

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081518\
 Data File : VX004101.D
 Acq On : 16 Aug 2018 04:54
 Operator : JC/MD
 Sample : J4495-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW612-180814

Quant Time: Aug 16 16:46:39 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

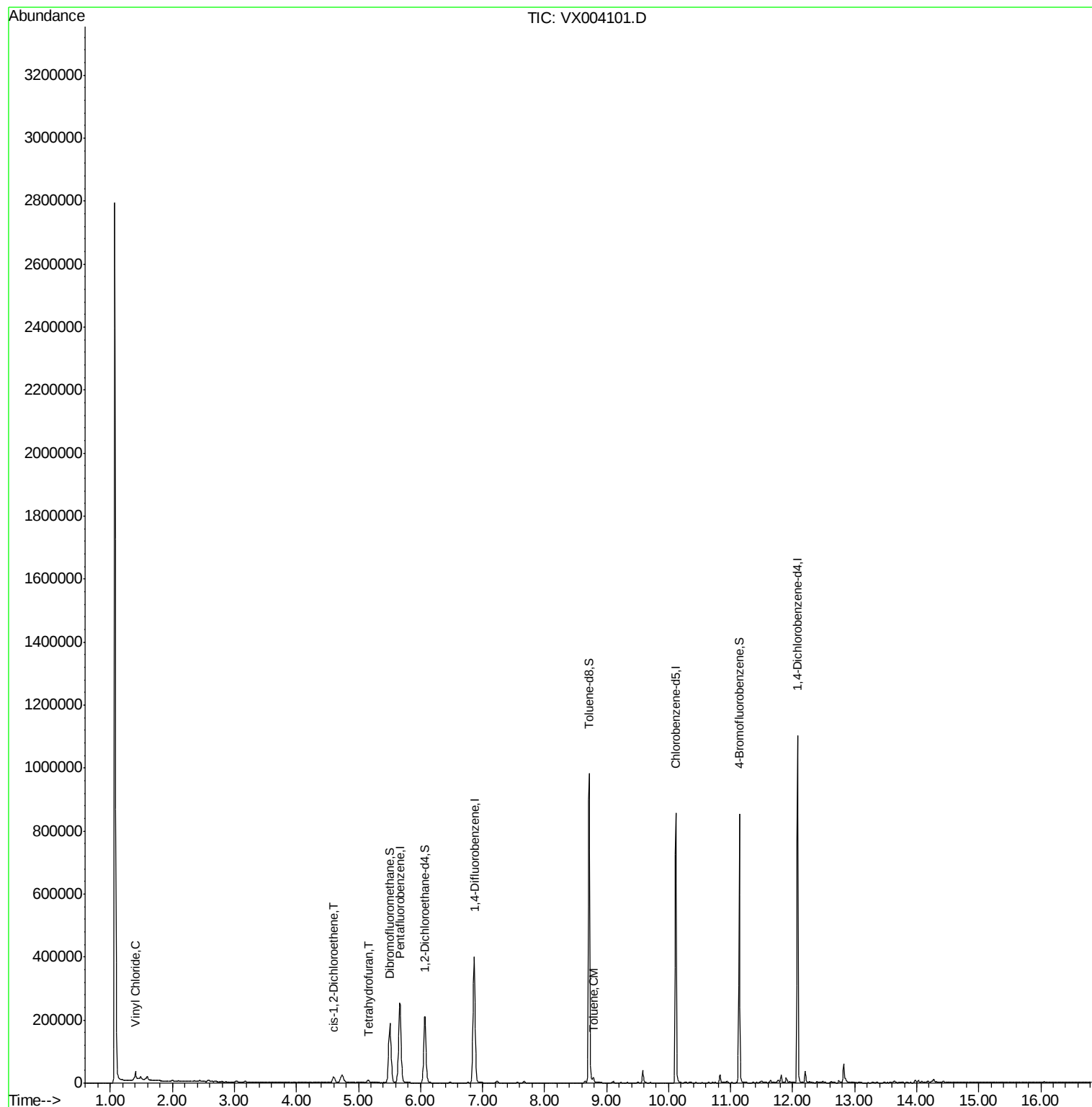
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	257550	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	404534	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	400795	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	227570	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	195637	53.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.82%	
35) Dibromofluoromethane	5.51	113	158911	52.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.98%	
50) Toluene-d8	8.72	98	587649	47.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.74%	
62) 4-Bromofluorobenzene	11.14	95	208209	46.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.54%	
Target Compounds						
4) Vinyl Chloride	1.41	62	14682	4.41	ug/l	# 81
27) cis-1,2-Dichloroethene	4.60	96	11743	3.39	ug/l	99
29) Tetrahydrofuran	5.17	42	6702	4.27	ug/l	95
52) Toluene	8.79	92	4185	0.48	ug/l	99

(#) = 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# 834

Delta R.T. 0.01 min

Lab File: VX004101.D

Acq: 16 Aug 2018 04:54

Instrument :

MSVOA_X

ClientSampleId :

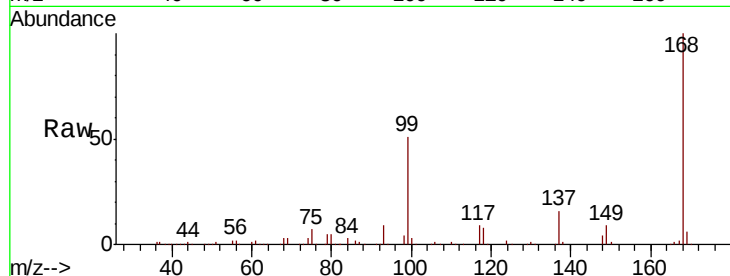
SS050MW612-180814

Tot Ion:168 Resp: 257550

Ion Ratio Lower Upper

168 100

99 51.5 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

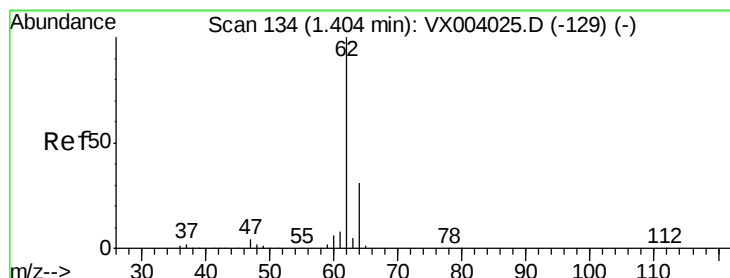
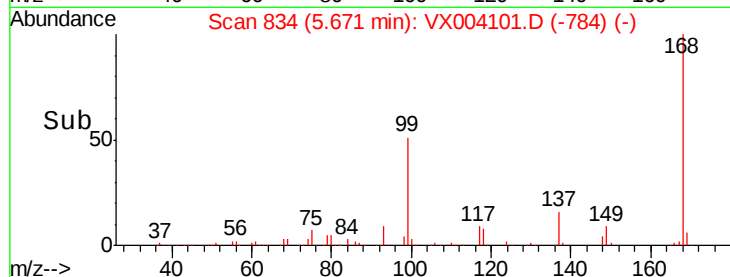
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#4

Vinyl Chloride

Concen: 4.41 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX004101.D

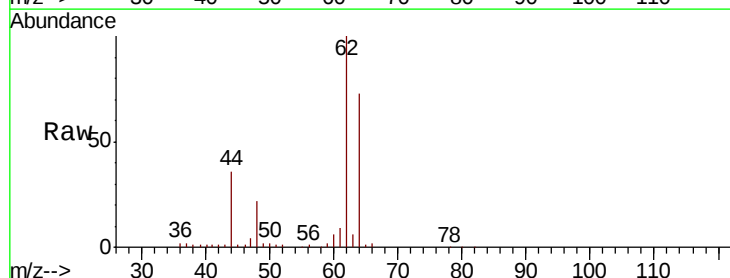
Acq: 16 Aug 2018 04:54

Tgt Ion: 62 Resp: 14682

Ion Ratio Lower Upper

62 100

64 43.4 26.0 39.0#



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

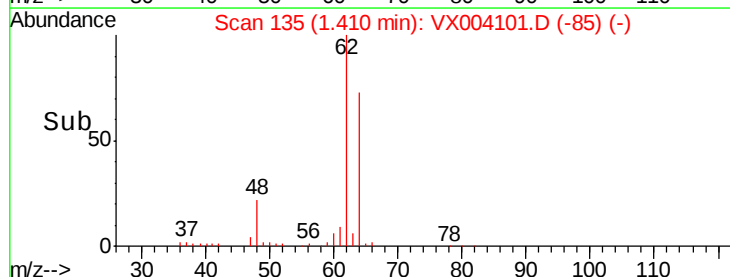
15000

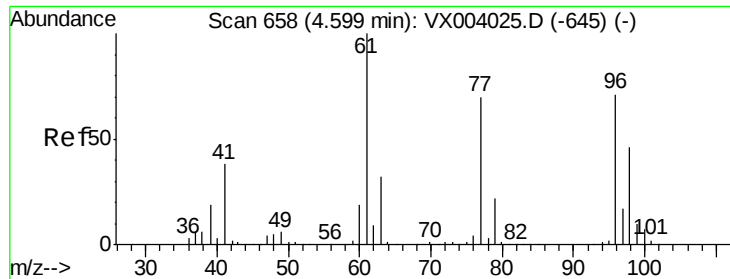
10000

5000

0

Time--> 1.35 1.40 1.45 1.50



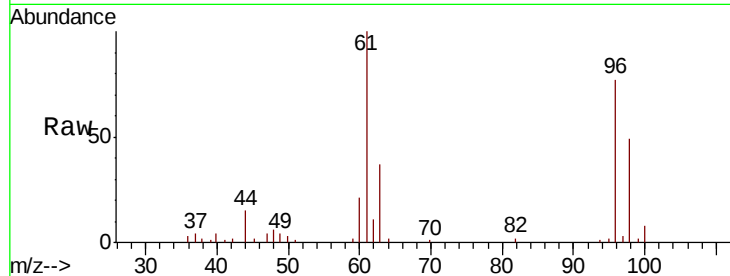


#27

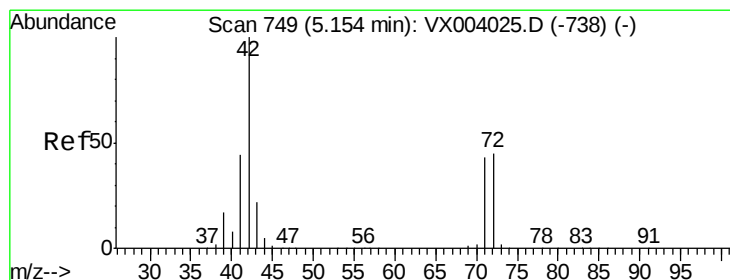
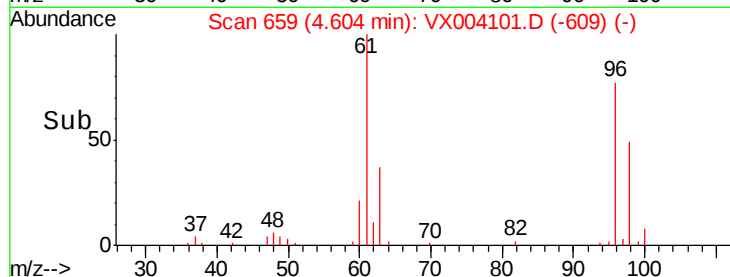
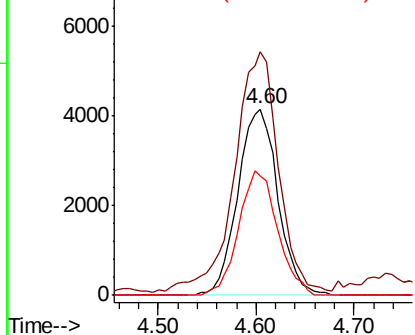
cis-1,2-Dichloroethene
 Concen: 3.39 ug/l
 RT: 4.60 min Scan# 659
 Delta R.T. 0.01 min
 Lab File: VX004101.D
 Acq: 16 Aug 2018 04:54

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW612-180814

Tot Ion: 96 Resp: 11743
 Ion Ratio Lower Upper
 96 100
 61 147.4 0.0 293.0
 98 65.1 0.0 131.8



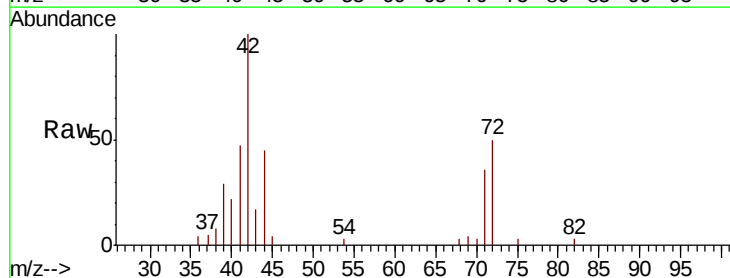
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



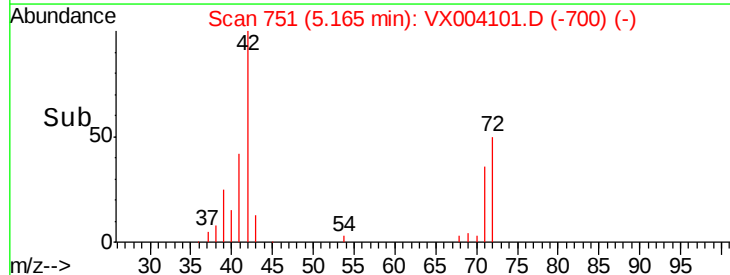
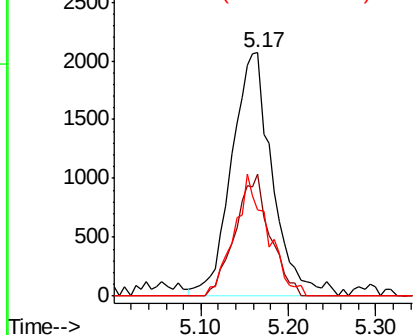
#29

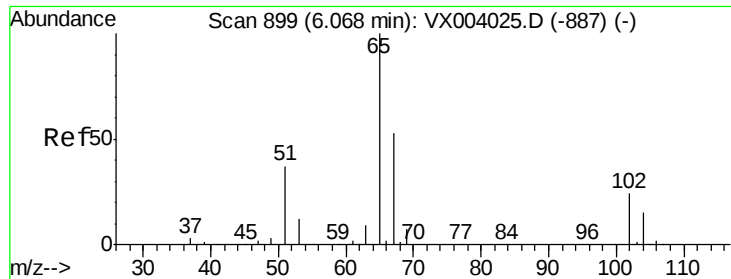
Tetrahydrofuran
 Concen: 4.27 ug/l
 RT: 5.17 min Scan# 751
 Delta R.T. 0.01 min
 Lab File: VX004101.D
 Acq: 16 Aug 2018 04:54

Tgt Ion: 42 Resp: 6702
 Ion Ratio Lower Upper
 42 100
 72 42.7 37.7 56.5
 71 41.2 35.0 52.6



Abundance Ion 42.00 (41.70 to 42.70): VX0
 Ion 72.00 (71.70 to 72.70): VX0
 Ion 71.00 (70.70 to 71.70): VX0

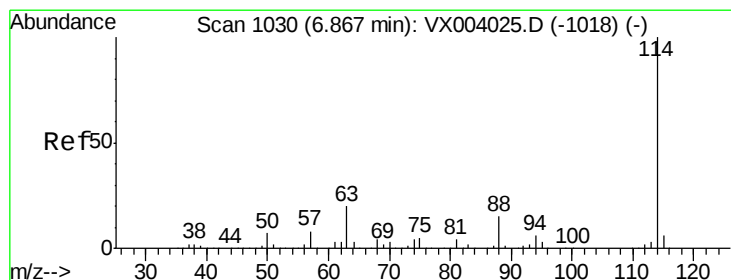
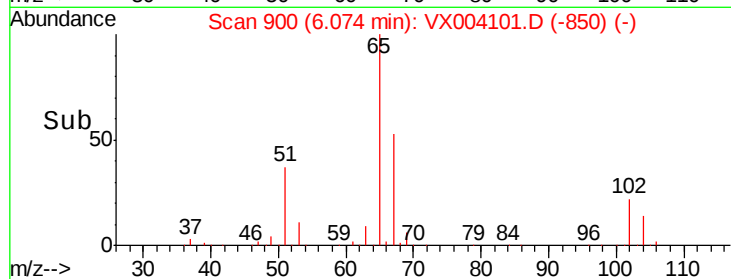
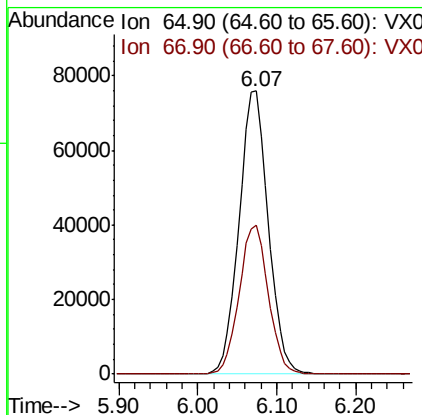
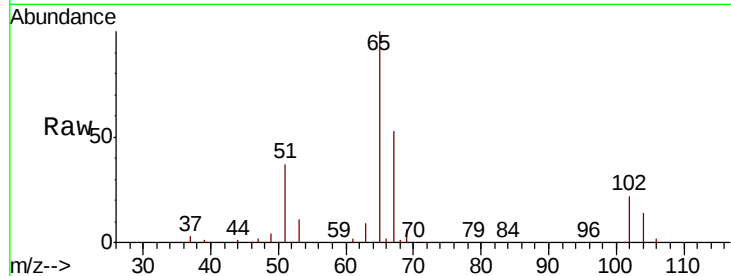




#33
 1,2-Dichloroethane-d4
 Concen: 53.91 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.01 min
 Lab File: VX004101.D
 Acq: 16 Aug 2018 04:54

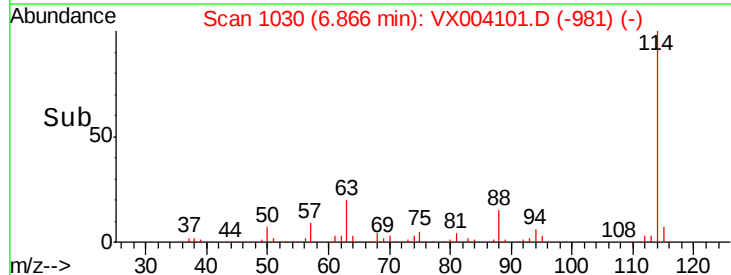
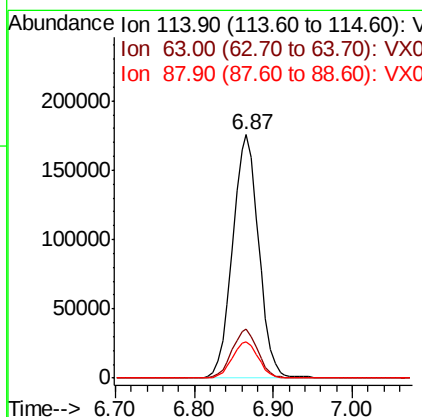
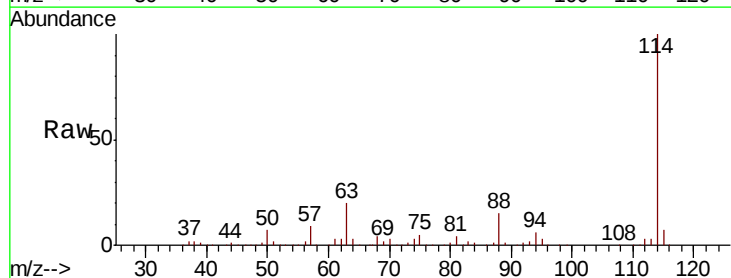
Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW612-180814

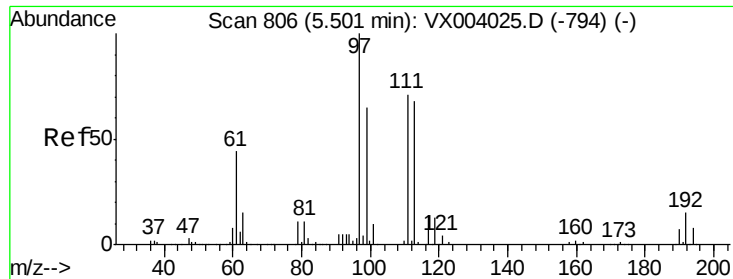
Tot Ion: 65 Resp: 195637
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX004101.D
 Acq: 16 Aug 2018 04:54

Tgt Ion: 114 Resp: 404534
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 39.0
 88 15.1 0.0 32.0

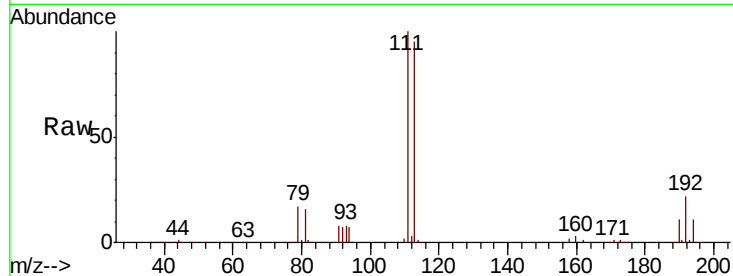




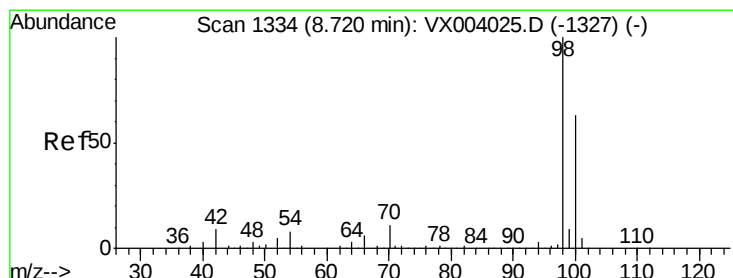
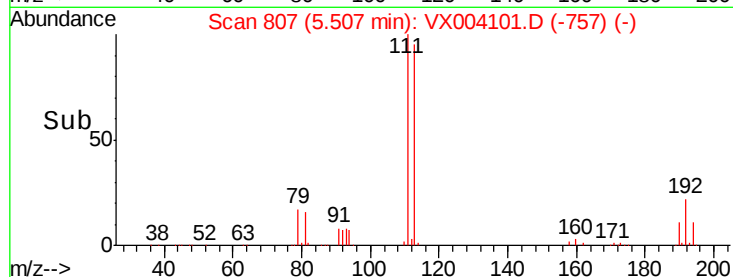
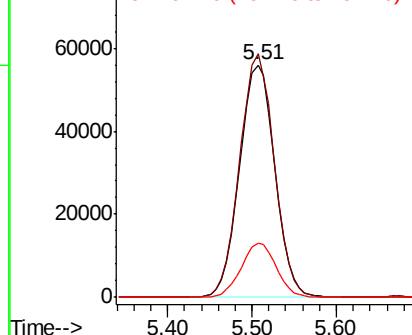
#35
 Dibromofluoromethane
 Concen: 52.49 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.01 min
 Lab File: VX004101.D
 Acq: 16 Aug 2018 04:54

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW612-180814

Tot Ion:113 Resp: 158911
 Ion Ratio Lower Upper
 113 100
 111 102.6 82.0 123.0
 192 23.1 19.0 28.4

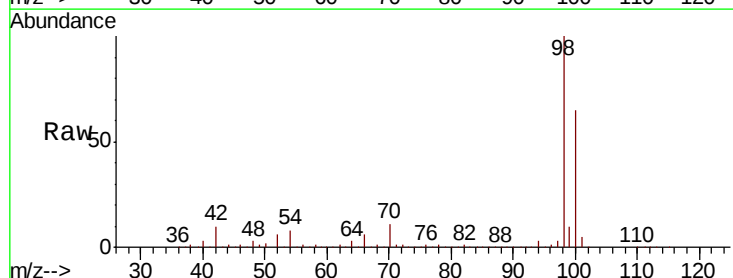


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

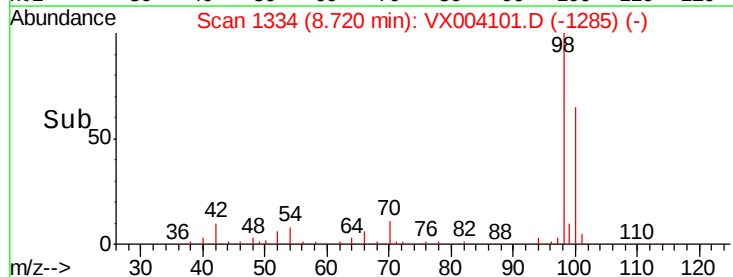
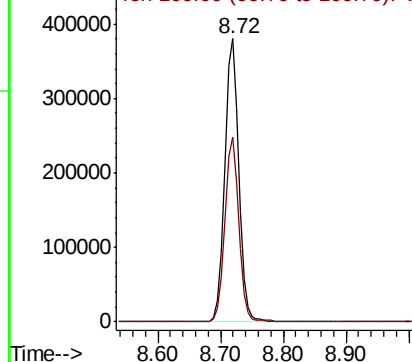


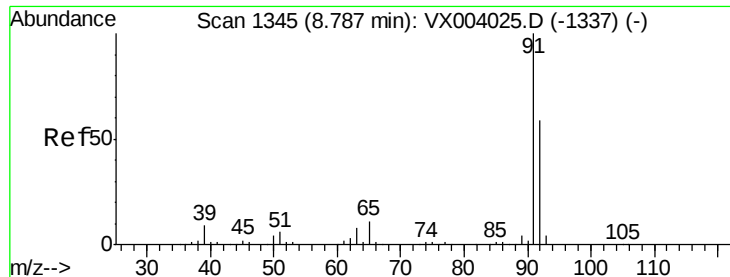
#50
 Toluene-d8
 Concen: 47.87 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. -0.00 min
 Lab File: VX004101.D
 Acq: 16 Aug 2018 04:54

Tgt Ion: 98 Resp: 587649
 Ion Ratio Lower Upper
 98 100
 100 65.0 53.3 79.9



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





#52

Toluene

Concen: 0.48 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX004101.D

Acq: 16 Aug 2018 04:54

Instrument :

MSVOA_X

ClientSampleId :

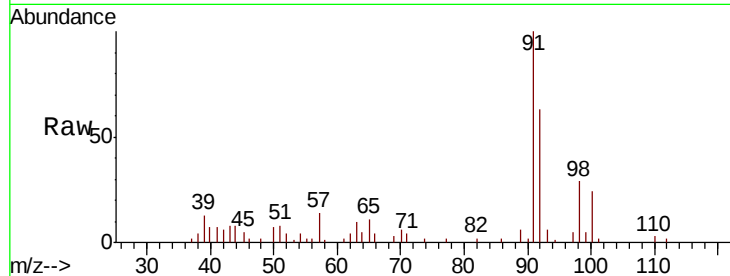
SS050MW612-180814

Tot Ion: 92 Resp: 4185

Ion Ratio Lower Upper

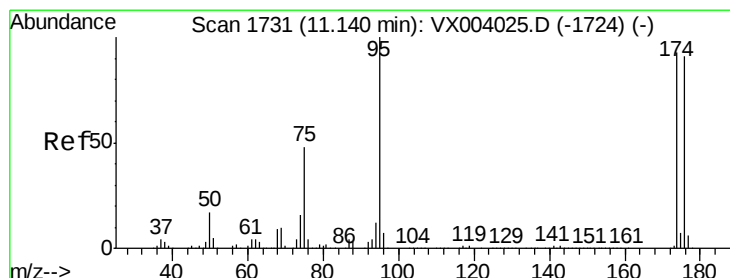
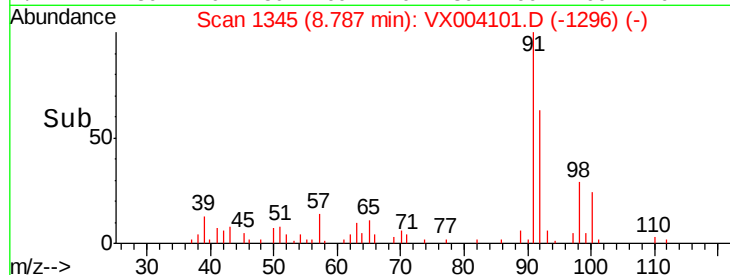
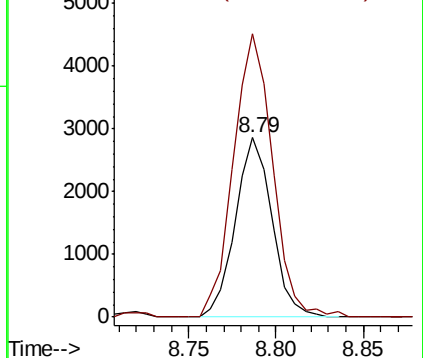
92 100

91 168.2 136.1 204.1



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#62

4-Bromofluorobenzene

Concen: 46.77 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX004101.D

Acq: 16 Aug 2018 04:54

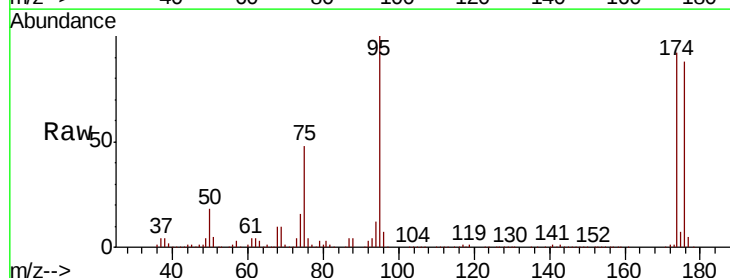
Tgt Ion: 95 Resp: 208209

Ion Ratio Lower Upper

95 100

174 92.5 0.0 182.8

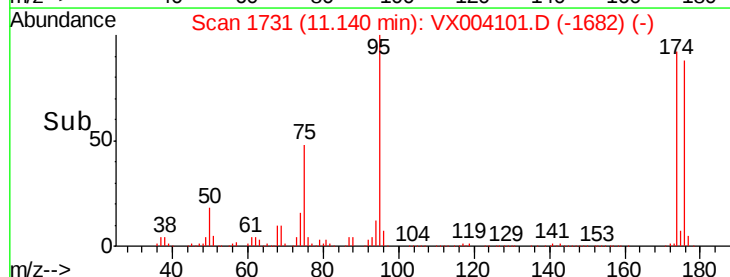
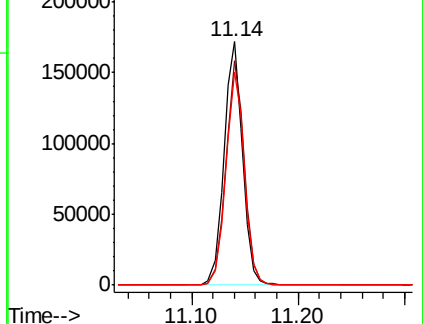
176 88.3 0.0 179.0

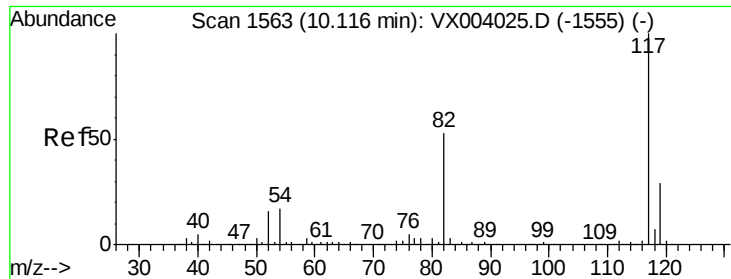


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

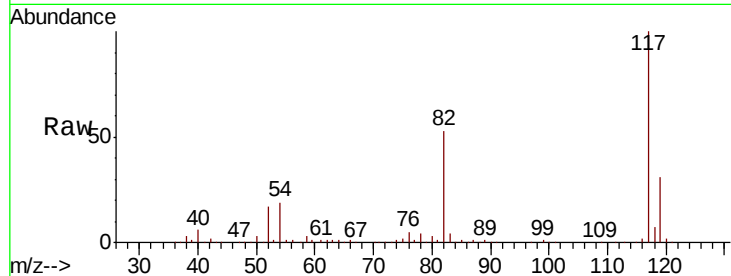




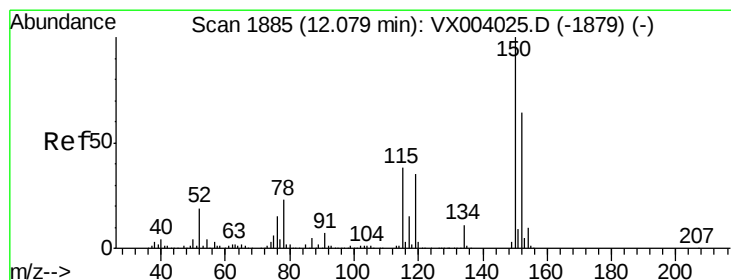
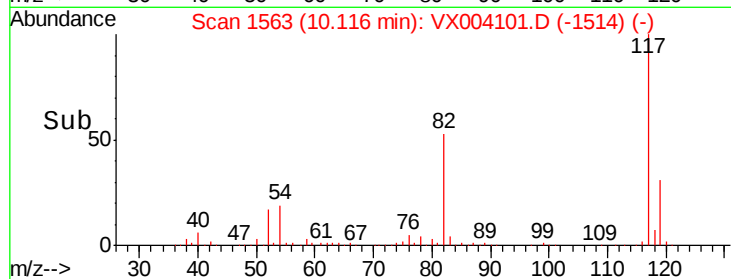
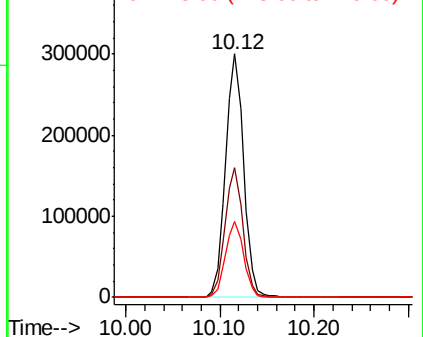
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX004101.D
Acq: 16 Aug 2018 04:54

Instrument :
MSVOA_X
ClientSampleId :
SS050MW612-180814

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.1	45.4	68.0
119	31.2	26.6	40.0

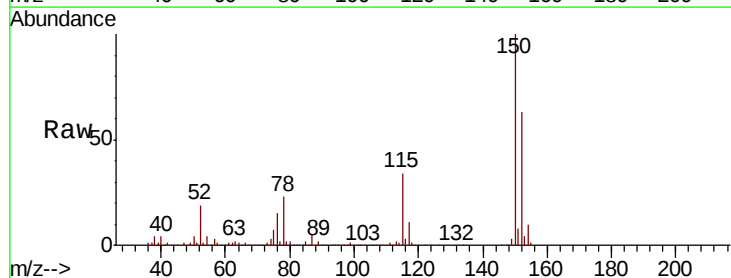


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX004101.D
Acq: 16 Aug 2018 04:54

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.1	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

