

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081518\
 Data File : VX004087.D
 Acq On : 15 Aug 2018 21:48
 Operator : JC/MD
 Sample : J4439-20
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-293-SRI3

Quant Time: Aug 16 07:02:40 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

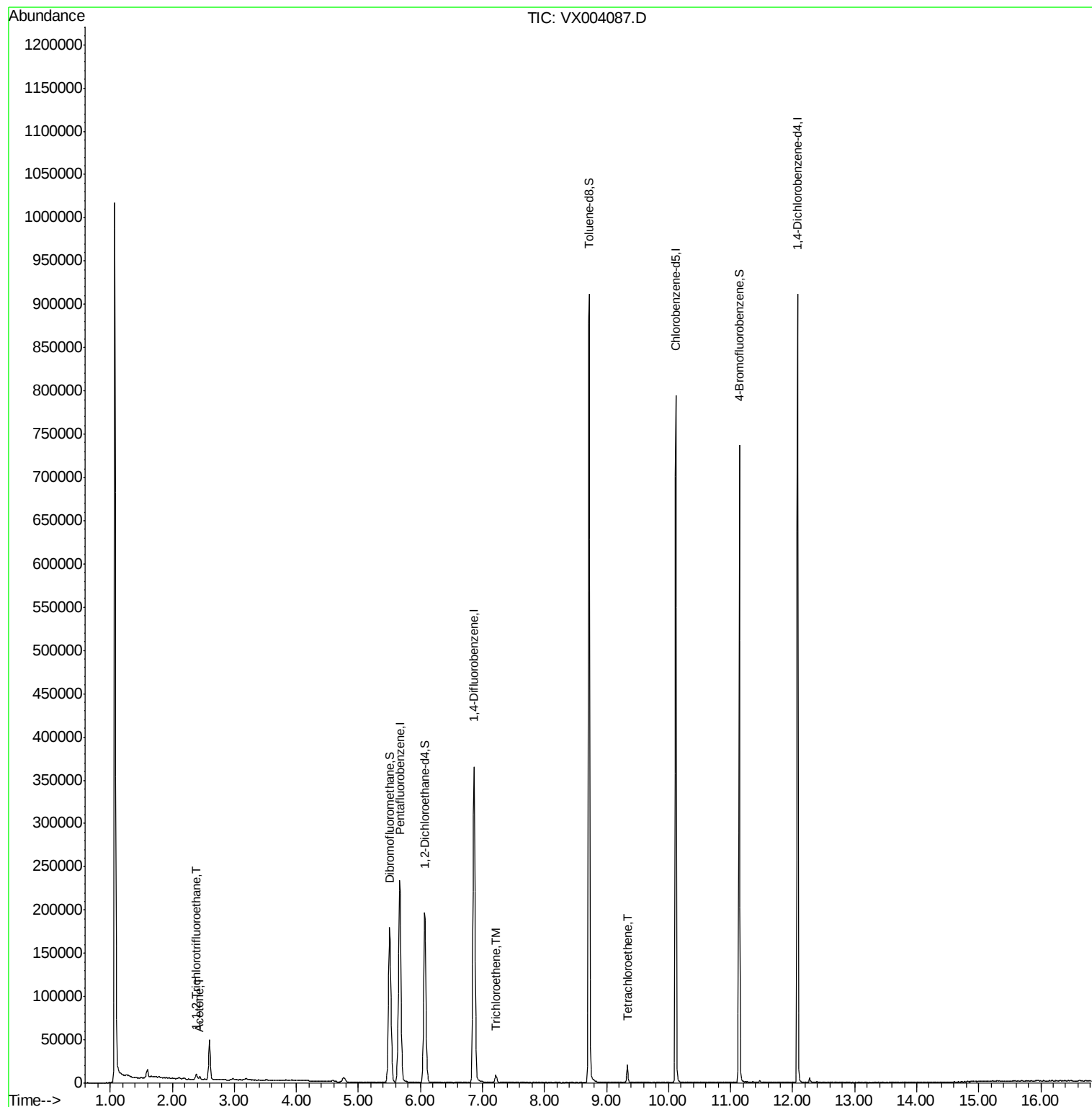
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	235113	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	374001	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	364611	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	187888	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	181407	54.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.52%	
35) Dibromofluoromethane	5.50	113	153074	54.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.38%	
50) Toluene-d8	8.72	98	541161	47.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.36%	
62) 4-Bromofluorobenzene	11.14	95	181280	44.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.08%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	2.39	101	2347	0.88	ug/l	99
16) Acetone	2.44	43	3226	1.87	ug/l #	87
44) Trichloroethene	7.22	130	3418	0.99	ug/l	82
64) Tetrachloroethene	9.34	164	4071	1.18	ug/l #	82

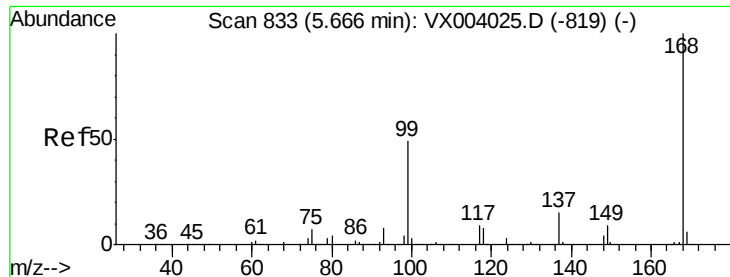
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX004087.D

Acq: 15 Aug 2018 21:48

Instrument :

MSVOA_X

ClientSampleId :

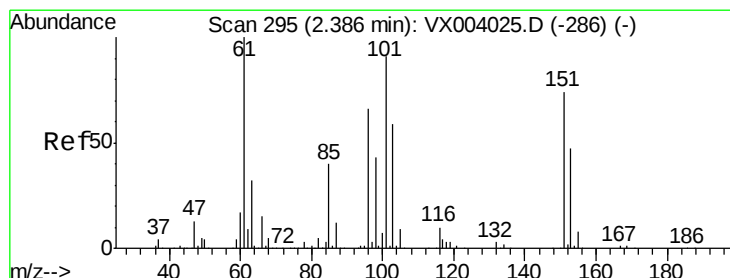
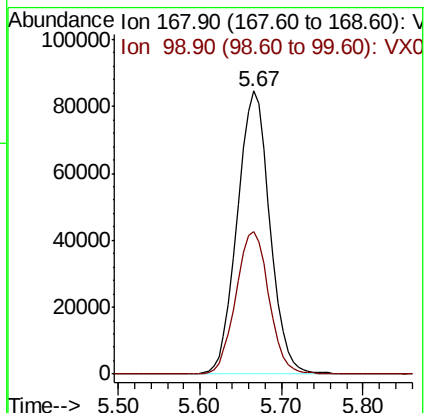
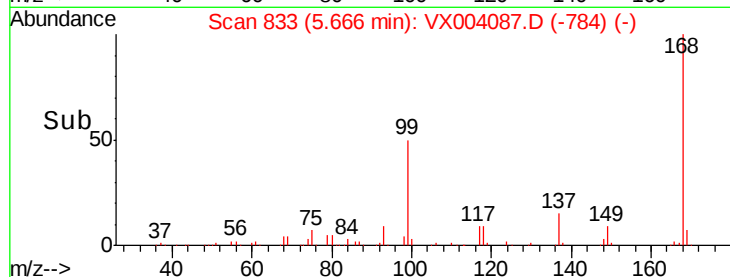
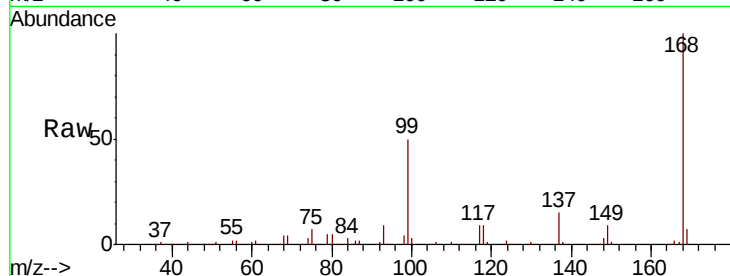
MW-293-SRI3

Tot Ion:168 Resp: 235113

Ion Ratio Lower Upper

168 100

99 50.3 40.1 60.1



#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.88 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX004087.D

Acq: 15 Aug 2018 21:48

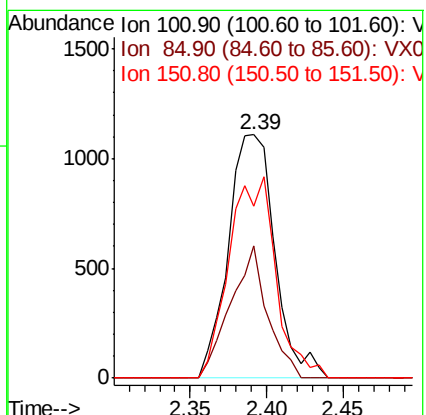
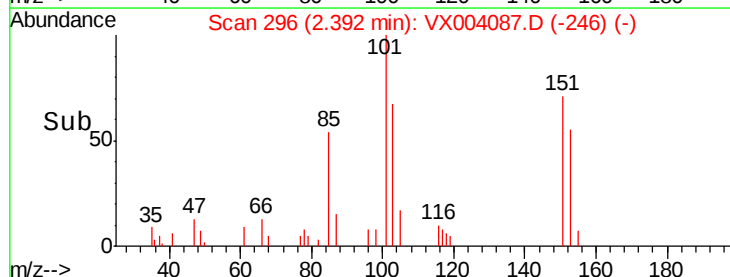
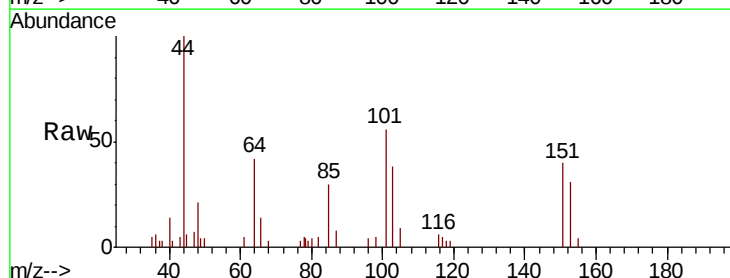
Tgt Ion:101 Resp: 2347

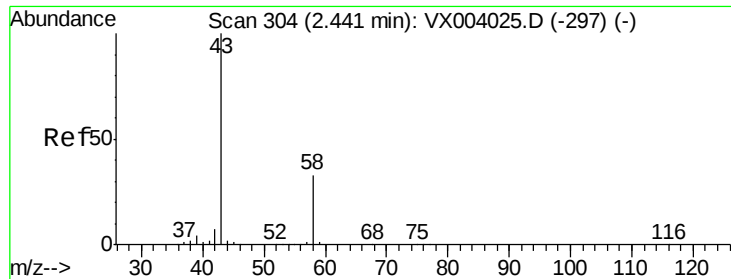
Ion Ratio Lower Upper

101 100

85 42.9 34.2 51.4

151 82.6 65.0 97.4





#16

Acetone

Concen: 1.87 ug/l

RT: 2.44 min Scan# 304

Delta R.T. -0.00 min

Lab File: VX004087.D

Acq: 15 Aug 2018 21:48

Instrument :

MSVOA_X

ClientSampleId :

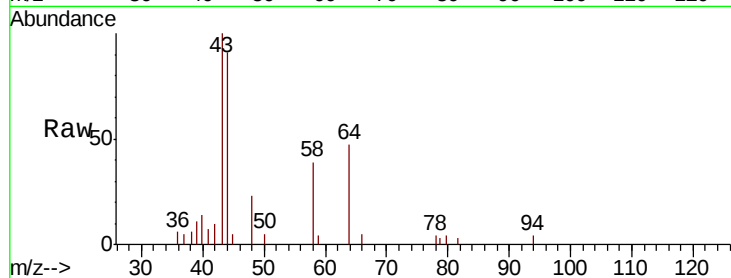
MW-293-SRI3

Tot Ion: 43 Resp: 3226

Ion Ratio Lower Upper

43 100

58 40.2 26.4 39.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.44

2000

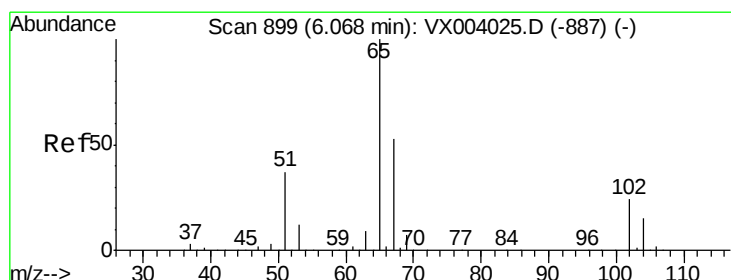
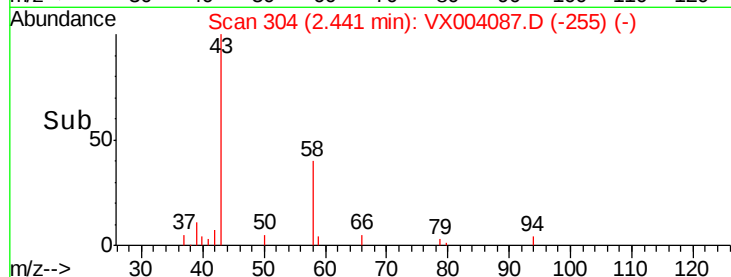
1500

1000

500

0

Time--> 2.35 2.40 2.45 2.50



#33

1,2-Dichloroethane-d4

Concen: 54.76 ug/l

RT: 6.07 min Scan# 899

Delta R.T. -0.00 min

Lab File: VX004087.D

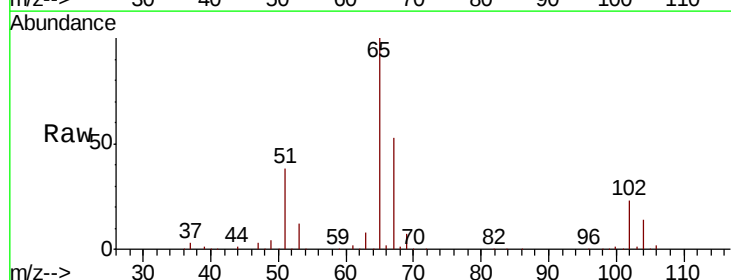
Acq: 15 Aug 2018 21:48

Tgt Ion: 65 Resp: 181407

Ion Ratio Lower Upper

65 100

67 52.6 0.0 105.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

80000

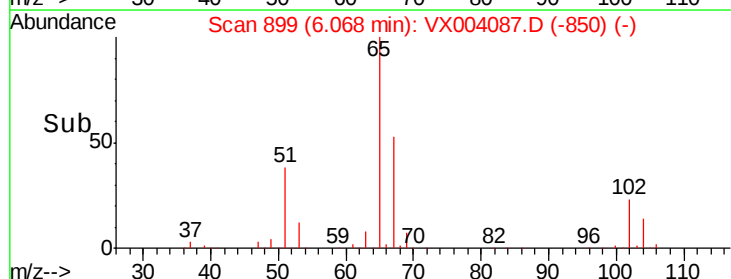
60000

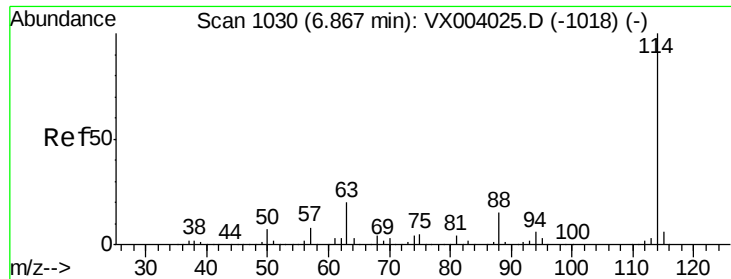
40000

20000

0

Time--> 5.90 6.00 6.10 6.20

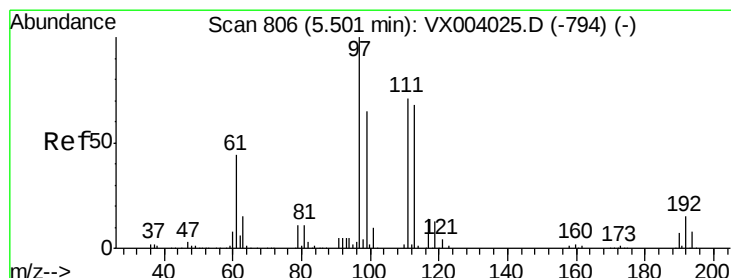
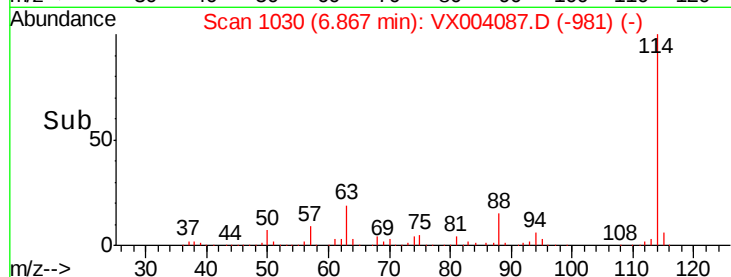
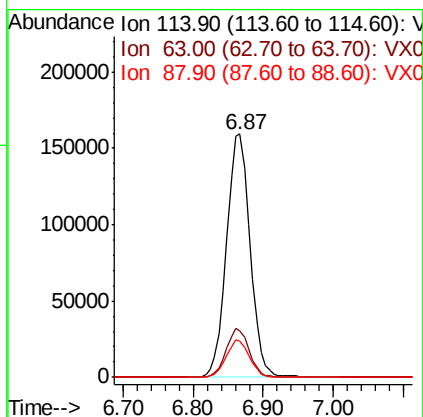
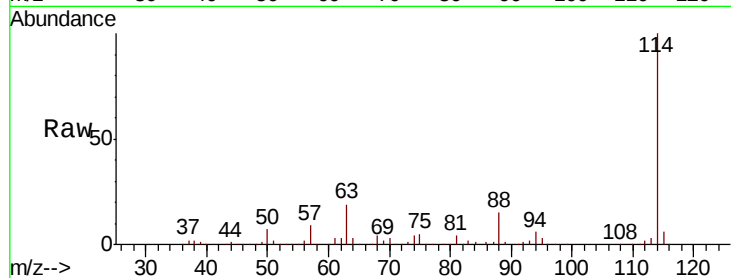




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX004087.D
 Acq: 15 Aug 2018 21:48

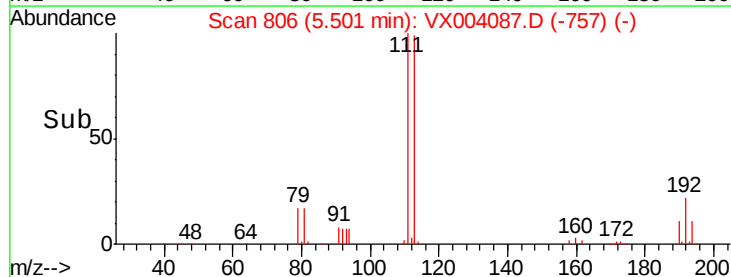
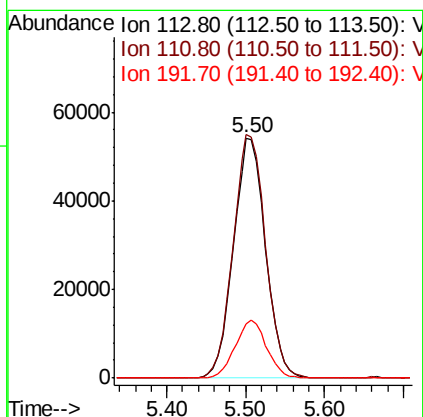
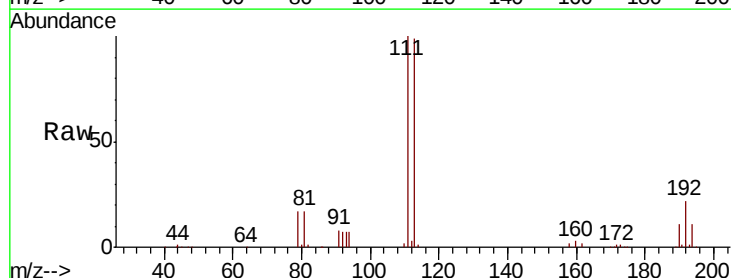
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-293-SRI3

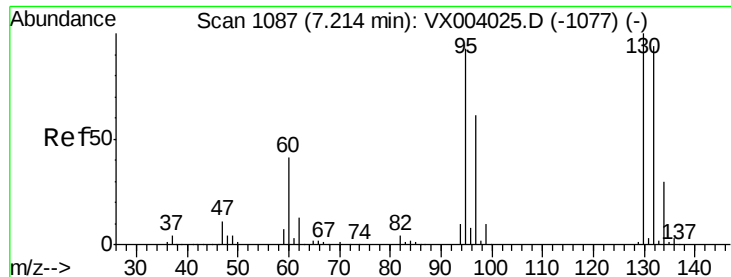
Tot Ion:114 Resp: 374001
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 39.0
 88 15.0 0.0 32.0



#35
 Dibromofluoromethane
 Concen: 54.69 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX004087.D
 Acq: 15 Aug 2018 21:48

Tgt Ion:113 Resp: 153074
 Ion Ratio Lower Upper
 113 100
 111 102.6 82.0 123.0
 192 23.6 19.0 28.4

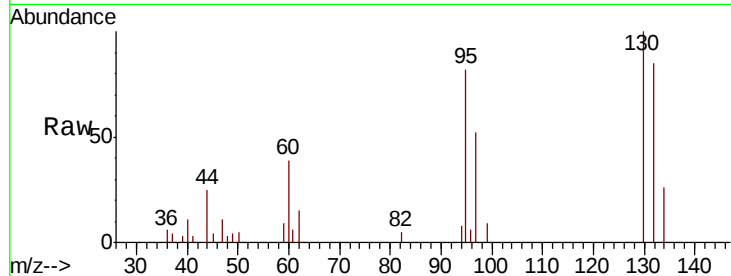




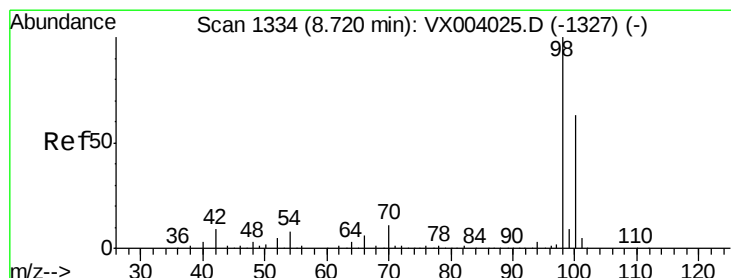
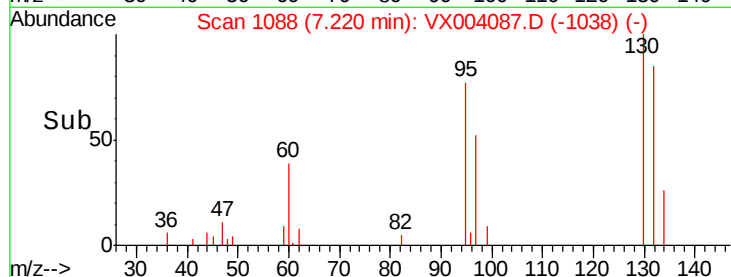
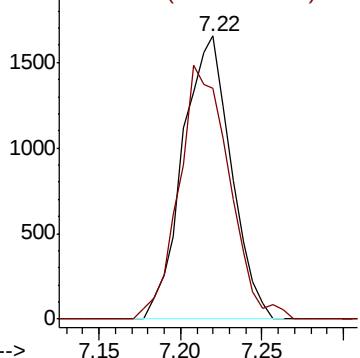
#44
 Trichloroethene
 Concen: 0.99 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.01 min
 Lab File: VX004087.D
 Acq: 15 Aug 2018 21:48

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-293-SRI3

Tot Ion:130 Resp: 3418
 Ion Ratio Lower Upper
 130 100
 95 81.8 0.0 199.4

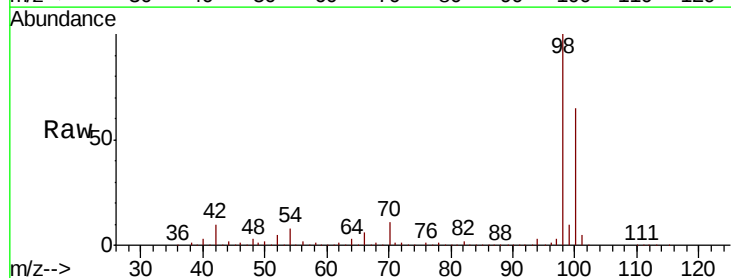


Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0

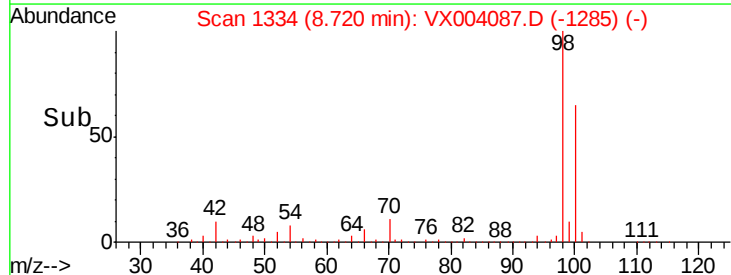
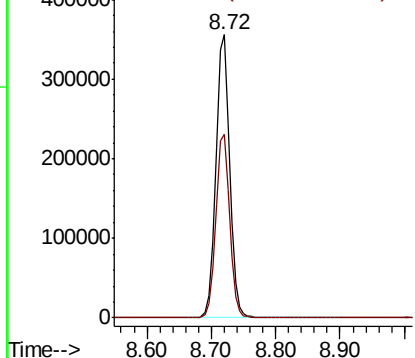


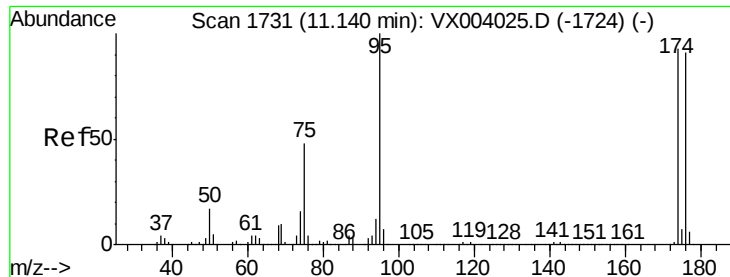
#50
 Toluene-d8
 Concen: 47.68 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. -0.00 min
 Lab File: VX004087.D
 Acq: 15 Aug 2018 21:48

Tgt Ion: 98 Resp: 541161
 Ion Ratio Lower Upper
 98 100
 100 65.1 53.3 79.9



Abundance Ion 98.00 (97.70 to 98.70): VX0
 Ion 100.00 (99.70 to 100.70): V

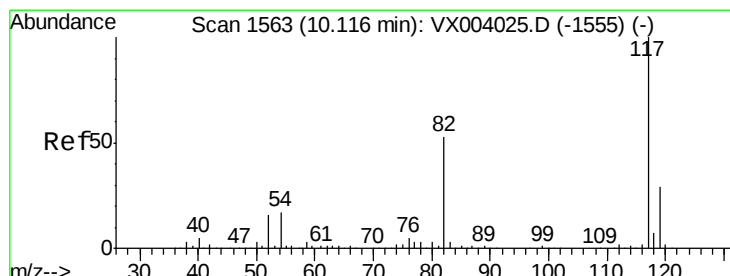
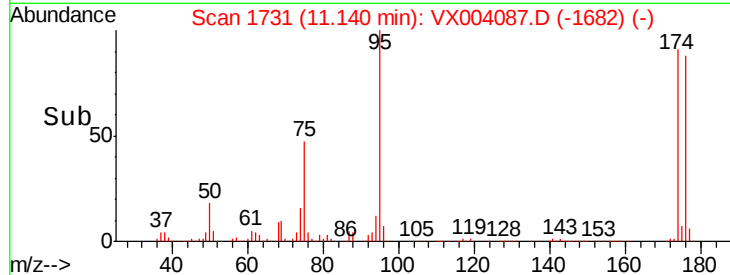
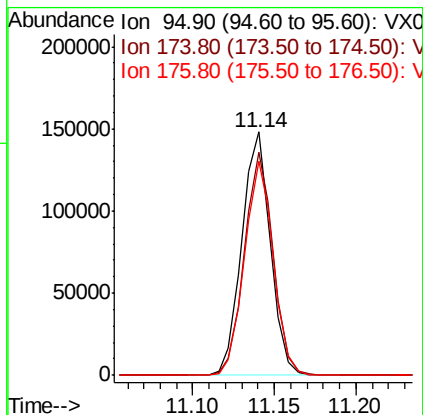
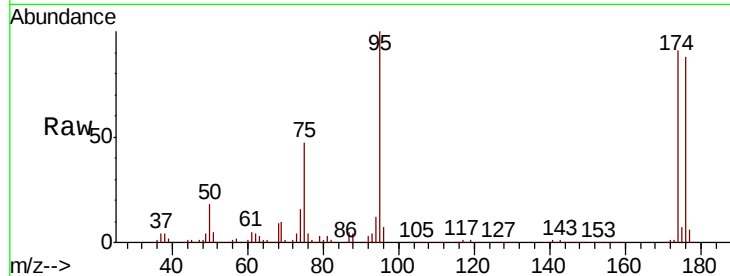




#62
4-Bromofluorobenzene
Concen: 44.04 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX004087.D
Acq: 15 Aug 2018 21:48

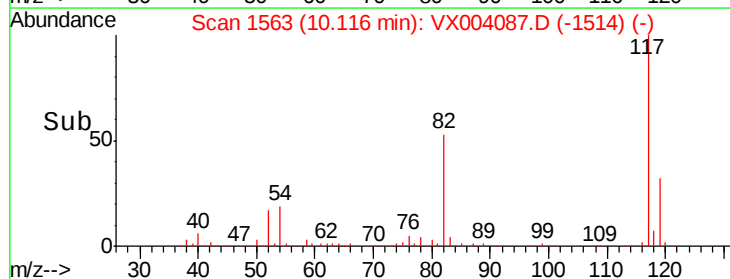
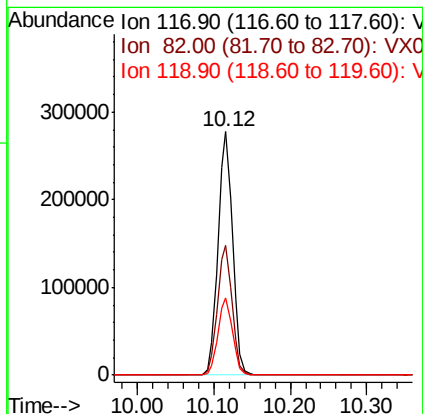
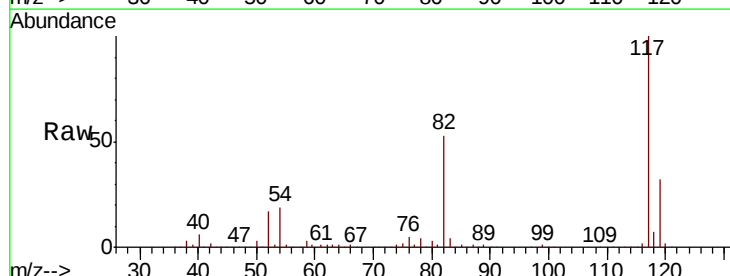
Instrument :
MSVOA_X
ClientSampleId :
MW-293-SRI3

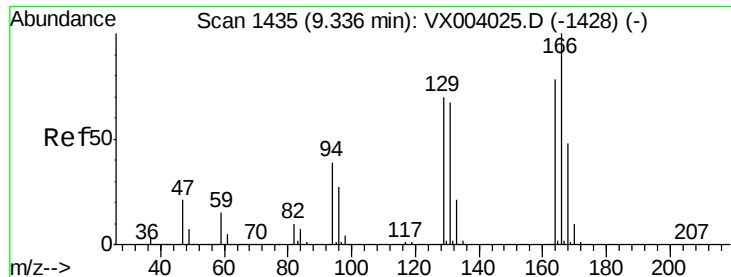
Tot Ion	95	Resp	181280
Ion Ratio	100		
Lower		0.0	
Upper		182.8	
174	92.4		
176	88.9		
		0.0	179.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX004087.D
Acq: 15 Aug 2018 21:48

Tgt Ion	117	Resp	364611
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower		45.4	
Upper		68.0	
82	53.4		
119	31.7		
		26.6	40.0

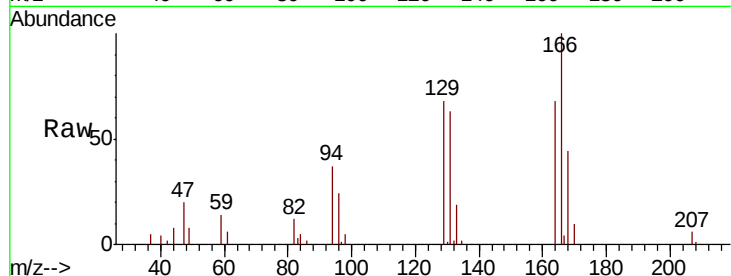




#64
Tetrachloroethene
Concen: 1.18 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.00 min
Lab File: VX004087.D
Acq: 15 Aug 2018 21:48

Instrument :
MSVOA_X
ClientSampleId :
MW-293-SRI3

Tot Ion	Ratio	Lower	Upper
164	100		
166	147.2	98.0	147.0#
129	99.9	64.3	96.5#
131	92.0	66.8	100.2



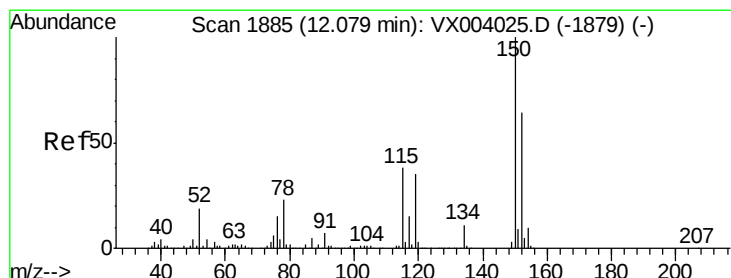
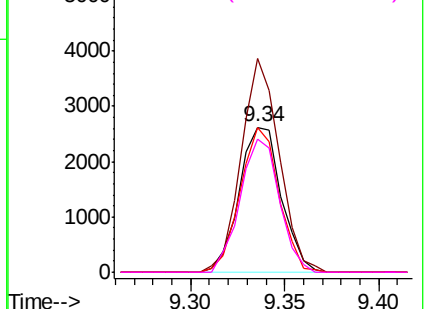
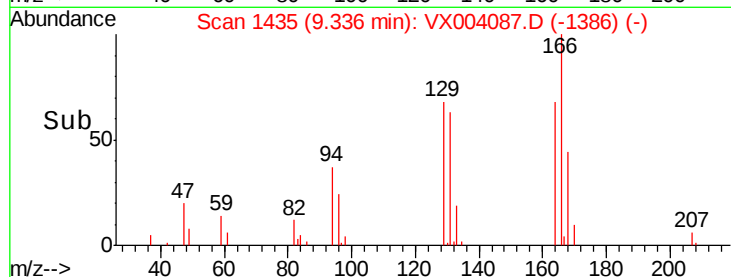
Abundance

Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

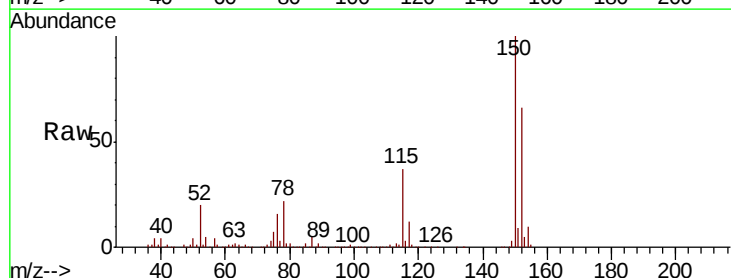
Ion 128.80 (128.50 to 129.50): V

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: VX004087.D
Acq: 15 Aug 2018 21:48

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.3	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

