

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081418\
 Data File : VX004058.D
 Acq On : 15 Aug 2018 05:14
 Operator : JC/MD
 Sample : J4439-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-300-SRI3

Quant Time: Aug 15 15:55:46 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 13:27:25 2018
 Response via : Initial Calibration

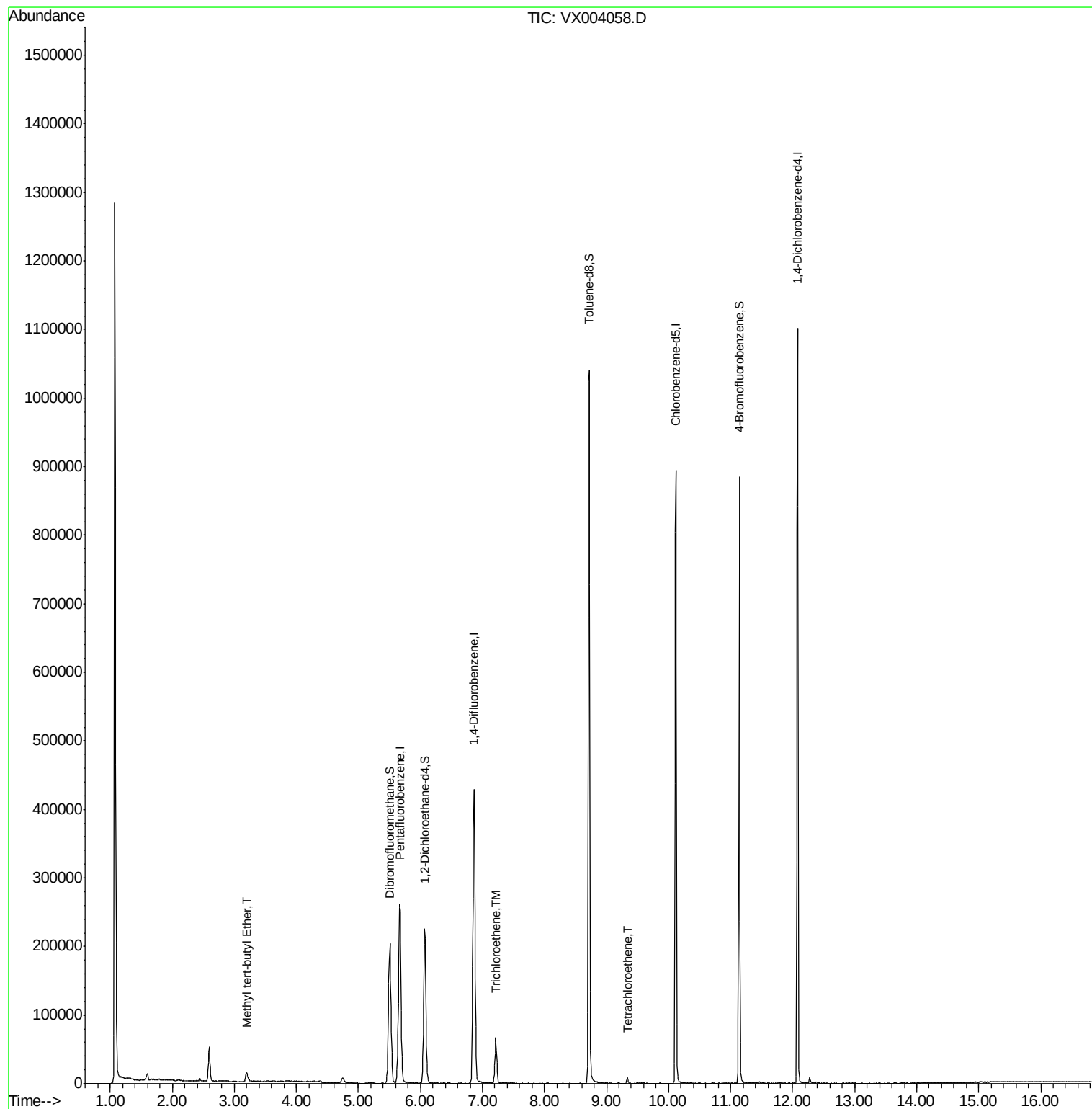
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	268876	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	440082	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	422289	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	229959	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	205927	54.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.72%	
35) Dibromofluoromethane	5.51	113	175487	53.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.56%	
50) Toluene-d8	8.72	98	633832	47.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.92%	
62) 4-Bromofluorobenzene	11.14	95	216599	44.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.44%	
Target Compounds						
19) Methyl tert-butyl Ether	3.20	73	14468	1.45	ug/l	Qvalue 100
44) Trichloroethene	7.21	130	26880	6.58	ug/l	89
64) Tetrachloroethene	9.34	164	1751	0.44	ug/l #	92

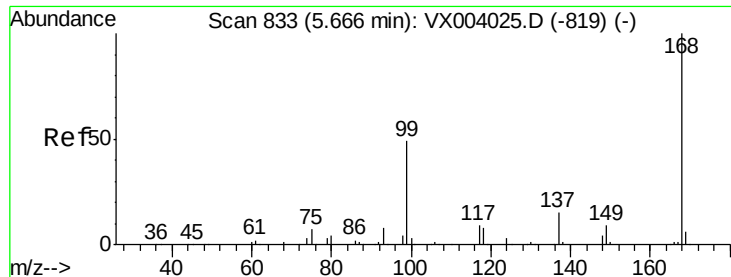
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.01 min

Lab File: VX004058.D

Acq: 15 Aug 2018 05:14

Instrument :

MSVOA_X

ClientSampleId :

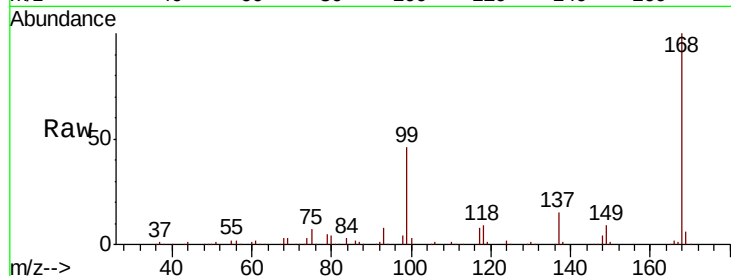
MW-300-SRI3

Tot Ion:168 Resp: 268876

Ion Ratio Lower Upper

168 100

99 45.6 40.1 60.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

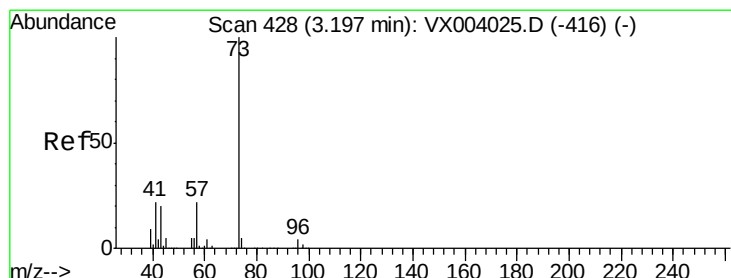
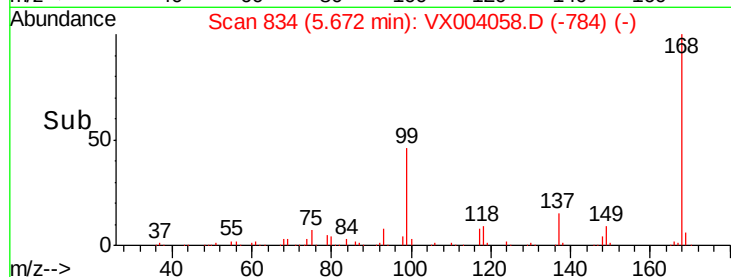
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#19

Methyl tert-butyl Ether

Concen: 1.45 ug/l

RT: 3.20 min Scan# 428

Delta R.T. -0.00 min

Lab File: VX004058.D

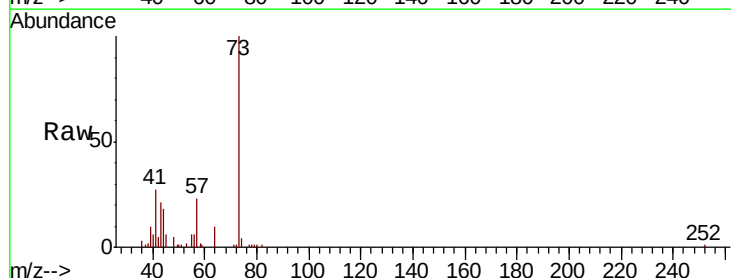
Acq: 15 Aug 2018 05:14

Tgt Ion: 73 Resp: 14468

Ion Ratio Lower Upper

73 100

57 22.7 18.0 27.0



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.20

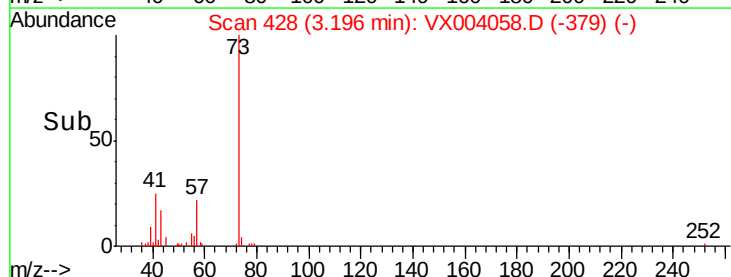
6000

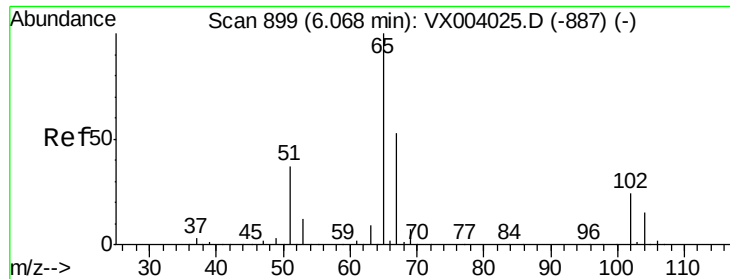
4000

2000

0

Time--> 3.10 3.15 3.20 3.25 3.30

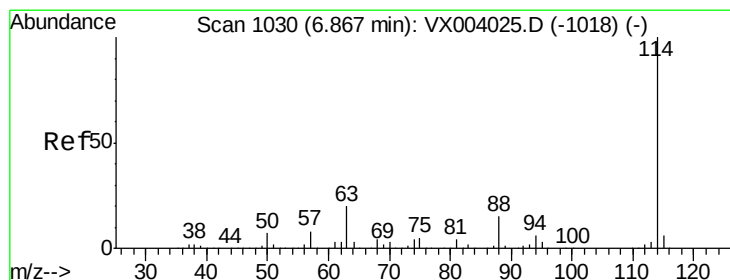
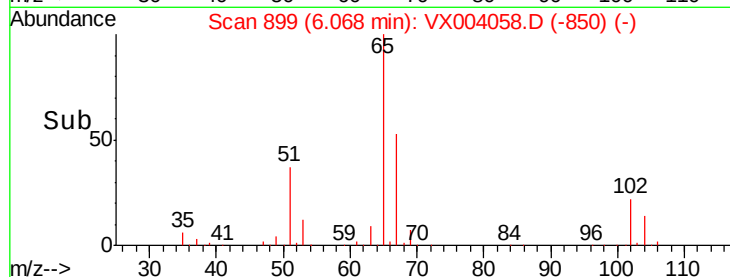
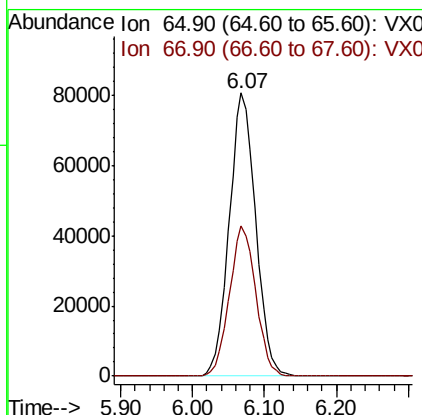
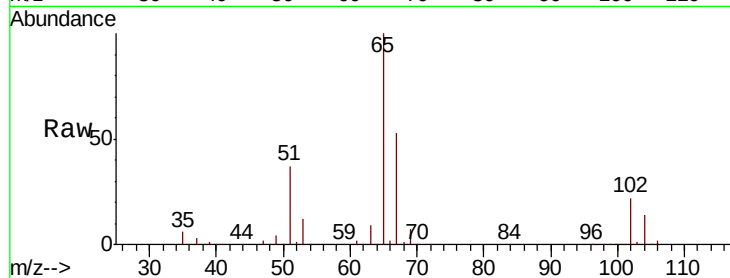




#33
 1,2-Dichloroethane-d4
 Concen: 54.36 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.00 min
 Lab File: VX004058.D
 Acq: 15 Aug 2018 05:14

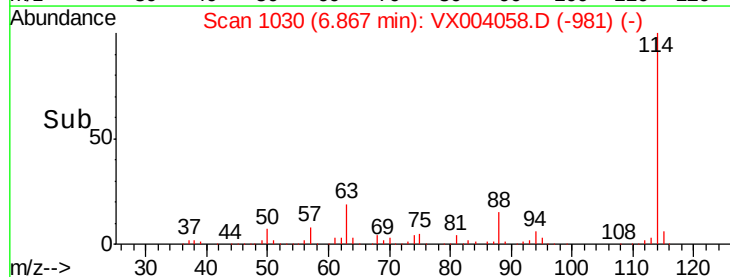
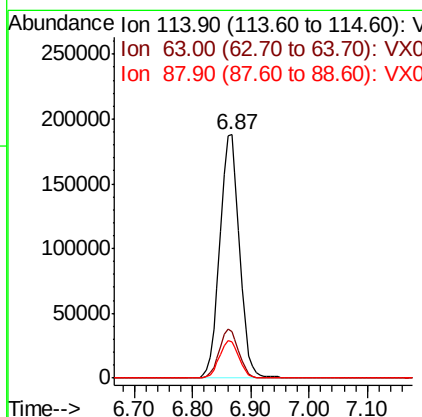
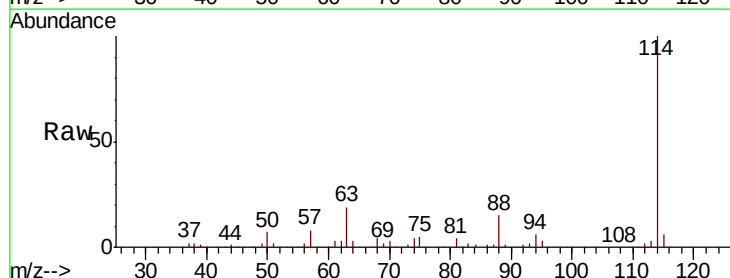
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-300-SRI3

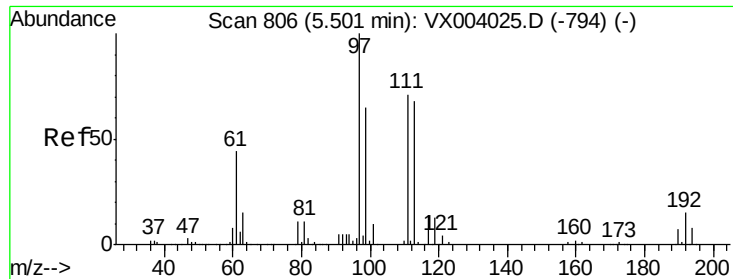
Tot Ion: 65 Resp: 205927
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX004058.D
 Acq: 15 Aug 2018 05:14

Tgt Ion: 114 Resp: 440082
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 39.0
 88 14.8 0.0 32.0

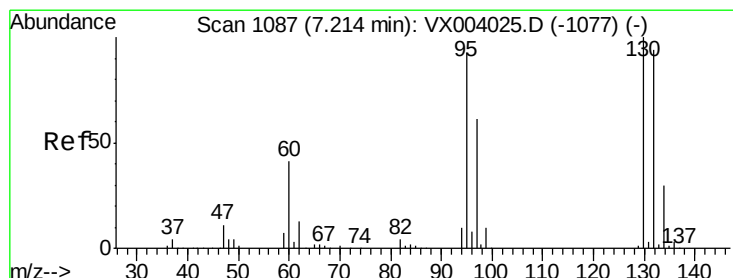
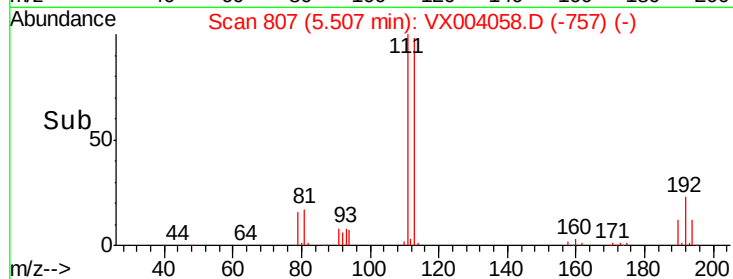
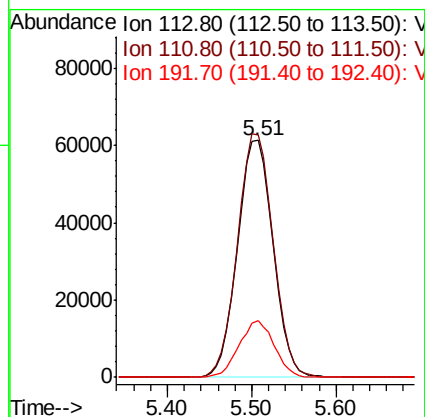
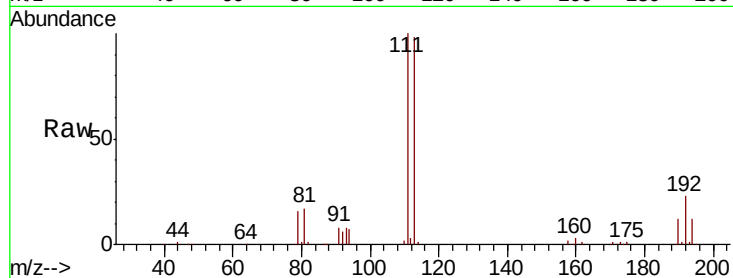




#35
 Dibromofluoromethane
 Concen: 53.28 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.01 min
 Lab File: VX004058.D
 Acq: 15 Aug 2018 05:14

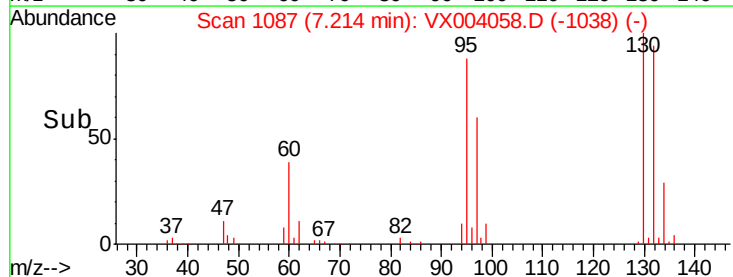
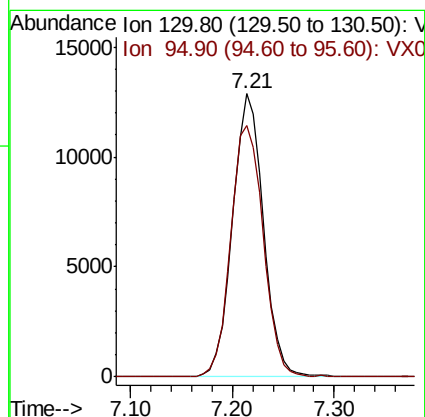
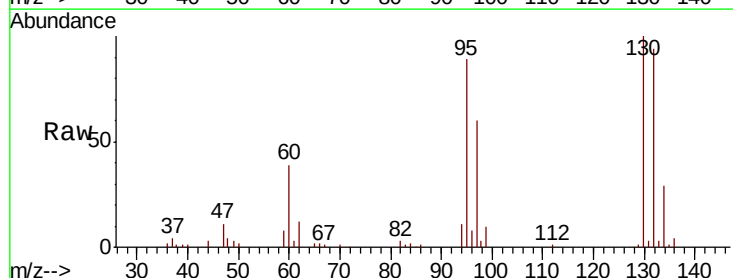
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-300-SRI3

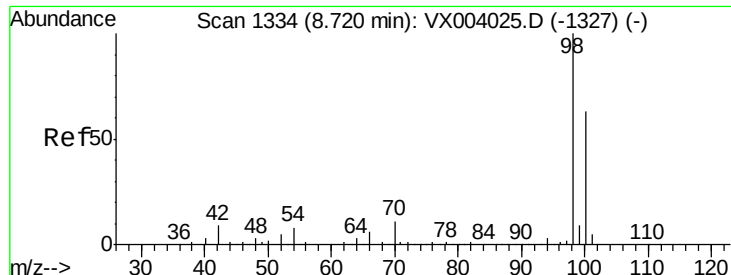
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.0	123.0
192	23.5	19.0	28.4



#44
 Trichloroethene
 Concen: 6.58 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: VX004058.D
 Acq: 15 Aug 2018 05:14

Tgt Ion	Ratio	Lower	Upper
130	100		
95	88.9	0.0	199.4

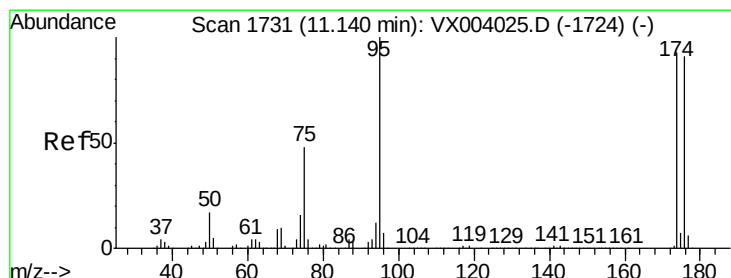
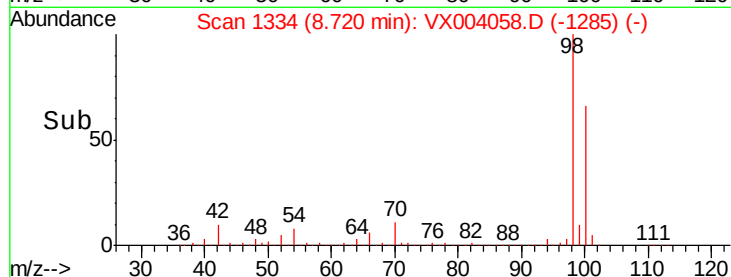
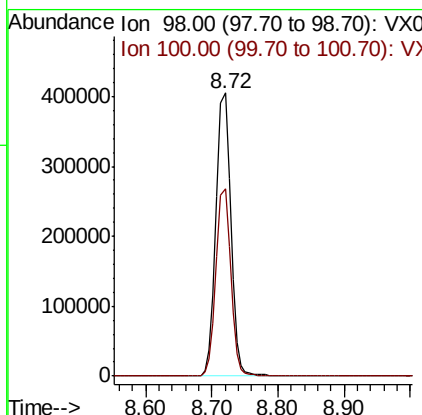
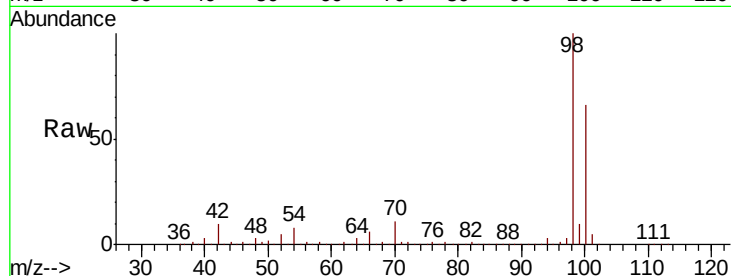




#50
Toluene-d8
Concen: 47.46 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX004058.D
Acq: 15 Aug 2018 05:14

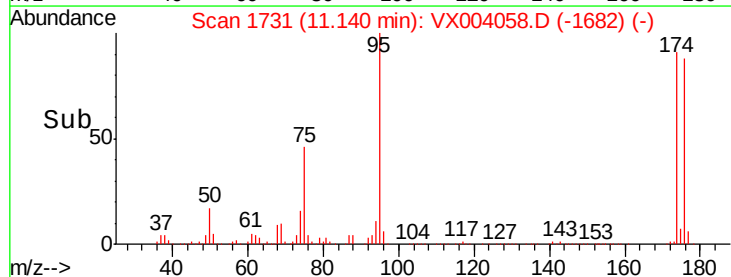
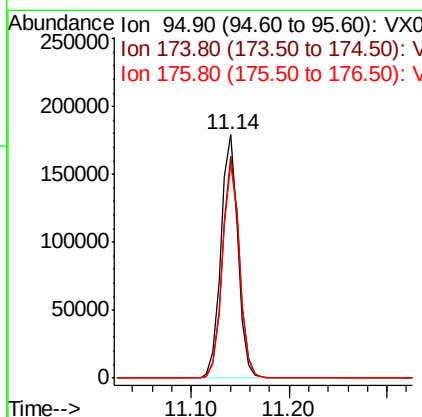
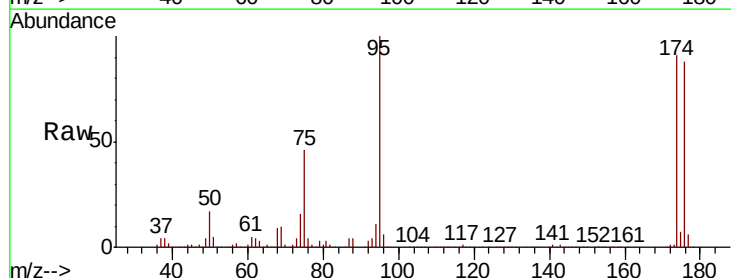
Instrument :
MSVOA_X
ClientSampleId :
MW-300-SRI3

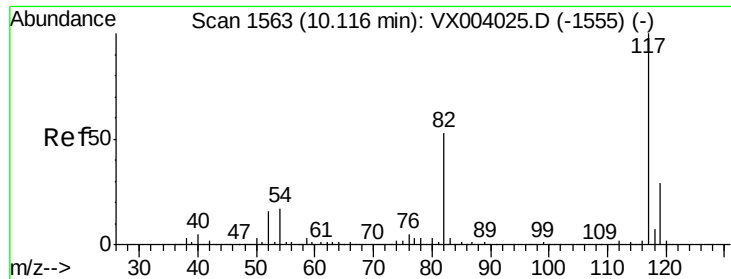
Tot Ion: 98 Resp: 633832
Ion Ratio Lower Upper
98 100
100 65.7 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 44.72 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX004058.D
Acq: 15 Aug 2018 05:14

Tgt Ion: 95 Resp: 216599
Ion Ratio Lower Upper
95 100
174 91.4 0.0 182.8
176 88.2 0.0 179.0

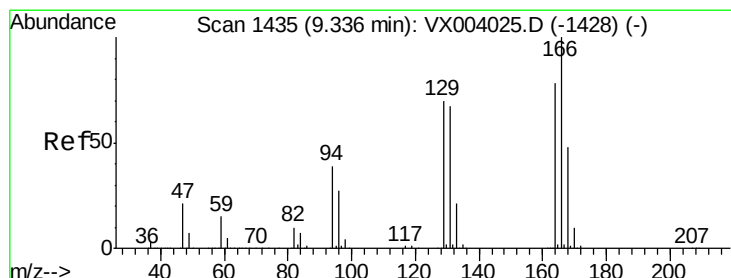
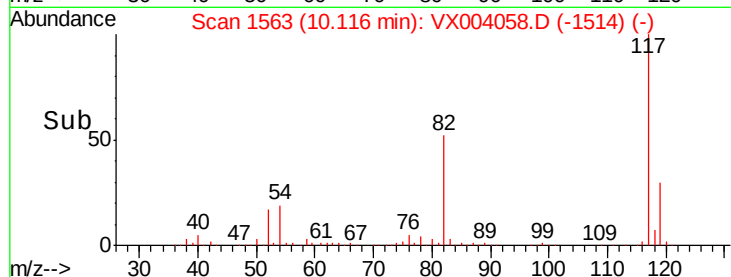
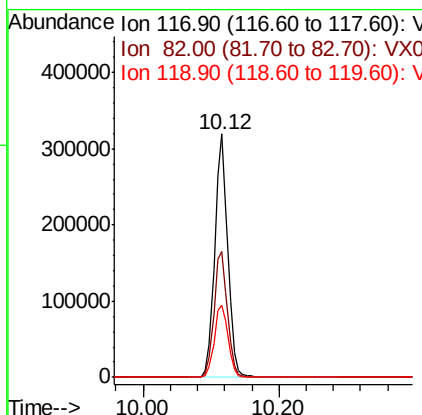
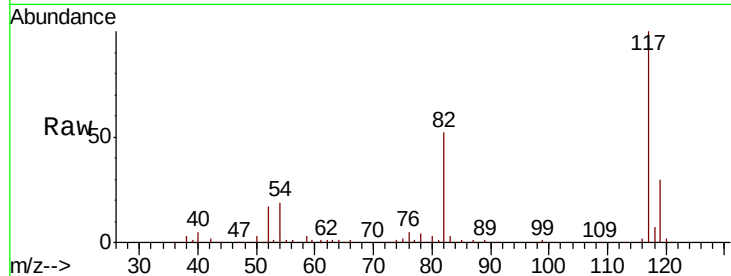




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX004058.D
Acq: 15 Aug 2018 05:14

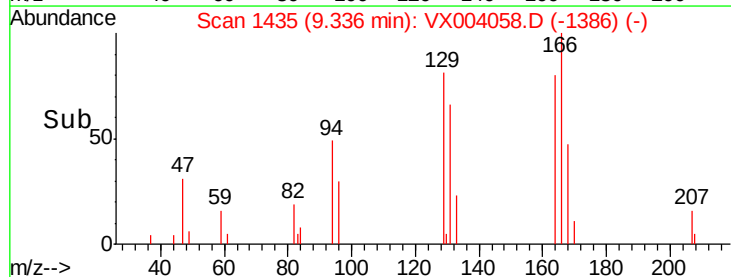
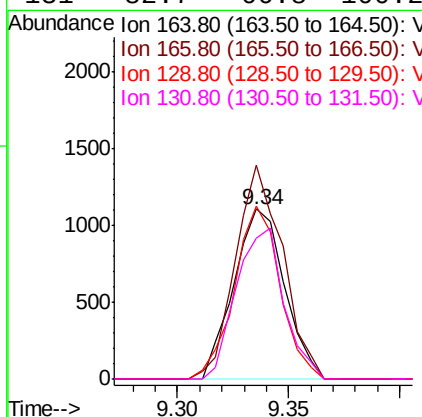
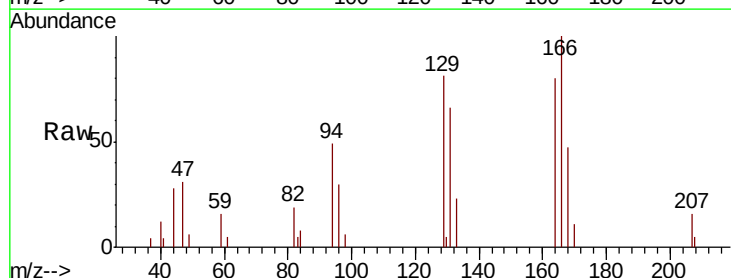
Instrument :
MSVOA_X
ClientSampleId :
MW-300-SRI3

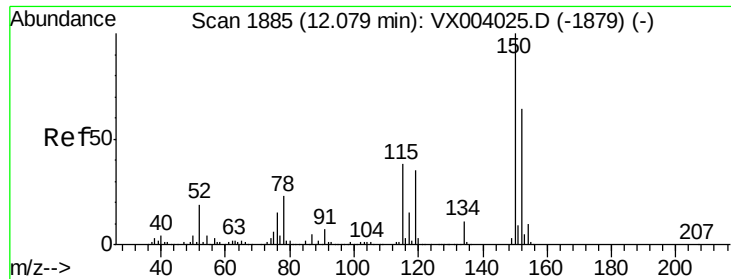
Tot Ion:117 Resp: 422289
Ion Ratio Lower Upper
117 100
82 51.9 45.4 68.0
119 29.6 26.6 40.0



#64
Tetrachloroethene
Concen: 0.44 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.00 min
Lab File: VX004058.D
Acq: 15 Aug 2018 05:14

Tgt Ion:164 Resp: 1751
Ion Ratio Lower Upper
164 100
166 125.5 98.0 147.0
129 101.9 64.3 96.5#
131 82.7 66.8 100.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX004058.D

Acq: 15 Aug 2018 05:14

Instrument :

MSVOA_X

ClientSampleId :

MW-300-SRI3

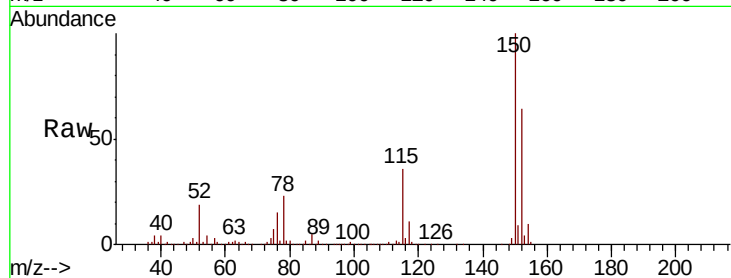
Tot Ion:152 Resp: 229959

Ion Ratio Lower Upper

152 100

115 55.3 39.1 117.3

150 156.2 0.0 349.2



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

