

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081418\
 Data File : VX004056.D
 Acq On : 15 Aug 2018 04:21
 Operator : JC/MD
 Sample : J4439-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-289-SRI3

Quant Time: Aug 15 15:54:53 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

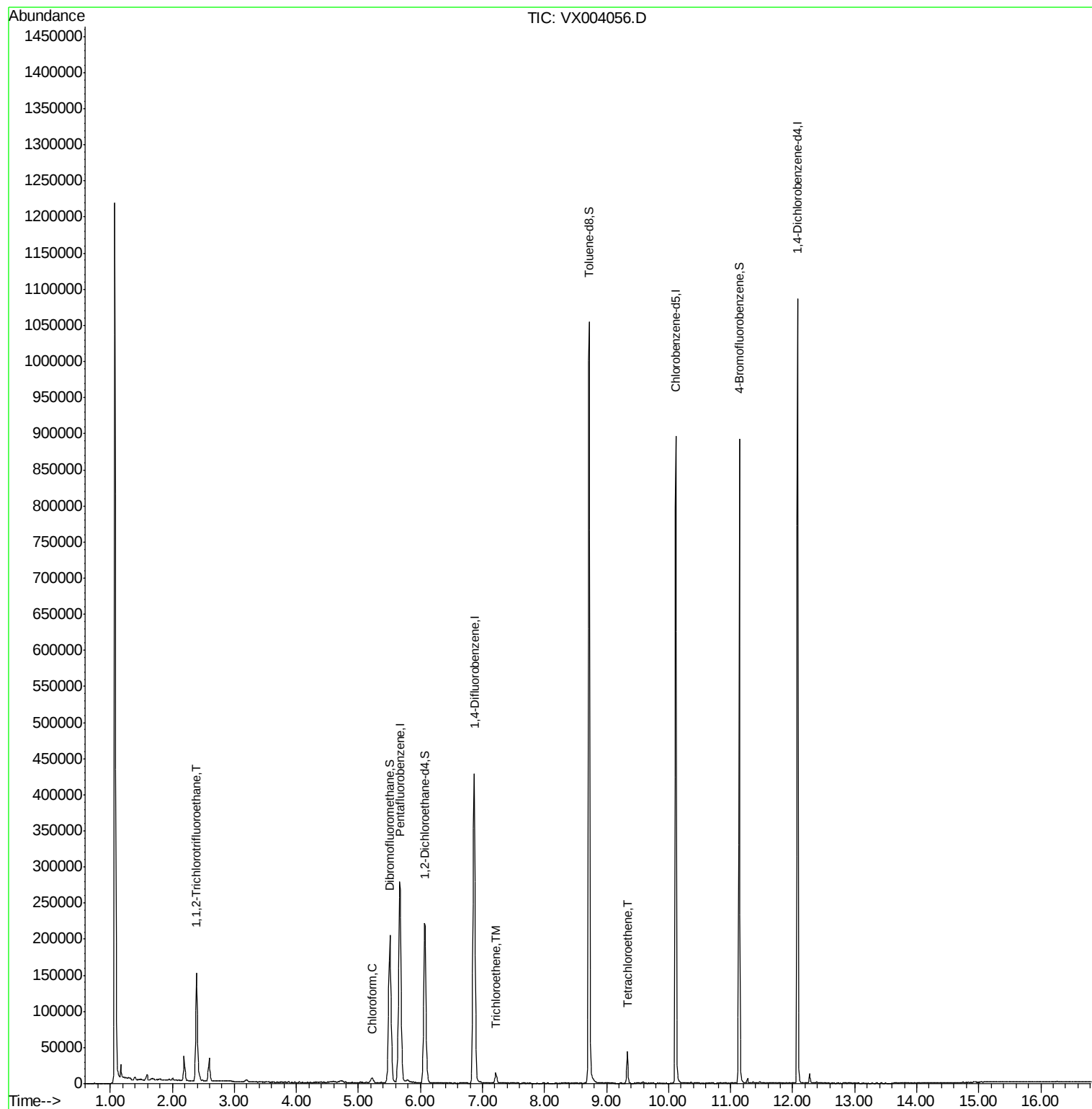
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	280627	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	444412	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	417008	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	228309	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	207987	52.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.20%	
35) Dibromofluoromethane	5.51	113	172103	51.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.48%	
50) Toluene-d8	8.72	98	632374	46.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.78%	
62) 4-Bromofluorobenzene	11.14	95	215241	44.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.02%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	2.39	101	60612	19.10	ug/l	Qvalue 100
30) Chloroform	5.22	83	7259	1.19	ug/l	100
44) Trichloroethene	7.21	130	5403	1.31	ug/l	87
64) Tetrachloroethene	9.34	164	9130	2.31	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: VX004056.D

Acq: 15 Aug 2018 04:21

Instrument :

MSVOA_X

ClientSampleId :

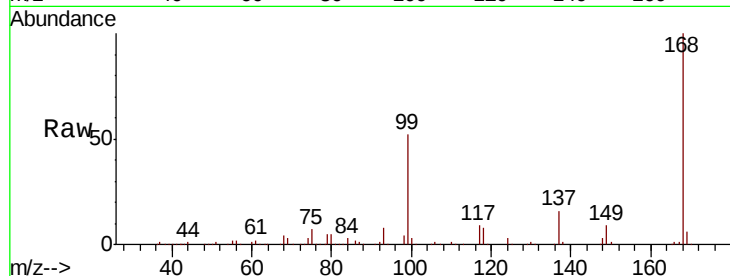
MW-289-SRI3

Tot Ion:168 Resp: 280627

Ion Ratio Lower Upper

168 100

99 52.2 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

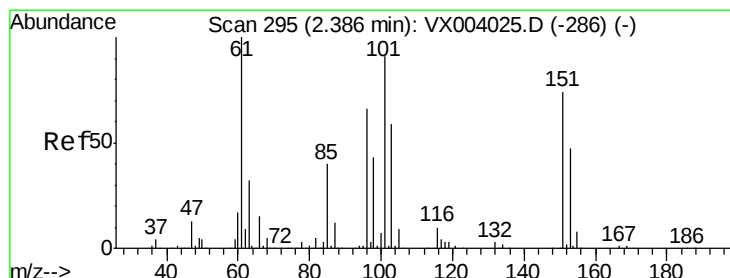
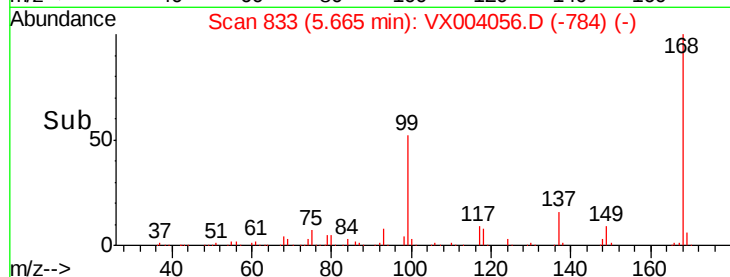
40000

20000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.10 ug/l

RT: 2.39 min Scan# 296

Delta R.T. 0.01 min

Lab File: VX004056.D

Acq: 15 Aug 2018 04:21

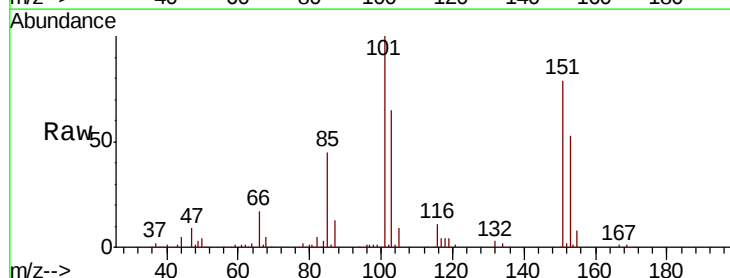
Tgt Ion:101 Resp: 60612

Ion Ratio Lower Upper

101 100

85 43.2 34.2 51.4

151 81.2 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

40000

30000

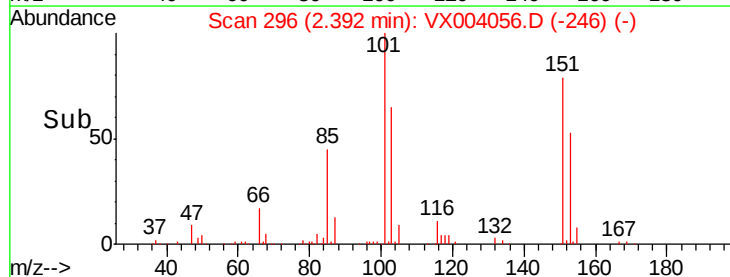
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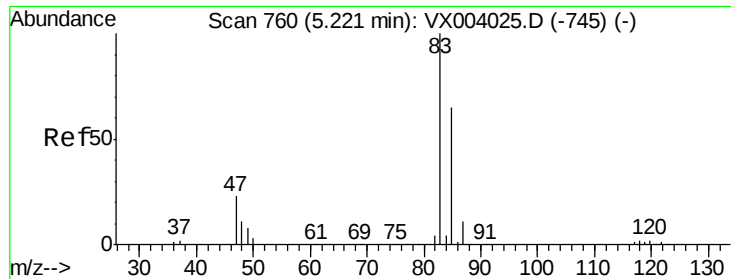
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Time-->

2.30 2.40 2.50

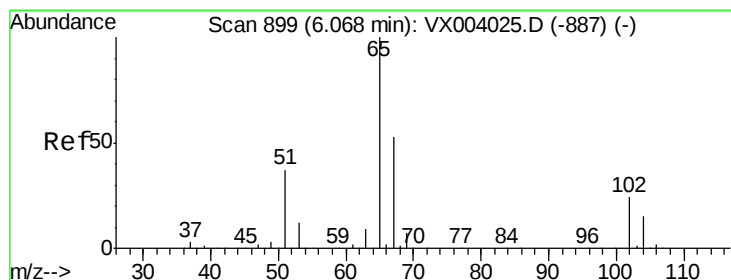
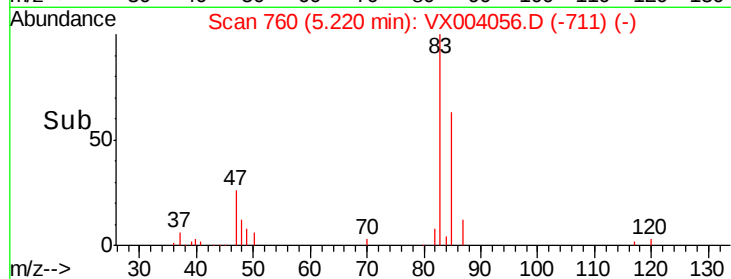
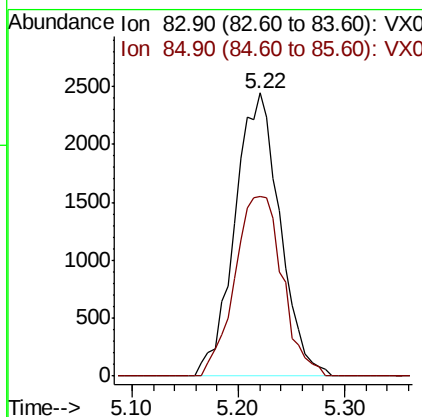
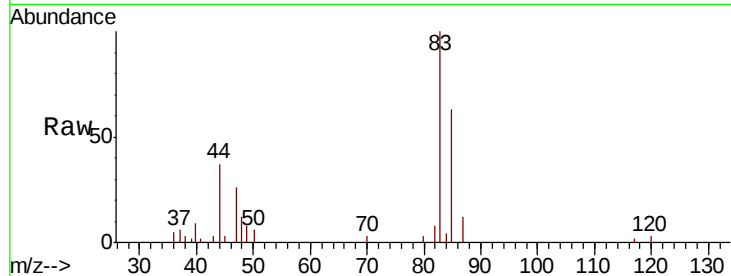




#30
Chloroform
Concen: 1.19 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX004056.D
Acq: 15 Aug 2018 04:21

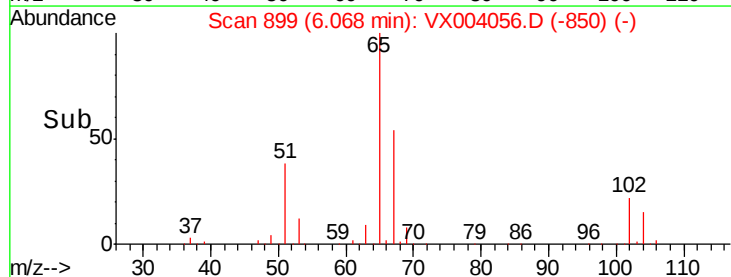
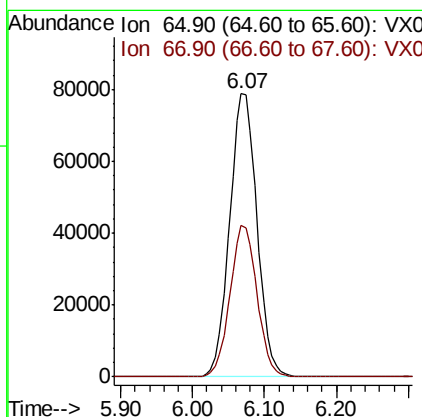
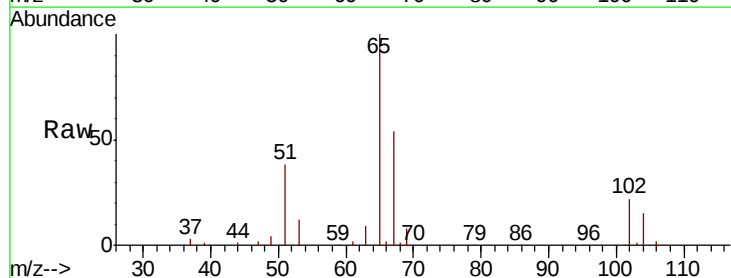
Instrument :
MSVOA_X
ClientSampleId :
MW-289-SRI3

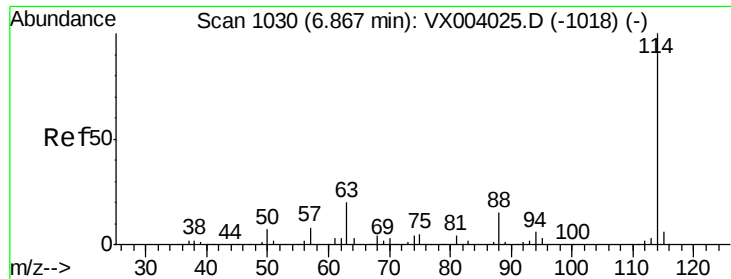
Tot Ion: 83 Resp: 7259
Ion Ratio Lower Upper
83 100
85 63.3 50.7 76.1



#33
1,2-Dichloroethane-d4
Concen: 52.60 ug/l
RT: 6.07 min Scan# 899
Delta R.T. -0.00 min
Lab File: VX004056.D
Acq: 15 Aug 2018 04:21

Tgt Ion: 65 Resp: 207987
Ion Ratio Lower Upper
65 100
67 53.0 0.0 105.8

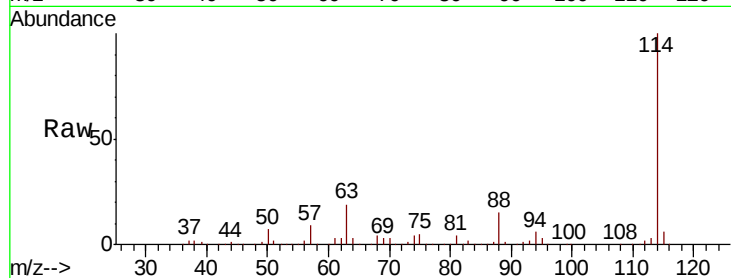




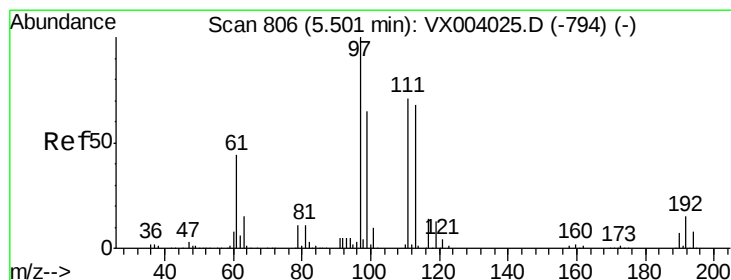
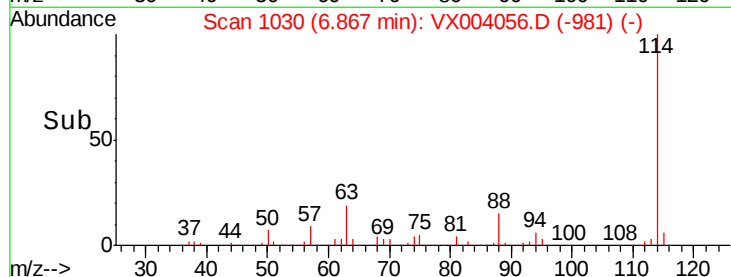
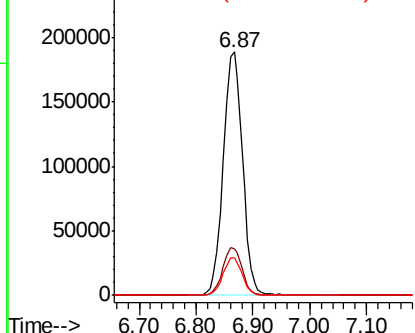
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX004056.D
 Acq: 15 Aug 2018 04:21

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-289-SRI3

Tot Ion:114 Resp: 444412
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 39.0
 88 15.3 0.0 32.0

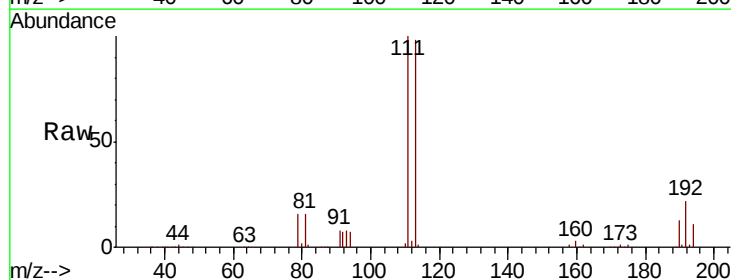


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

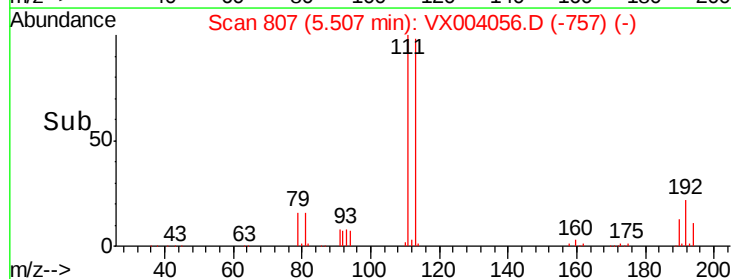
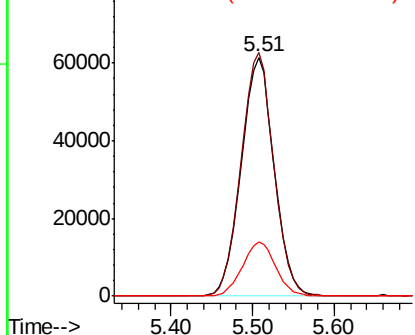


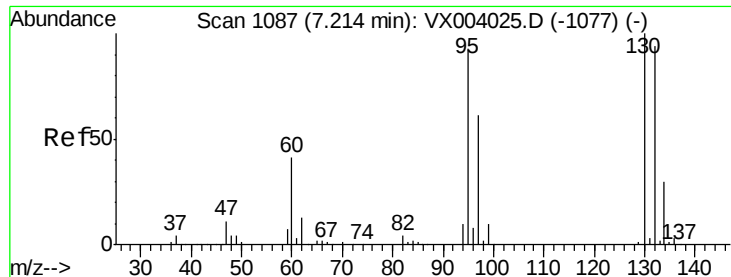
#35
 Dibromofluoromethane
 Concen: 51.74 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.01 min
 Lab File: VX004056.D
 Acq: 15 Aug 2018 04:21

Tgt Ion:113 Resp: 172103
 Ion Ratio Lower Upper
 113 100
 111 101.8 82.0 123.0
 192 23.0 19.0 28.4



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: 1.31 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX004056.D

Acq: 15 Aug 2018 04:21

Instrument :

MSVOA_X

ClientSampleId :

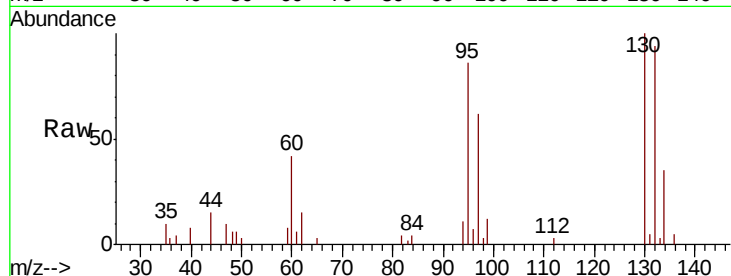
MW-289-SRI3

Tot Ion:130 Resp: 5403

Ion Ratio Lower Upper

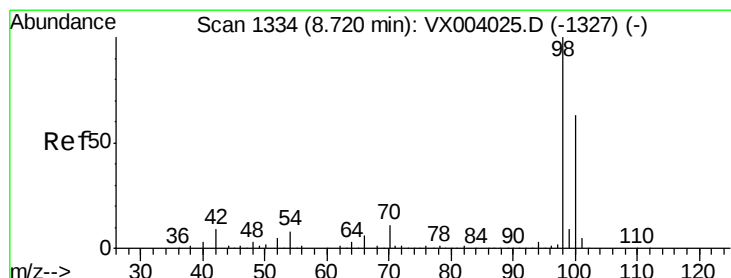
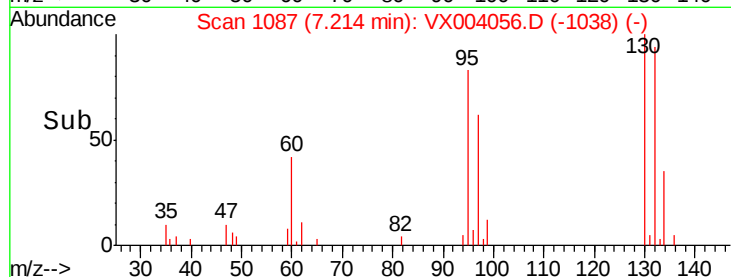
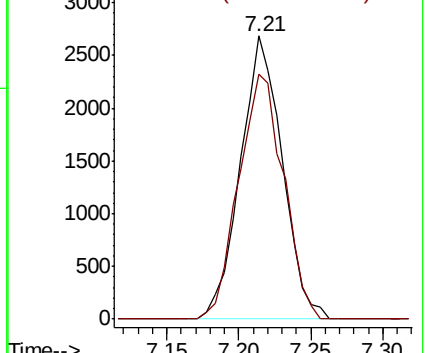
130 100

95 86.4 0.0 199.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 46.89 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX004056.D

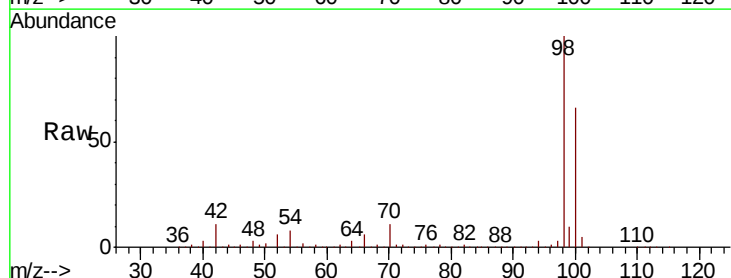
Acq: 15 Aug 2018 04:21

Tgt Ion: 98 Resp: 632374

Ion Ratio Lower Upper

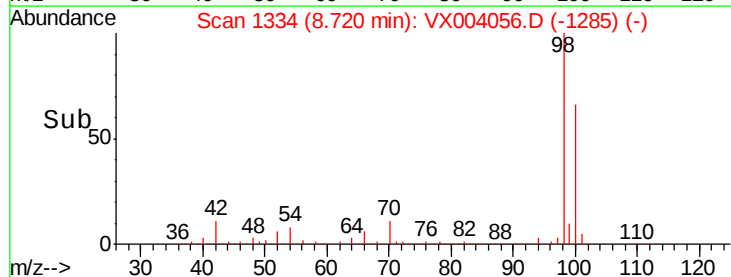
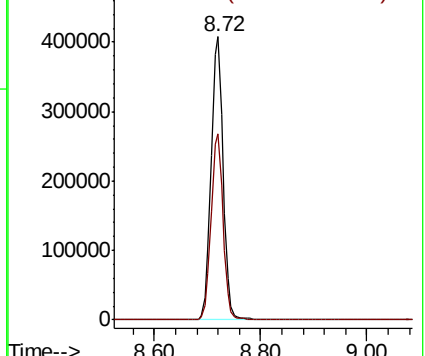
98 100

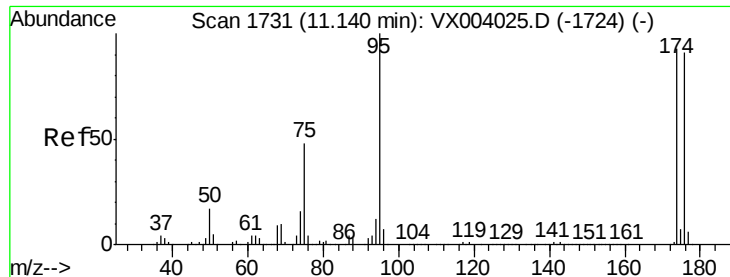
100 65.6 53.3 79.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

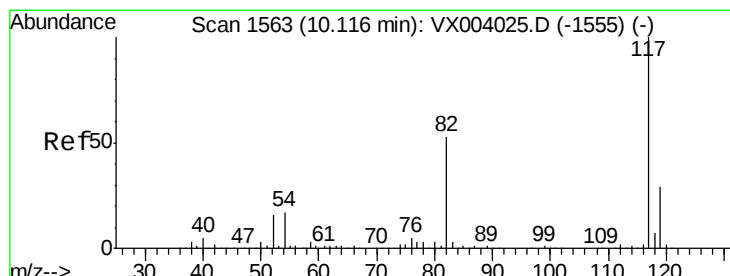
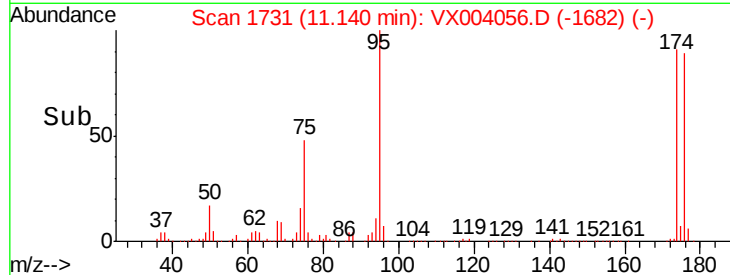
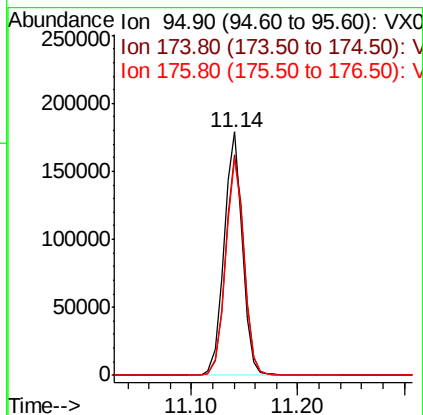
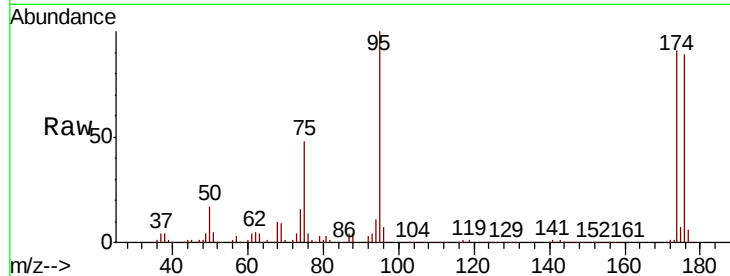




#62
4-Bromofluorobenzene
Concen: 44.01 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX004056.D
Acq: 15 Aug 2018 04:21

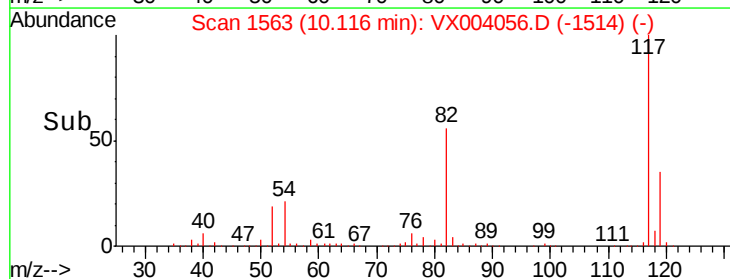
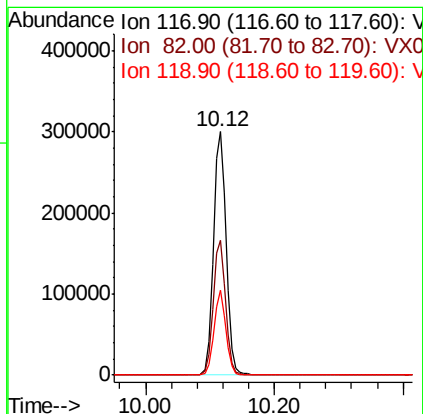
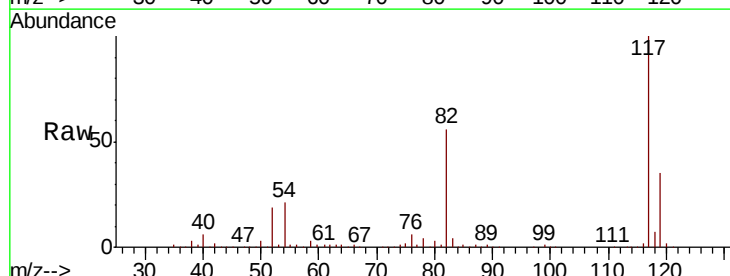
Instrument :
MSVOA_X
ClientSampleId :
MW-289-SRI3

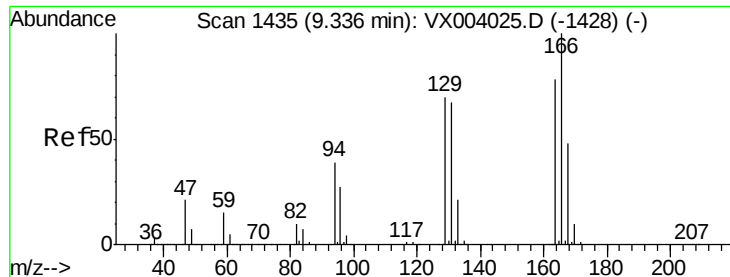
Tot Ion: 95 Resp: 215241
Ion Ratio Lower Upper
95 100
174 92.4 0.0 182.8
176 89.5 0.0 179.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX004056.D
Acq: 15 Aug 2018 04:21

Tgt Ion: 117 Resp: 417008
Ion Ratio Lower Upper
117 100
82 55.6 45.4 68.0
119 34.7 26.6 40.0

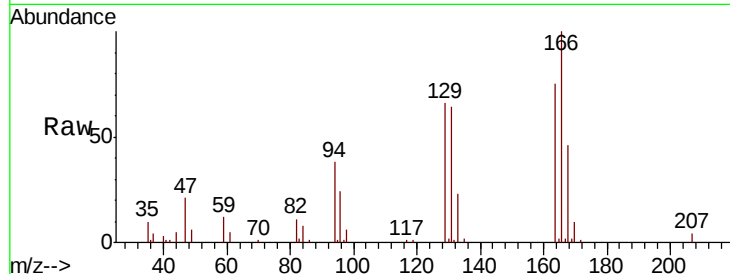




#64
Tetrachloroethene
Concen: 2.31 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.00 min
Lab File: VX004056.D
Acq: 15 Aug 2018 04:21

Instrument :
MSVOA_X
ClientSampleId :
MW-289-SRI3

Tot Ion	Ratio	Lower	Upper
164	100		
166	133.5	98.0	147.0
129	88.5	64.3	96.5
131	85.6	66.8	100.2



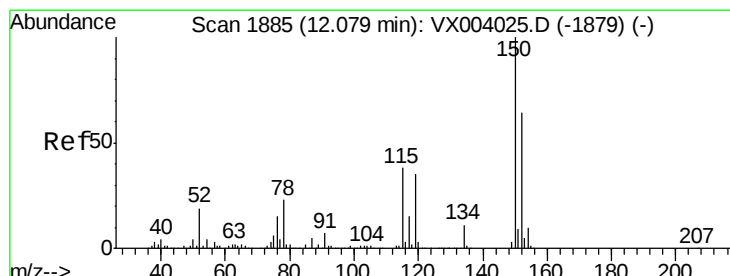
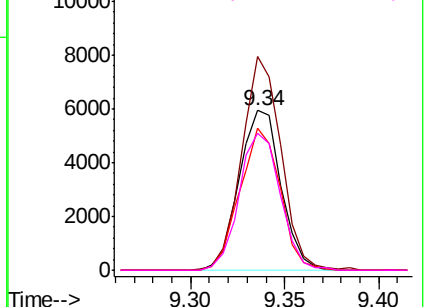
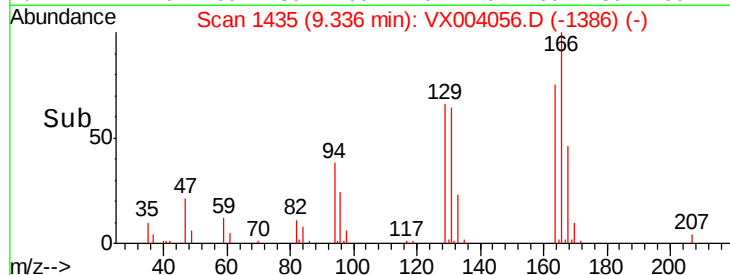
Abundance

Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

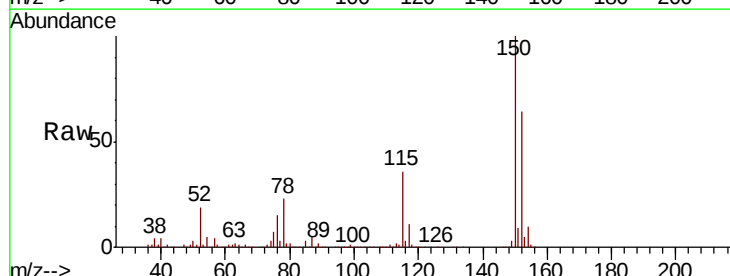
Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX004056.D
Acq: 15 Aug 2018 04:21

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.9	39.1	117.3
150	156.5	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

