

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081418\
 Data File : VX004037.D
 Acq On : 14 Aug 2018 18:10
 Operator : JC/MD
 Sample : J4438-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-286-SRI3

Quant Time: Aug 15 15:42:05 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

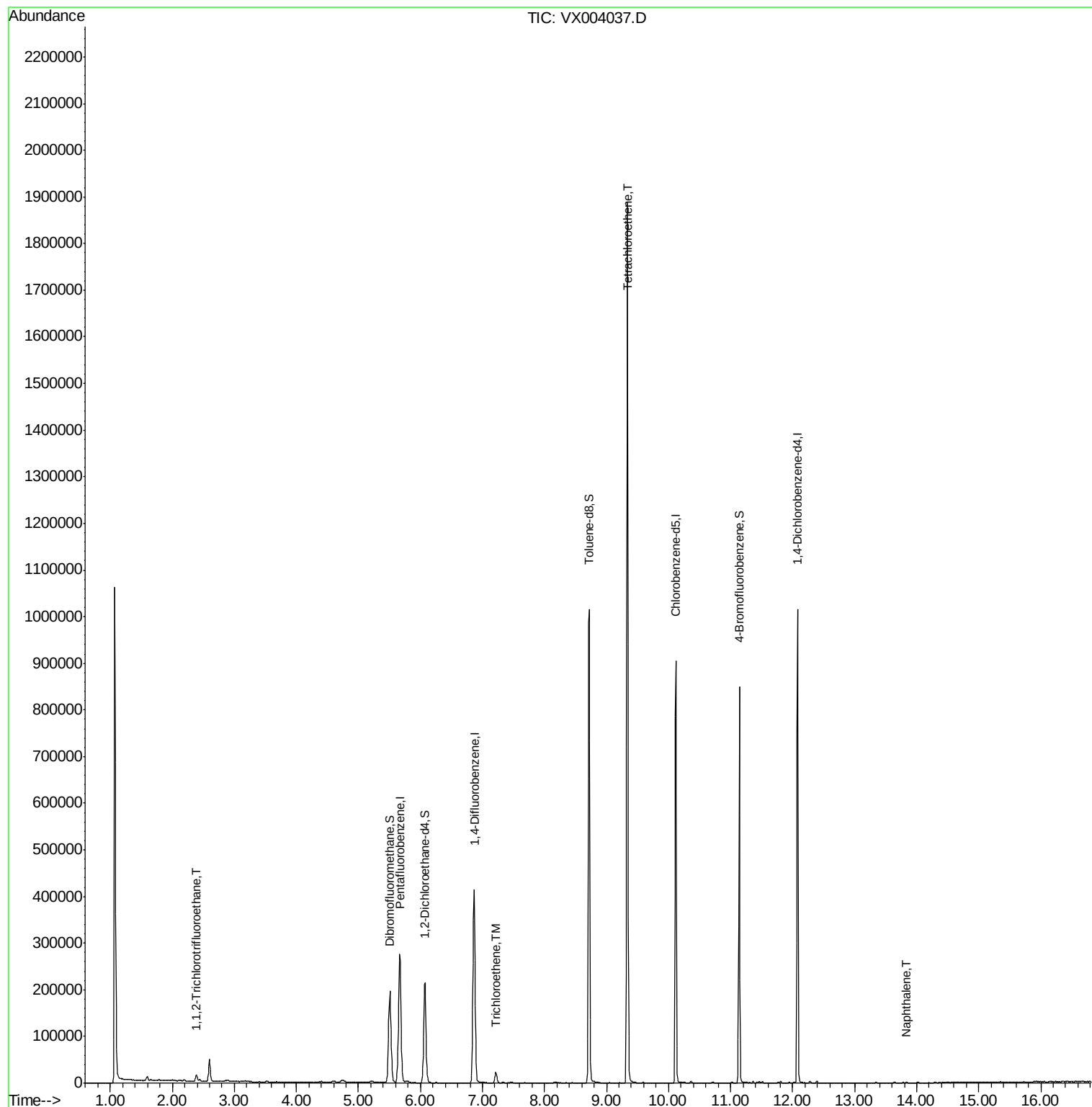
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	280404	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	433674	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	410548	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	216911	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	197635	50.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.04%	
35) Dibromofluoromethane	5.51	113	167722	51.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.36%	
50) Toluene-d8	8.72	98	612016	46.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.02%	
62) 4-Bromofluorobenzene	11.14	95	211849	44.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.78%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	2.39	101	4907	1.55	ug/l	Qvalue 100
44) Trichloroethene	7.21	130	9868	2.45	ug/l	89
64) Tetrachloroethene	9.34	164	383724	98.62	ug/l	94
95) Naphthalene	13.83	128	1553	1.24	ug/l #	93

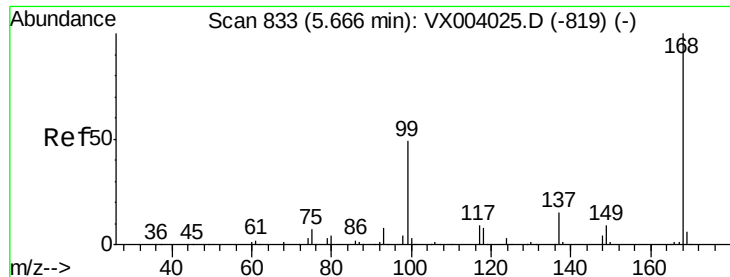
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX004037.D

Acq: 14 Aug 2018 18:10

Instrument :

MSVOA_X

ClientSampleId :

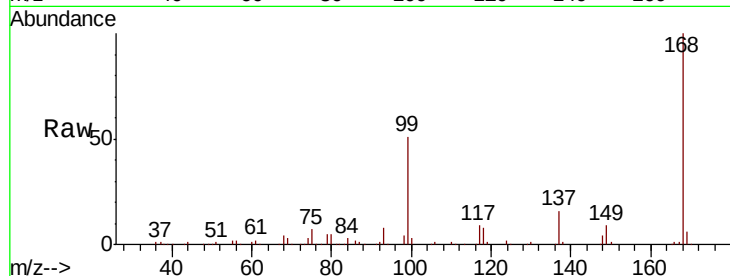
MW-286-SRI3

Tot Ion:168 Resp: 280404

Ion Ratio Lower Upper

168 100

99 51.0 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

120000

100000

80000

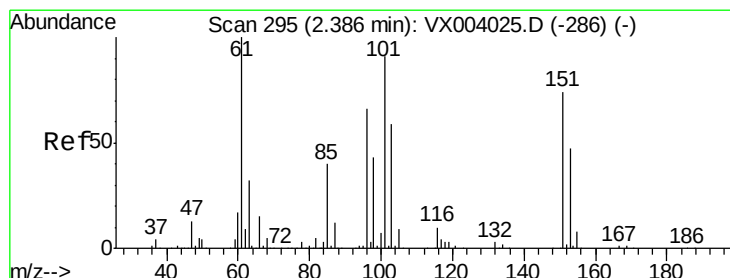
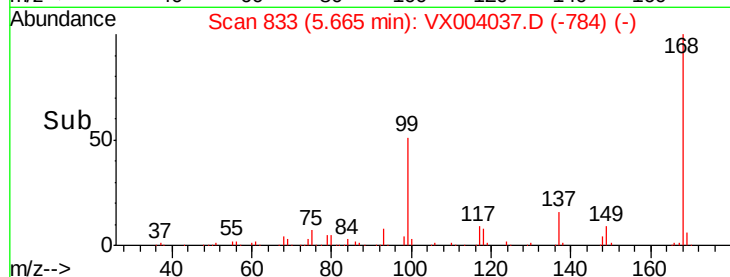
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.55 ug/l

RT: 2.39 min Scan# 296

Delta R.T. 0.01 min

Lab File: VX004037.D

Acq: 14 Aug 2018 18:10

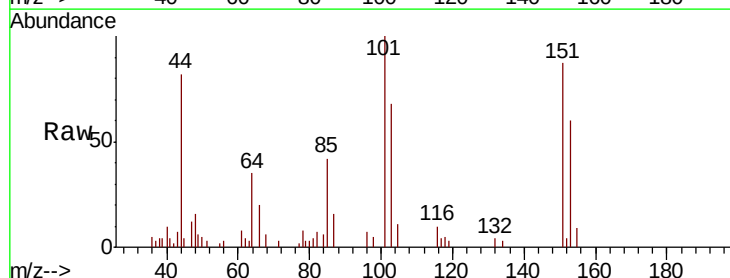
Tgt Ion:101 Resp: 4907

Ion Ratio Lower Upper

101 100

85 42.8 34.2 51.4

151 81.5 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

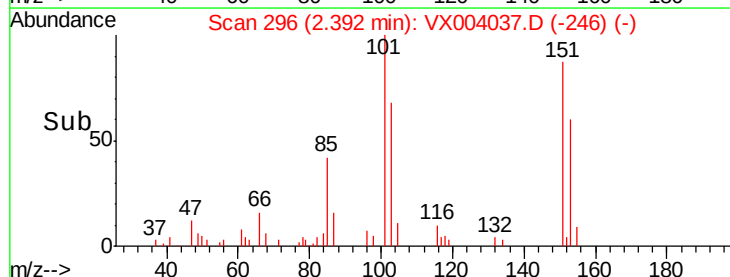
3000

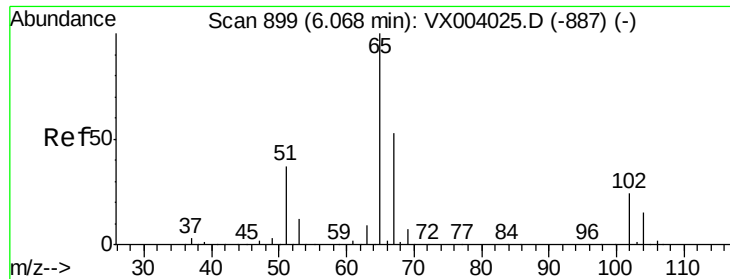
2000

1000

0

Time--> 2.30 2.35 2.40 2.45

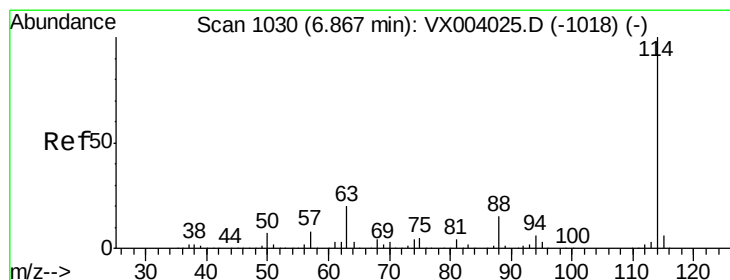
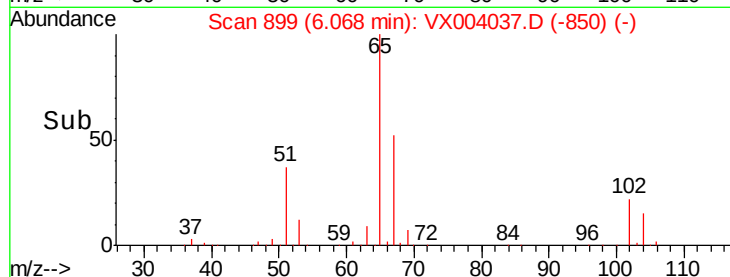
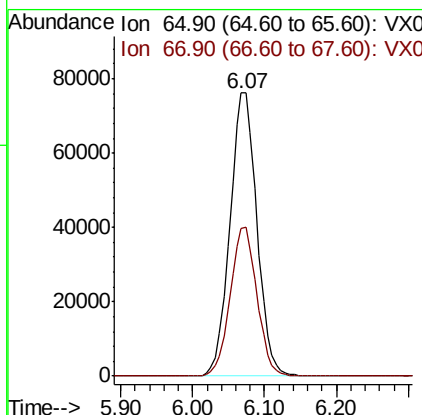
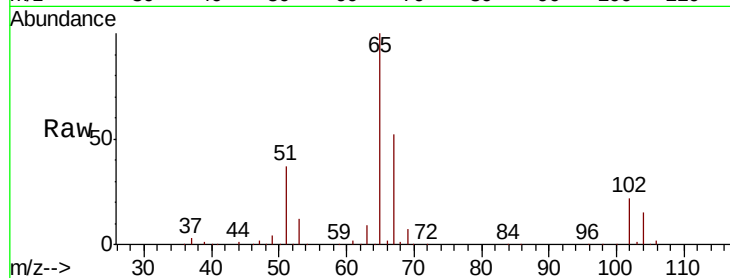




#33
 1,2-Dichloroethane-d4
 Concen: 50.02 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.00 min
 Lab File: VX004037.D
 Acq: 14 Aug 2018 18:10

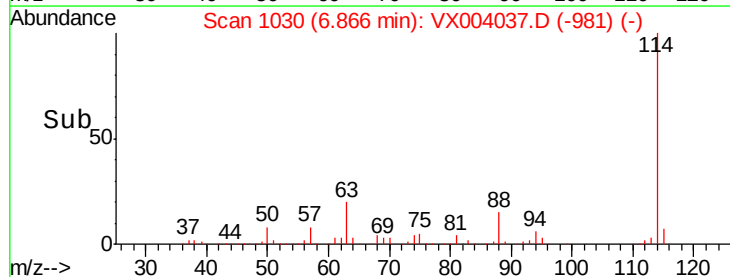
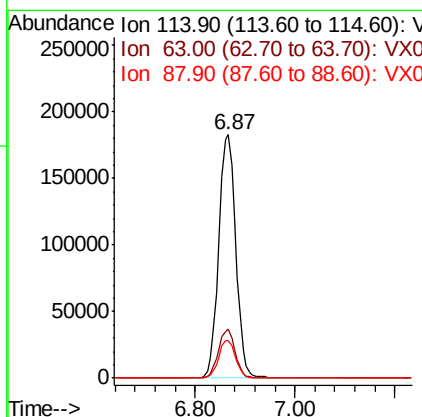
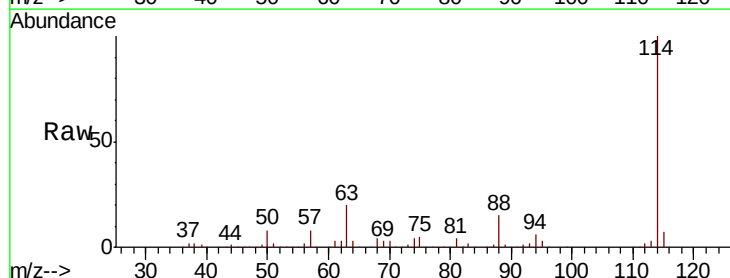
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-286-SRI3

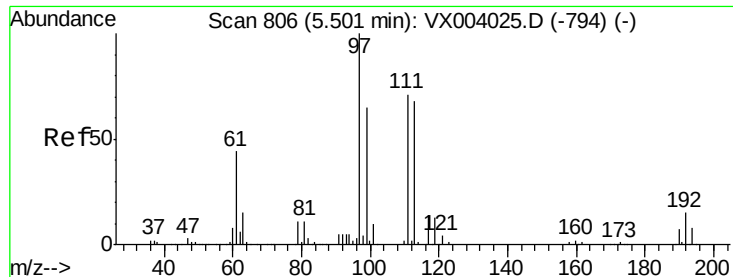
Tot Ion: 65 Resp: 197635
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX004037.D
 Acq: 14 Aug 2018 18:10

Tgt Ion: 114 Resp: 433674
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 39.0
 88 15.2 0.0 32.0

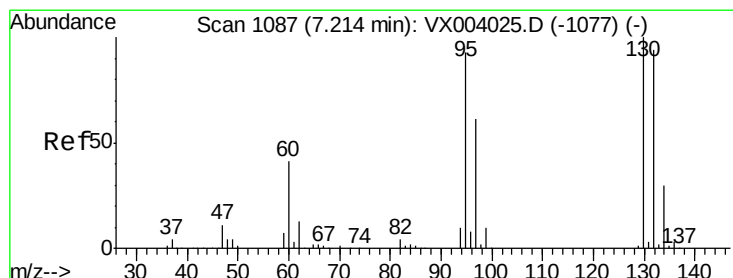
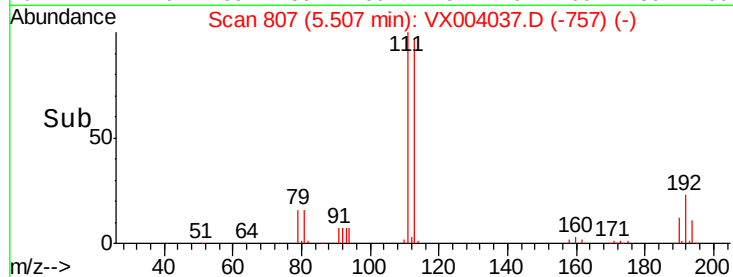
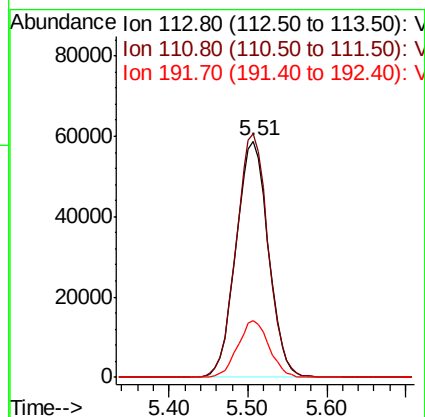
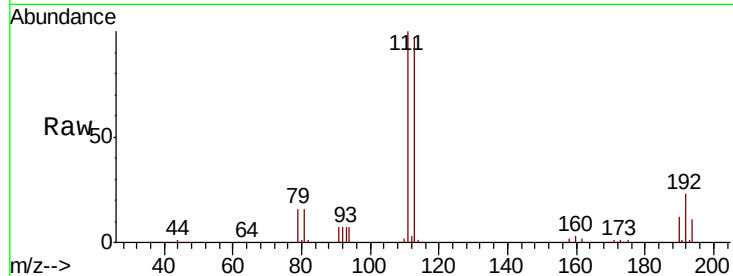




#35
 Dibromofluoromethane
 Concen: 51.68 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.01 min
 Lab File: VX004037.D
 Acq: 14 Aug 2018 18:10

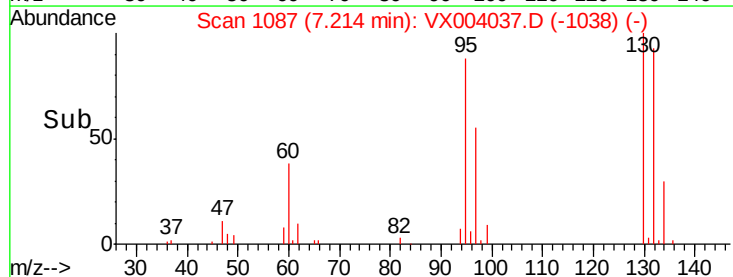
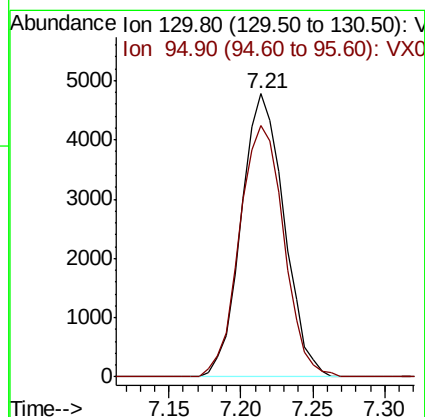
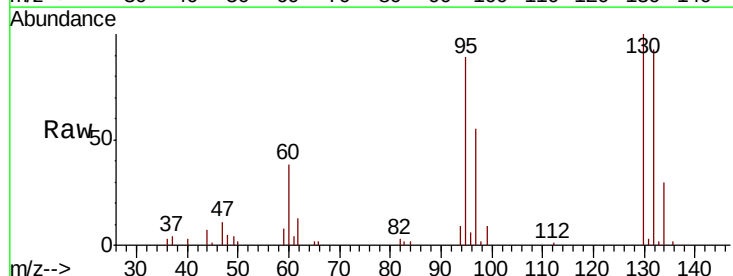
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-286-SRI3

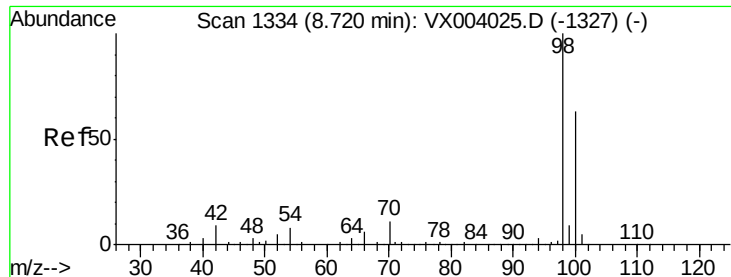
Tot Ion:113 Resp: 167722
 Ion Ratio Lower Upper
 113 100
 111 102.1 82.0 123.0
 192 23.3 19.0 28.4



#44
 Trichloroethene
 Concen: 2.45 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: VX004037.D
 Acq: 14 Aug 2018 18:10

Tgt Ion:130 Resp: 9868
 Ion Ratio Lower Upper
 130 100
 95 88.7 0.0 199.4

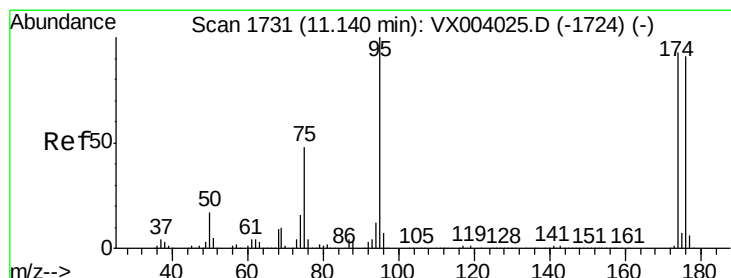
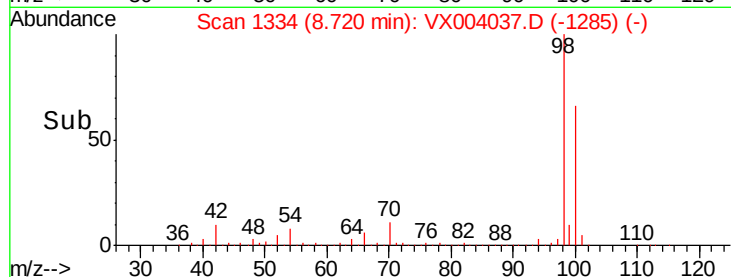
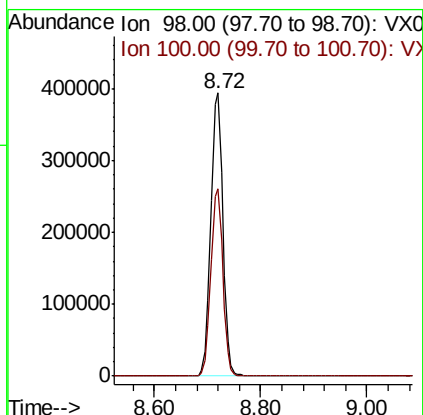
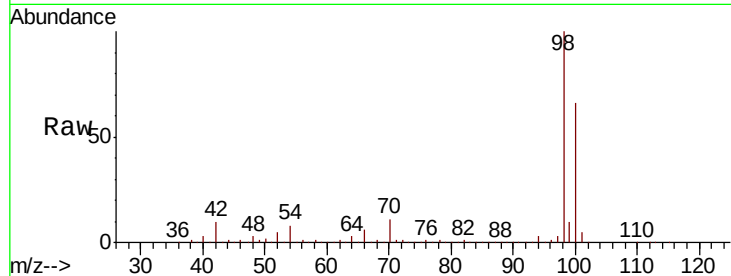




#50
Toluene-d8
Concen: 46.51 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX004037.D
Acq: 14 Aug 2018 18:10

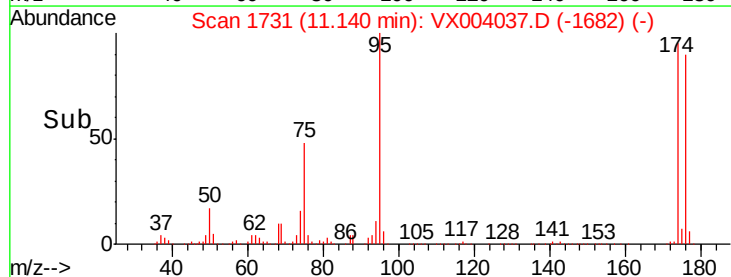
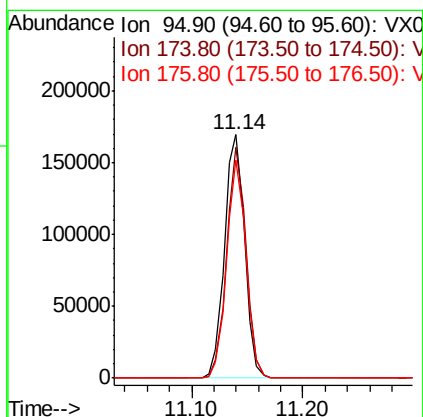
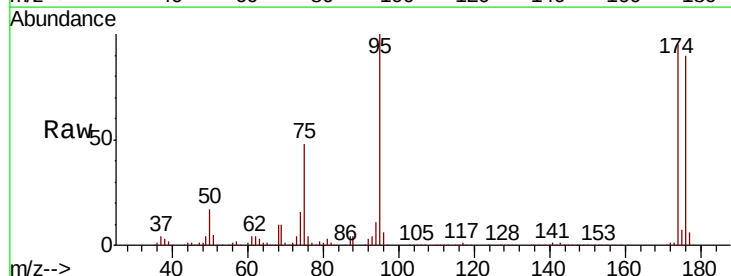
Instrument :
MSVOA_X
ClientSampleId :
MW-286-SRI3

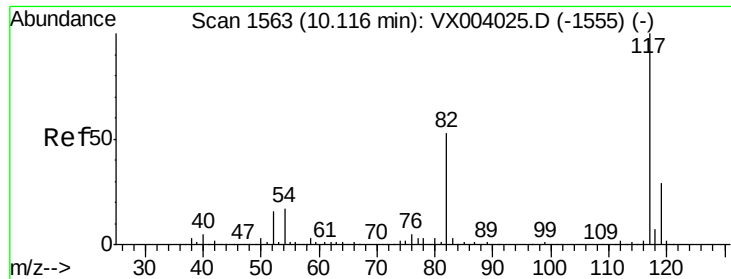
Tot Ion: 98 Resp: 612016
Ion Ratio Lower Upper
98 100
100 66.0 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 44.39 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX004037.D
Acq: 14 Aug 2018 18:10

Tgt Ion: 95 Resp: 211849
Ion Ratio Lower Upper
95 100
174 91.4 0.0 182.8
176 86.2 0.0 179.0

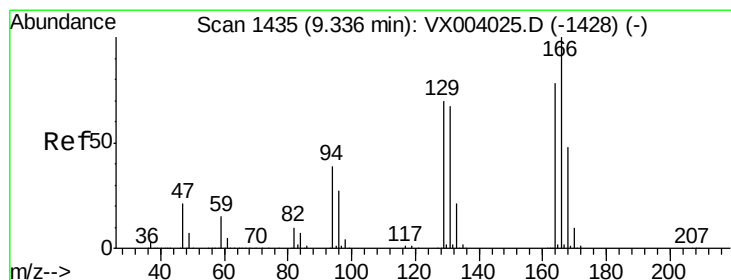
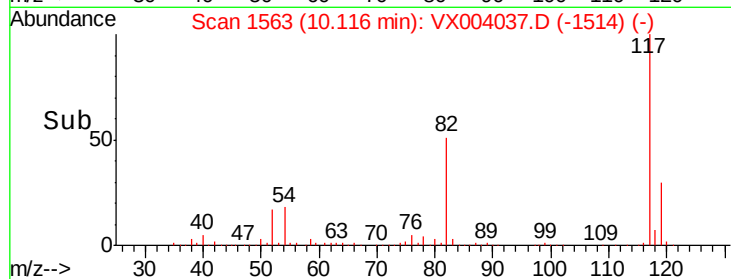
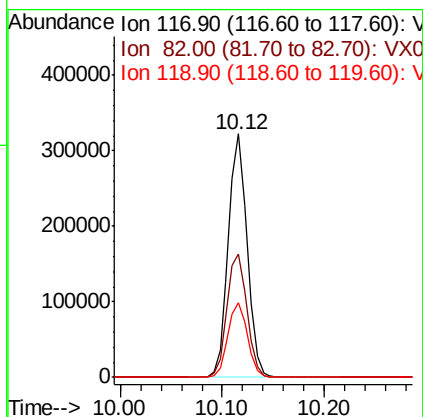
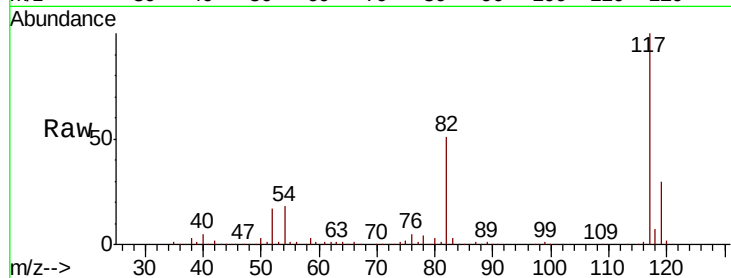




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX004037.D
Acq: 14 Aug 2018 18:10

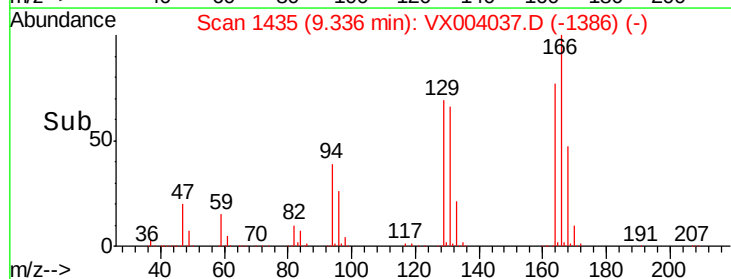
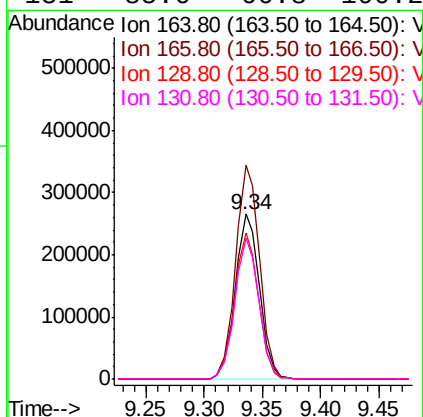
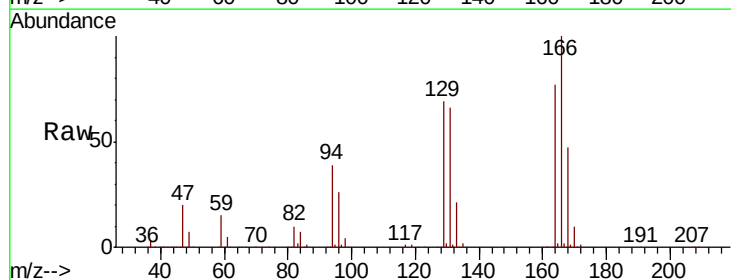
Instrument :
MSVOA_X
ClientSampleId :
MW-286-SRI3

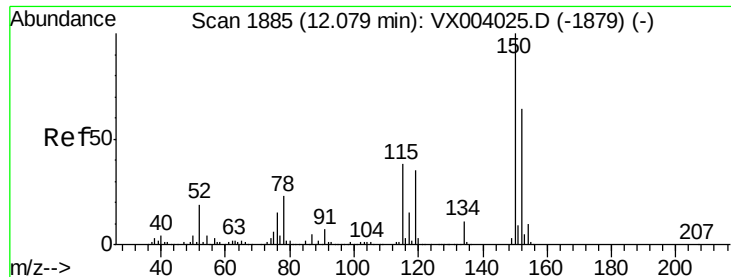
Tot Ion:117 Resp: 410548
Ion Ratio Lower Upper
117 100
82 50.9 45.4 68.0
119 30.4 26.6 40.0



#64
Tetrachloroethene
Concen: 98.62 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.00 min
Lab File: VX004037.D
Acq: 14 Aug 2018 18:10

Tgt Ion:164 Resp: 383724
Ion Ratio Lower Upper
164 100
166 129.6 98.0 147.0
129 88.8 64.3 96.5
131 85.6 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: VX004037.D

Acq: 14 Aug 2018 18:10

Instrument :

MSVOA_X

ClientSampleId :

MW-286-SRI3

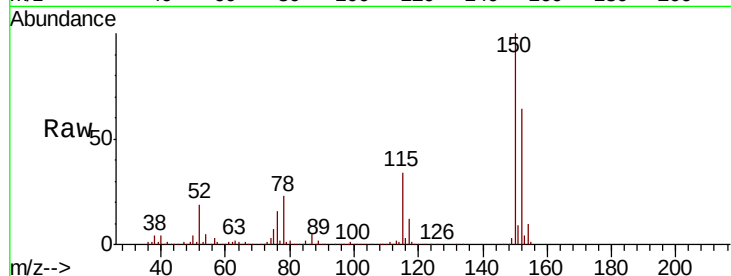
Tot Ion:152 Resp: 216911

Ion Ratio Lower Upper

152 100

115 54.5 39.1 117.3

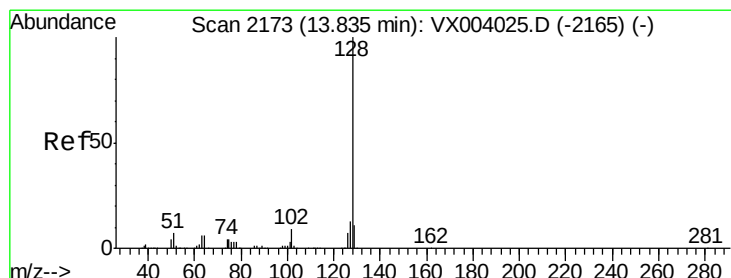
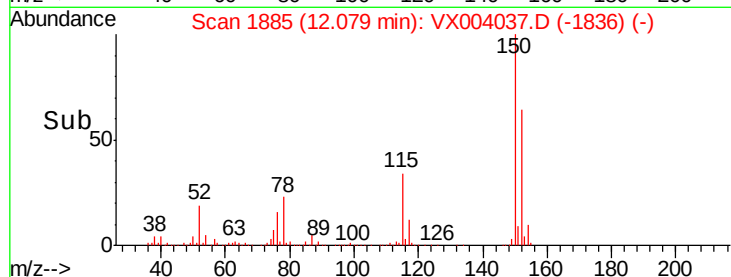
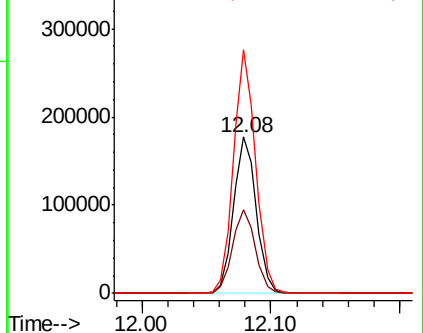
150 152.8 0.0 349.2



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



#95

Naphthalene

Concen: 1.24 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. 0.00 min

Lab File: VX004037.D

Acq: 14 Aug 2018 18:10

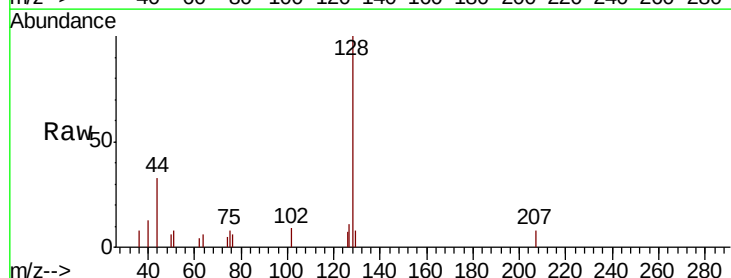
Tgt Ion:128 Resp: 1553

Ion Ratio Lower Upper

128 100

127 10.9 10.2 15.2

129 7.5 8.8 13.2#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

