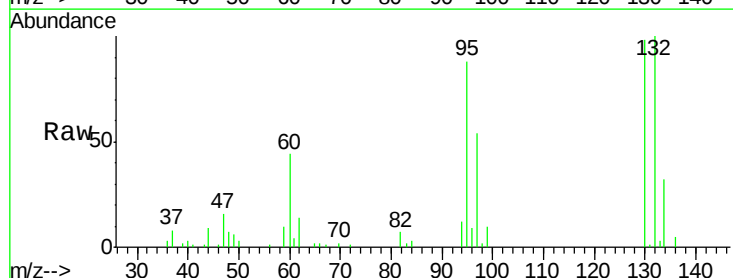
Instrument :
MSVOA_X
ClientSampleId :
SS052MW765-180530

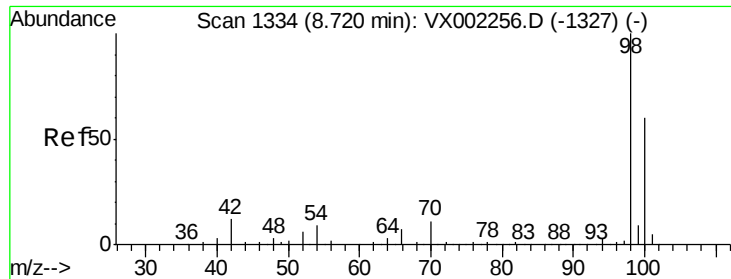
Tot Ion:113 Resp: 120159
Ion Ratio Lower Upper
113 100
111 101.9 81.4 122.0
192 23.1 19.1 28.7



#44
Trichloroethene
Concen: 3.438 ug/l
RT: 7.22 min Scan# 1088
Delta R.T. 0.01 min
Lab File: VX002312.D
Acq: 05 Jun 2018 18:11

Tgt Ion:130 Resp: 10484
Ion Ratio Lower Upper
130 100
95 89.9 0.0 185.4

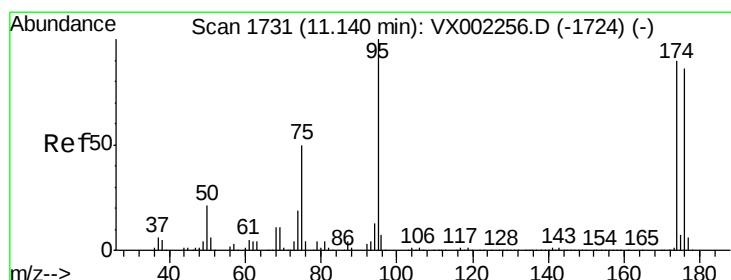
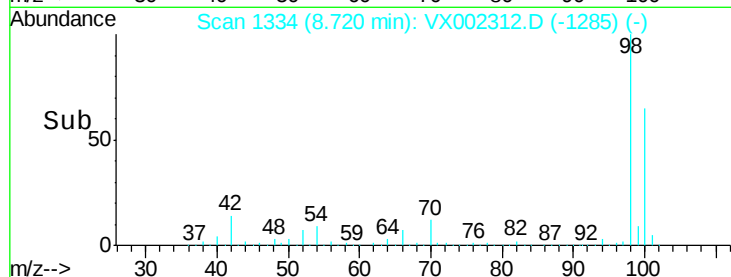
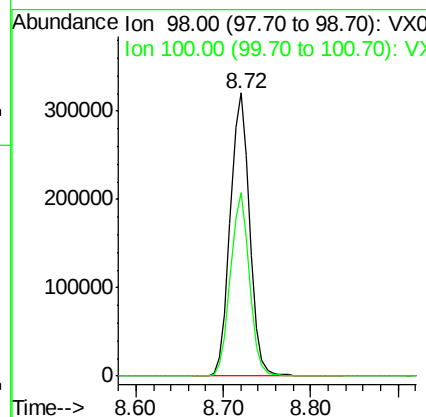
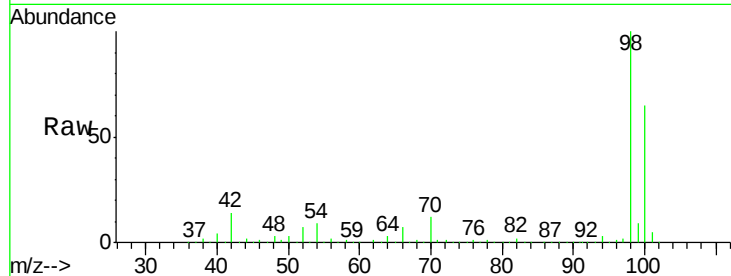




#50
Toluene-d8
Concen: 48.108 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX002312.D
Acq: 05 Jun 2018 18:11

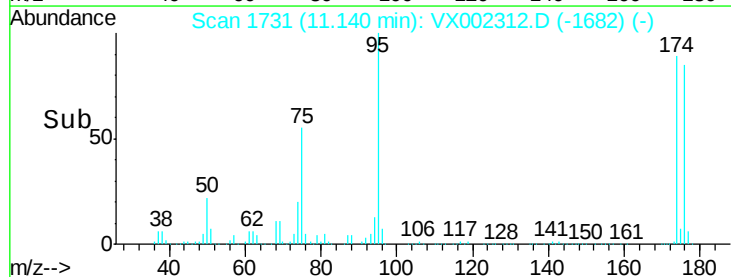
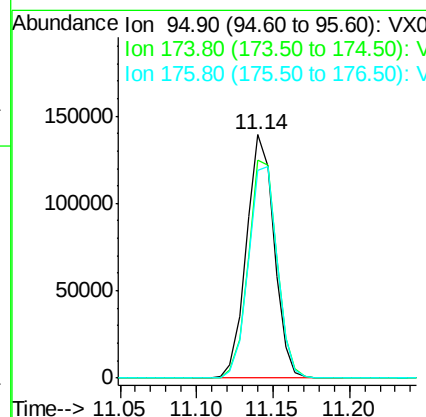
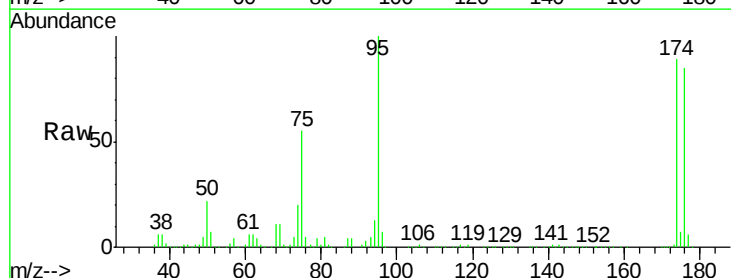
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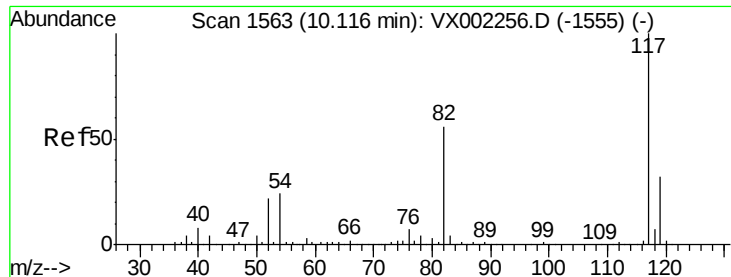
Tot Ion: 98 Resp: 494299
Ion Ratio Lower Upper
98 100
100 63.4 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 44.138 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX002312.D
Acq: 05 Jun 2018 18:11

Tgt Ion: 95 Resp: 174879
Ion Ratio Lower Upper
95 100
174 92.8 0.0 187.4
176 90.6 0.0 181.0

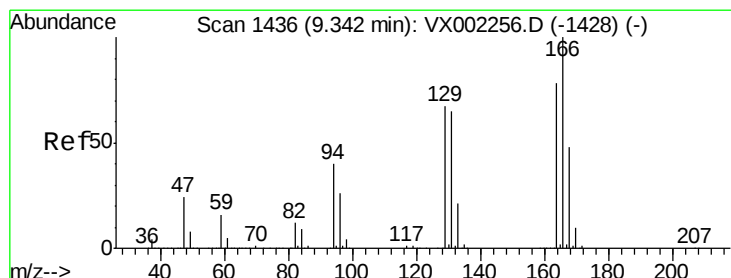
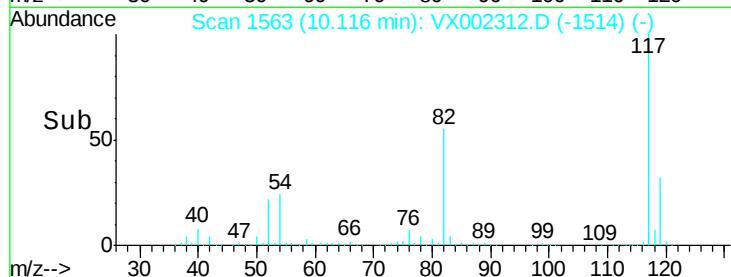
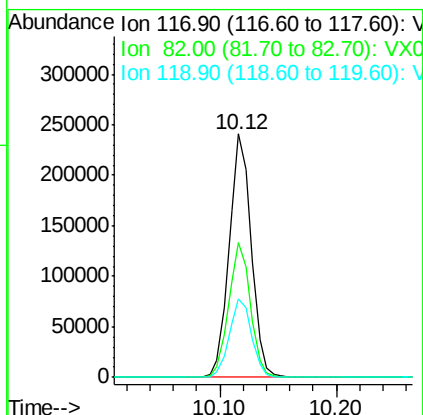
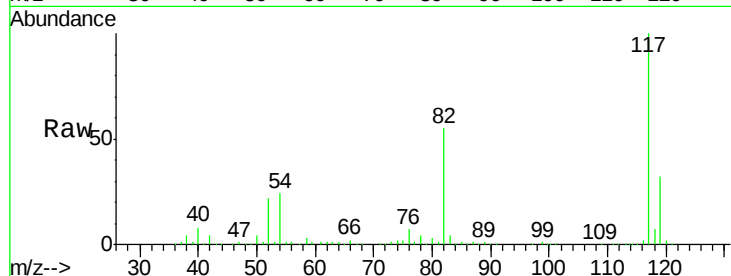




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002312.D
Acq: 05 Jun 2018 18:11

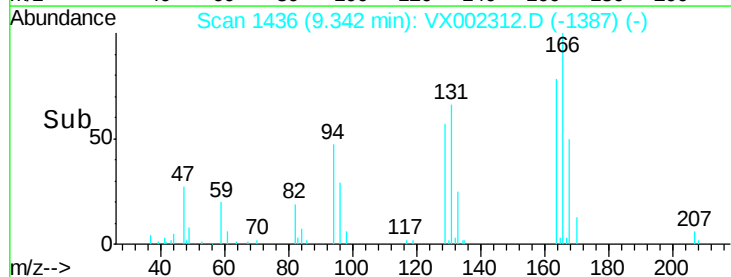
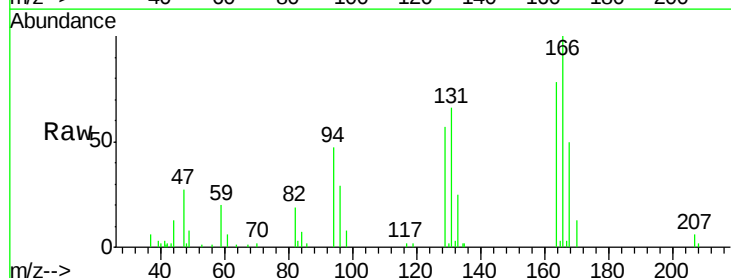
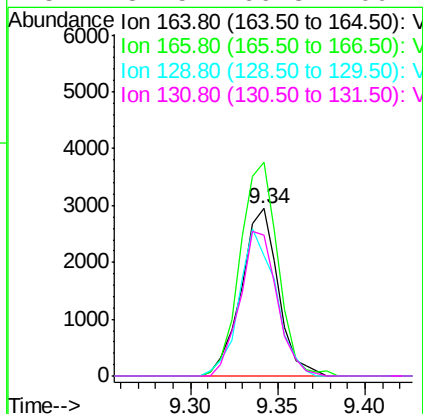
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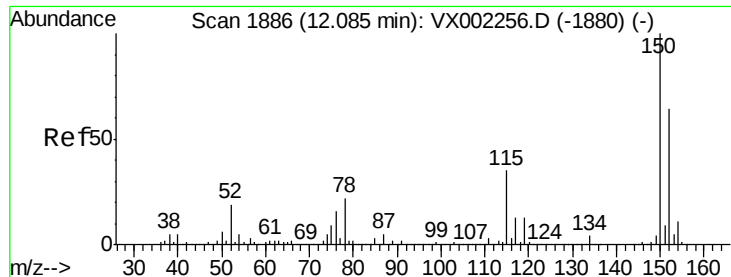
Tot Ion:117 Resp: 317717
Ion Ratio Lower Upper
117 100
82 55.2 45.0 67.4
119 32.5 25.8 38.6



#64
Tetrachloroethene
Concen: 1.321 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX002312.D
Acq: 05 Jun 2018 18:11

Tgt Ion:164 Resp: 4327
Ion Ratio Lower Upper
164 100
166 127.7 102.9 154.3
129 72.3 68.6 102.8
131 84.5 66.8 100.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX002312.D

Acq: 05 Jun 2018 18:11

Instrument :

MSVOA_X

ClientSampleId :

SS052MW765-180530

Tot Ion:152 Resp: 177761

Ion Ratio Lower Upper

152 100

115 55.8 40.1 120.2

150 158.3 0.0 347.2

