

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081418\
 Data File : VX004050.D
 Acq On : 15 Aug 2018 01:41
 Operator : JC/MD
 Sample : J4438-09
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-288-SRI3

Quant Time: Aug 15 15:50:31 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	260076	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	411991	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	387769	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	210917	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	190838	52.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.16%	
35) Dibromofluoromethane	5.51	113	162230	52.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.22%	
50) Toluene-d8	8.72	98	599875	47.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.96%	
62) 4-Bromofluorobenzene	11.14	95	201629	44.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.94%	

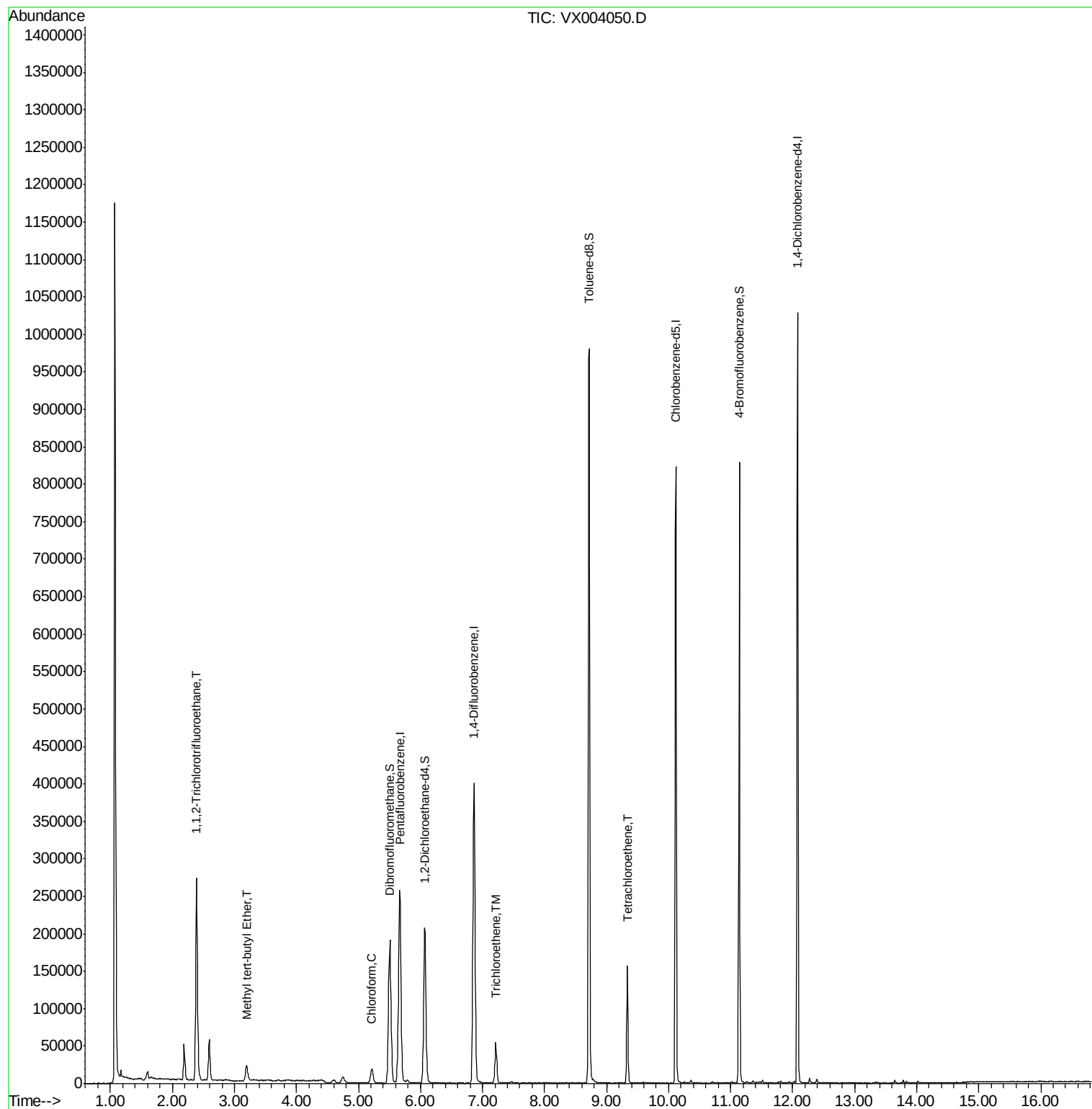
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) 1,1,2-Trichlorotrifluoroet	2.39	101	108282	36.81	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	23176	2.40	ug/l	99
30) Chloroform	5.22	83	22850	4.05	ug/l	97
44) Trichloroethene	7.21	130	21340	5.58	ug/l	89
64) Tetrachloroethene	9.34	164	31717	8.63	ug/l	94

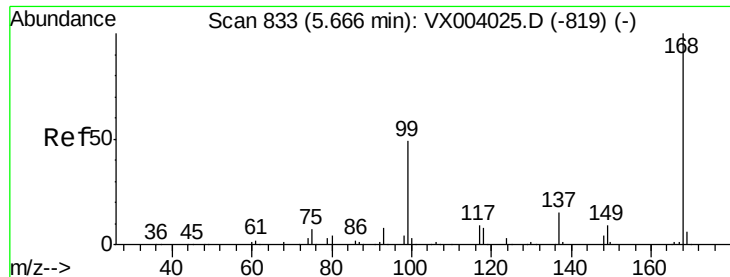
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX004050.D

Acq: 15 Aug 2018 01:41

Instrument :

MSVOA_X

ClientSampleId :

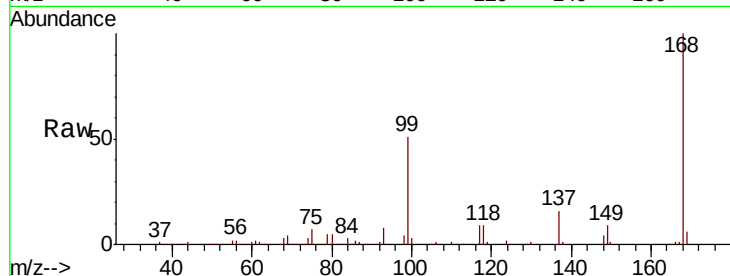
MW-288-SRI3

Tot Ion:168 Resp: 260076

Ion Ratio Lower Upper

168 100

99 50.6 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

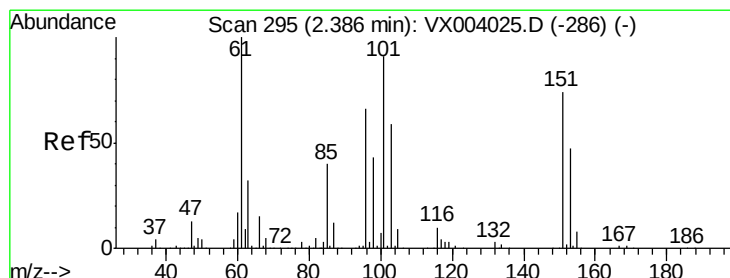
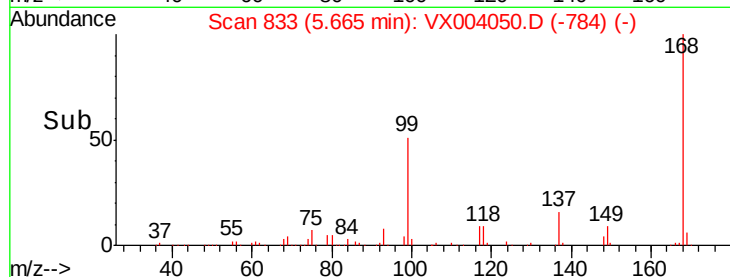
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#9

1,1,2-Trichlorotrifluoroethane

Concen: 36.81 ug/l

RT: 2.39 min Scan# 296

Delta R.T. 0.01 min

Lab File: VX004050.D

Acq: 15 Aug 2018 01:41

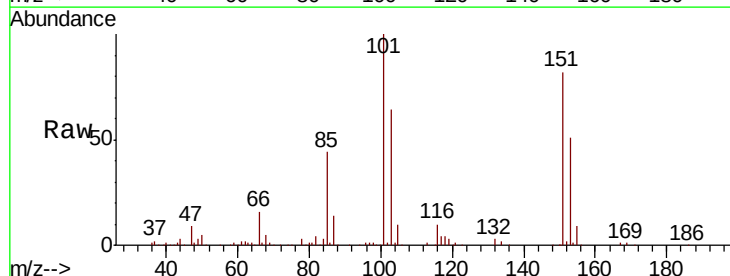
Tgt Ion:101 Resp: 108282

Ion Ratio Lower Upper

101 100

85 42.9 34.2 51.4

151 81.7 65.0 97.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V

2.39

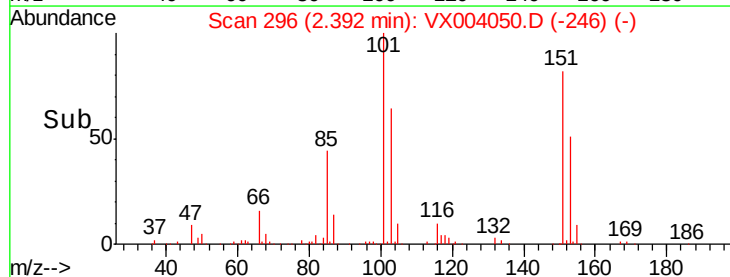
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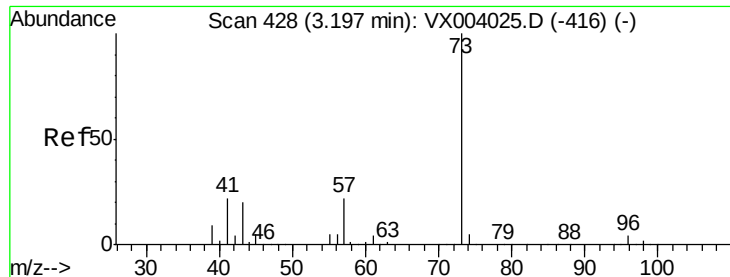
40000

20000

0

Time--> 2.30 2.40 2.50

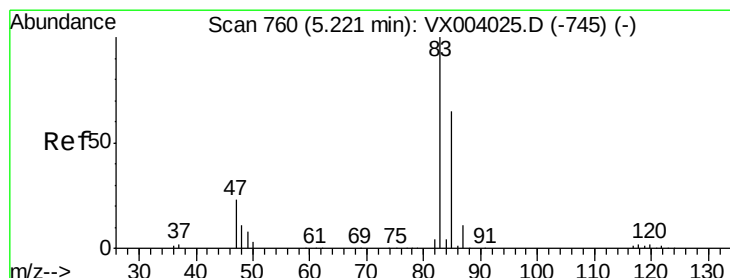
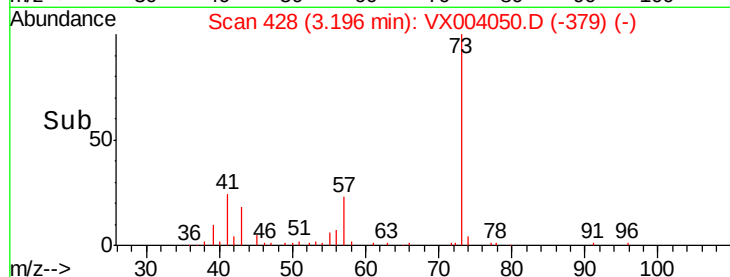
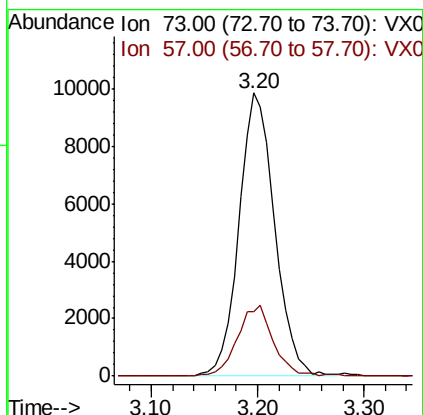
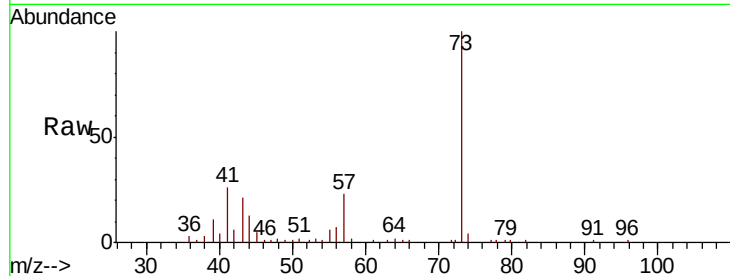




#19
Methyl tert-butyl Ether
Concen: 2.40 ug/l
RT: 3.20 min Scan# 428
Delta R.T. -0.00 min
Lab File: VX004050.D
Acq: 15 Aug 2018 01:41

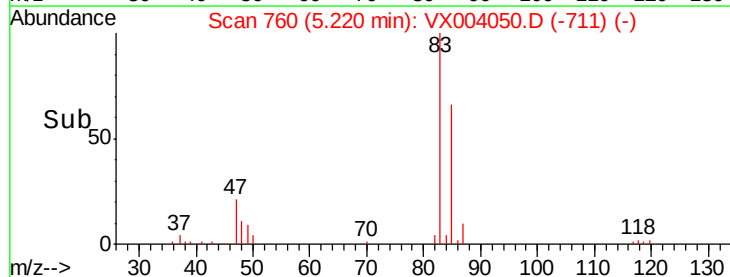
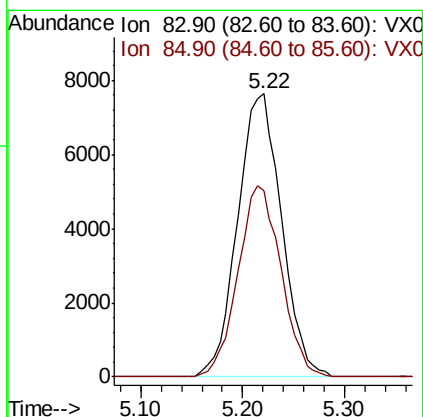
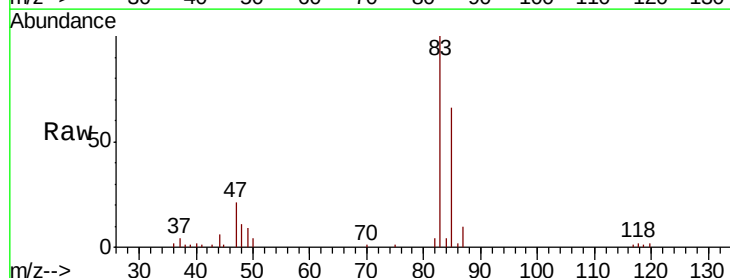
Instrument :
MSVOA_X
ClientSampled :
MW-288-SRI3

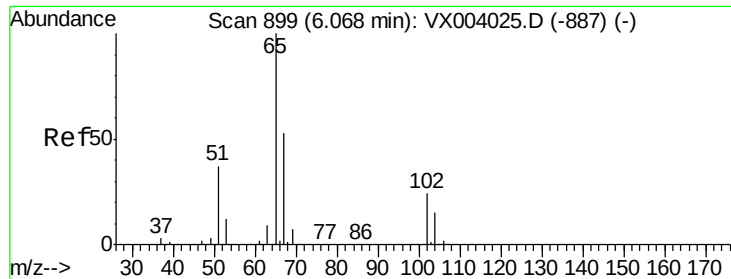
Tot Ion: 73 Resp: 23176
Ion Ratio Lower Upper
73 100
57 22.7 18.0 27.0



#30
Chloroform
Concen: 4.05 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX004050.D
Acq: 15 Aug 2018 01:41

Tgt Ion: 83 Resp: 22850
Ion Ratio Lower Upper
83 100
85 65.7 50.7 76.1

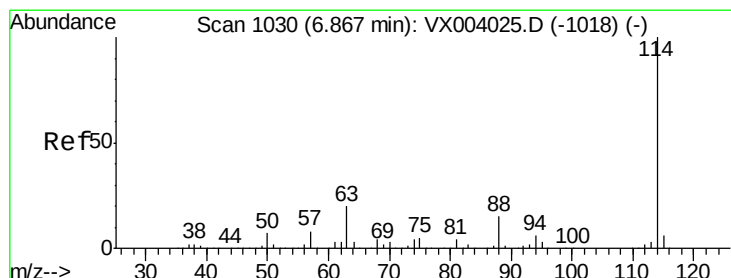
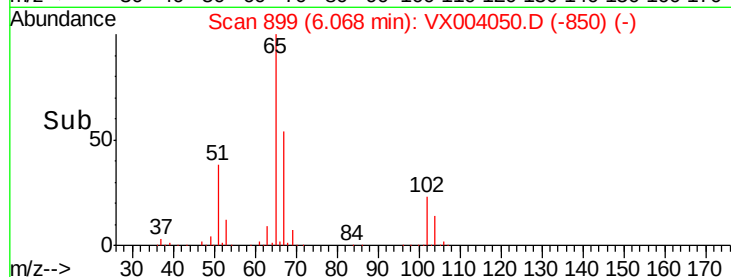
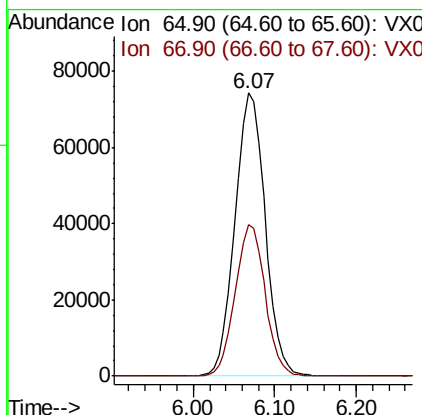
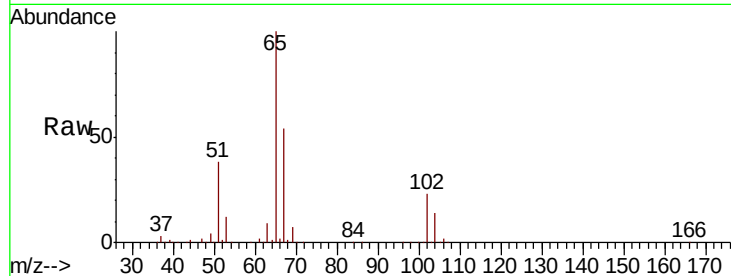




#33
 1,2-Dichloroethane-d4
 Concen: 52.08 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.00 min
 Lab File: VX004050.D
 Acq: 15 Aug 2018 01:41

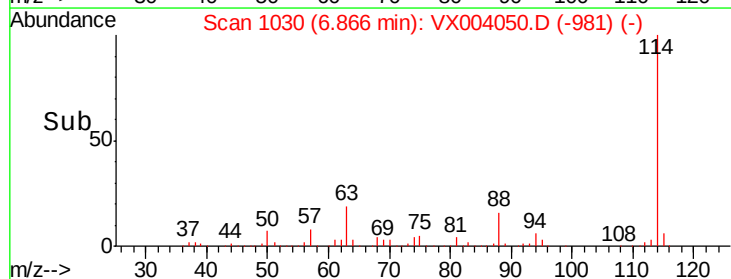
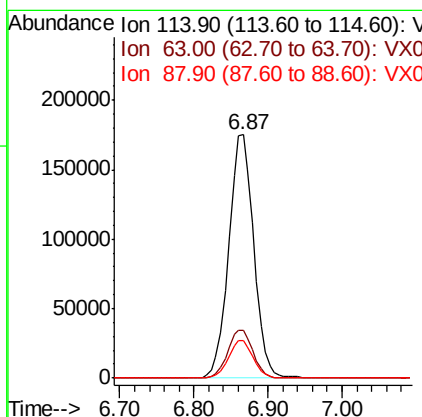
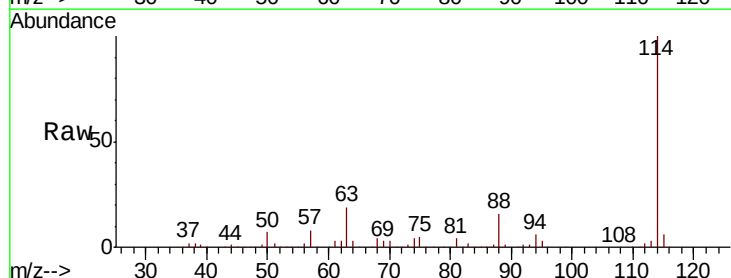
Instrument :
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 ClientSampleId :
 MW-288-SRI3

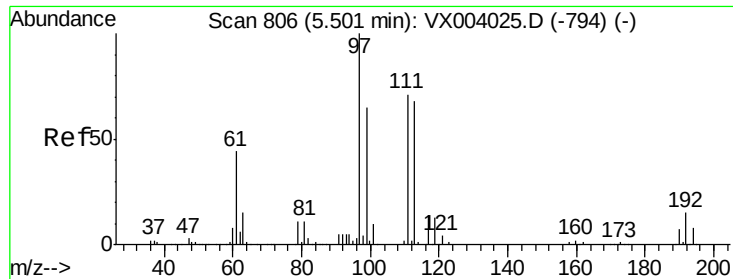
Tot Ion: 65 Resp: 190838
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX004050.D
 Acq: 15 Aug 2018 01:41

Tgt Ion: 114 Resp: 411991
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 39.0
 88 15.6 0.0 32.0

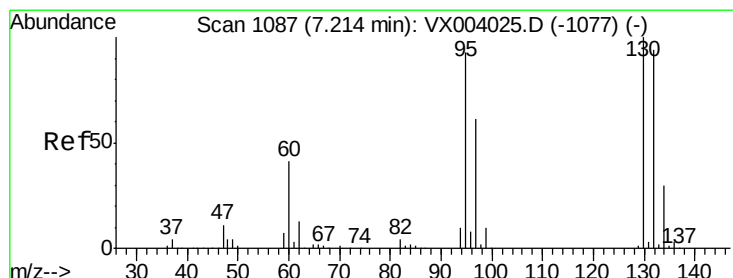
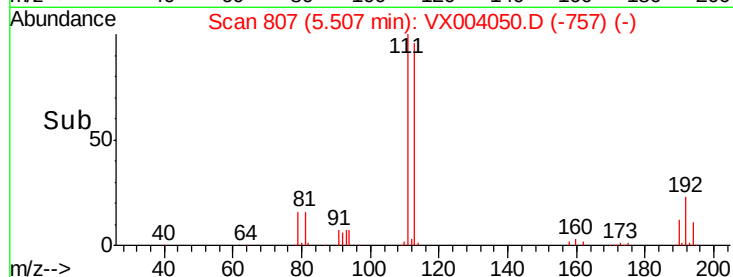
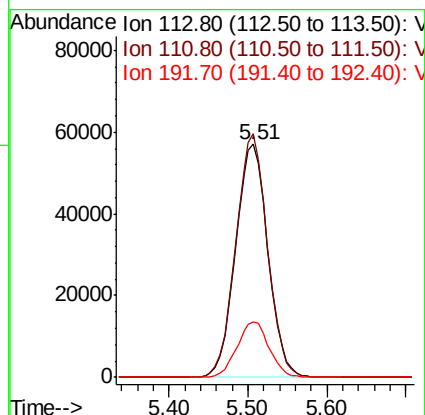
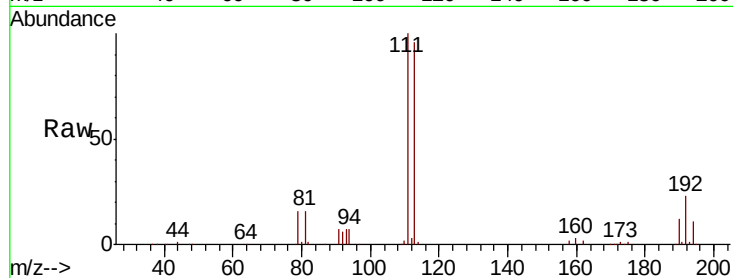




#35
 Dibromofluoromethane
 Concen: 52.61 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.01 min
 Lab File: VX004050.D
 Acq: 15 Aug 2018 01:41

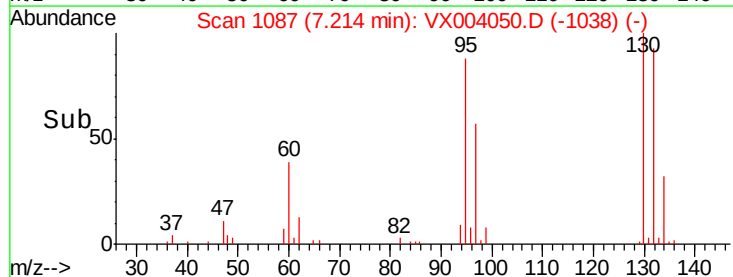
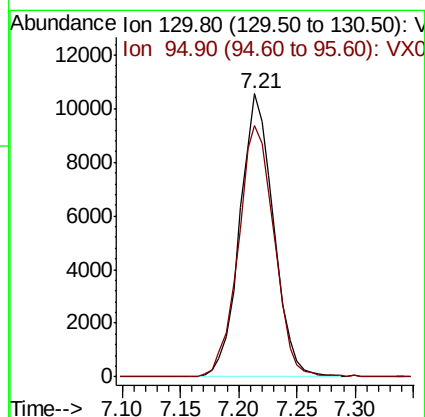
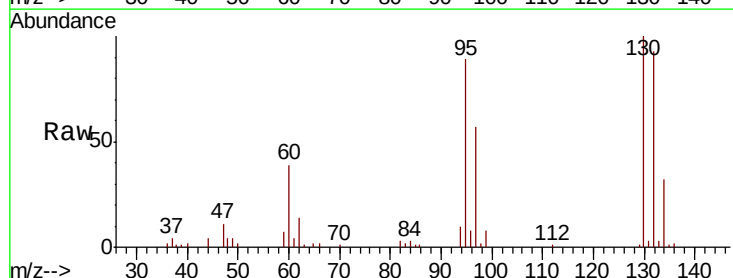
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-288-SRI3

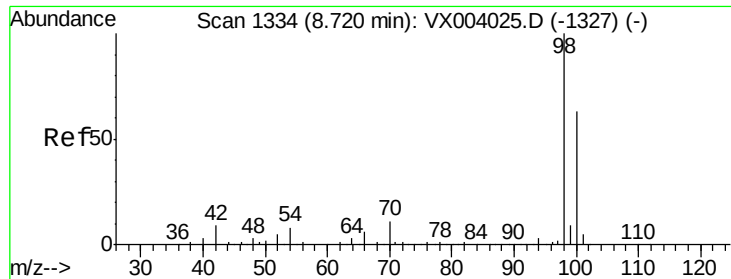
Tot Ion:113 Resp: 162230
 Ion Ratio Lower Upper
 113 100
 111 102.1 82.0 123.0
 192 23.7 19.0 28.4



#44
 Trichloroethene
 Concen: 5.58 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: VX004050.D
 Acq: 15 Aug 2018 01:41

Tgt Ion:130 Resp: 21340
 Ion Ratio Lower Upper
 130 100
 95 88.9 0.0 199.4

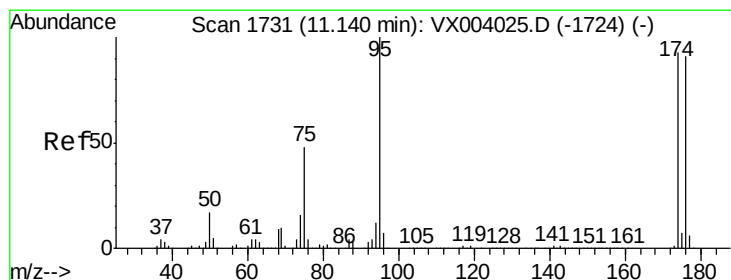
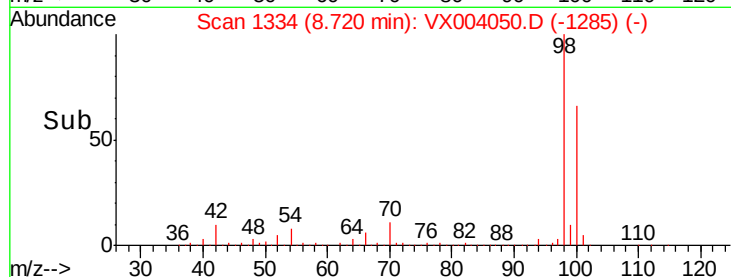
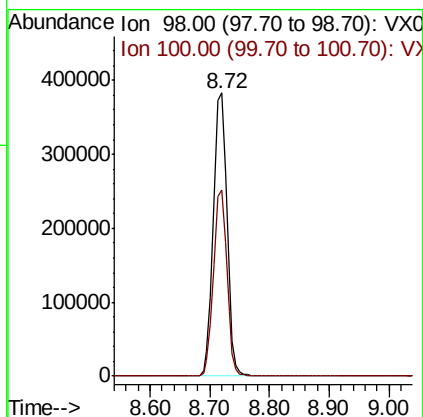
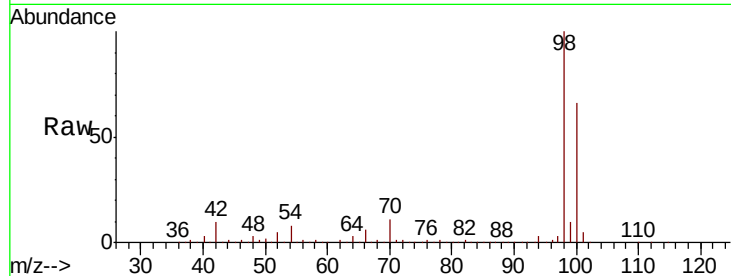




#50
Toluene-d8
Concen: 47.98 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX004050.D
Acq: 15 Aug 2018 01:41

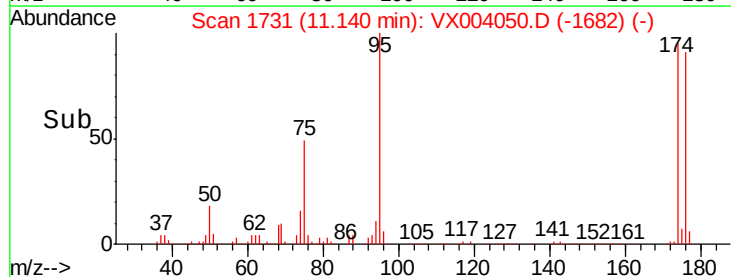
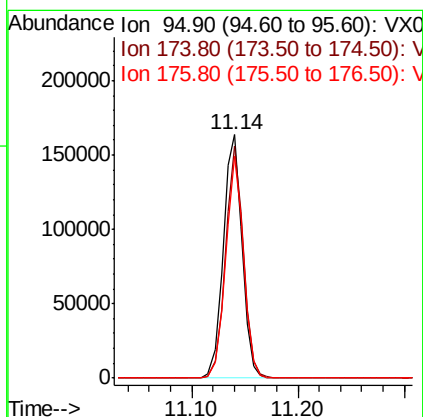
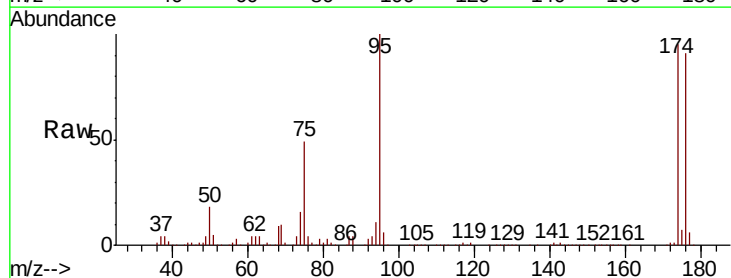
Instrument :
MSVOA_X
ClientSampleId :
MW-288-SRI3

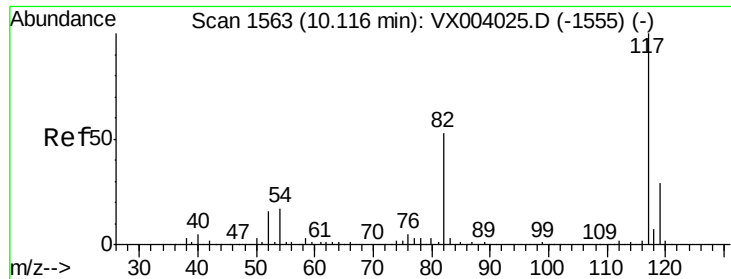
Tot Ion: 98 Resp: 599875
Ion Ratio Lower Upper
98 100
100 64.7 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 44.47 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX004050.D
Acq: 15 Aug 2018 01:41

Tgt Ion: 95 Resp: 201629
Ion Ratio Lower Upper
95 100
174 91.3 0.0 182.8
176 87.1 0.0 179.0

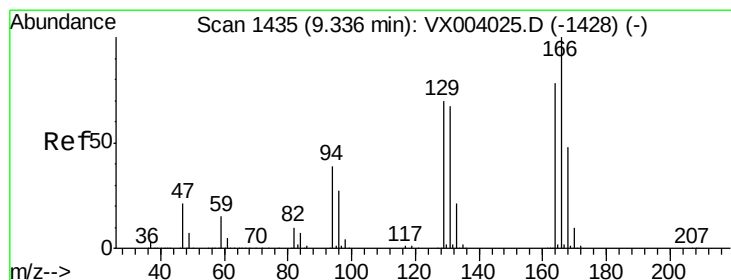
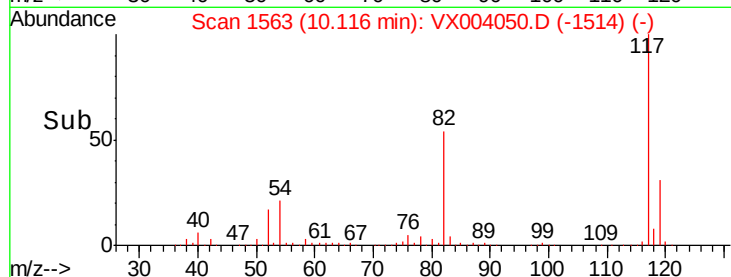
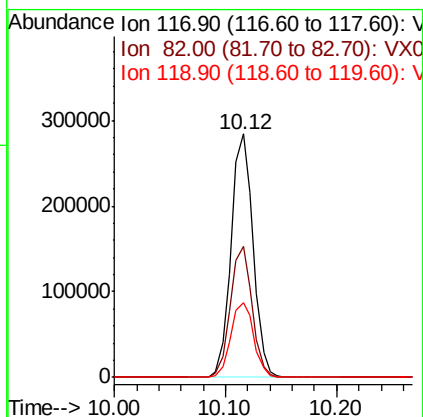
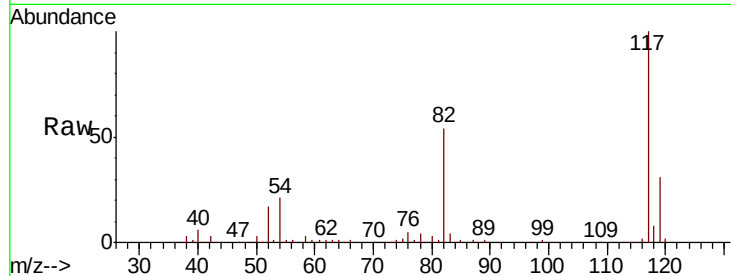




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX004050.D
Acq: 15 Aug 2018 01:41

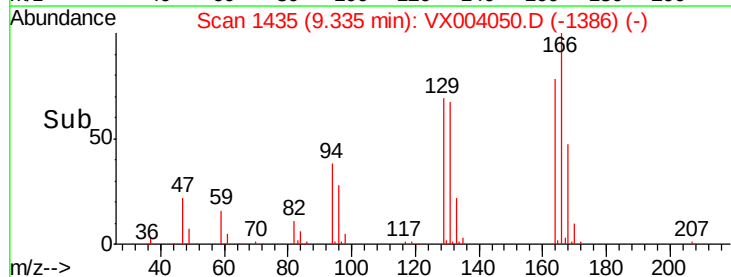
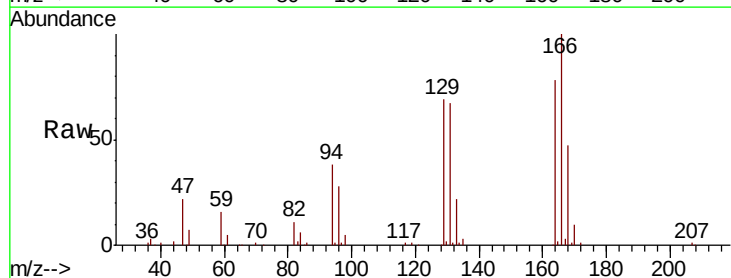
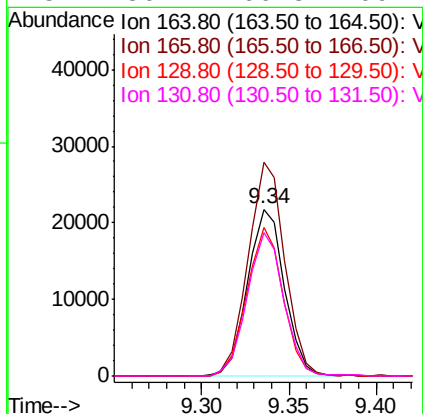
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MSVOA_X
ClientSampleId :
MW-288-SRI3

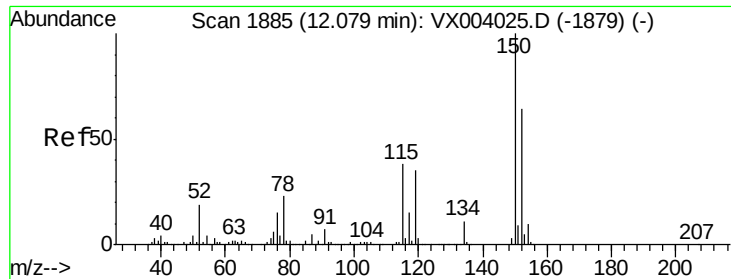
Tot Ion:117 Resp: 387769
Ion Ratio Lower Upper
117 100
82 54.0 45.4 68.0
119 30.6 26.6 40.0



#64
Tetrachloroethene
Concen: 8.63 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.00 min
Lab File: VX004050.D
Acq: 15 Aug 2018 01:41

Tgt Ion:164 Resp: 31717
Ion Ratio Lower Upper
164 100
166 128.4 98.0 147.0
129 89.1 64.3 96.5
131 86.4 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: VX004050.D

Acq: 15 Aug 2018 01:41

Instrument :

MSVOA_X

ClientSampleId :

MW-288-SRI3

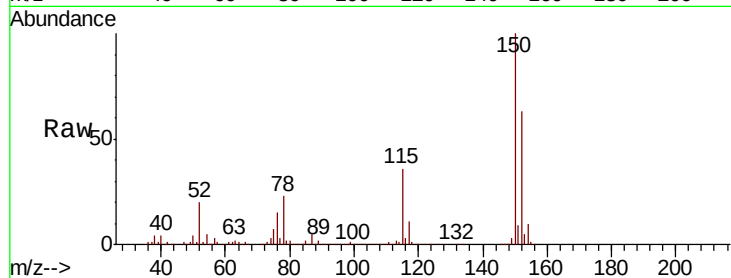
Tot Ion:152 Resp: 210917

Ion Ratio Lower Upper

152 100

115 53.7 39.1 117.3

150 157.2 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

