

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080719\
 Data File : VX011371.D
 Acq On : 07 Aug 2019 18:28
 Operator : JC/SP
 Sample : K4220-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-25S_080619

Quant Time: Aug 08 07:48:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 02 01:55:00 2019
 Response via : Initial Calibration

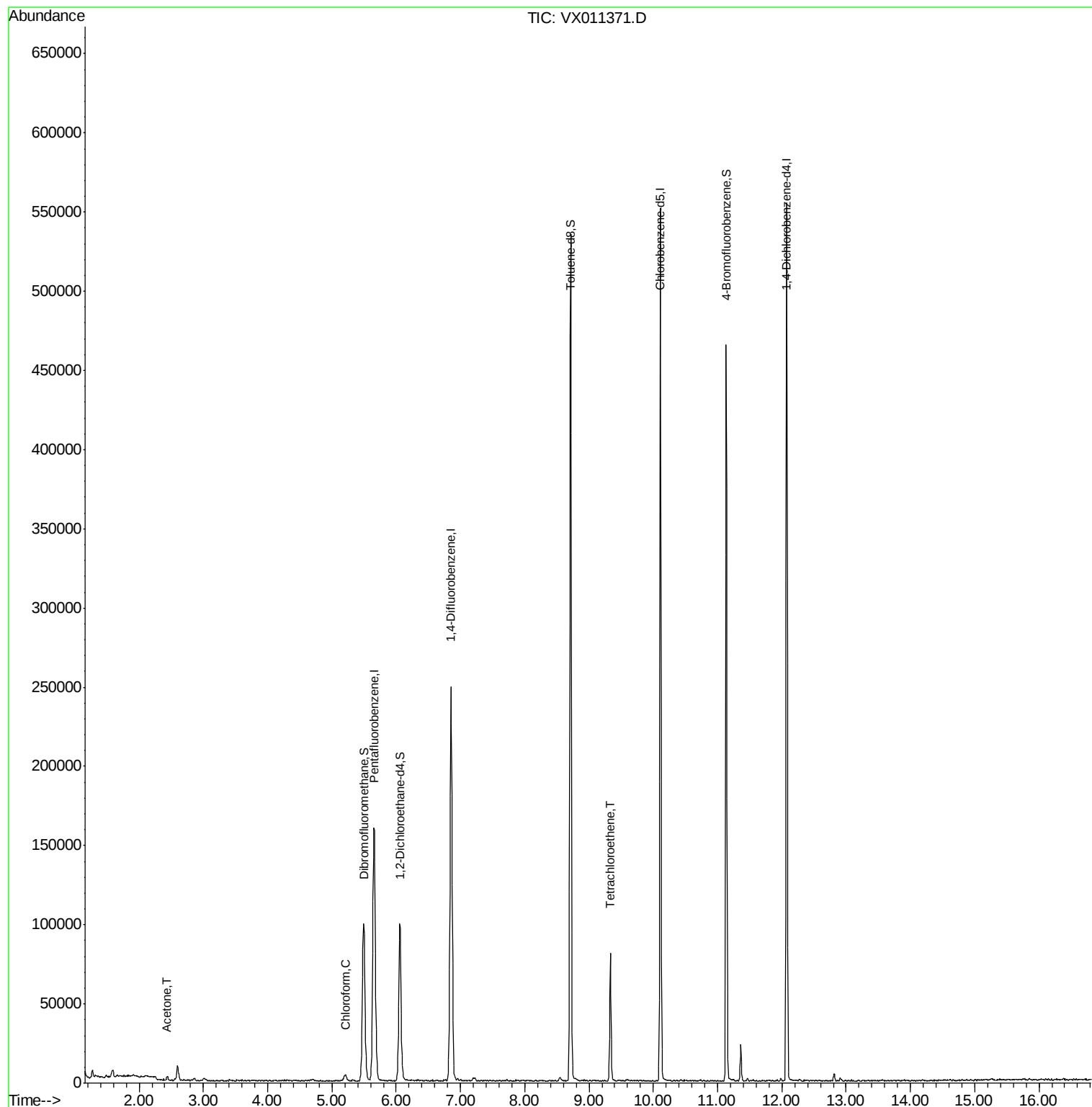
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	157306	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	256714	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	247543	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	115263	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	92325	58.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.56%	
35) Dibromofluoromethane	5.49	113	82753	49.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.74%	
50) Toluene-d8	8.71	98	316426	50.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.04%	
62) 4-Bromofluorobenzene	11.13	95	113532	50.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.52%	
Target Compounds						
16) Acetone	2.43	43	2887	3.829	ug/l	96
30) Chloroform	5.21	83	4151	1.545	ug/l	99
64) Tetrachloroethene	9.34	164	12488	5.940	ug/l	95

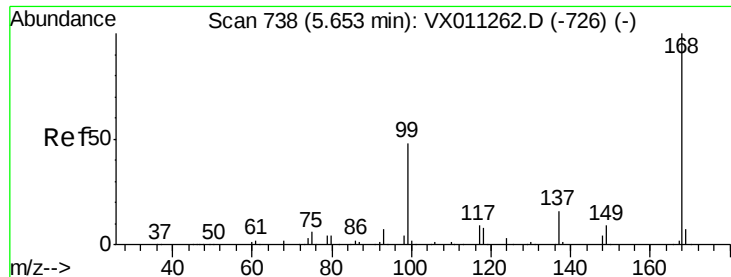
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.01 min

Lab File: VX011371.D

Acq: 07 Aug 2019 18:28

Instrument :

MSVOA_X

ClientSampleId :

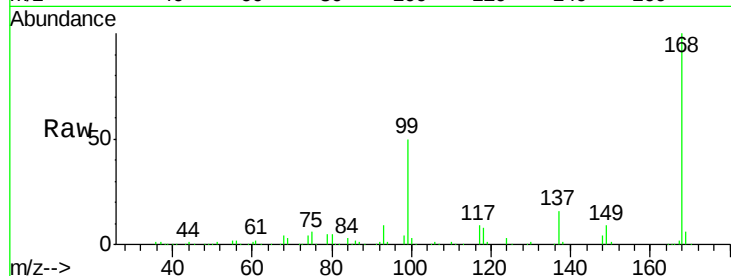
MW-25S_080619

Tot Ion:168 Resp: 157306

Ion Ratio Lower Upper

168 100

99 49.9 38.5 57.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

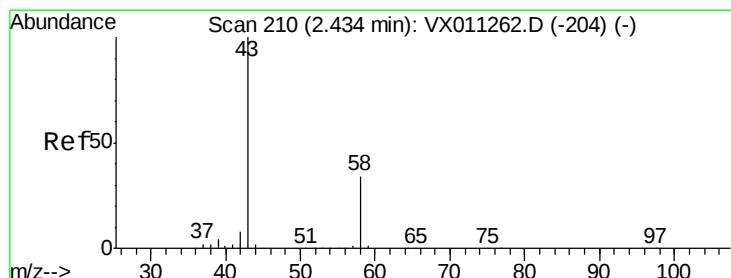
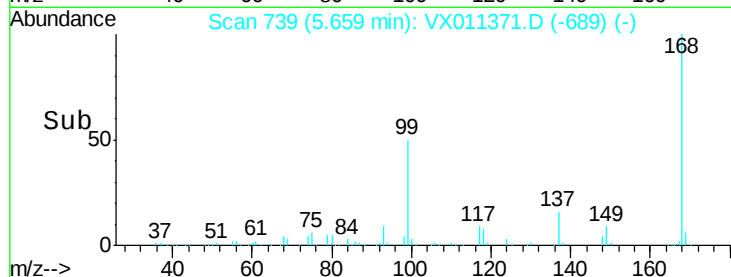
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 3.829 ug/l

RT: 2.43 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX011371.D

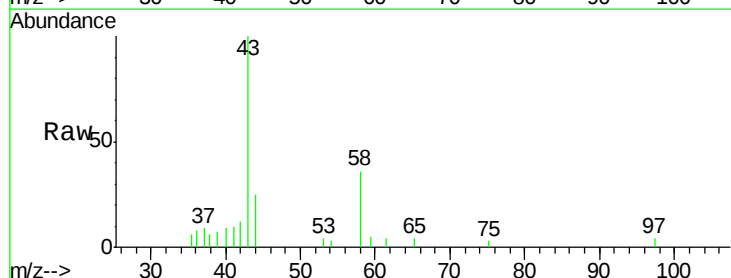
Acq: 07 Aug 2019 18:28

Tgt Ion: 43 Resp: 2887

Ion Ratio Lower Upper

43 100

58 36.3 27.4 41.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.43

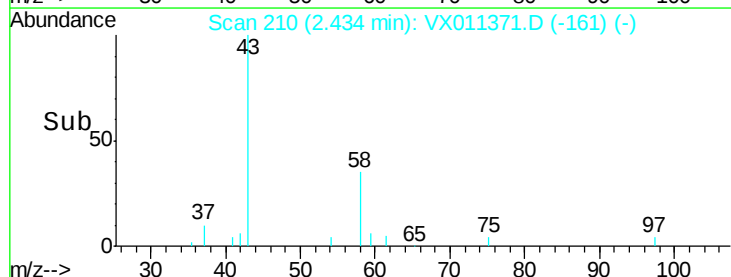
1500

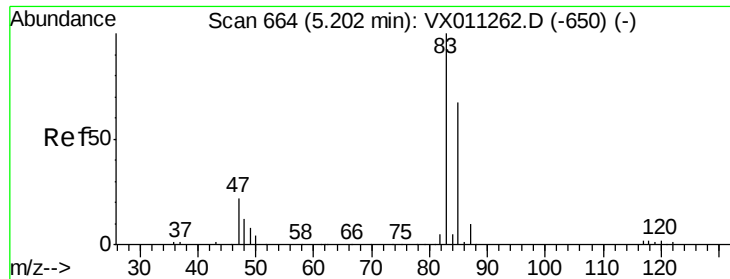
1000

500

0

Time--> 2.40 2.45 2.50

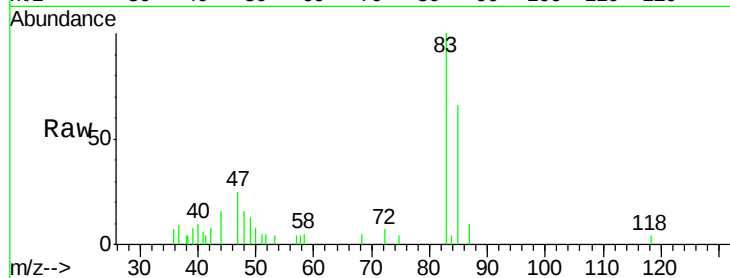




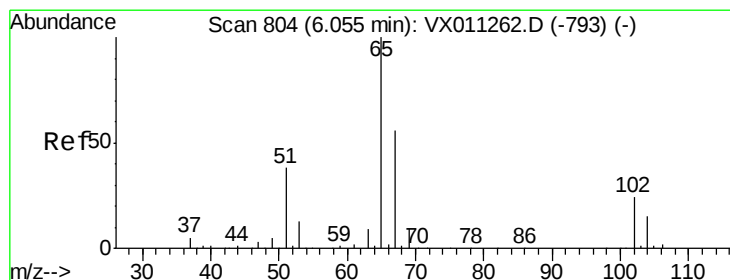
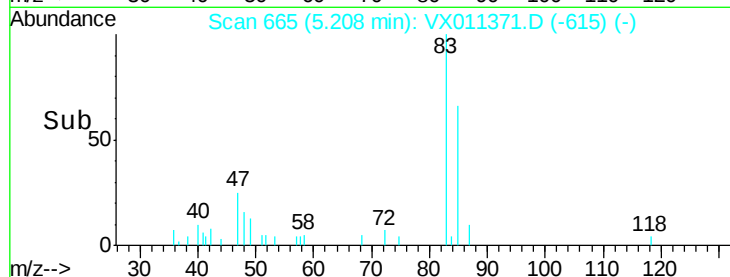
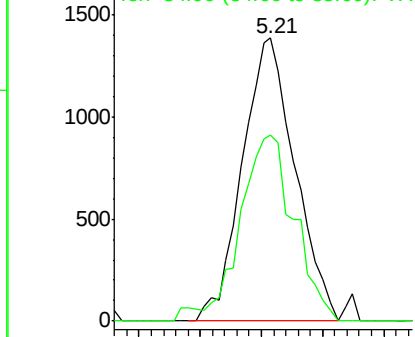
#30
Chloroform
Concen: 1.545 ug/l
RT: 5.21 min Scan# 665
Delta R.T. 0.01 min
Lab File: VX011371.D
Acq: 07 Aug 2019 18:28

Instrument :
MSVOA_X
ClientSampleId :
MW-25S_080619

Tot Ion: 83 Resp: 4151
Ion Ratio Lower Upper
83 100
85 65.9 53.4 80.0

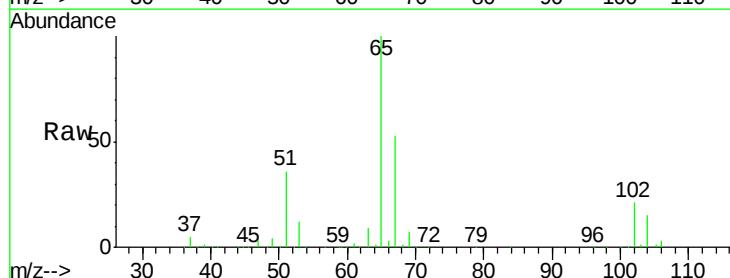


Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0

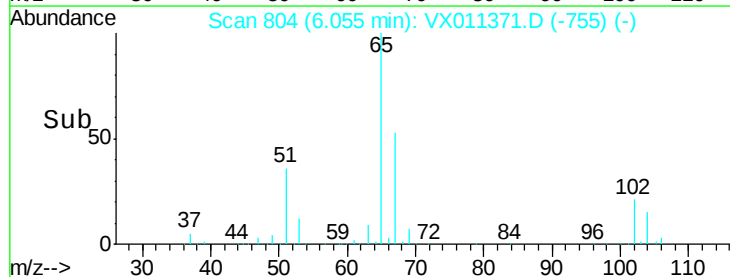
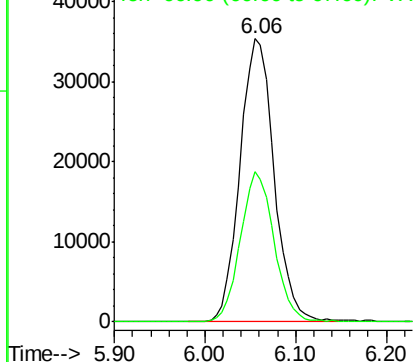


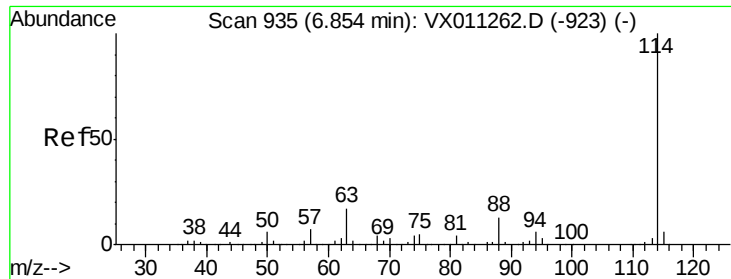
#33
1,2-Dichloroethane-d4
Concen: 58.280 ug/l
RT: 6.06 min Scan# 804
Delta R.T. -0.00 min
Lab File: VX011371.D
Acq: 07 Aug 2019 18:28

Tgt Ion: 65 Resp: 92325
Ion Ratio Lower Upper
65 100
67 52.4 0.0 110.6



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

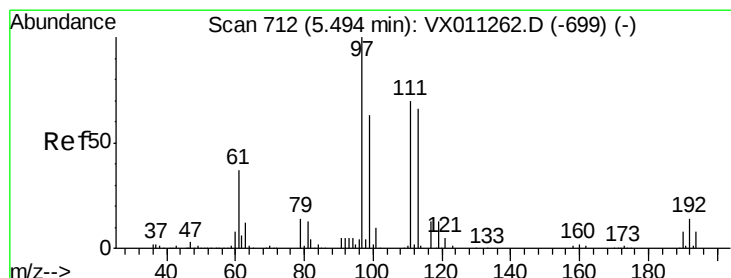
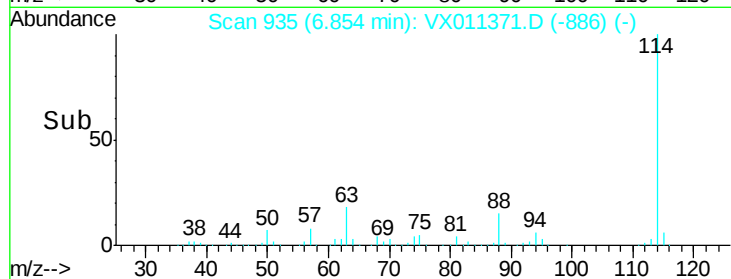
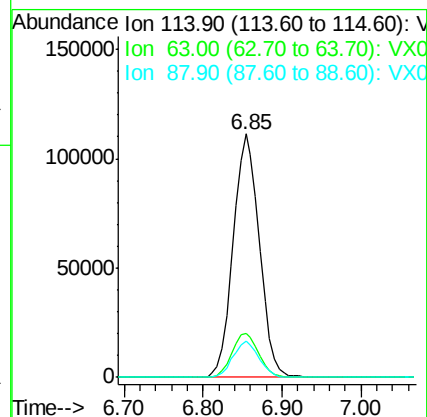
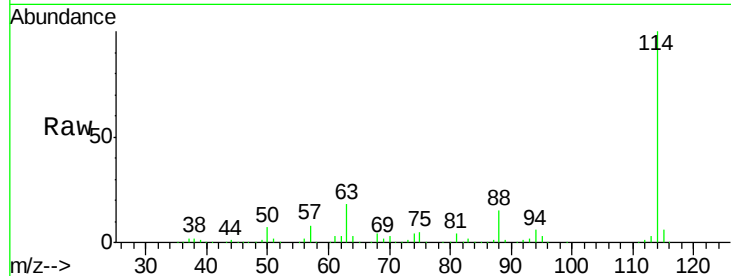




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.00 min
 Lab File: VX011371.D
 Acq: 07 Aug 2019 18:28

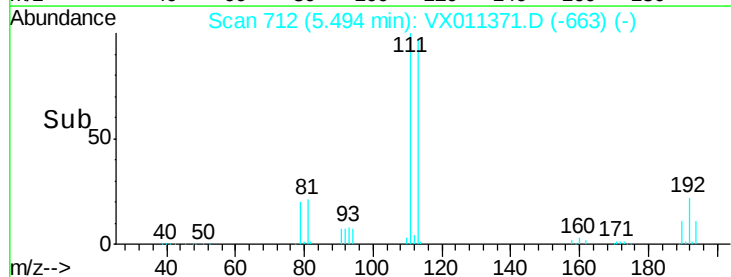
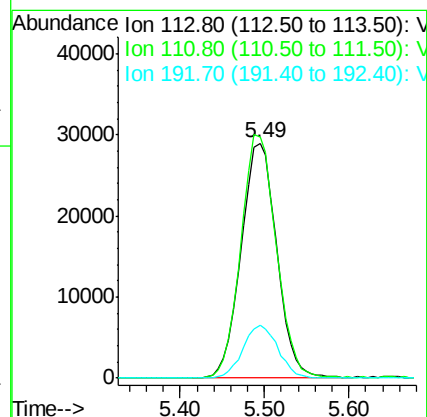
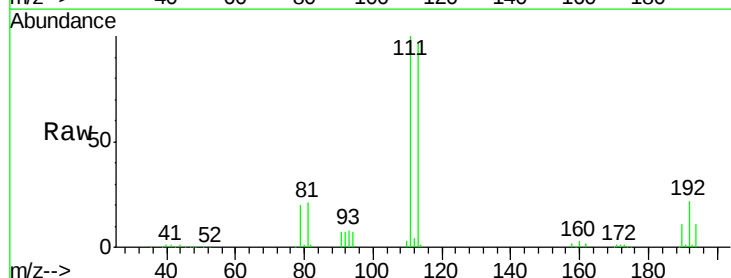
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-25S_080619

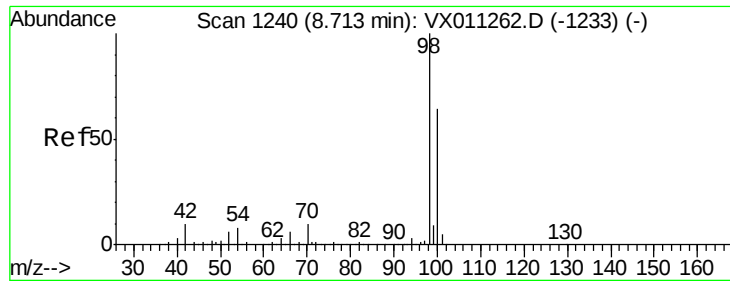
Tot Ion	Ratio	Lower	Upper
114	100		
63	18.2	0.0	34.0
88	15.0	0.0	26.4



#35
 Dibromofluoromethane
 Concen: 49.374 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.00 min
 Lab File: VX011371.D
 Acq: 07 Aug 2019 18:28

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.2	81.9	122.9
192	22.3	17.8	26.8





#50

Toluene-d8

Concen: 50.016 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX011371.D

Acq: 07 Aug 2019 18:28

Instrument :

MSVOA_X

ClientSampleId :

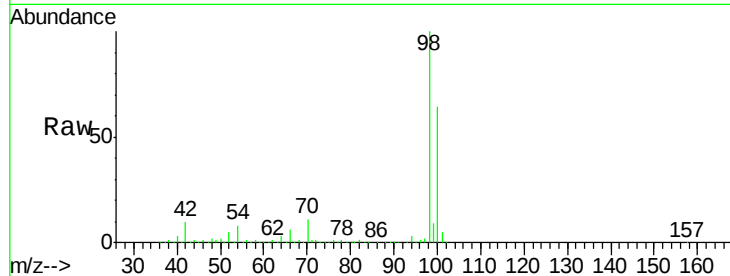
MW-25S_080619

Tot Ion: 98 Resp: 316426

Ion Ratio Lower Upper

98 100

100 63.6 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

250000

200000

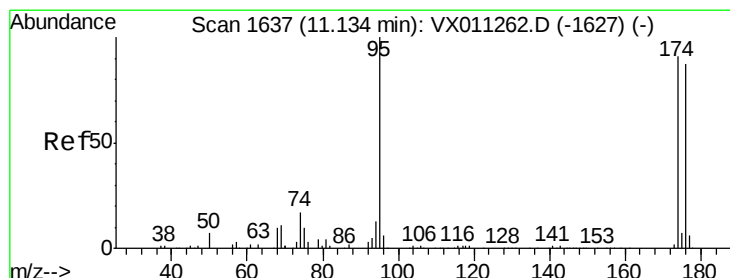
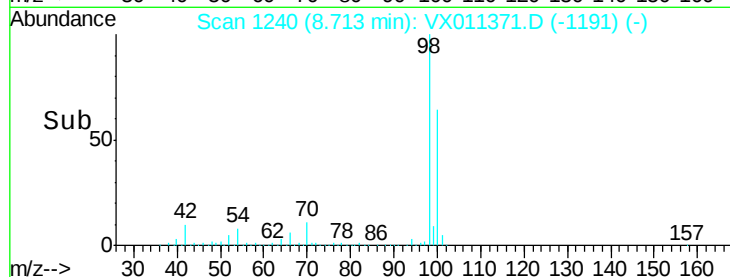
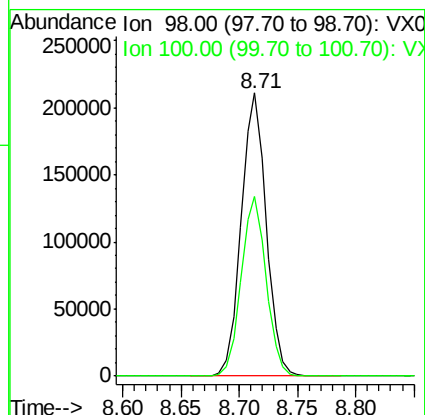
150000

100000

50000

0

8.60 8.65 8.70 8.75 8.80



#62

4-Bromofluorobenzene

Concen: 50.263 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX011371.D

Acq: 07 Aug 2019 18:28

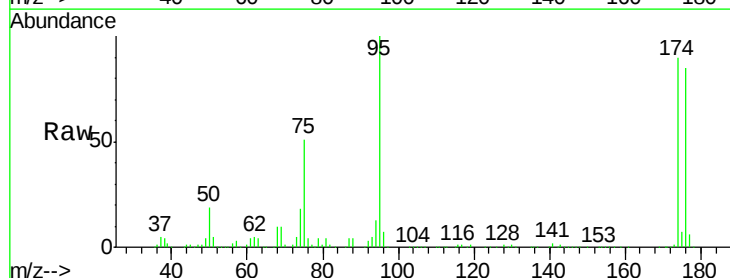
Tgt Ion: 95 Resp: 113532

Ion Ratio Lower Upper

95 100

174 89.6 0.0 191.2

176 87.0 0.0 184.8



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

120000

100000

80000

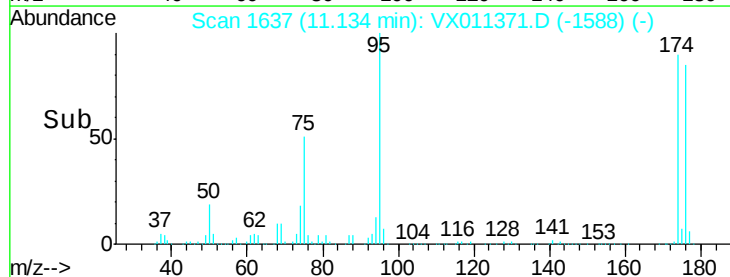
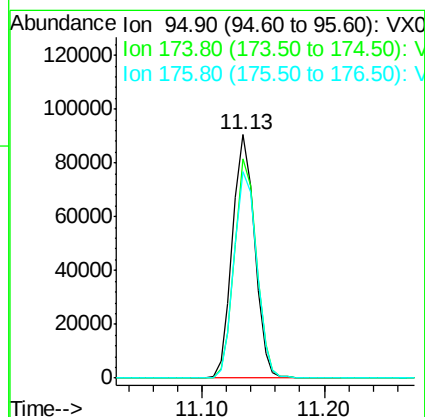
60000

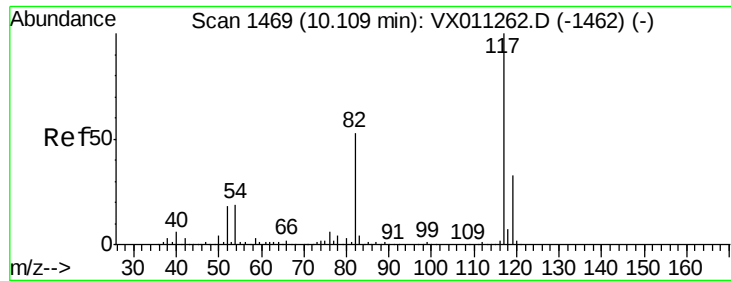
40000

20000

0

11.10 11.13 11.16 11.19 11.22

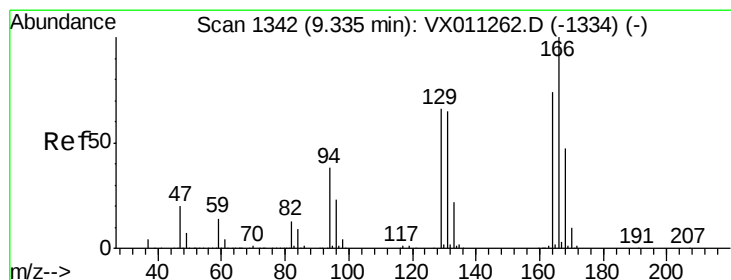
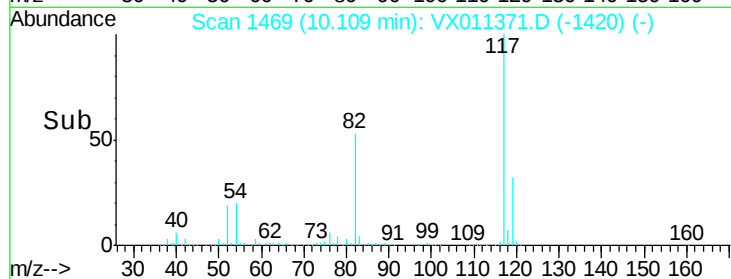
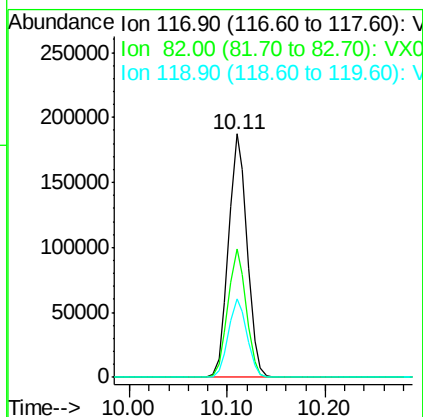
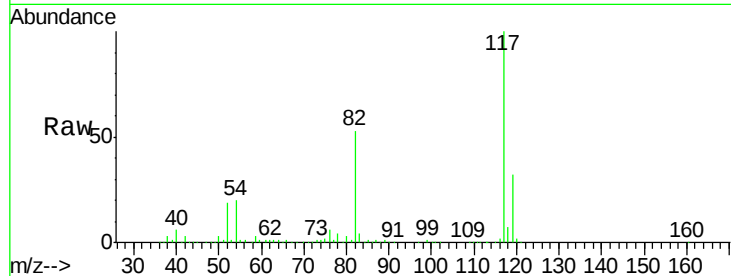




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011371.D
Acq: 07 Aug 2019 18:28

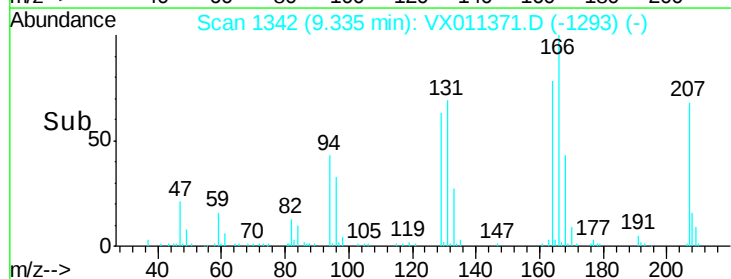
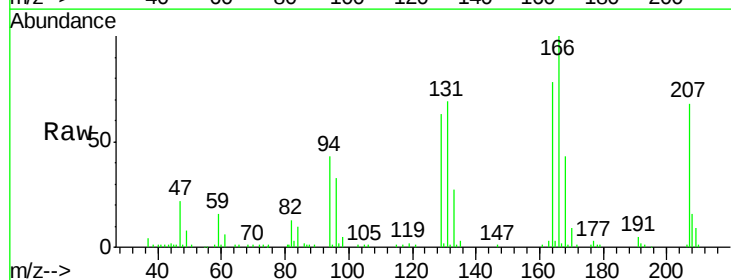
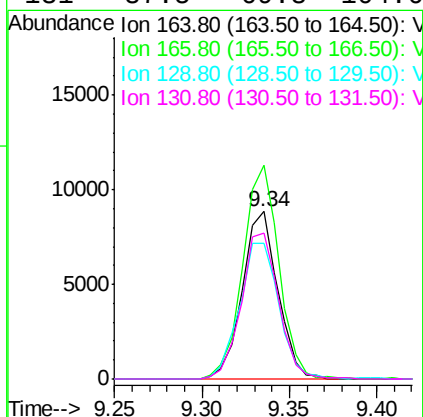
Instrument :
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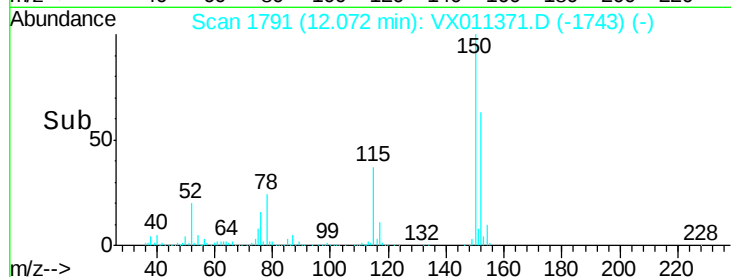
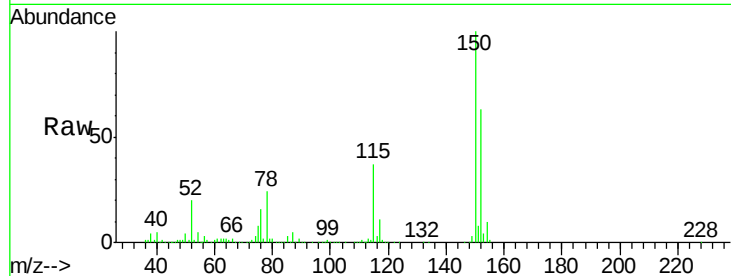
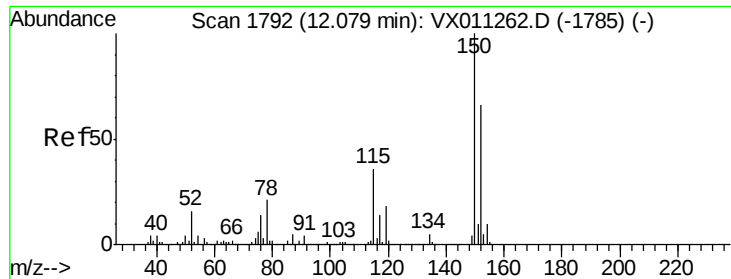
Tot Ion:117 Resp: 247543
Ion Ratio Lower Upper
117 100
82 52.7 42.2 63.2
119 32.2 26.6 39.8



#64
Tetrachloroethene
Concen: 5.940 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX011371.D
Acq: 07 Aug 2019 18:28

Tgt Ion:164 Resp: 12488
Ion Ratio Lower Upper
164 100
166 127.7 107.5 161.3
129 81.1 71.0 106.4
131 87.5 69.8 104.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1791

Delta R.T. -0.01 min

Lab File: VX011371.D

Acq: 07 Aug 2019 18:28

Instrument :

MSVOA_X

ClientSampleId :

MW-25S_080619

Tot Ion:152 Resp: 115263

Ion Ratio Lower Upper

152 100

115 56.3 40.0 119.9

150 155.1 0.0 350.4

