

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081418\
 Data File : VX004065.D
 Acq On : 15 Aug 2018 08:19
 Operator : JC/MD
 Sample : J4439-16
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-287-SRI3

Quant Time: Aug 15 10:43:04 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

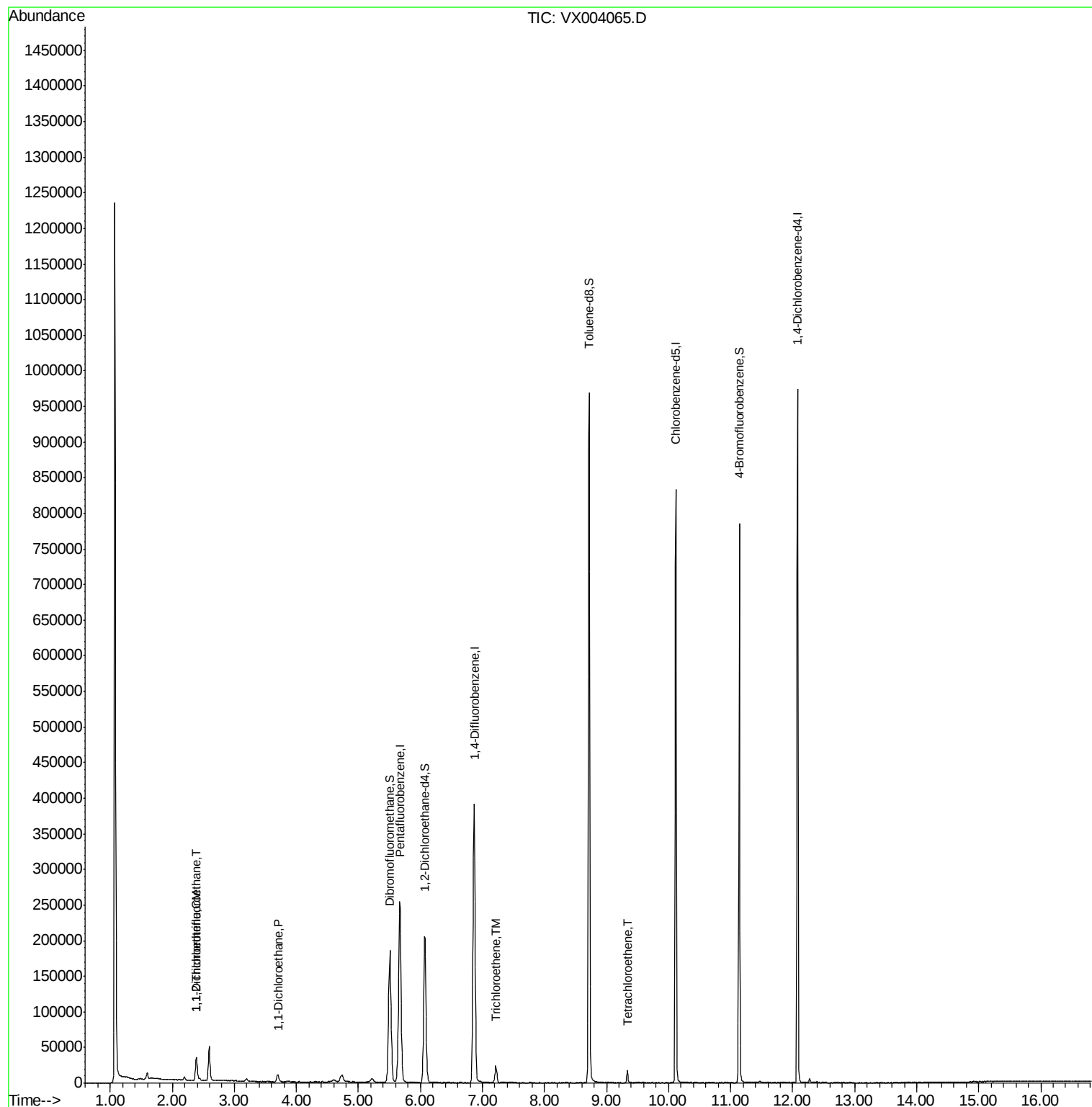
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	253429	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	400031	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	384705	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	202752	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	191430	53.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.22%	
35) Dibromofluoromethane	5.51	113	156551	52.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.58%	
50) Toluene-d8	8.72	98	574544	47.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.66%	
62) 4-Bromofluorobenzene	11.14	95	193849	44.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.06%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	2.39	101	10978	3.83	ug/l	99
12) 1,1-Dichloroethene	2.38	96	3336	1.25	ug/l	94
24) 1,1-Dichloroethane	3.70	63	11509	2.04	ug/l	98
44) Trichloroethene	7.21	130	9736	2.62	ug/l	92
64) Tetrachloroethene	9.34	164	3564	0.98	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# 833

Delta R.T. -0.00 min

Lab File: VX004065.D

Acq: 15 Aug 2018 08:19

Instrument :

MSVOA_X

ClientSampleId :

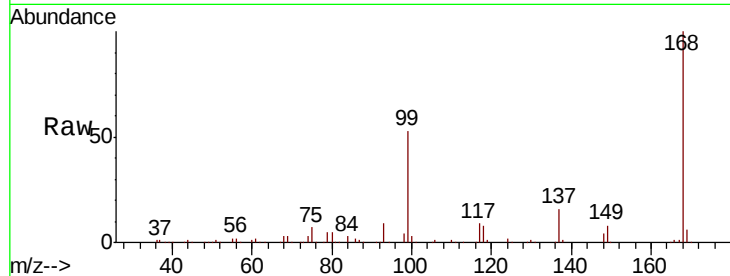
MW-287-SRI3

Tot Ion:168 Resp: 253429

Ion Ratio Lower Upper

168 100

99 53.1 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

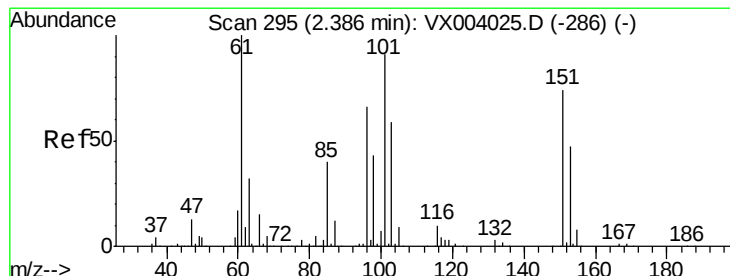
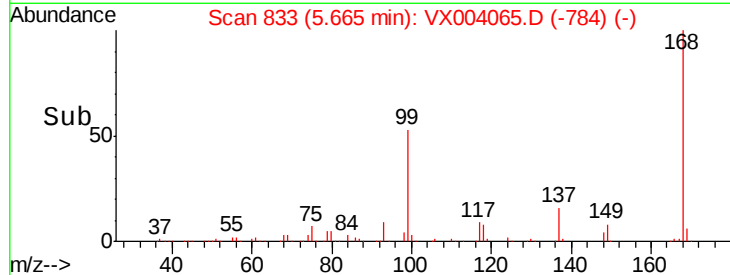
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#9

1,1,2-Trichlorotrifluoroethane

Concen: 3.83 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX004065.D

Acq: 15 Aug 2018 08:19

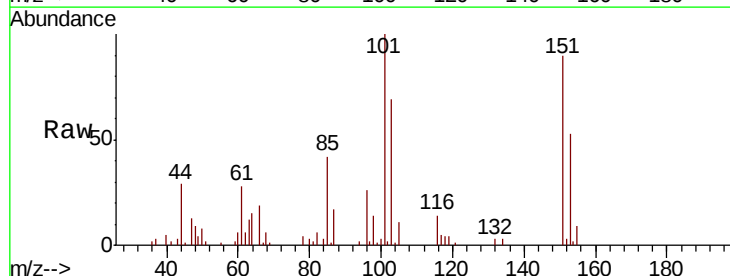
Tgt Ion:101 Resp: 10978

Ion Ratio Lower Upper

101 100

85 43.4 34.2 51.4

151 82.6 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

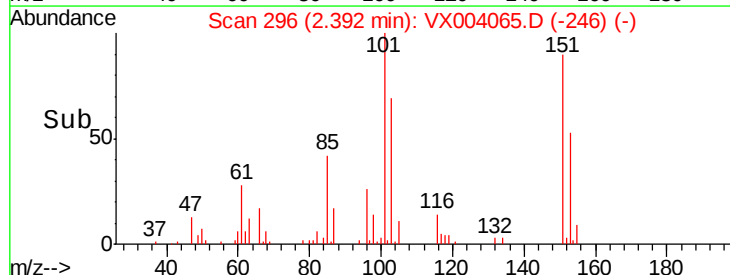
6000

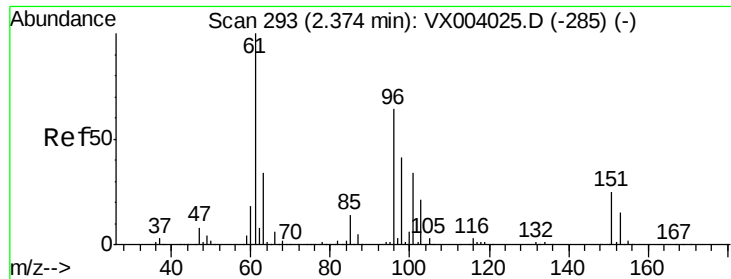
4000

2000

0

Time--> 2.30 2.35 2.40 2.45





#12

1,1-Dichloroethene

Concen: 1.25 ug/l

RT: 2.38 min Scan# 294

Delta R.T. 0.01 min

Lab File: VX004065.D

Acq: 15 Aug 2018 08:19

Instrument :

MSVOA_X

ClientSampleId :

MW-287-SRI3

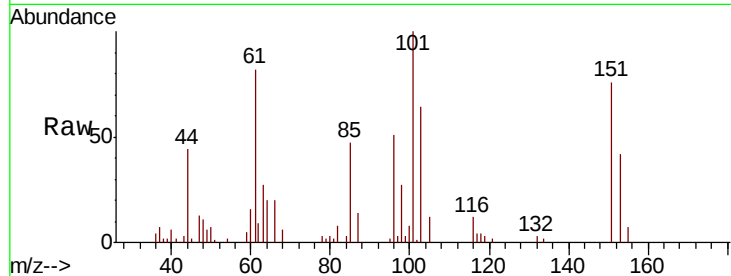
Tot Ion: 96 Resp: 3336

Ion Ratio Lower Upper

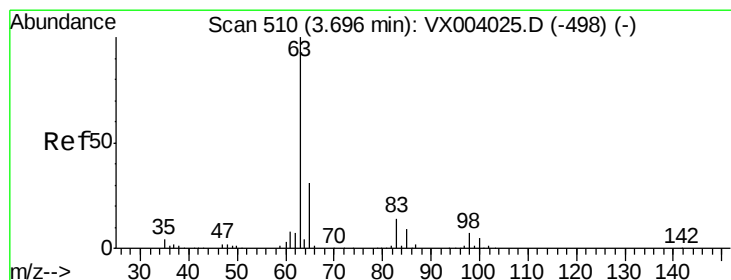
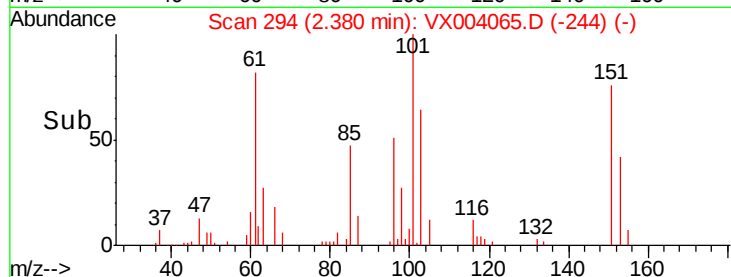
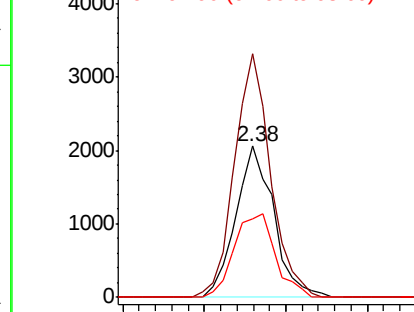
96 100

61 161.0 131.3 196.9

98 52.0 51.8 77.6



Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



#24

1,1-Dichloroethane

Concen: 2.04 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.01 min

Lab File: VX004065.D

Acq: 15 Aug 2018 08:19

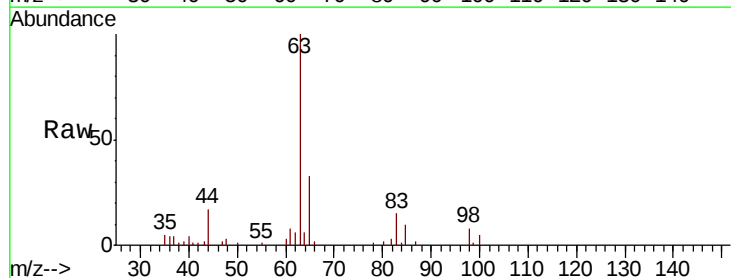
Tgt Ion: 63 Resp: 11509

Ion Ratio Lower Upper

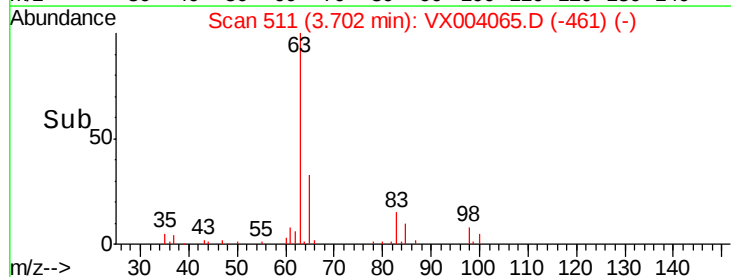
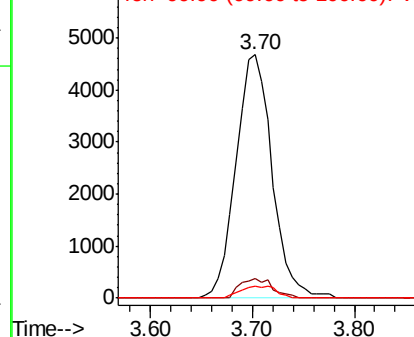
63 100

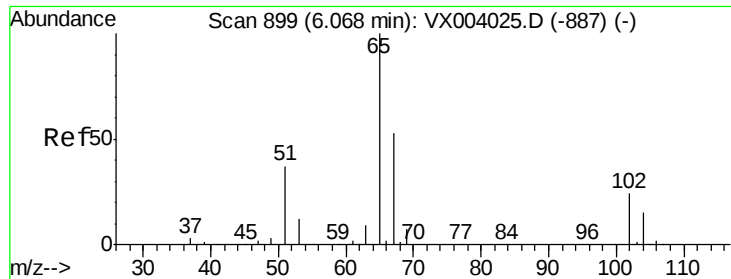
98 7.8 3.5 10.5

100 4.9 2.3 6.8



Abundance Ion 62.90 (62.60 to 63.60): VX0
Ion 97.90 (97.60 to 98.60): VX0
Ion 99.90 (99.60 to 100.60): VX0

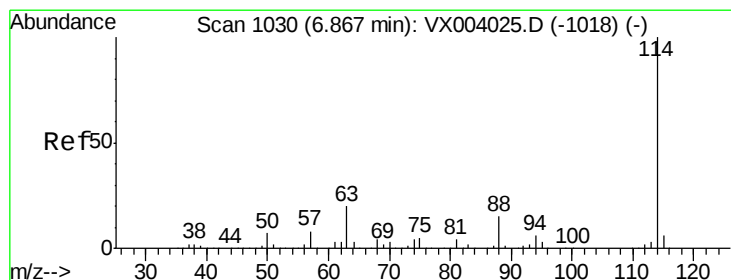
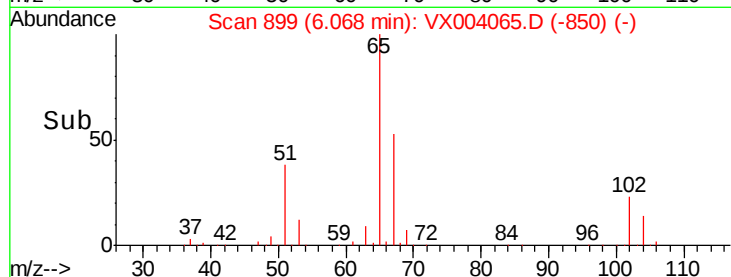
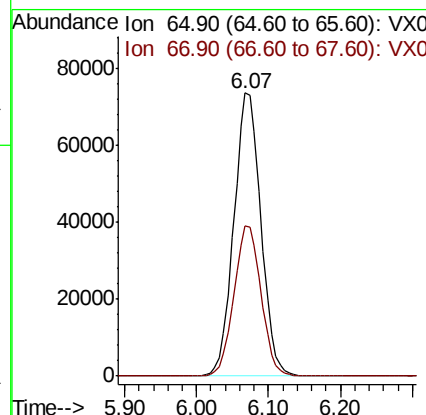
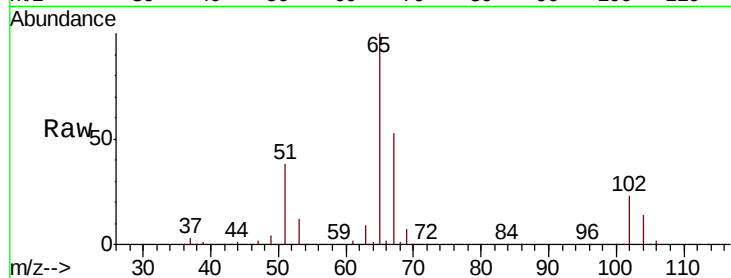




#33
 1,2-Dichloroethane-d4
 Concen: 53.61 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.00 min
 Lab File: VX004065.D
 Acq: 15 Aug 2018 08:19

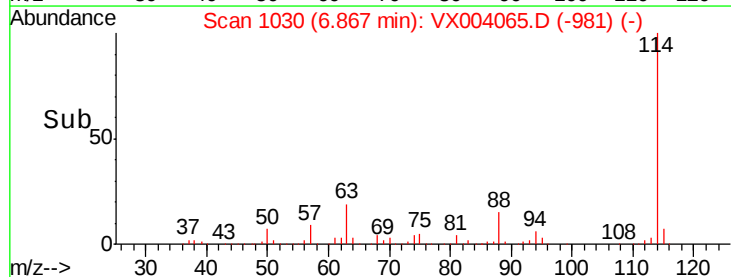
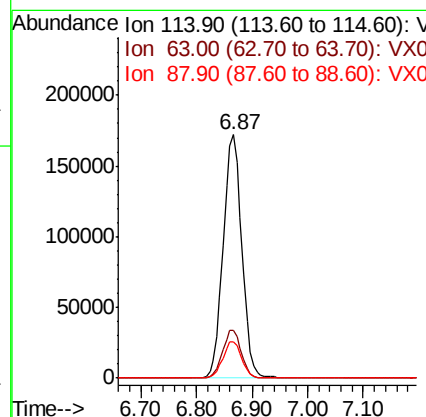
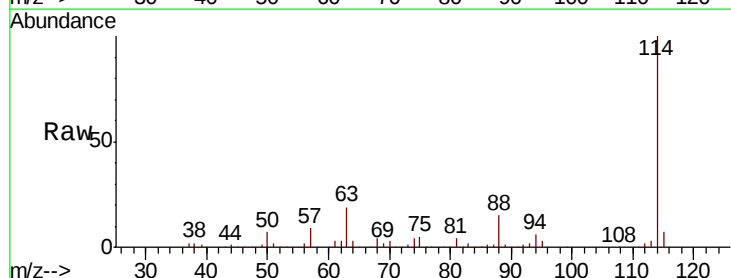
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-287-SRI3

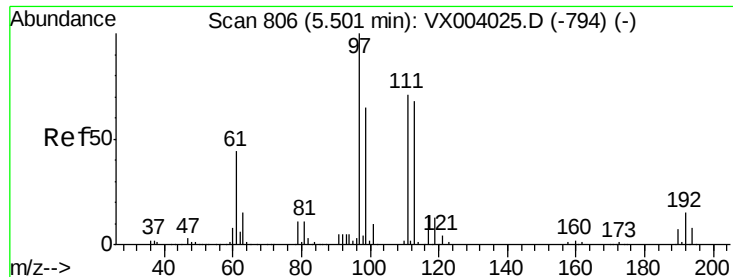
Tot Ion: 65 Resp: 191430
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX004065.D
 Acq: 15 Aug 2018 08:19

Tgt Ion: 114 Resp: 400031
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 39.0
 88 15.0 0.0 32.0

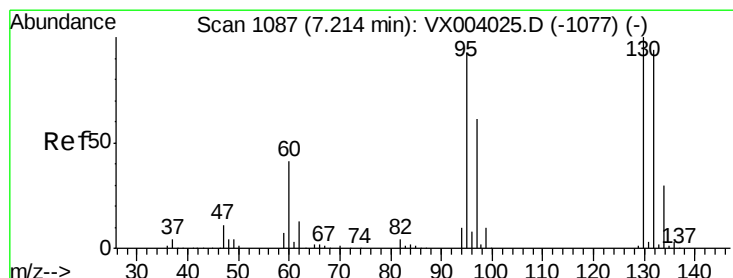
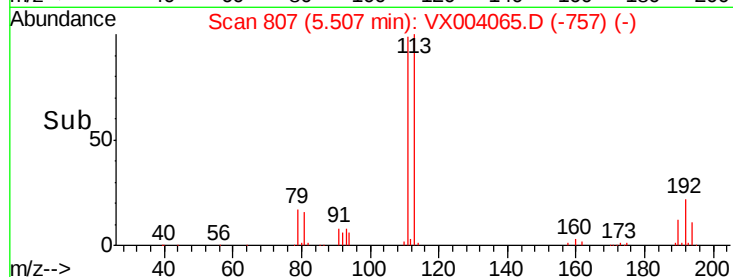
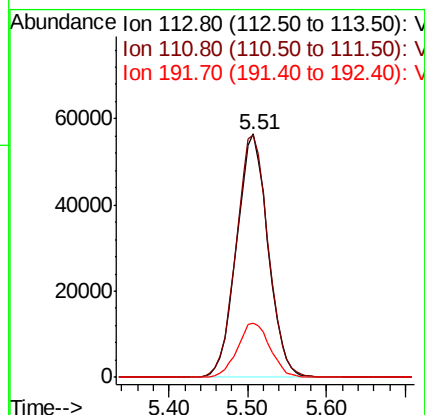
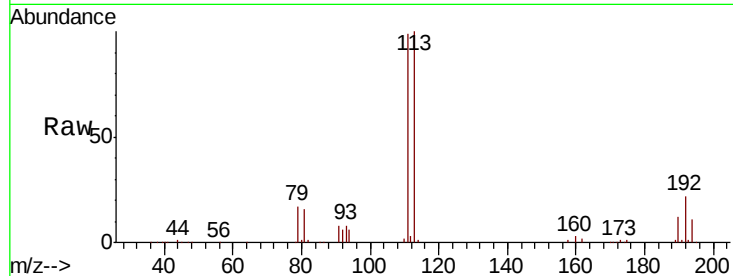




#35
 Dibromofluoromethane
 Concen: 52.29 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.01 min
 Lab File: VX004065.D
 Acq: 15 Aug 2018 08:19

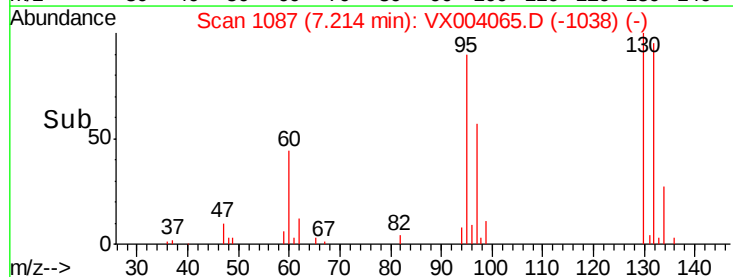
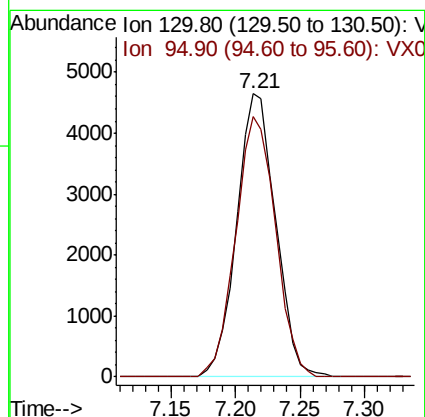
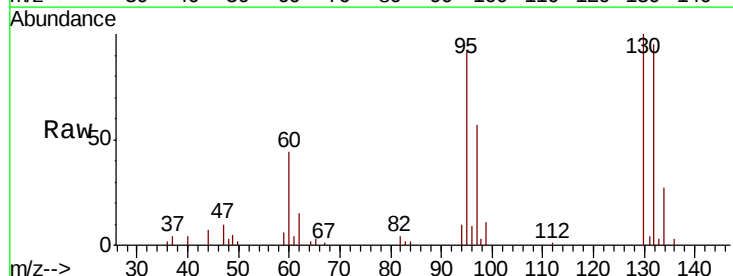
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-287-SRI3

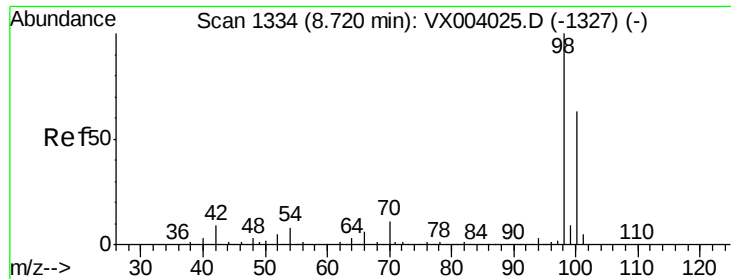
Tot Ion:113 Resp: 156551
 Ion Ratio Lower Upper
 113 100
 111 101.6 82.0 123.0
 192 23.0 19.0 28.4



#44
 Trichloroethene
 Concen: 2.62 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: VX004065.D
 Acq: 15 Aug 2018 08:19

Tgt Ion:130 Resp: 9736
 Ion Ratio Lower Upper
 130 100
 95 92.0 0.0 199.4





#50

Toluene-d8

Concen: 47.33 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX004065.D

Acq: 15 Aug 2018 08:19

Instrument :

MSVOA_X

ClientSampleId :

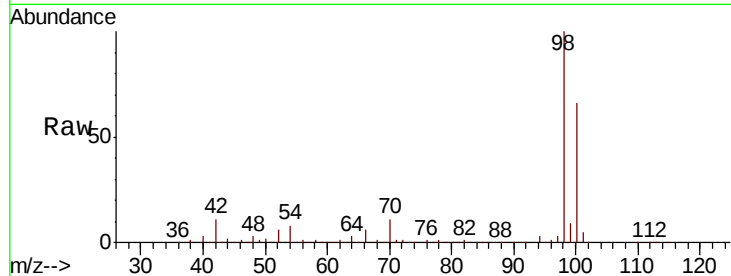
MW-287-SRI3

Tot Ion: 98 Resp: 574544

Ion Ratio Lower Upper

98 100

100 65.3 53.3 79.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.72

400000

300000

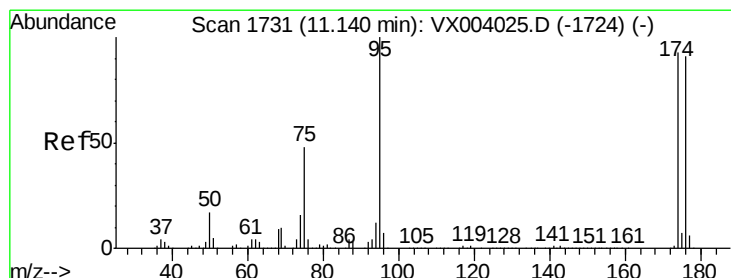
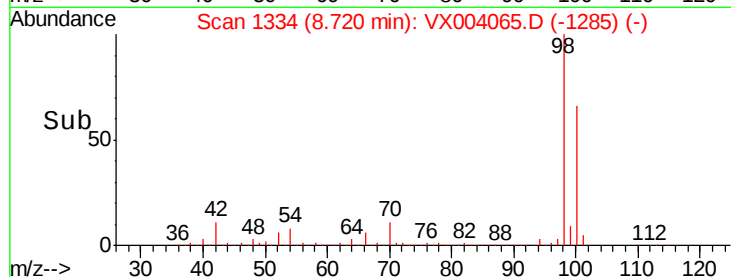
200000

100000

0

Time-->

8.60 8.70 8.80 8.90



#62

4-Bromofluorobenzene

Concen: 44.03 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX004065.D

Acq: 15 Aug 2018 08:19

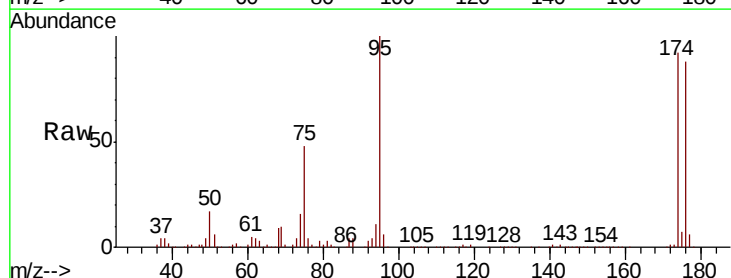
Tgt Ion: 95 Resp: 193849

Ion Ratio Lower Upper

95 100

174 92.1 0.0 182.8

176 87.5 0.0 179.0



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

11.14

200000

150000

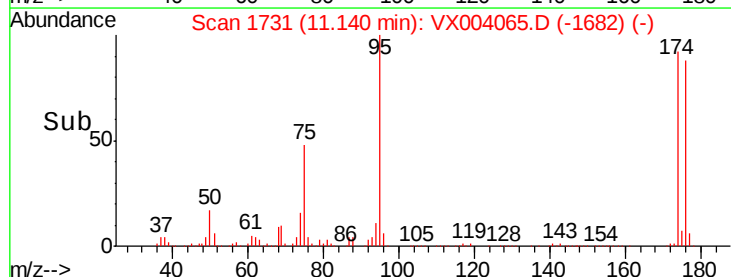
100000

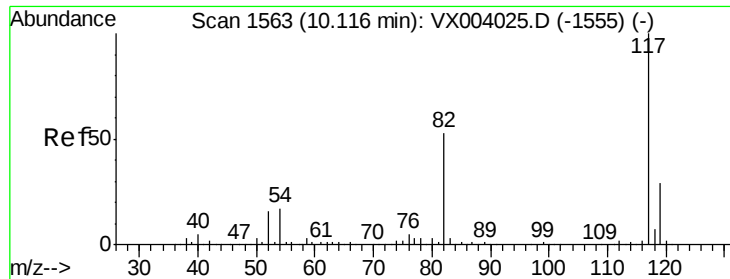
50000

0

Time-->

11.10 11.20

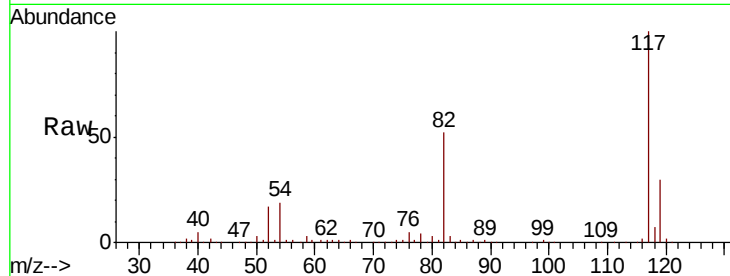




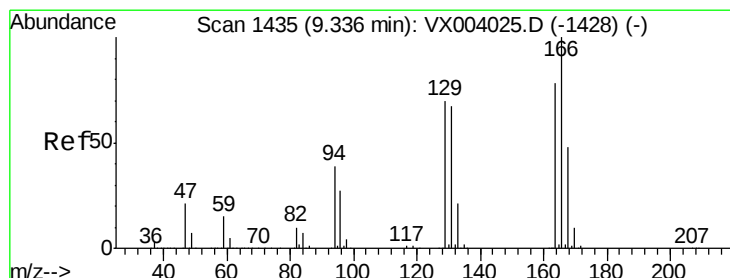
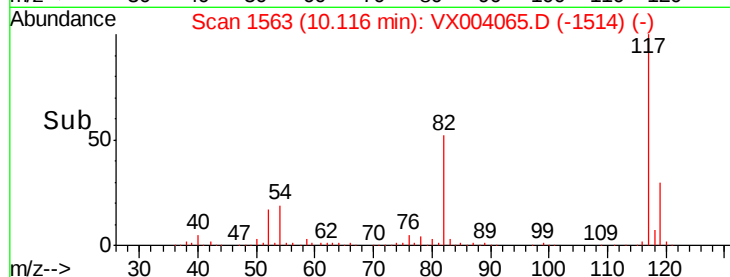
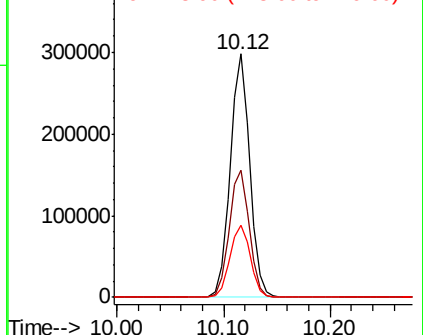
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX004065.D
Acq: 15 Aug 2018 08:19

Instrument :
MSVOA_X
ClientSampleId :
MW-287-SRI3

Tot Ion:117 Resp: 384705
Ion Ratio Lower Upper
117 100
82 52.1 45.4 68.0
119 29.6 26.6 40.0

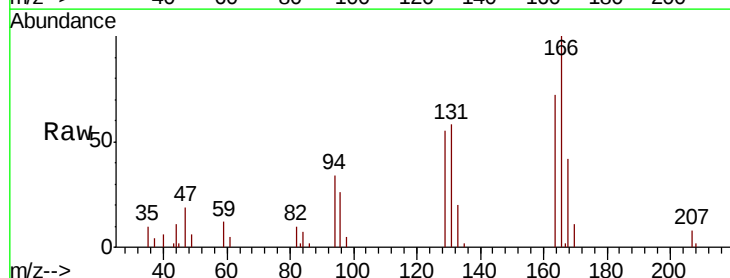


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

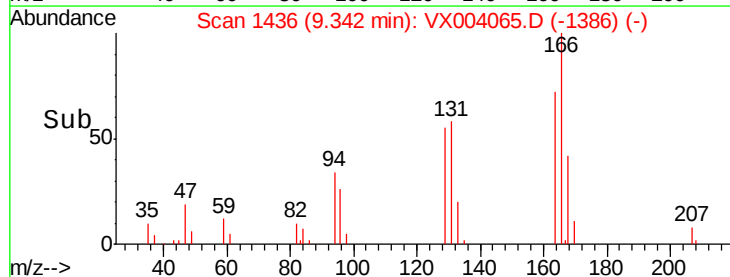
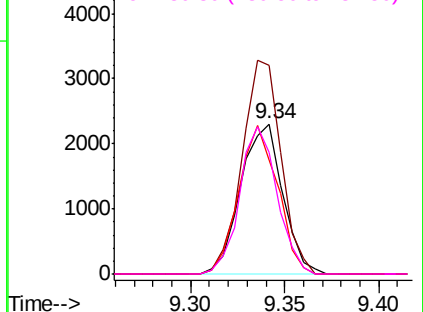


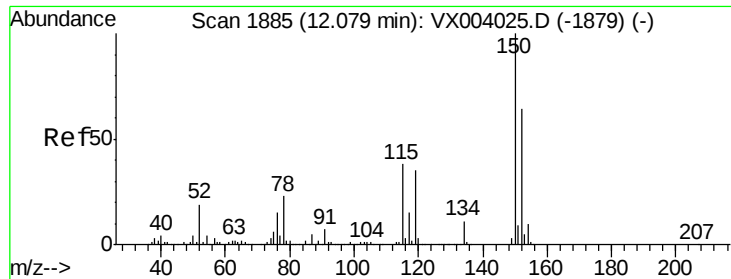
#64
Tetrachloroethene
Concen: 0.98 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.01 min
Lab File: VX004065.D
Acq: 15 Aug 2018 08:19

Tgt Ion:164 Resp: 3564
Ion Ratio Lower Upper
164 100
166 138.8 98.0 147.0
129 75.7 64.3 96.5
131 81.1 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

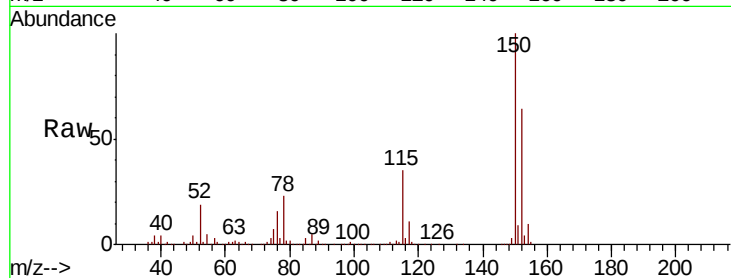




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.08 min Scan# 1885
 Delta R.T. -0.00 min
 Lab File: VX004065.D
 Acq: 15 Aug 2018 08:19

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-287-SRI3

Tot Ion	Ratio	Lower	Upper
152	100		
115	53.9	39.1	117.3
150	156.7	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

