

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081518\
 Data File : VX004099.D
 Acq On : 16 Aug 2018 04:01
 Operator : JC/MD
 Sample : J4495-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW109-180814

Quant Time: Aug 16 16:44:11 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

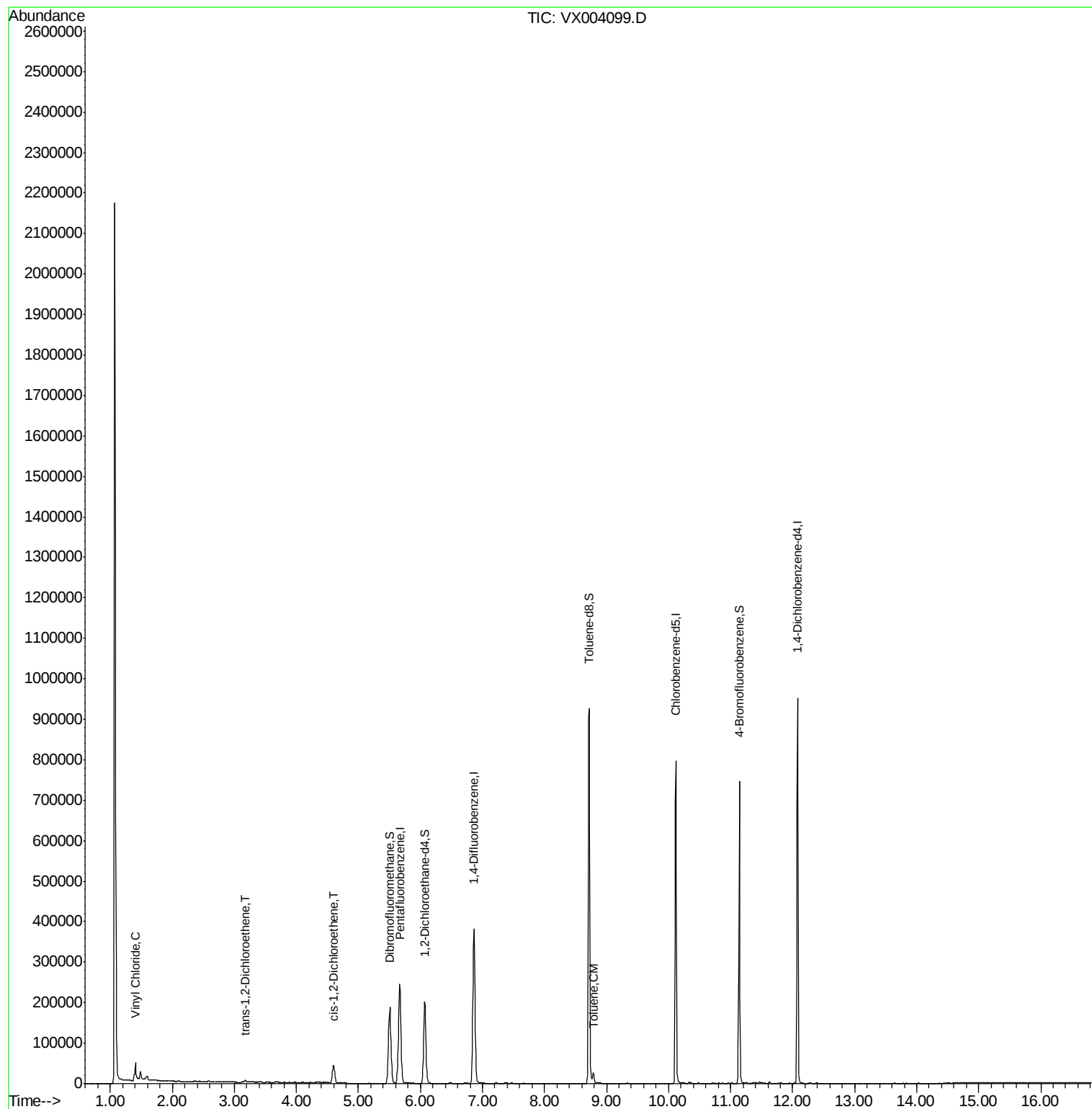
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	247582	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	389064	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	363436	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	195937	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	185848	53.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.56%	
35) Dibromofluoromethane	5.51	113	158969	54.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.18%	
50) Toluene-d8	8.72	98	557116	47.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.38%	
62) 4-Bromofluorobenzene	11.14	95	186230	43.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.98%	
Target Compounds						
4) Vinyl Chloride	1.40	62	24738	7.73	ug/l	# 78
21) trans-1,2-Dichloroethene	3.17	96	1624	0.55	ug/l	85
27) cis-1,2-Dichloroethene	4.60	96	28513	8.57	ug/l	90
52) Toluene	8.79	92	8134	0.97	ug/l	98

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

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX004099.D

Acq: 16 Aug 2018 04:01

Instrument :

MSVOA_X

ClientSampleId :

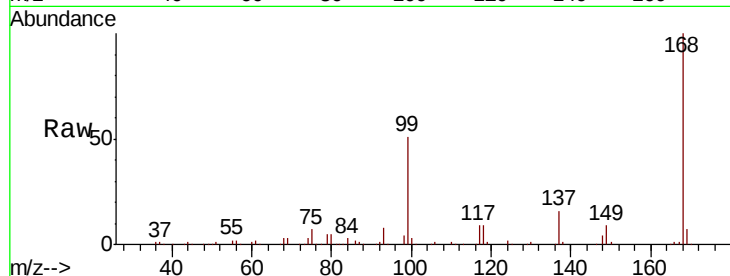
SS050MW109-180814

Tot Ion:168 Resp: 247582

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

80000

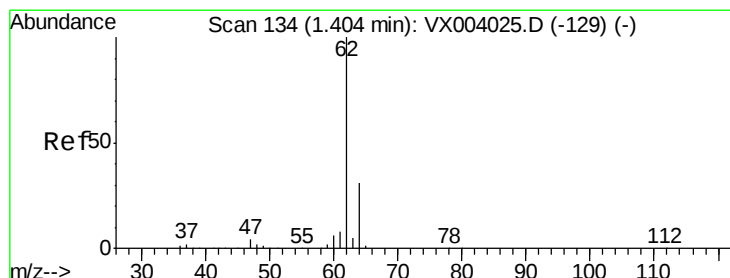
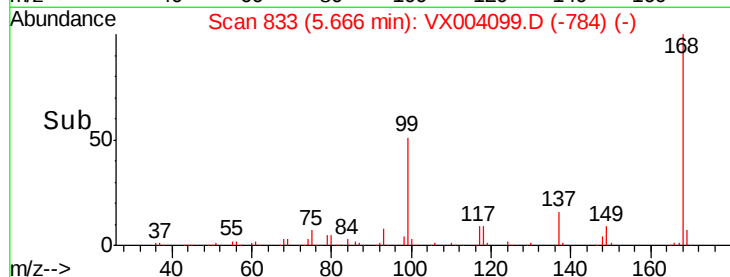
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#4

Vinyl Chloride

Concen: 7.73 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX004099.D

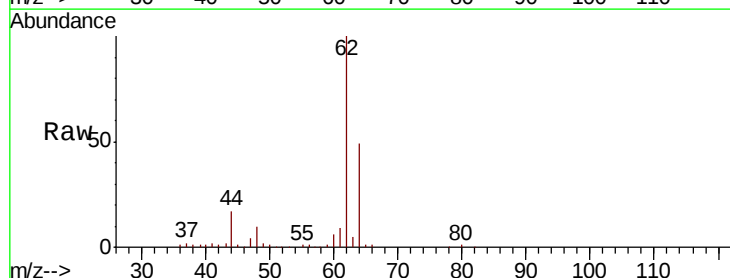
Acq: 16 Aug 2018 04:01

Tgt Ion: 62 Resp: 24738

Ion Ratio Lower Upper

62 100

64 44.6 26.0 39.0#



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

25000

20000

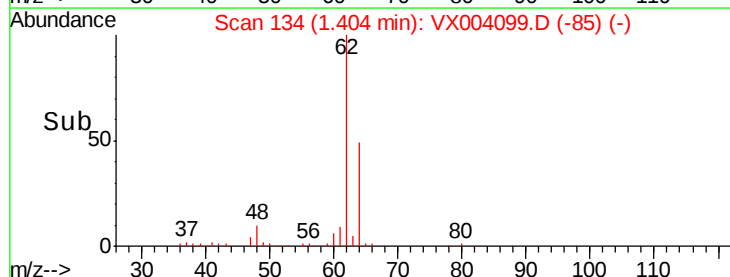
15000

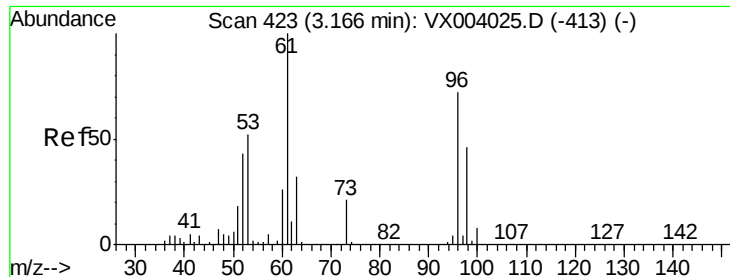
10000

5000

0

Time--> 1.35 1.40 1.45





#21

trans-1,2-Dichloroethene

Concen: 0.55 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX004099.D

Acq: 16 Aug 2018 04:01

Instrument :

MSVOA_X

ClientSampleId :

SS050MW109-180814

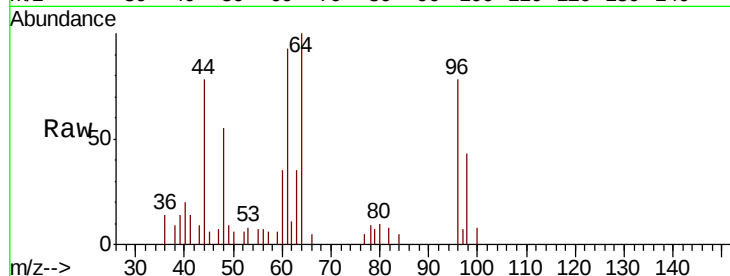
Tot Ion: 96 Resp: 1624

Ion Ratio Lower Upper

96 100

61 120.0 111.8 167.6

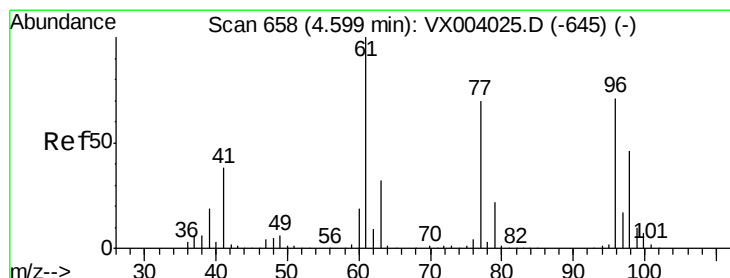
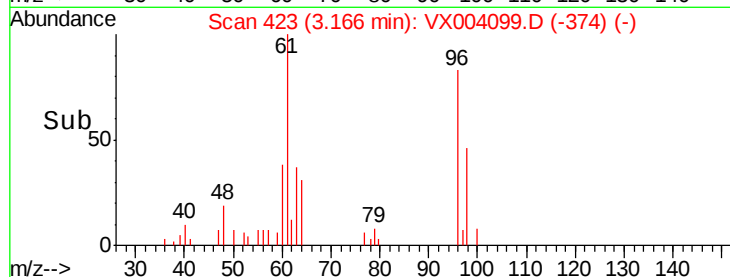
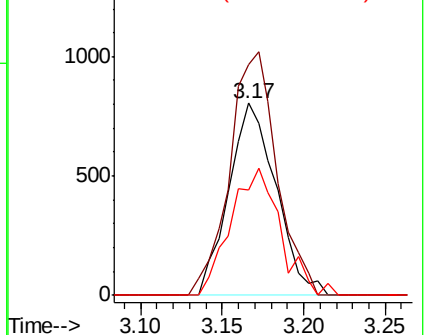
98 54.9 51.8 77.6



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



#27

cis-1,2-Dichloroethene

Concen: 8.57 ug/l

RT: 4.60 min Scan# 658

Delta R.T. 0.00 min

Lab File: VX004099.D

Acq: 16 Aug 2018 04:01

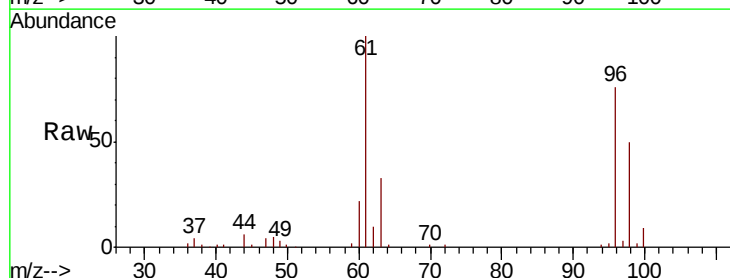
Tgt Ion: 96 Resp: 28513

Ion Ratio Lower Upper

96 100

61 130.6 0.0 293.0

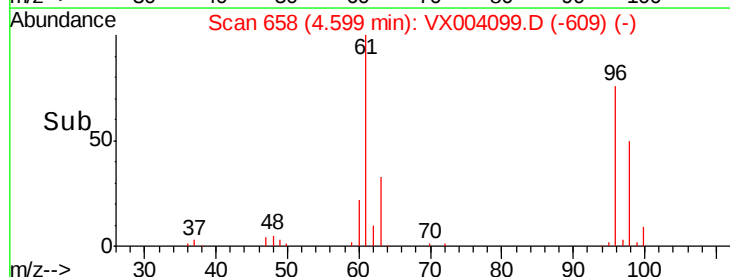
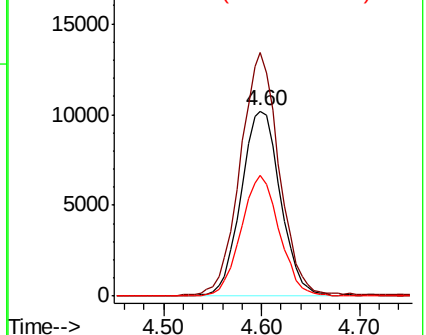
98 63.4 0.0 131.8

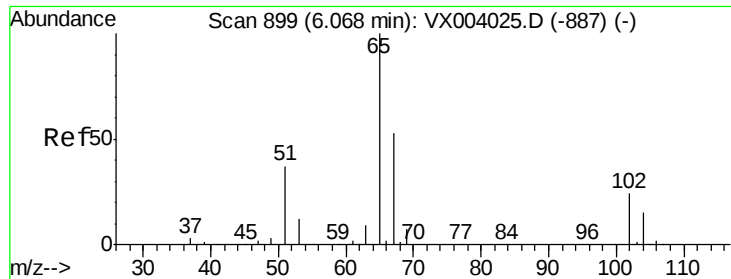


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

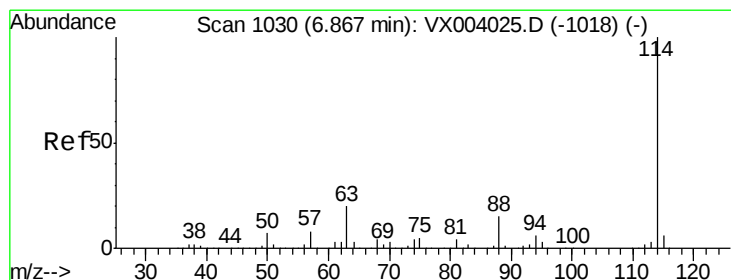
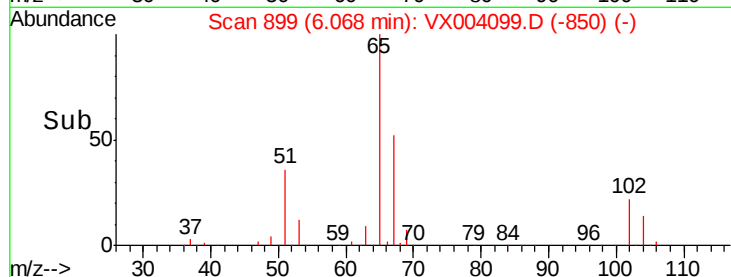
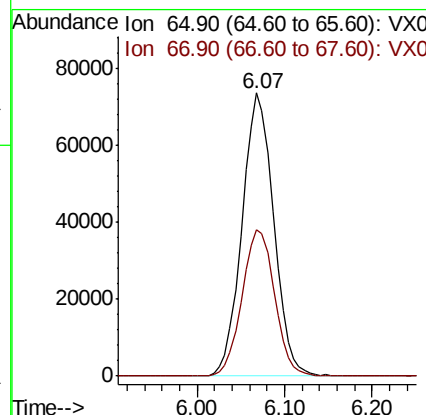
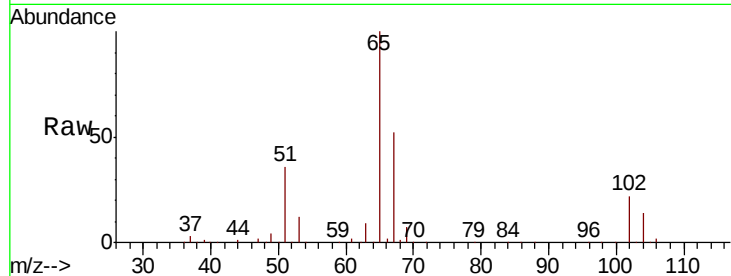




#33
 1,2-Dichloroethane-d4
 Concen: 53.28 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: VX004099.D
 Acq: 16 Aug 2018 04:01

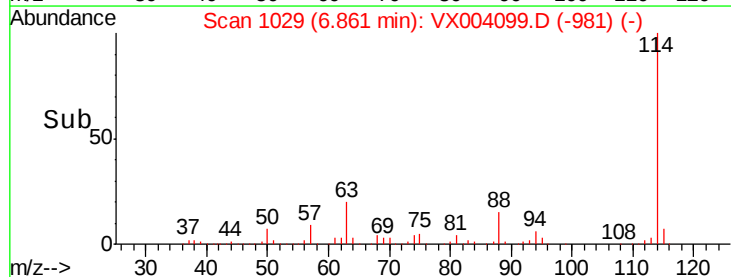
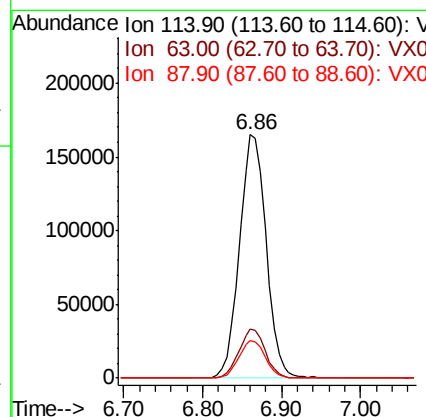
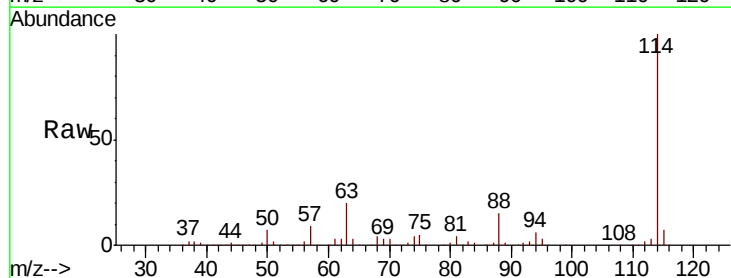
Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW109-180814

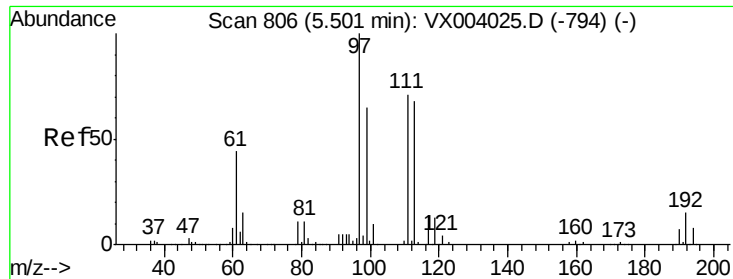
Tot Ion: 65 Resp: 185848
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: VX004099.D
 Acq: 16 Aug 2018 04:01

Tgt Ion: 114 Resp: 389064
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 39.0
 88 15.2 0.0 32.0

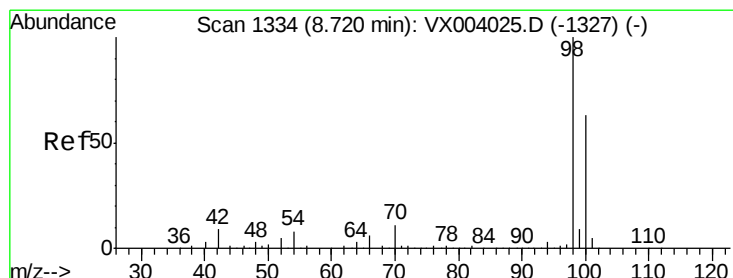
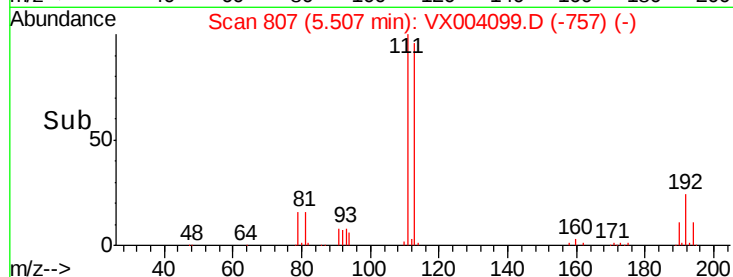
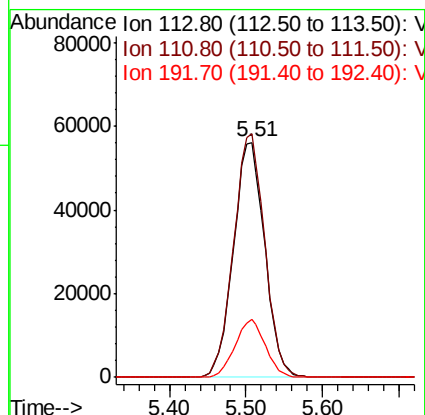
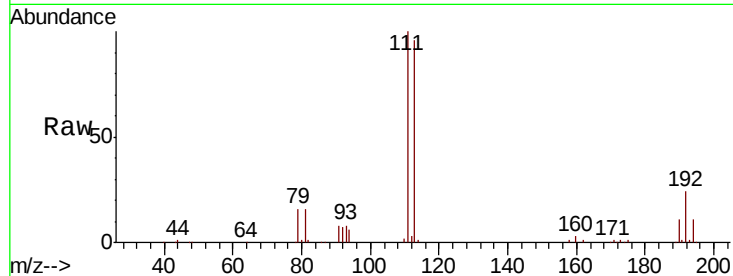




#35
 Dibromofluoromethane
 Concen: 54.59 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.01 min
 Lab File: VX004099.D
 Acq: 16 Aug 2018 04:01

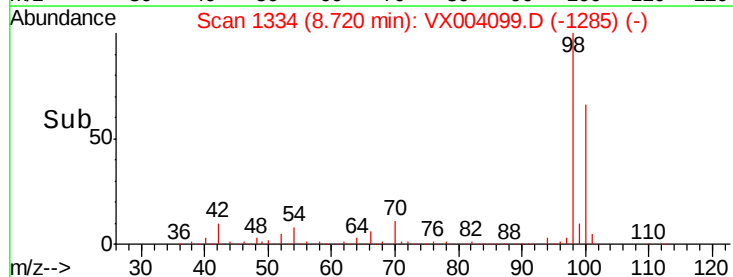
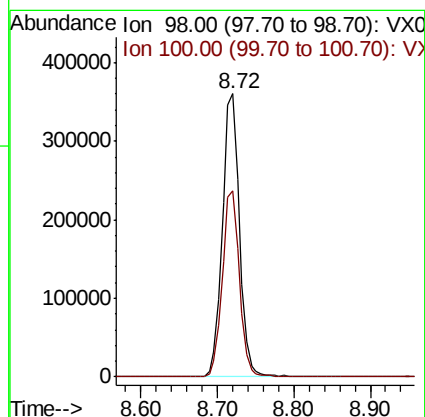
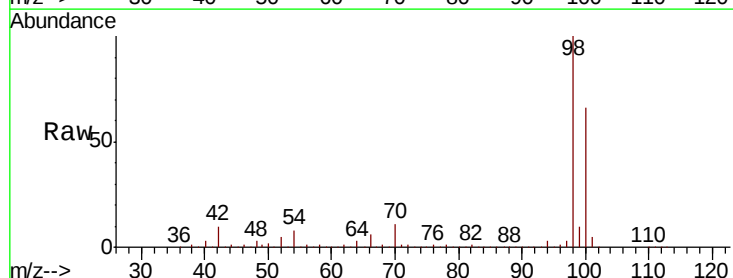
Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW109-180814

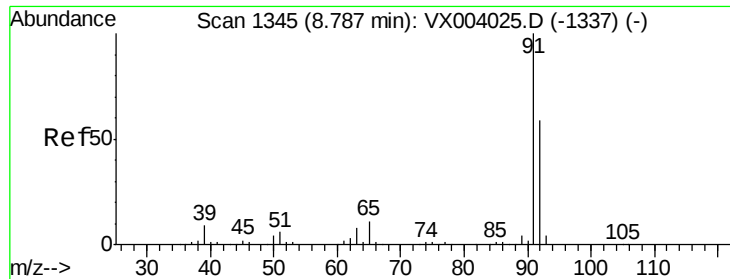
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.0	123.0
192	23.8	19.0	28.4



#50
 Toluene-d8
 Concen: 47.19 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: VX004099.D
 Acq: 16 Aug 2018 04:01

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.9	53.3	79.9





#52

Toluene

Concen: 0.97 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX004099.D

Acq: 16 Aug 2018 04:01

Instrument :

MSVOA_X

ClientSampleId :

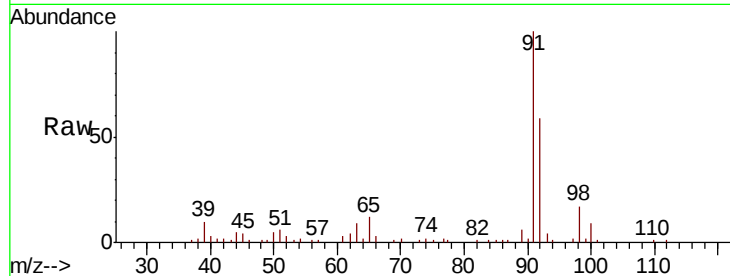
SS050MW109-180814

Tot Ion: 92 Resp: 8134

Ion Ratio Lower Upper

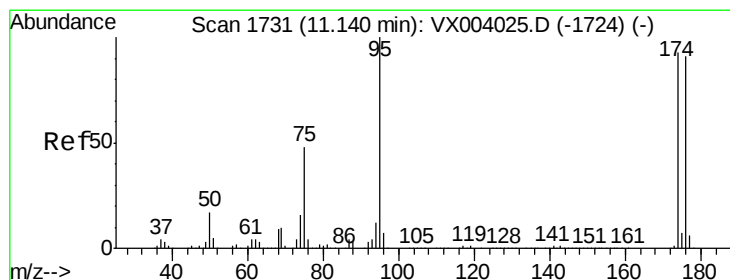
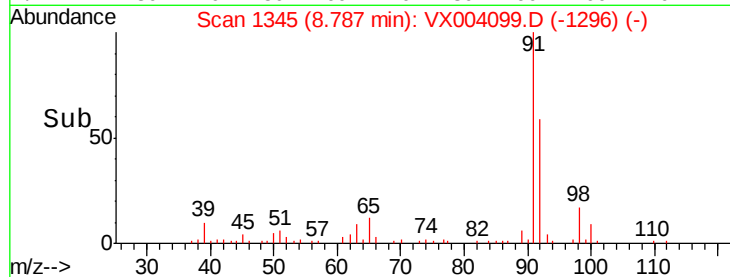
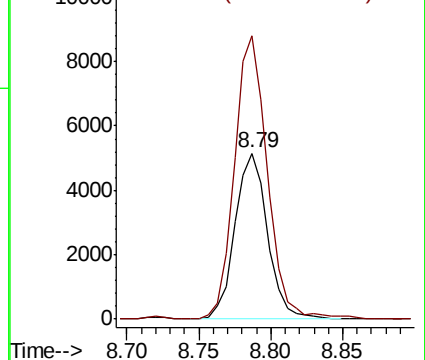
92 100

91 172.2 136.1 204.1



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#62

4-Bromofluorobenzene

Concen: 43.49 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX004099.D

Acq: 16 Aug 2018 04:01

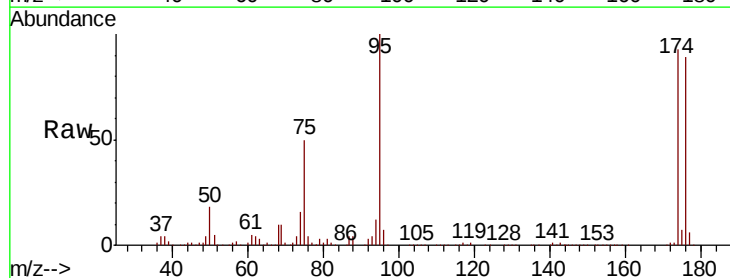
Tgt Ion: 95 Resp: 186230

Ion Ratio Lower Upper

95 100

174 92.2 0.0 182.8

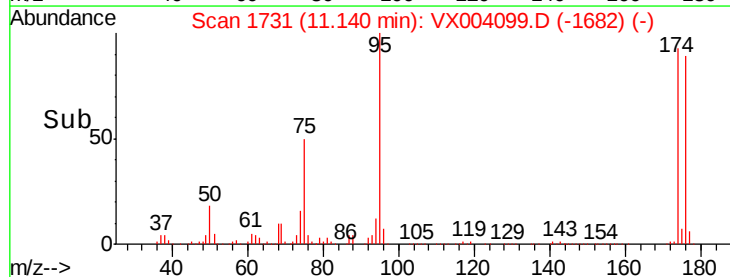
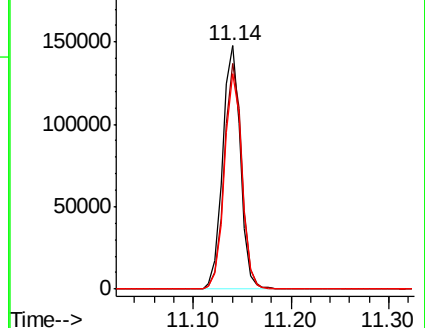
176 88.0 0.0 179.0

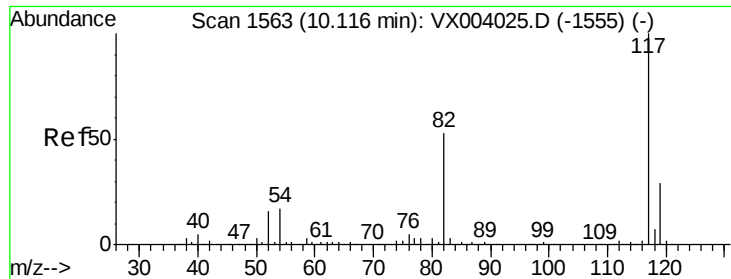


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

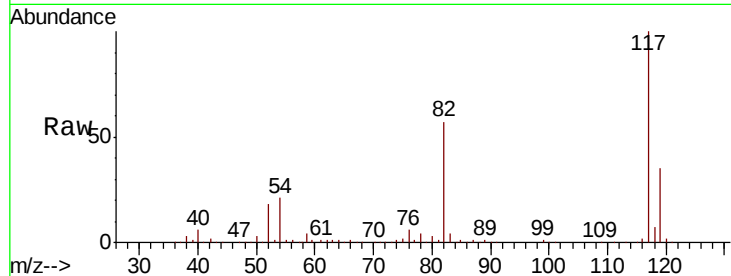




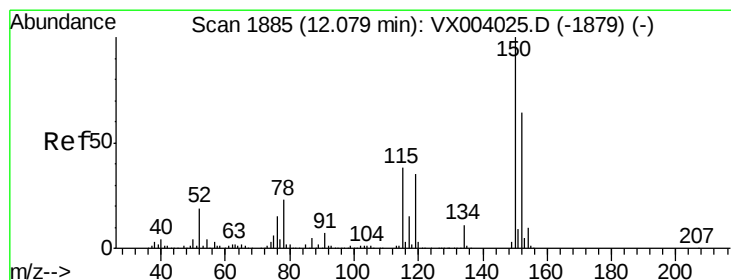
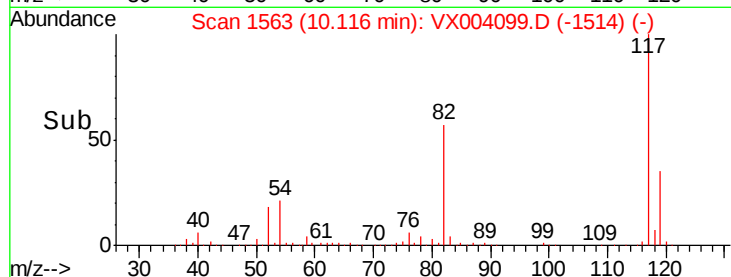
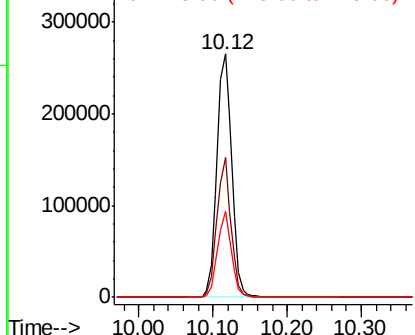
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX004099.D
Acq: 16 Aug 2018 04:01

Instrument :
MSVOA_X
ClientSampleId :
SS050MW109-180814

Tot Ion:117 Resp: 363436
Ion Ratio Lower Upper
117 100
82 57.5 45.4 68.0
119 35.1 26.6 40.0

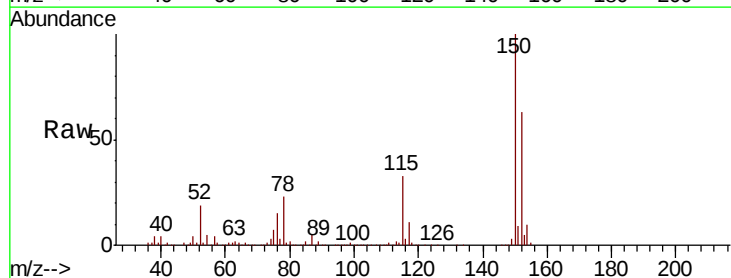


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX004099.D
Acq: 16 Aug 2018 04:01

Tgt Ion:152 Resp: 195937
Ion Ratio Lower Upper
152 100
115 54.6 39.1 117.3
150 158.1 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

