

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061118\
 Data File : VX002439.D
 Acq On : 11 Jun 2018 13:35
 Operator : JC/MD
 Sample : J2986-09RE
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-0458-180514RE

Quant Time: Jun 11 16:49:09 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

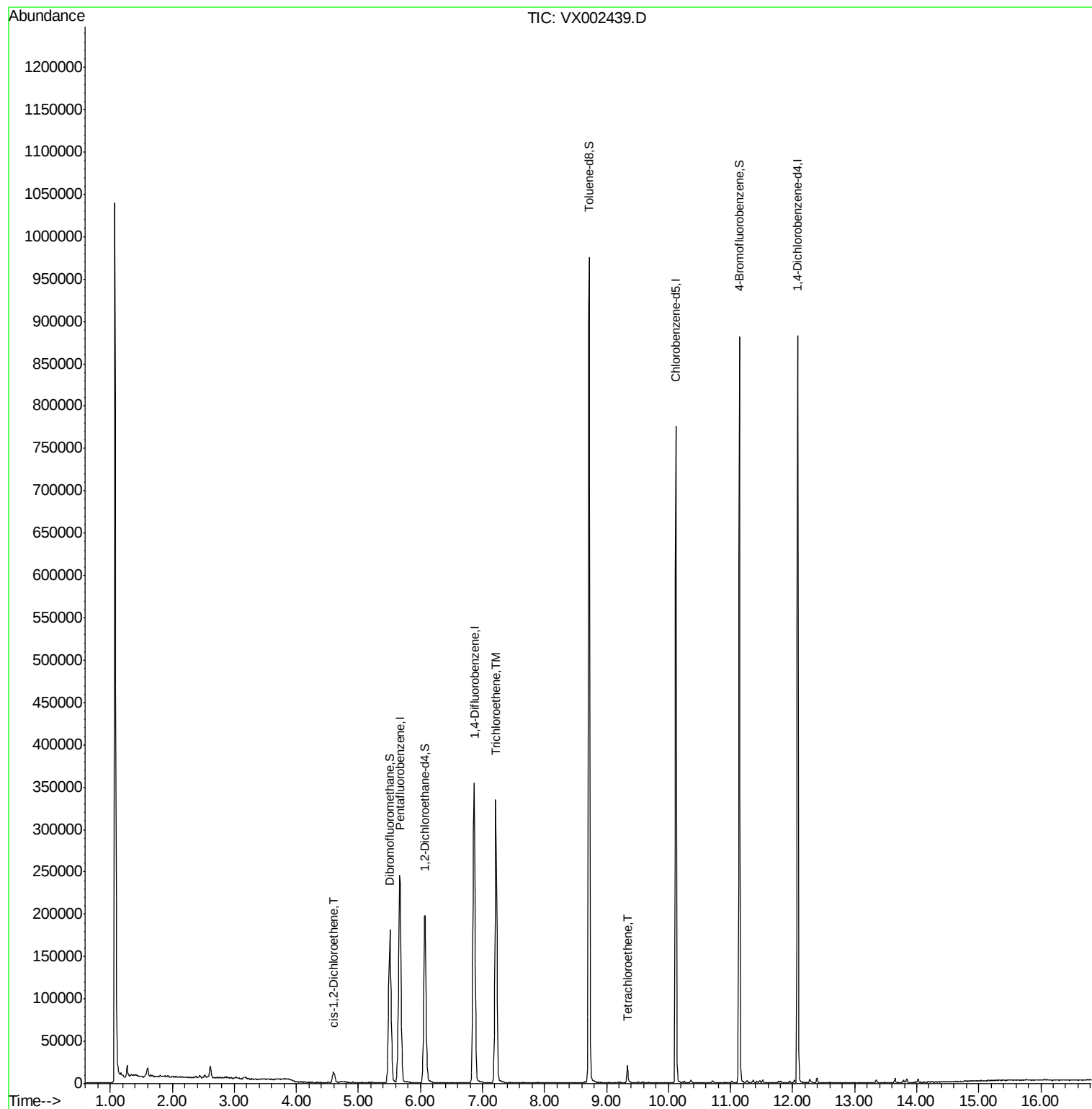
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	240427	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	351837	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	328049	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	186925	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	188020	55.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.08%	
35) Dibromofluoromethane	5.51	113	143917	52.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.02%	
50) Toluene-d8	8.72	98	559290	52.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.48%	
62) 4-Bromofluorobenzene	11.14	95	200647	49.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.12%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.60	96	6959	2.27	ug/l	95
44) Trichloroethene	7.21	130	127508	40.51	ug/l	97
64) Tetrachloroethene	9.34	164	3884	1.15	ug/l #	82

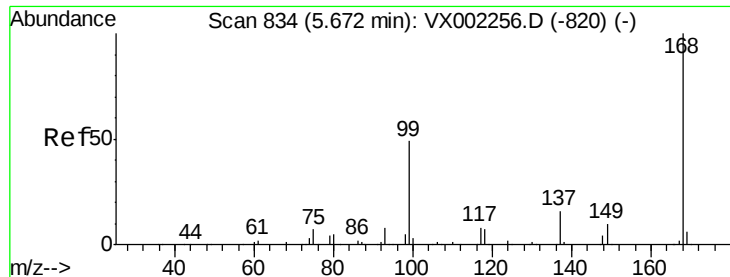
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX002439.D

Acq: 11 Jun 2018 13:35

Instrument :

MSVOA_X

ClientSampleId :

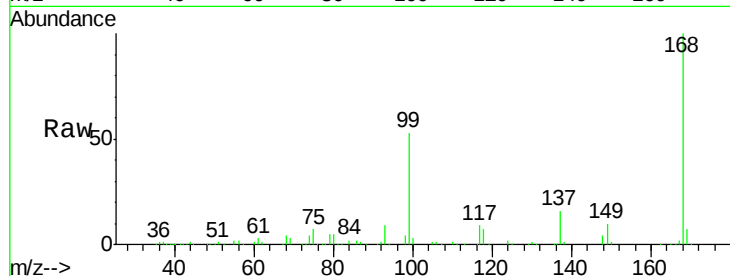
DUP-0458-180514RE

Tot Ion:168 Resp: 240427

Ion Ratio Lower Upper

168 100

99 52.9 39.3 58.9

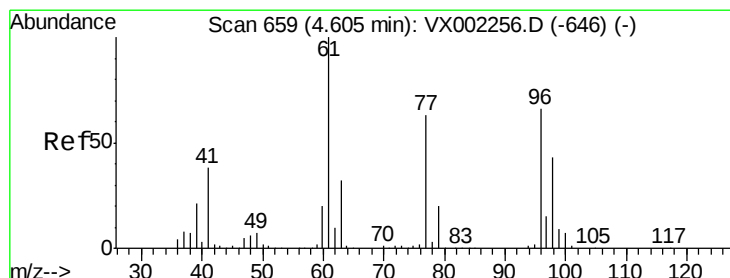
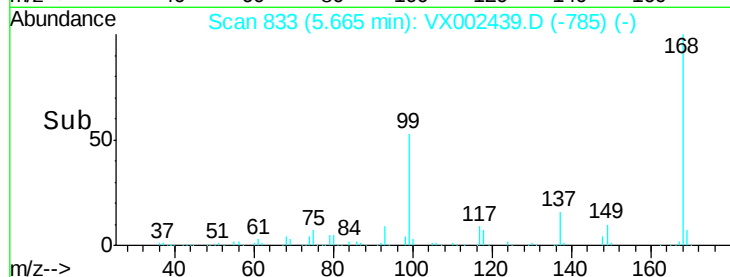


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

Time--> 5.50 5.60 5.70 5.80



#27

cis-1,2-Dichloroethene

Concen: 2.27 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.01 min

Lab File: VX002439.D

Acq: 11 Jun 2018 13:35

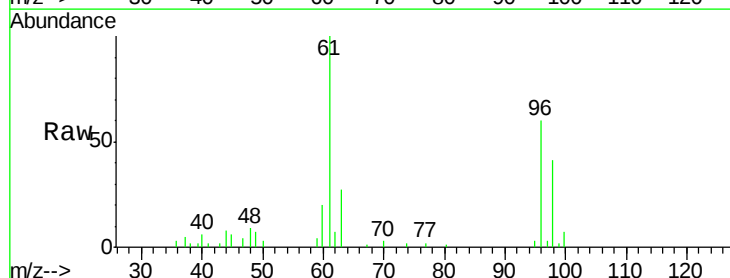
Tgt Ion: 96 Resp: 6959

Ion Ratio Lower Upper

96 100

61 173.6 0.0 330.2

98 66.3 0.0 130.2



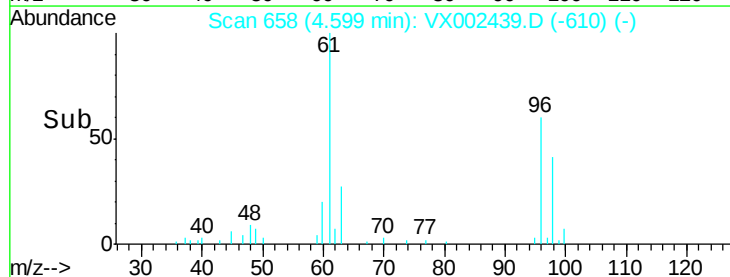
Abundance Ion 95.90 (95.60 to 96.60): VX0

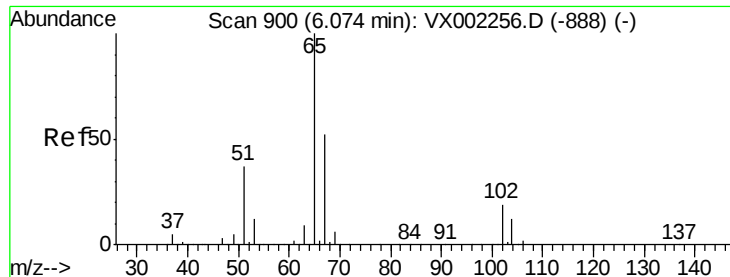
Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

4.60

Time--> 4.50 4.55 4.60 4.65 4.70

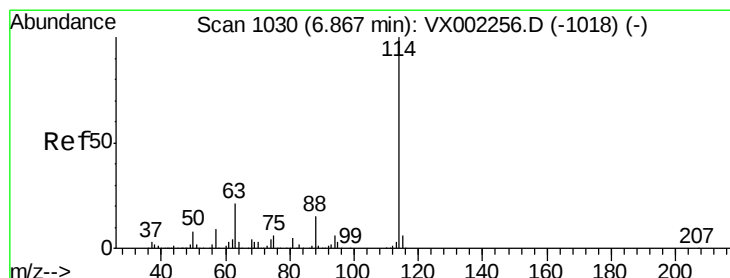
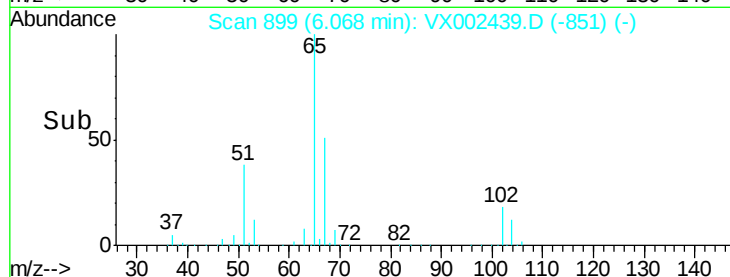
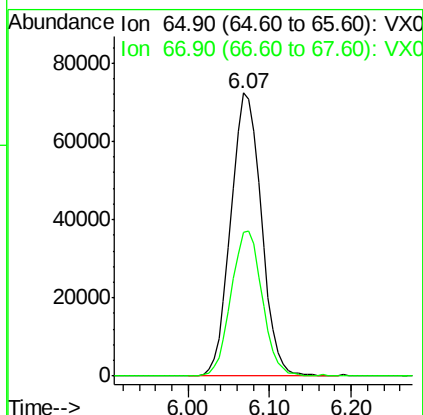
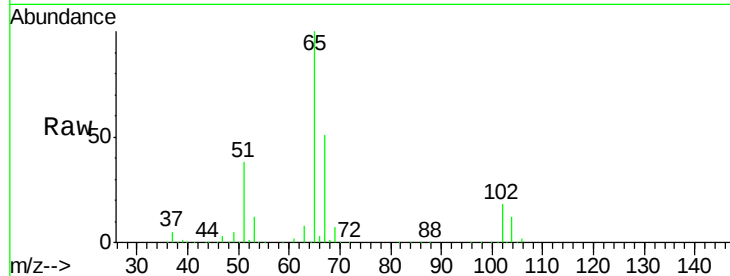




#33
 1,2-Dichloroethane-d4
 Concen: 55.04 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: VX002439.D
 Acq: 11 Jun 2018 13:35

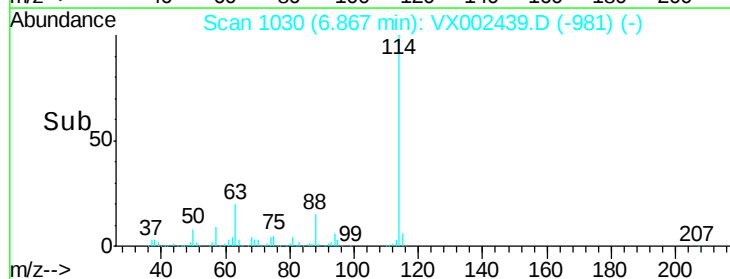
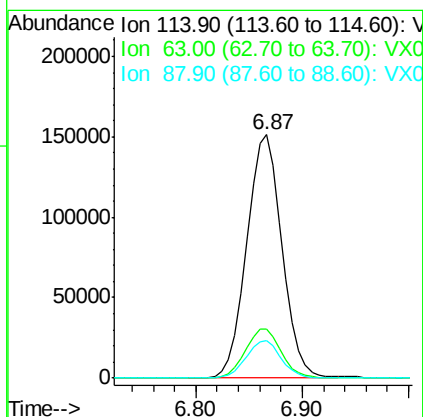
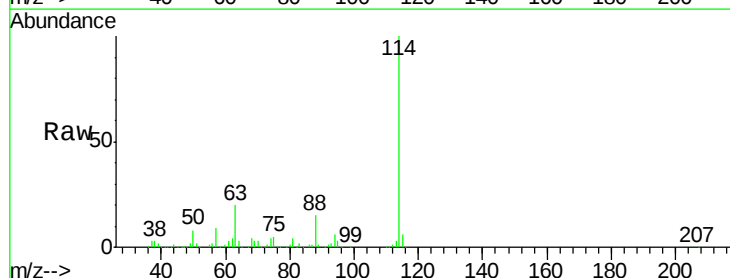
Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-0458-180514RE

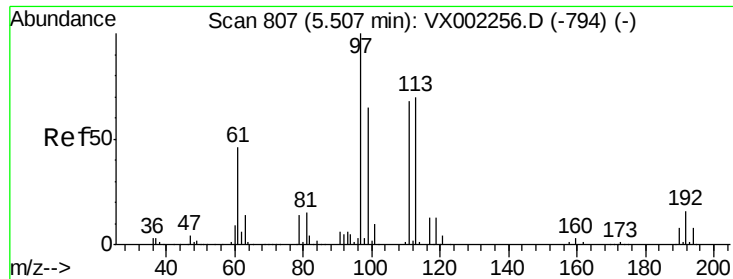
Tot Ion: 65 Resp: 188020
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX002439.D
 Acq: 11 Jun 2018 13:35

Tgt Ion: 114 Resp: 351837
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 41.4
 88 15.3 0.0 30.0

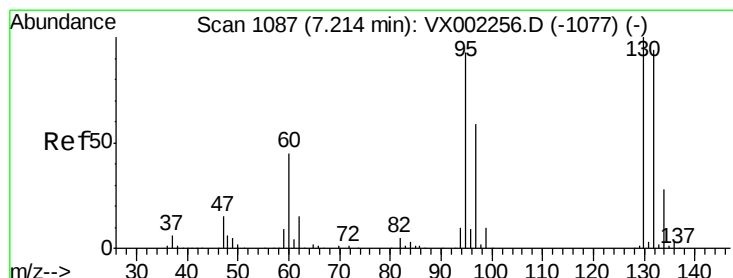
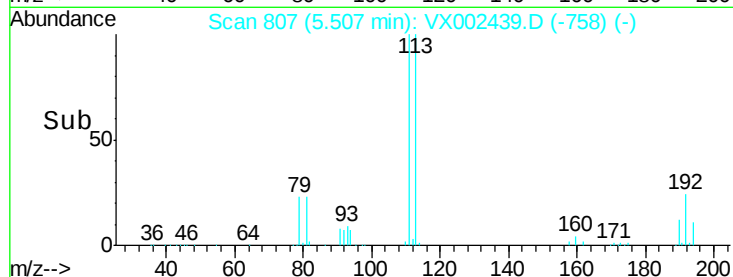
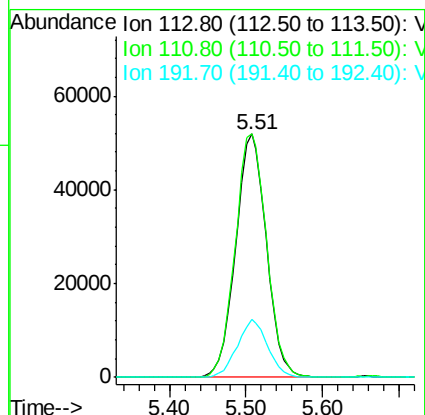
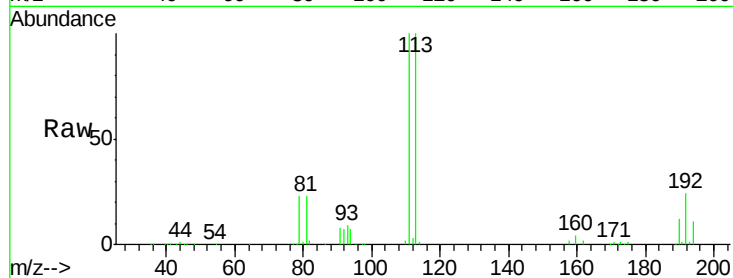




#35
 Dibromofluoromethane
 Concen: 52.01 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: VX002439.D
 Acq: 11 Jun 2018 13:35

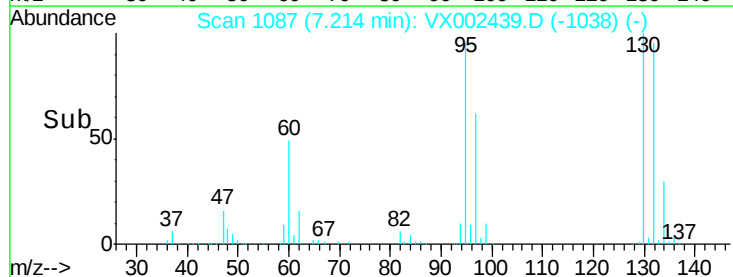
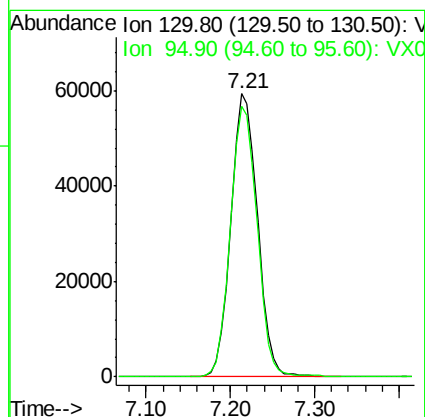
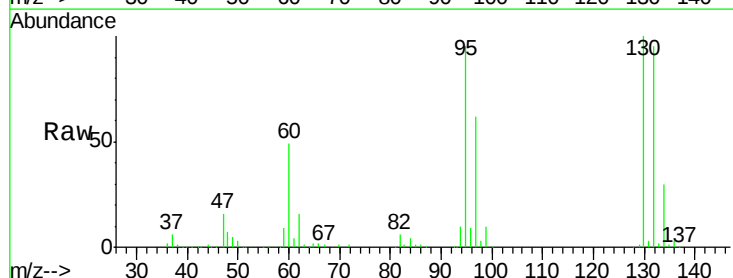
Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-0458-180514RE

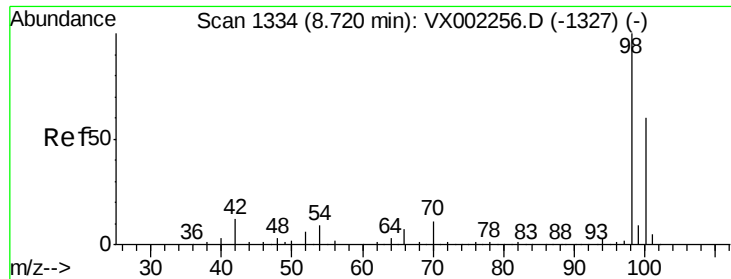
Tot Ion:113 Resp: 143917
 Ion Ratio Lower Upper
 113 100
 111 102.4 81.4 122.0
 192 23.5 19.1 28.7



#44
 Trichloroethene
 Concen: 40.51 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: VX002439.D
 Acq: 11 Jun 2018 13:35

Tgt Ion:130 Resp: 127508
 Ion Ratio Lower Upper
 130 100
 95 95.5 0.0 185.4

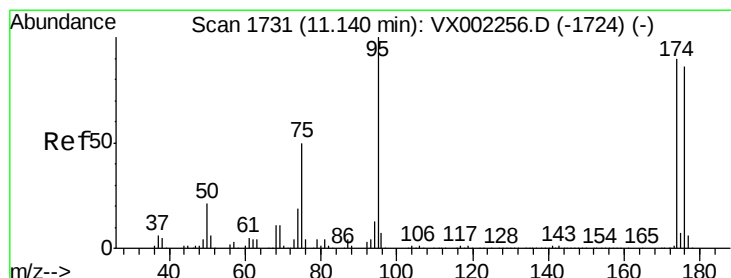
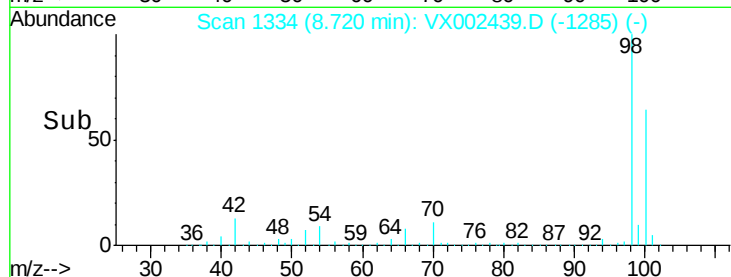
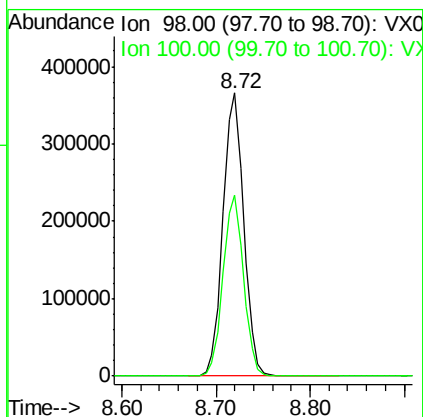
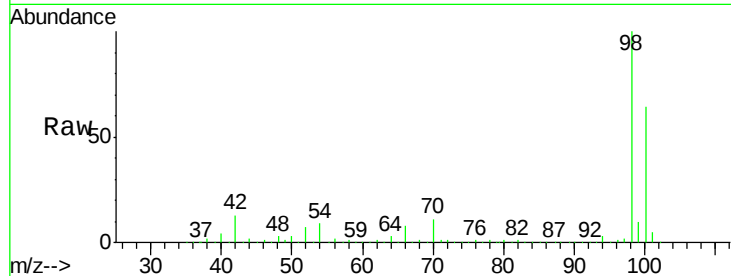




#50
Toluene-d8
Concen: 52.74 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX002439.D
Acq: 11 Jun 2018 13:35

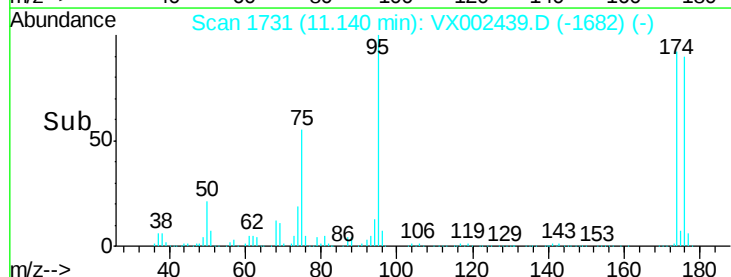
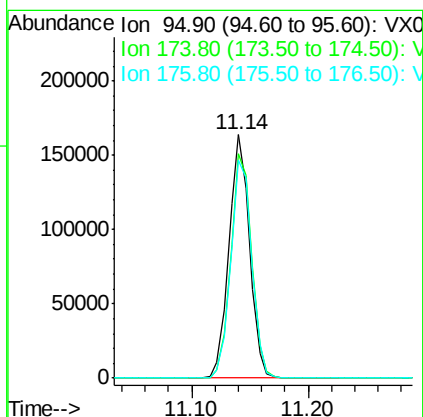
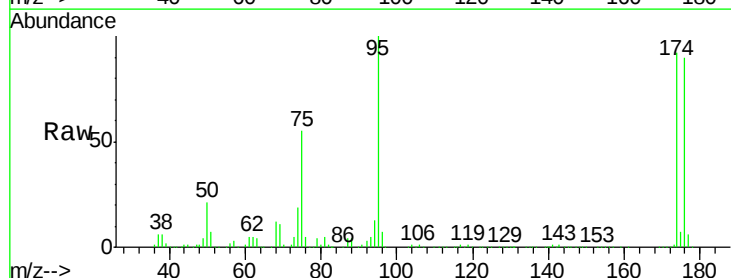
Instrument :
MSVOA_X
ClientSampleId :
DUP-0458-180514RE

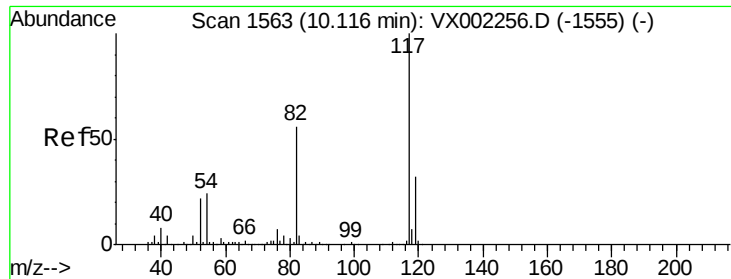
Tot Ion: 98 Resp: 559290
Ion Ratio Lower Upper
98 100
100 63.4 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 49.06 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX002439.D
Acq: 11 Jun 2018 13:35

Tgt Ion: 95 Resp: 200647
Ion Ratio Lower Upper
95 100
174 94.0 0.0 187.4
176 92.0 0.0 181.0

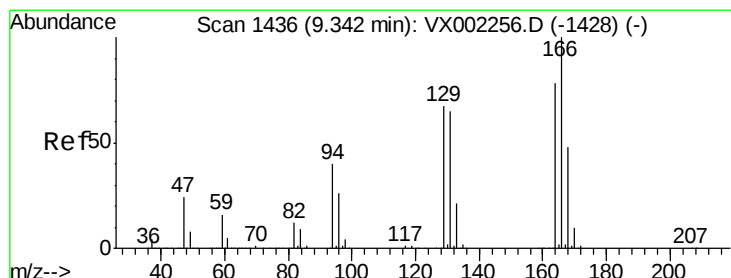
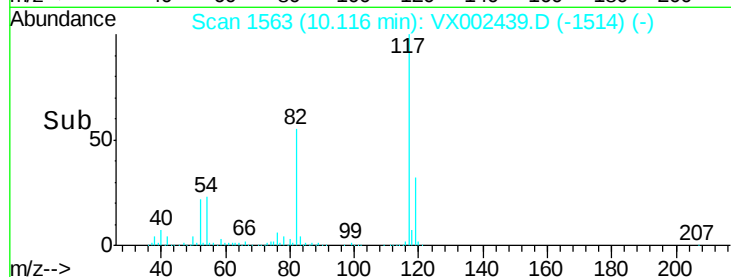
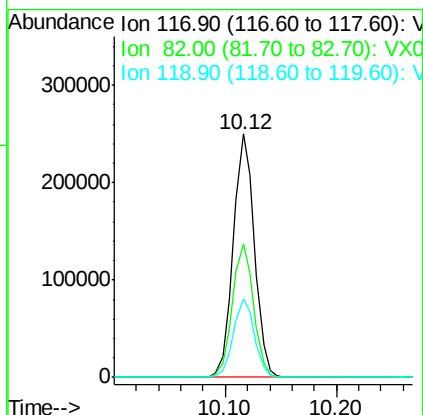
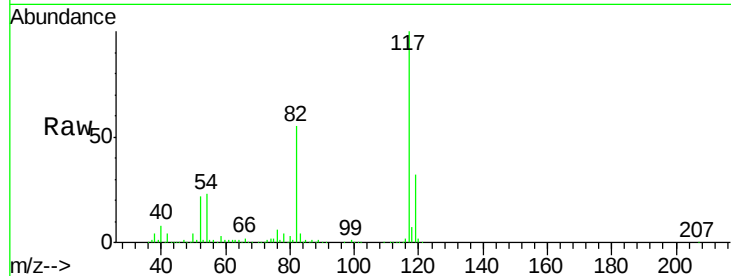




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002439.D
Acq: 11 Jun 2018 13:35

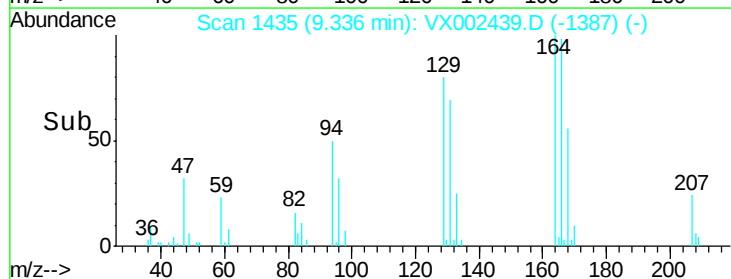
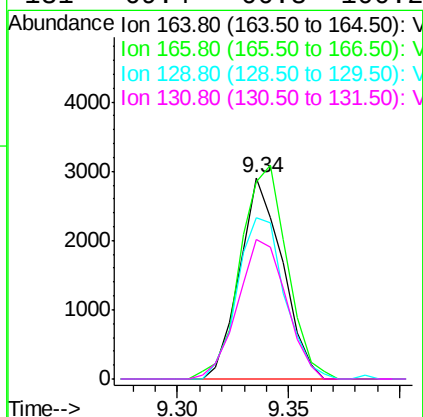
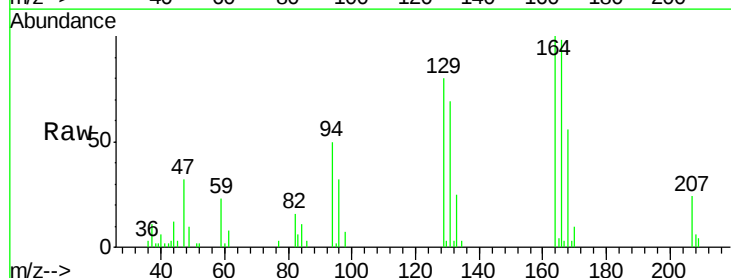
Instrument :
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ClientSampleId :
DUP-0458-180514RE

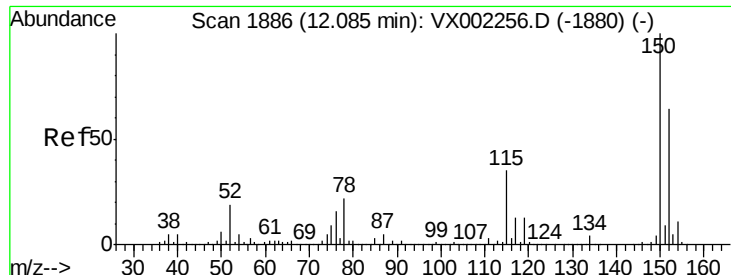
Tot Ion:117 Resp: 328049
Ion Ratio Lower Upper
117 100
82 54.9 45.0 67.4
119 32.1 25.8 38.6



#64
Tetrachloroethene
Concen: 1.15 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.01 min
Lab File: VX002439.D
Acq: 11 Jun 2018 13:35

Tgt Ion:164 Resp: 3884
Ion Ratio Lower Upper
164 100
166 97.8 102.9 154.3#
129 80.2 68.6 102.8
131 69.4 66.8 100.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX002439.D

Acq: 11 Jun 2018 13:35

Instrument :

MSVOA_X

ClientSampleId :

DUP-0458-180514RE

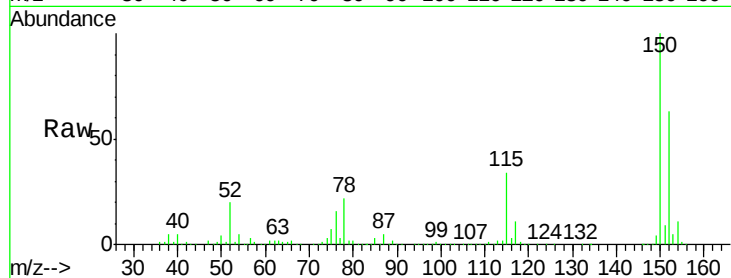
Tot Ion:152 Resp: 186925

Ion Ratio Lower Upper

152 100

115 55.8 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

