

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX090718\
 Data File : VX004410.D
 Acq On : 07 Sep 2018 16:31
 Operator : JC/MD
 Sample : J4812-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-12

Quant Time: Sep 08 04:08:53 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	322235	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	515032	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	500996	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	276665	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	222870	53.07	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	106.14%	
35) Dibromofluoromethane	5.50	113	196143	51.19	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	102.38%	
50) Toluene-d8	8.72	98	734309	50.77	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.54%	
62) 4-Bromofluorobenzene	11.14	95	261250	48.41	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	96.82%	

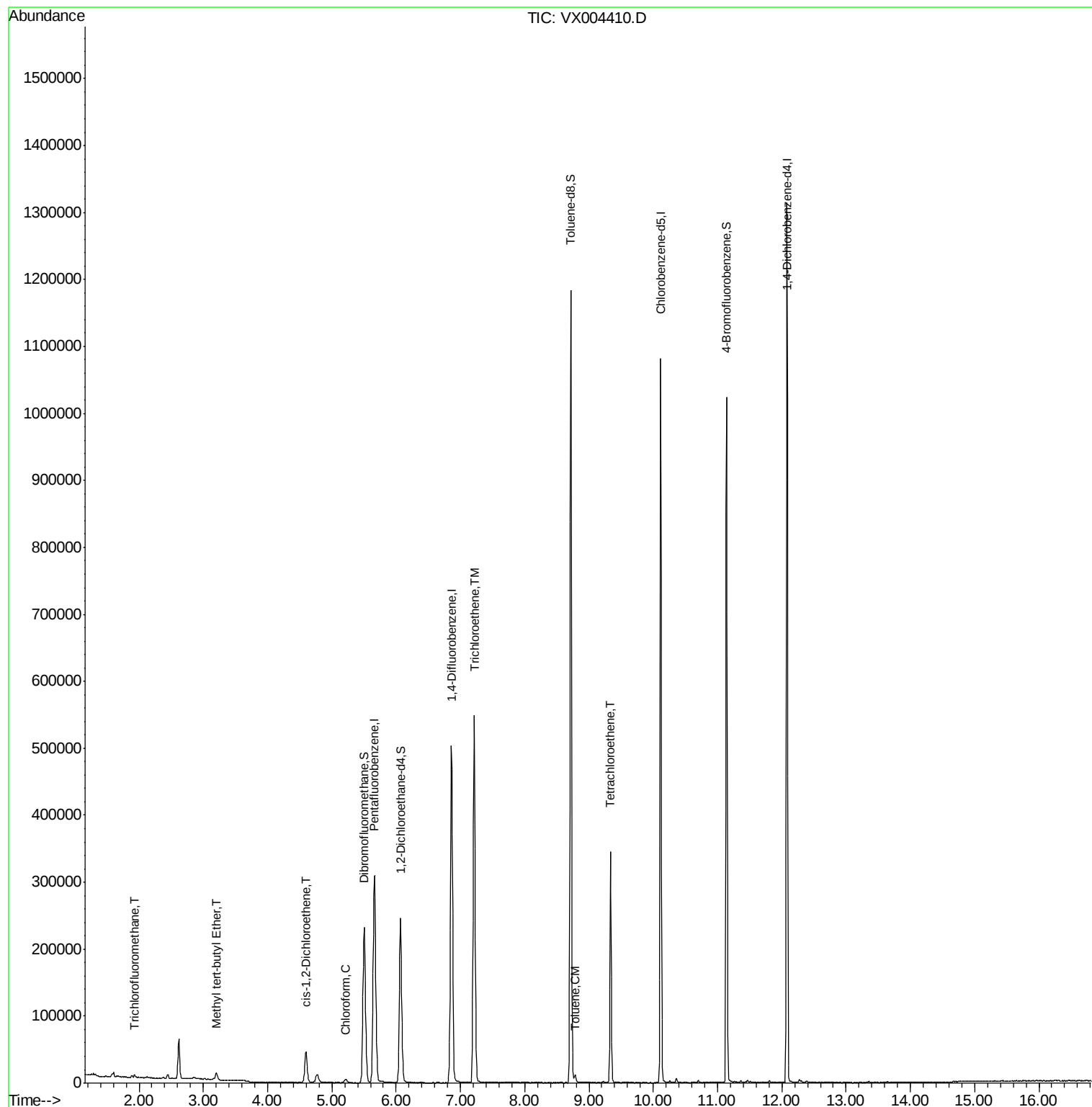
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
7) Trichlorofluoromethane	1.93	101	2745	0.47	ug/l	92
19) Methyl tert-butyl Ether	3.20	73	10951	0.97	ug/l	94
27) cis-1,2-Dichloroethene	4.60	96	30827	7.19	ug/l	90
30) Chloroform	5.21	83	5235	0.77	ug/l	86
44) Trichloroethene	7.21	130	222627	46.49	ug/l	100
52) Toluene	8.79	92	3303	0.30	ug/l	93
64) Tetrachloroethene	9.34	164	70719	14.29	ug/l	97

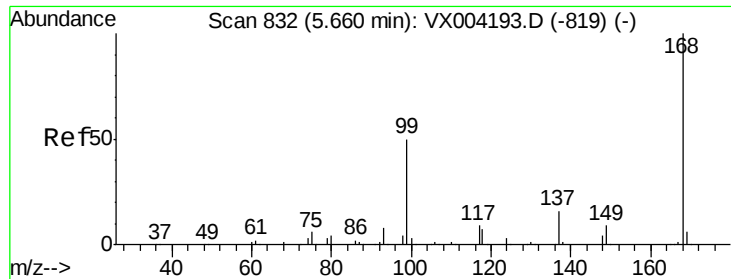
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX090718\
Data File : VX004410.D
Acq On : 07 Sep 2018 16:31
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Sample : J4812-01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-12

Quant Time: Sep 08 04:08:53 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
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: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX004410.D

Acq: 07 Sep 2018 16:31

Instrument :

MSVOA_X

ClientSampled :

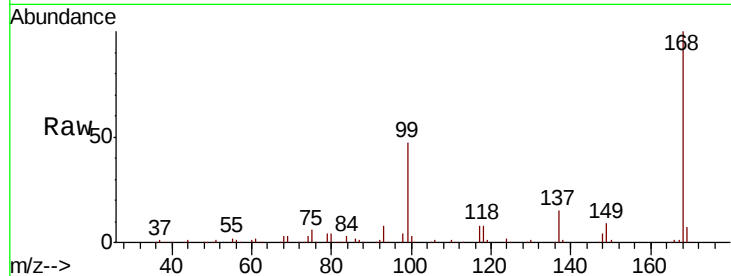
MW-12

Tot Ion:168 Resp: 322235

Ion Ratio Lower Upper

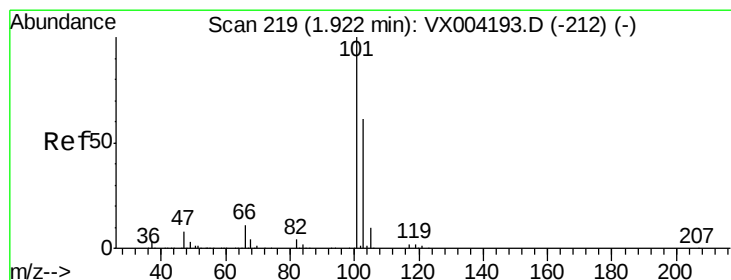
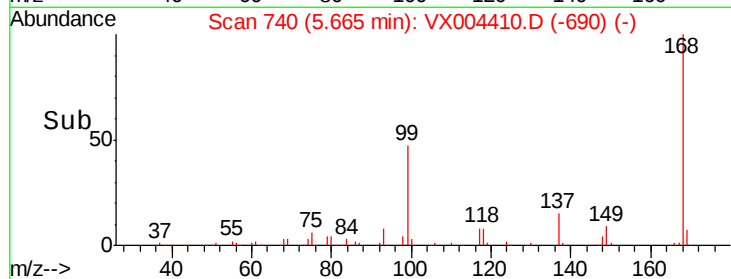
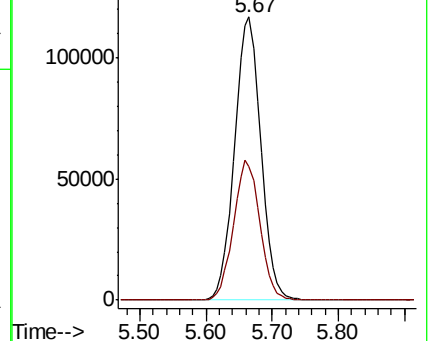
168 100

99 47.2 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#7

Trichlorofluoromethane

Concen: 0.47 ug/l

RT: 1.93 min Scan# 127

Delta R.T. 0.01 min

Lab File: VX004410.D

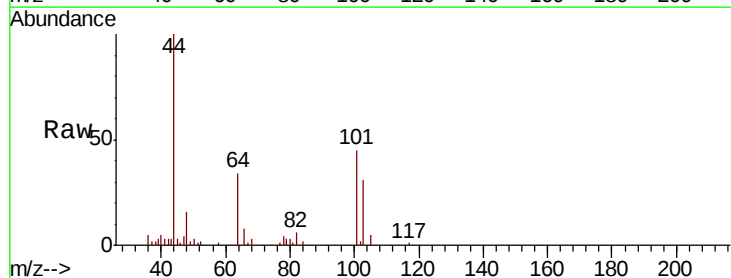
Acq: 07 Sep 2018 16:31

Tgt Ion:101 Resp: 2745

Ion Ratio Lower Upper

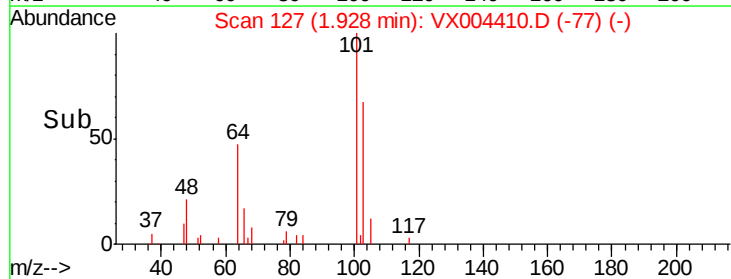
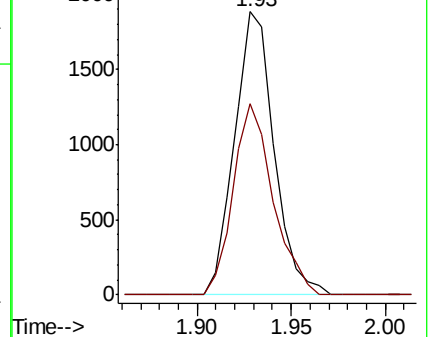
101 100

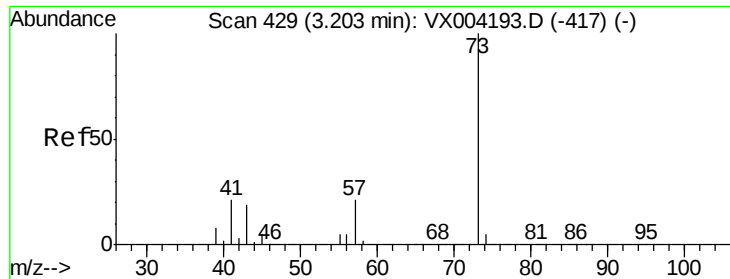
103 67.5 48.9 73.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V

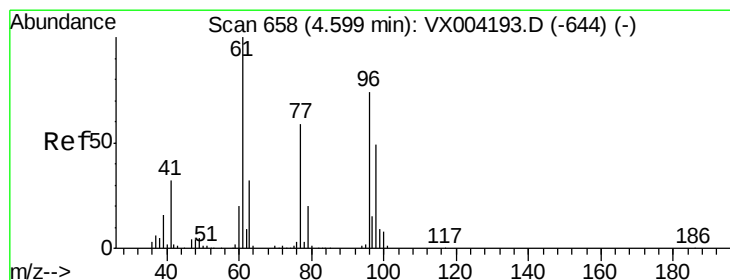
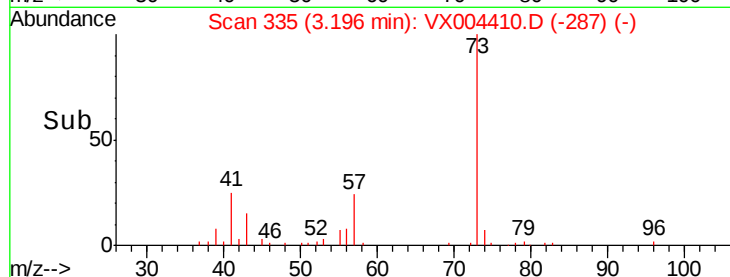
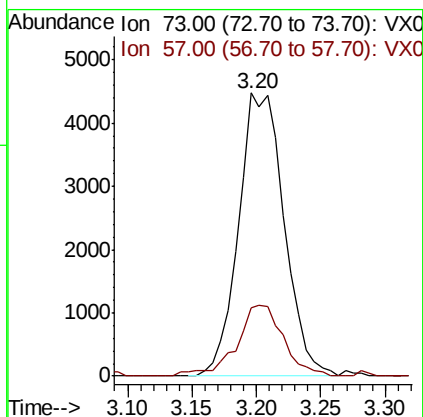
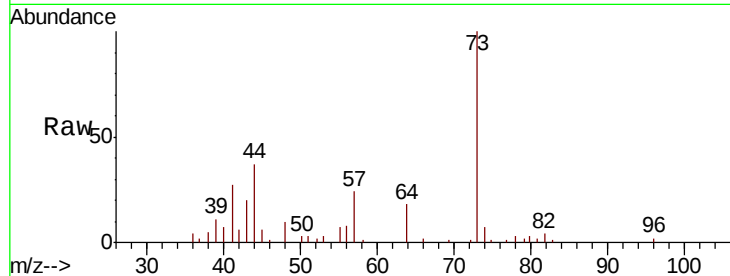




#19
Methvl tert-butvl Ether
Concen: 0.97 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.01 min
Lab File: VX004410.D
Acq: 07 Sep 2018 16:31

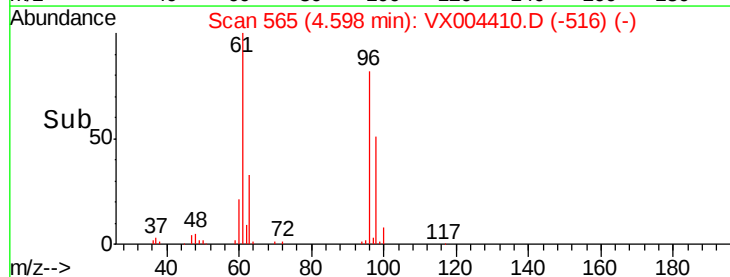
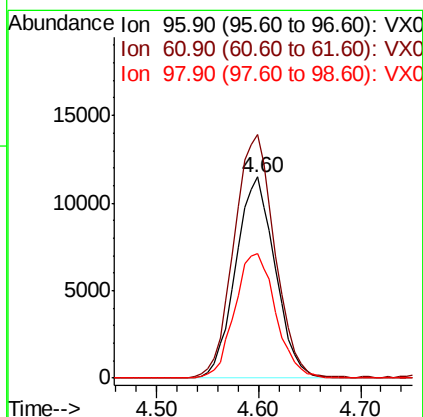
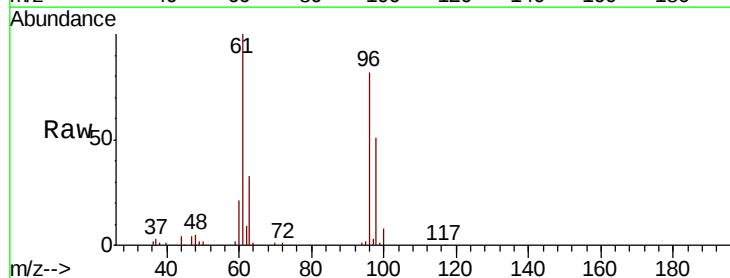
Instrument :
MSVOA_X
ClientSampleId :
MW-12

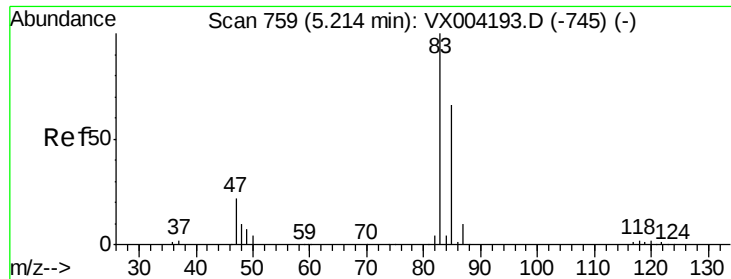
Tot Ion: 73 Resp: 10951
Ion Ratio Lower Upper
73 100
57 24.0 17.1 25.7



#27
cis-1,2-Dichloroethene
Concen: 7.19 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX004410.D
Acq: 07 Sep 2018 16:31

Tgt Ion: 96 Resp: 30827
Ion Ratio Lower Upper
96 100
61 124.7 0.0 282.6
98 64.2 0.0 130.2

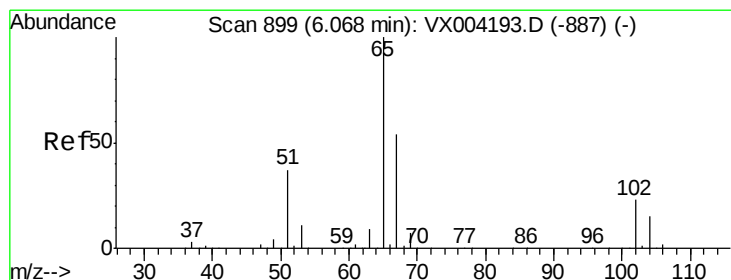
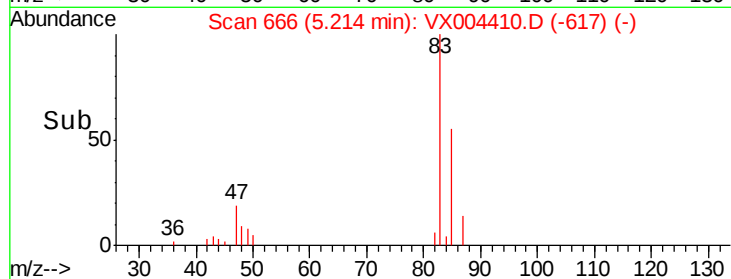
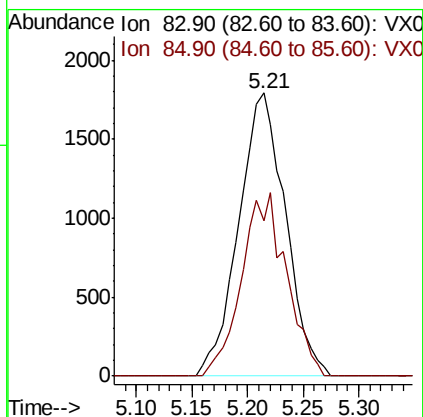
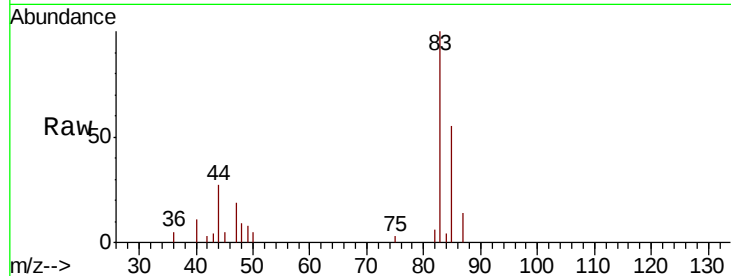




#30
Chloroform
Concen: 0.77 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX004410.D
Acq: 07 Sep 2018 16:31

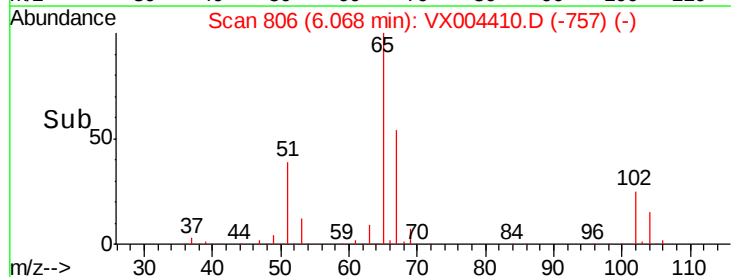
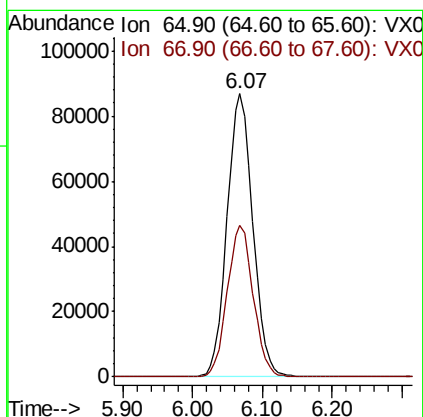
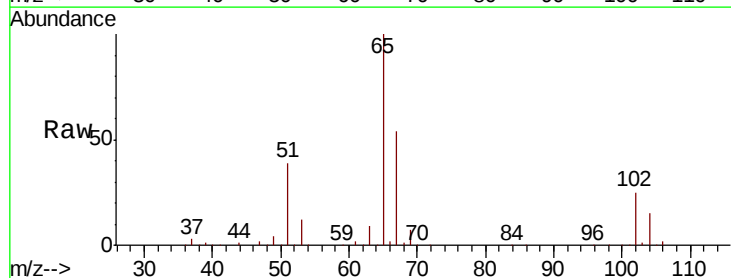
Instrument :
MSVOA_X
ClientSampleId :
MW-12

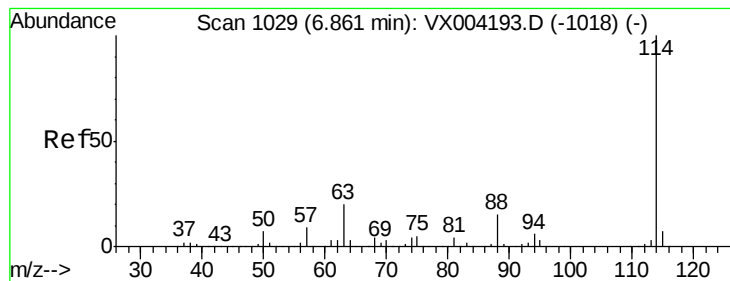
Tot Ion: 83 Resp: 5235
Ion Ratio Lower Upper
83 100
85 55.0 52.6 79.0



#33
1,2-Dichloroethane-d4
Concen: 53.07 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX004410.D
Acq: 07 Sep 2018 16:31

Tgt Ion: 65 Resp: 222870
Ion Ratio Lower Upper
65 100
67 53.7 0.0 106.8





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX004410.D

Acq: 07 Sep 2018 16:31

Instrument :

MSVOA_X

ClientSampleId :

MW-12

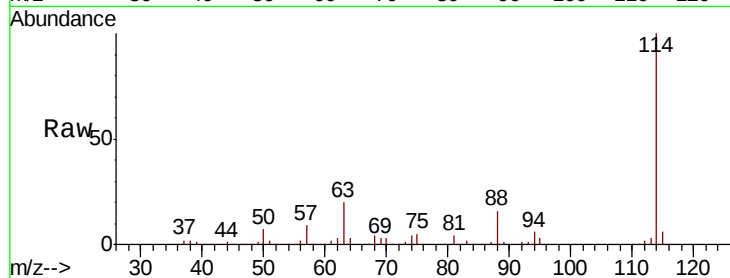
Tot Ion:114 Resp: 515032

Ion Ratio Lower Upper

114 100

63 20.0 0.0 39.0

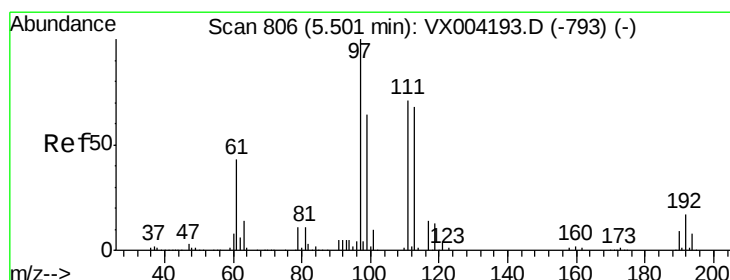
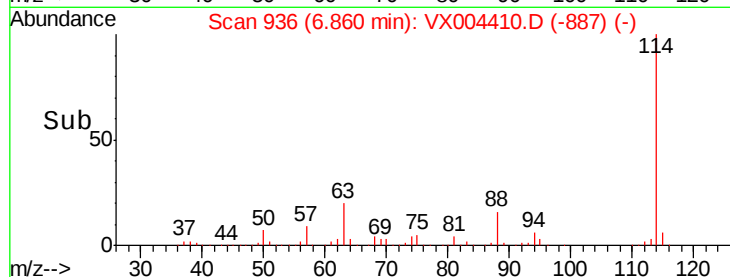
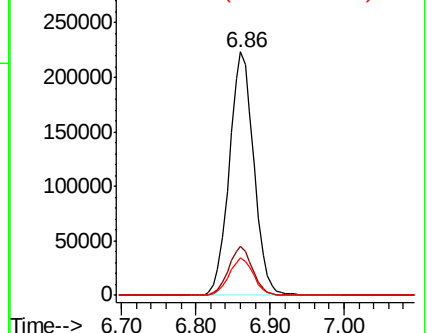
88 15.5 0.0 30.4



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: 51.19 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX004410.D

Acq: 07 Sep 2018 16:31

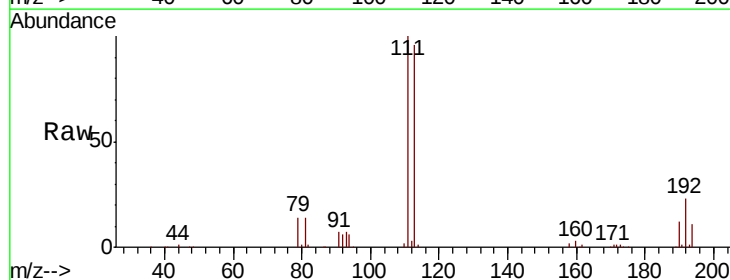
Tgt Ion:113 Resp: 196143

Ion Ratio Lower Upper

113 100

111 103.1 82.4 123.6

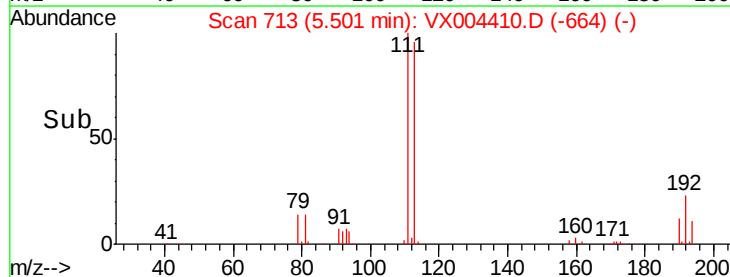
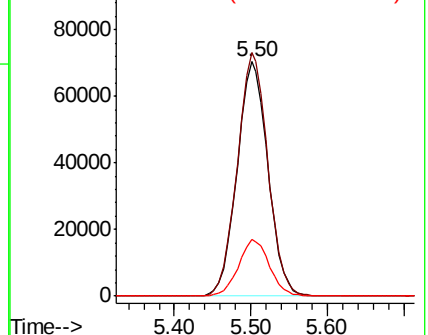
192 24.1 19.4 29.2

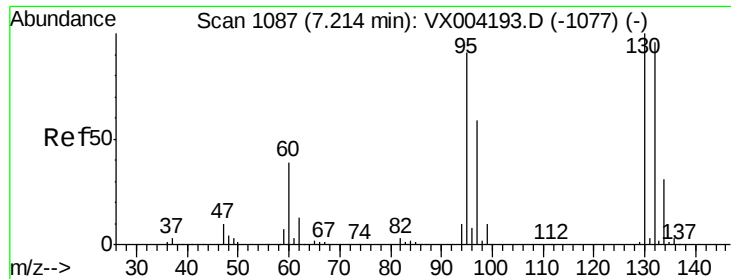


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

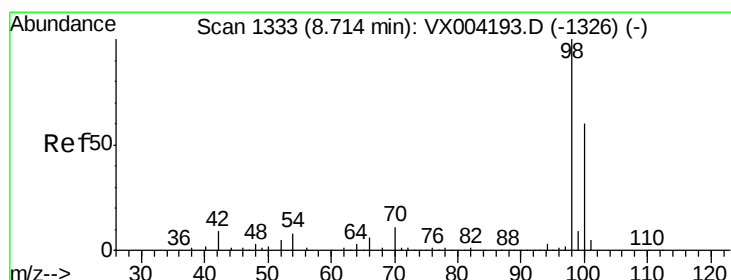
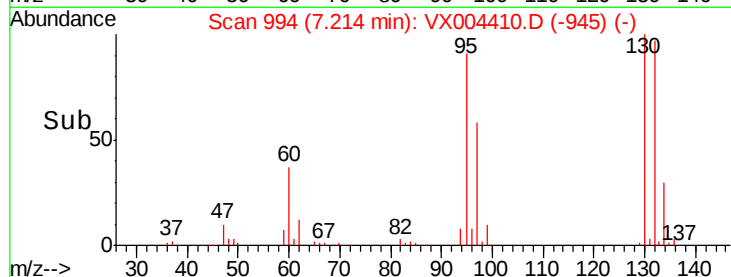
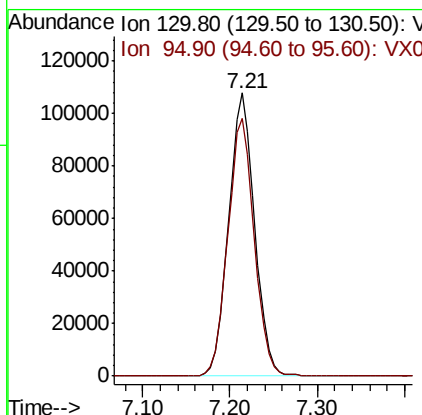
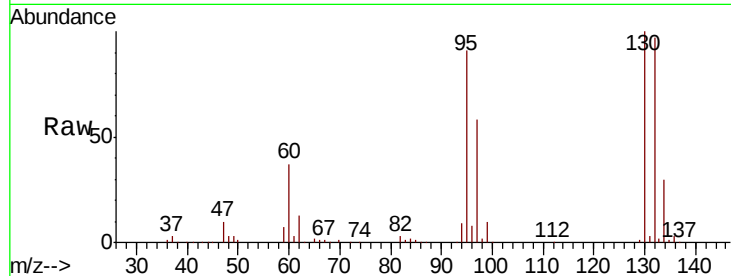




#44
 Trichloroethene
 Concen: 46.49 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX004410.D
 Acq: 07 Sep 2018 16:31

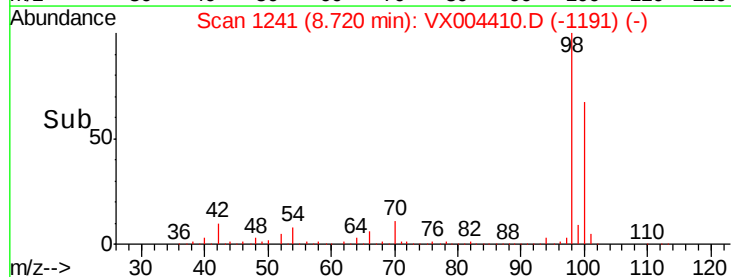
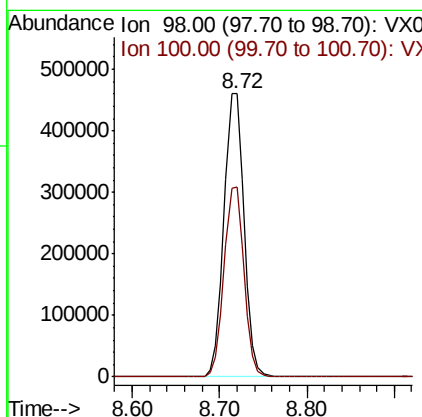
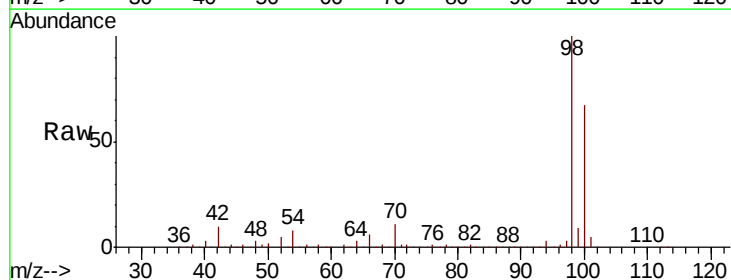
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-12

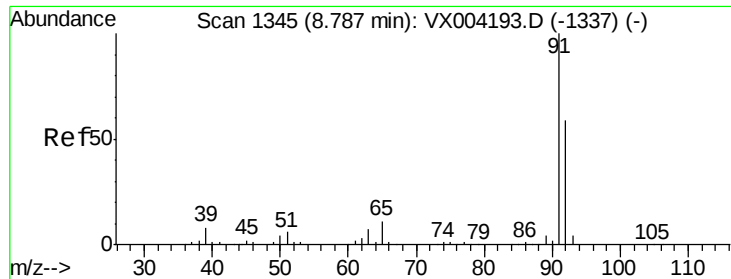
Tot Ion:130 Resp: 222627
 Ion Ratio Lower Upper
 130 100
 95 91.2 0.0 181.6



#50
 Toluene-d8
 Concen: 50.77 ug/l
 RT: 8.72 min Scan# 1241
 Delta R.T. 0.01 min
 Lab File: VX004410.D
 Acq: 07 Sep 2018 16:31

Tgt Ion: 98 Resp: 734309
 Ion Ratio Lower Upper
 98 100
 100 66.6 52.9 79.3





#52

Toluene

Concen: 0.30 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX004410.D

Acq: 07 Sep 2018 16:31

Instrument :

MSVOA_X

ClientSampled :

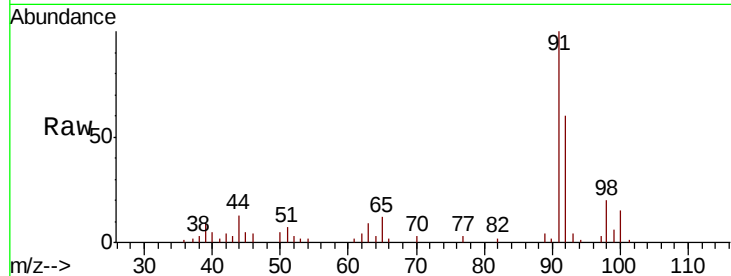
MW-12

Tot Ion: 92 Resp: 3303

Ion Ratio Lower Upper

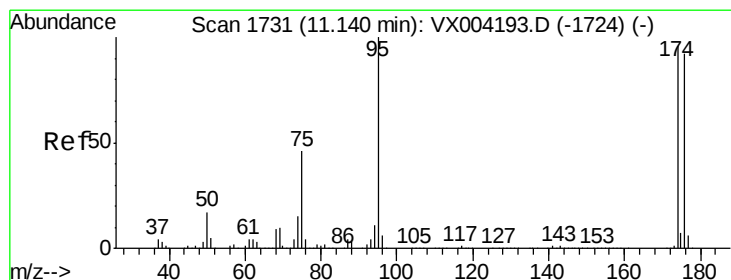
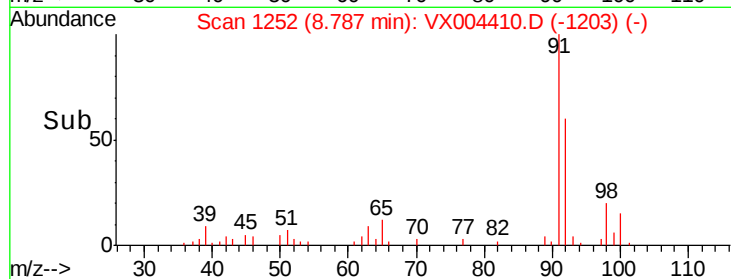
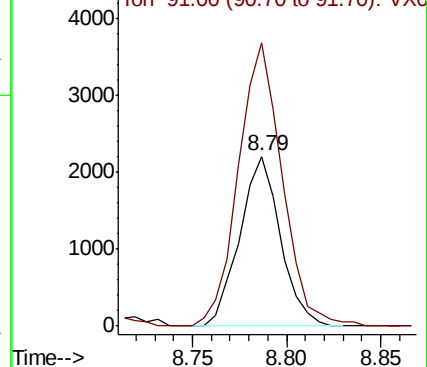
92 100

91 179.7 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#62

4-Bromofluorobenzene

Concen: 48.41 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX004410.D

Acq: 07 Sep 2018 16:31

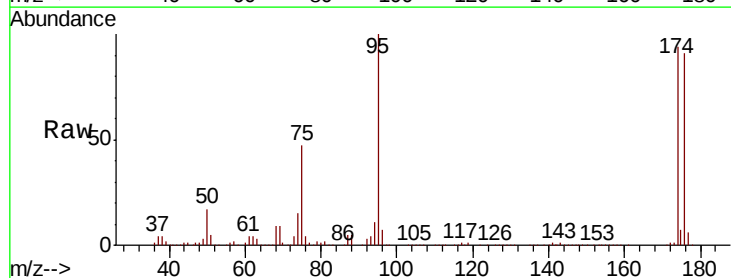
Tgt Ion: 95 Resp: 261250

Ion Ratio Lower Upper

95 100

174 91.5 0.0 185.2

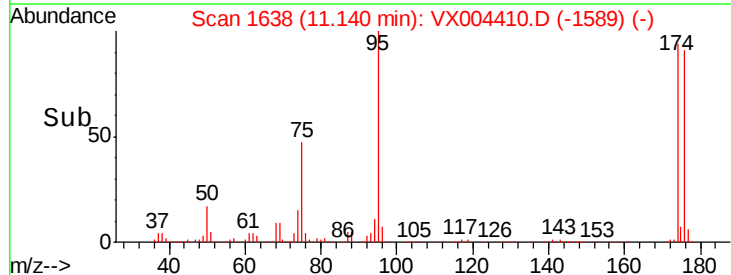
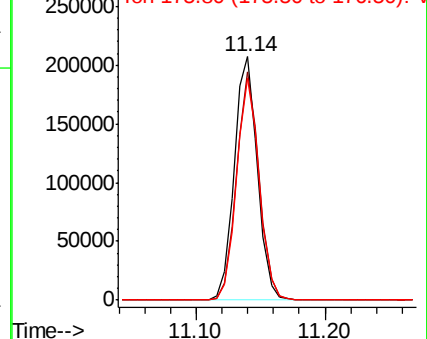
176 89.0 0.0 178.6

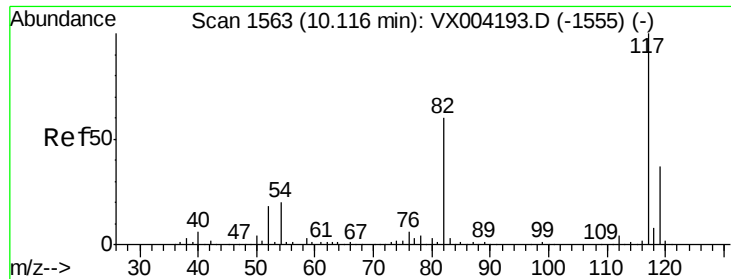


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

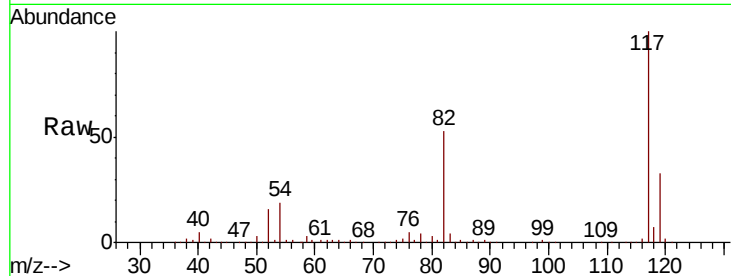




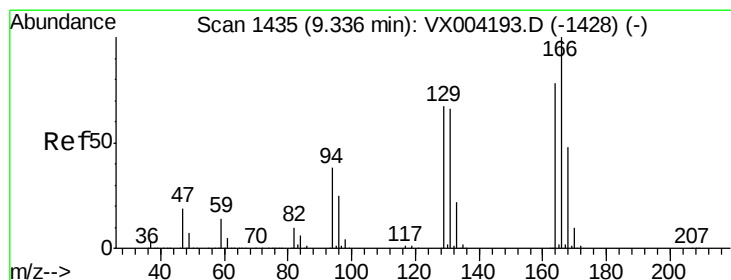
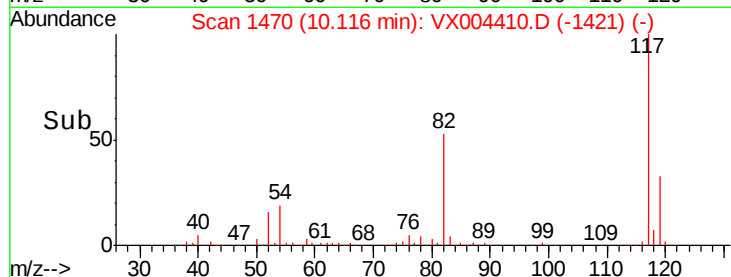
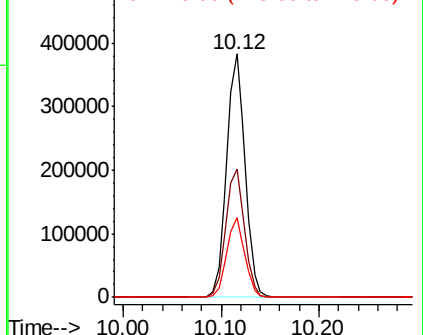
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004410.D
Acq: 07 Sep 2018 16:31

Instrument :
MSVOA_X
ClientSampleId :
MW-12

Tot Ion:117 Resp: 500996
Ion Ratio Lower Upper
117 100
82 53.0 47.8 71.6
119 32.7 29.3 43.9

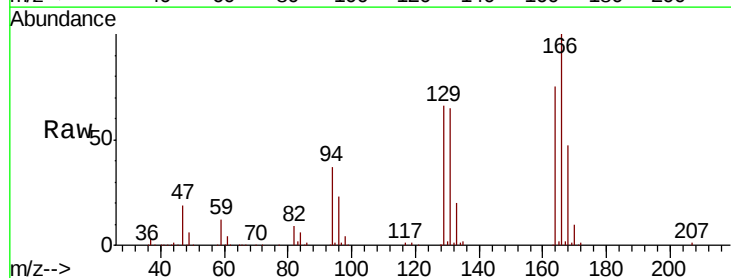


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX
Ion 118.90 (118.60 to 119.60): V

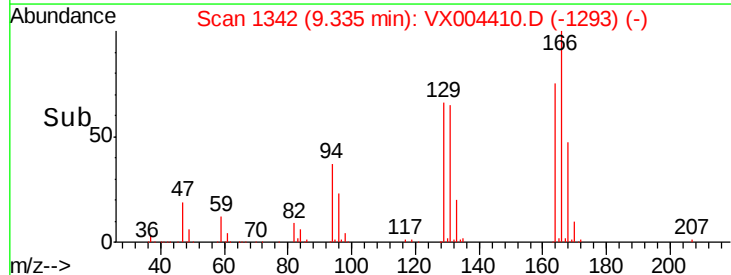
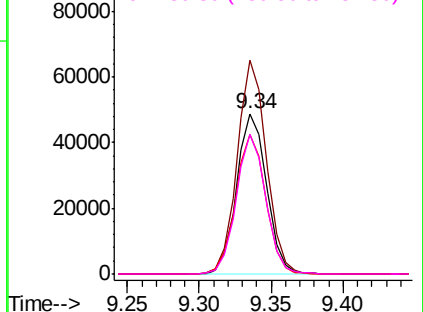


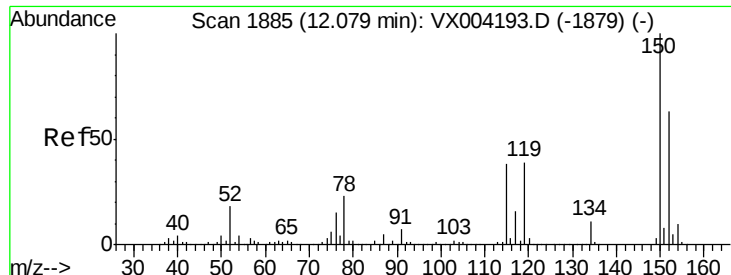
#64
Tetrachloroethene
Concen: 14.29 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX004410.D
Acq: 07 Sep 2018 16:31

Tgt Ion:164 Resp: 70719
Ion Ratio Lower Upper
164 100
166 133.4 102.8 154.2
129 87.5 69.4 104.0
131 87.3 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# 1792

Delta R.T. -0.00 min

Lab File: VX004410.D

Acq: 07 Sep 2018 16:31

Instrument :

MSVOA_X

ClientSampleId :

MW-12

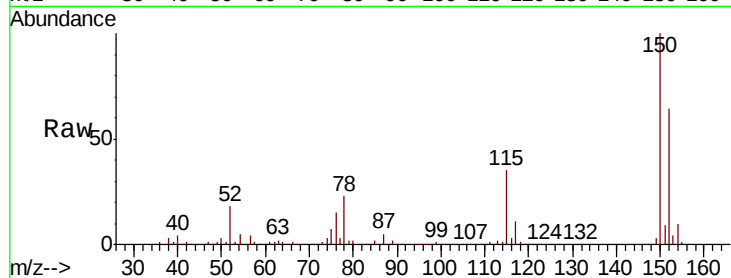
Tot Ion:152 Resp: 276665

Ion Ratio Lower Upper

152 100

115 54.5 39.0 117.0

150 154.2 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

