

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051719\
 Data File : VX009683.D
 Acq On : 17 May 2019 23:37
 Operator : JC/SP
 Sample : K2887-23
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW727-190515

Quant Time: May 18 06:38:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	162959	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	257606	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	234184	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	100606	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	109894	49.40	ug/l	0.00
Spiked Amount			Recovery	=	98.80%	
35) Dibromofluoromethane	5.50	113	80349	49.62	ug/l	0.00
Spiked Amount			Recovery	=	99.24%	
50) Toluene-d8	8.71	98	325458	49.78	ug/l	0.00
Spiked Amount			Recovery	=	99.56%	
62) 4-Bromofluorobenzene	11.13	95	109241	45.98	ug/l	0.00
Spiked Amount			Recovery	=	91.96%	

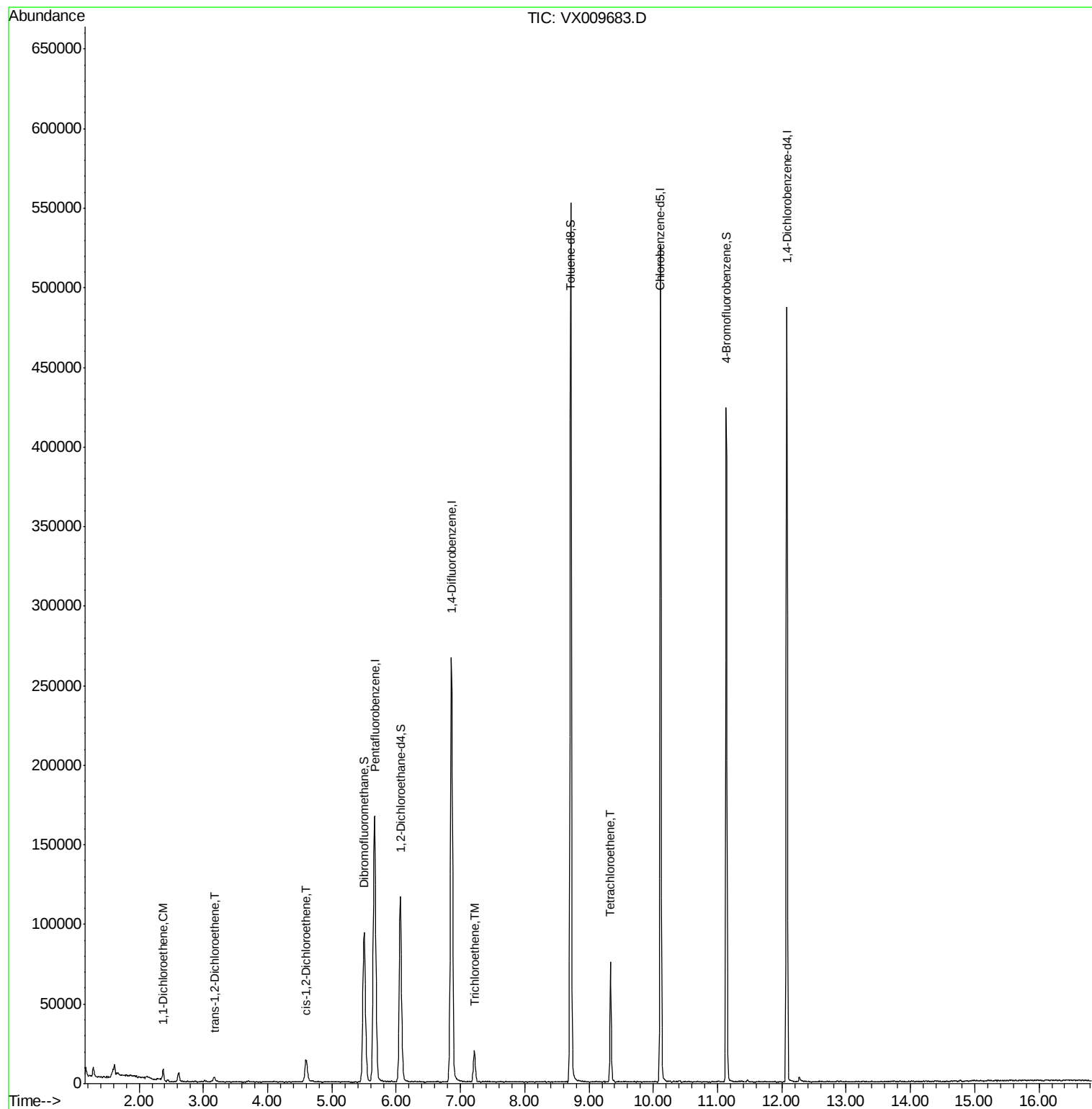
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) 1,1-Dichloroethene	2.37	96	2462	1.610	ug/l #	94
21) trans-1,2-Dichloroethene	3.17	96	1102	0.665	ug/l	91
27) cis-1,2-Dichloroethene	4.60	96	8836	4.464	ug/l	92
44) Trichloroethene	7.21	130	7330	4.092	ug/l	99
64) Tetrachloroethene	9.34	164	14665	9.129	ug/l	97

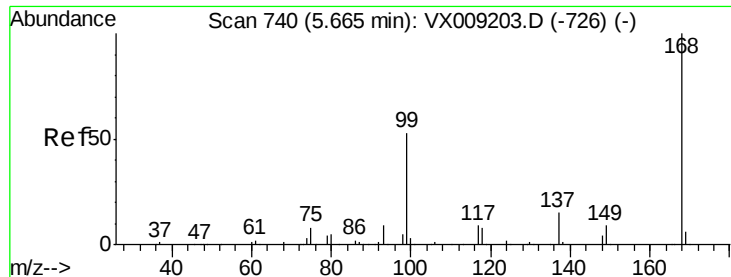
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX009683.D

Acq: 17 May 2019 23:37

Instrument :

MSVOA_X

ClientSampleId :

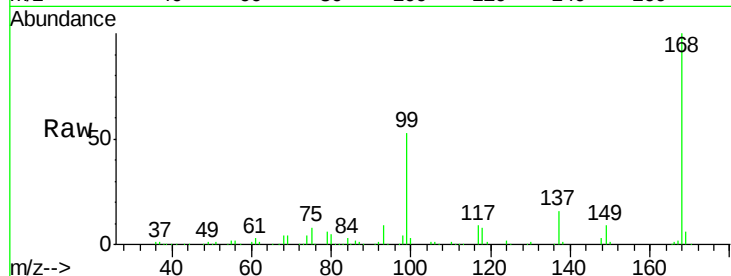
SS052MW727-190515

Tot Ion:168 Resp: 162959

Ion Ratio Lower Upper

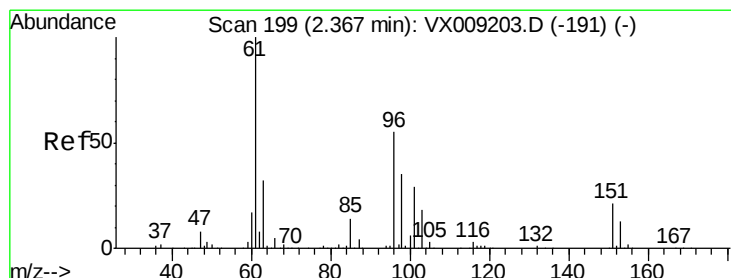
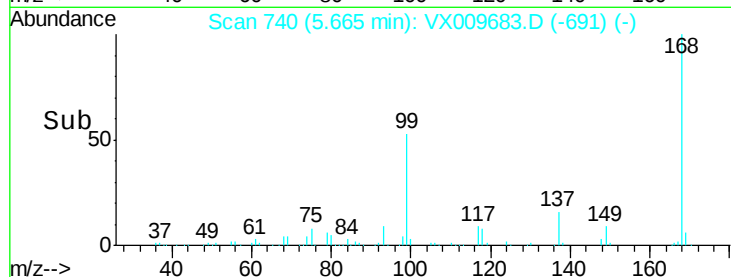
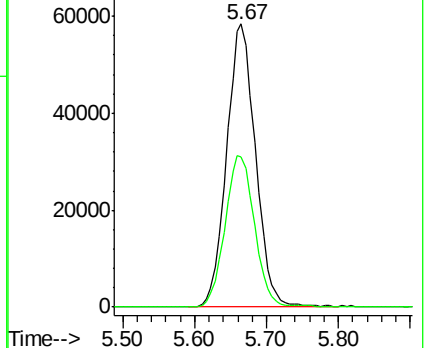
168 100

99 53.1 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#12

1,1-Dichloroethene

Concen: 1.610 ug/l

RT: 2.37 min Scan# 200

Delta R.T. 0.01 min

Lab File: VX009683.D

Acq: 17 May 2019 23:37

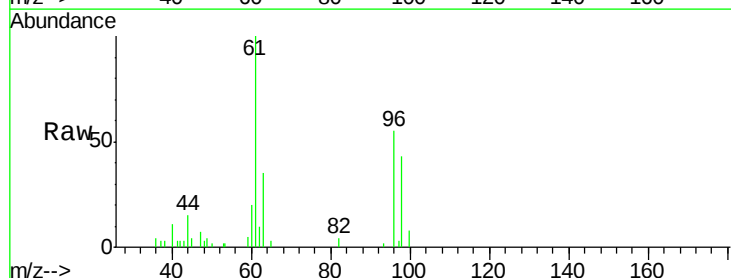
Tgt Ion: 96 Resp: 2462

Ion Ratio Lower Upper

96 100

61 182.4 144.3 216.5

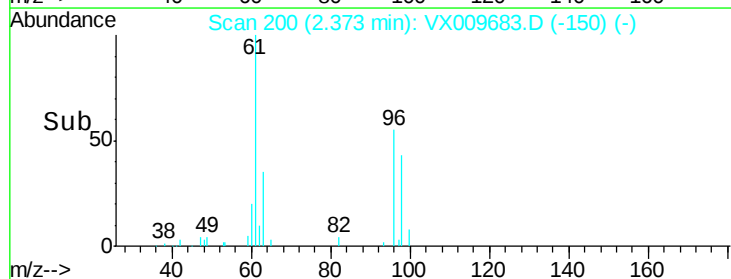
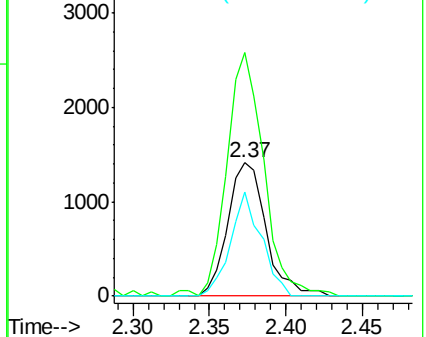
98 77.7 50.3 75.5#

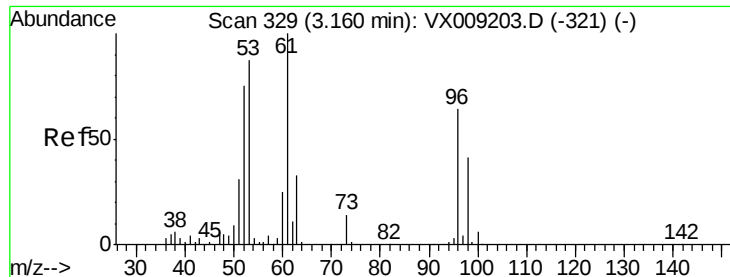


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#21

trans-1,2-Dichloroethene

Concen: 0.665 ug/l

RT: 3.17 min Scan# 331

Delta R.T. 0.01 min

Lab File: VX009683.D

Acq: 17 May 2019 23:37

Instrument :

MSVOA_X

ClientSampleId :

SS052MW727-190515

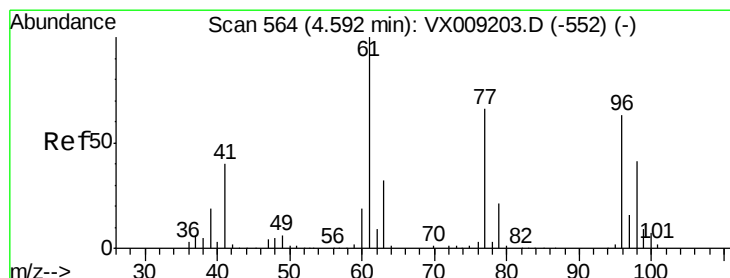
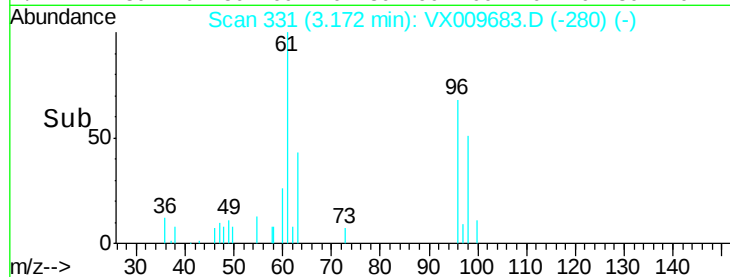
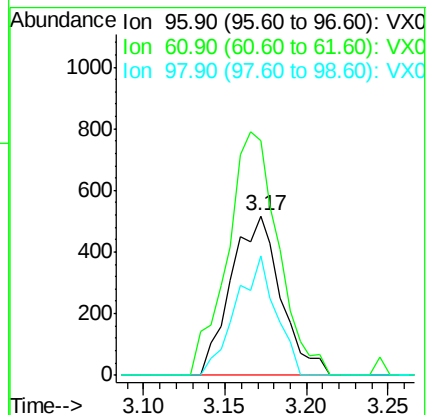
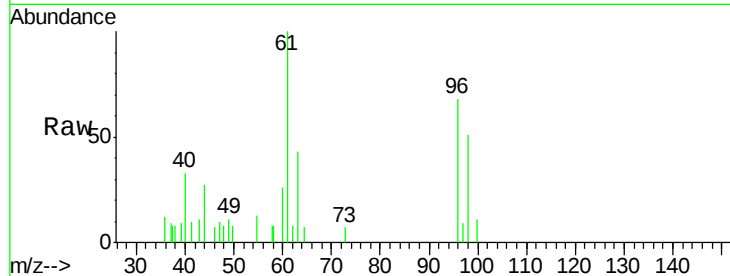
Tot Ion: 96 Resp: 1102

Ion Ratio Lower Upper

96 100

61 146.9 124.5 186.7

98 75.1 50.4 75.6



#27

cis-1,2-Dichloroethene

Concen: 4.464 ug/l

RT: 4.60 min Scan# 566

Delta R.T. 0.01 min

Lab File: VX009683.D

Acq: 17 May 2019 23:37

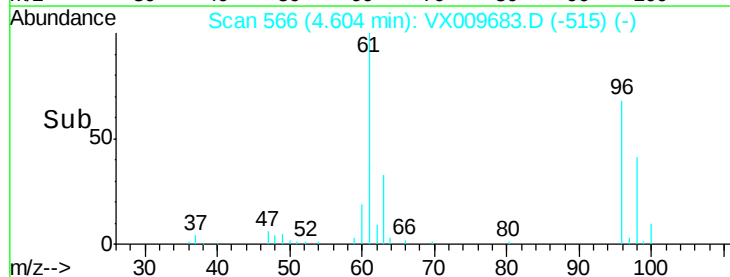
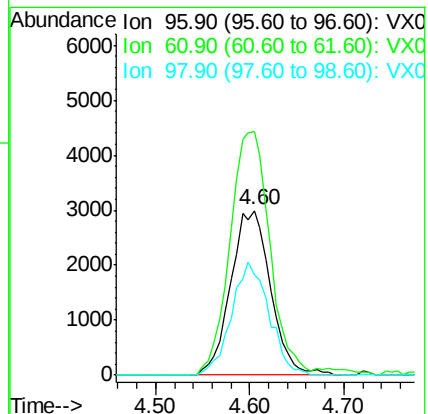
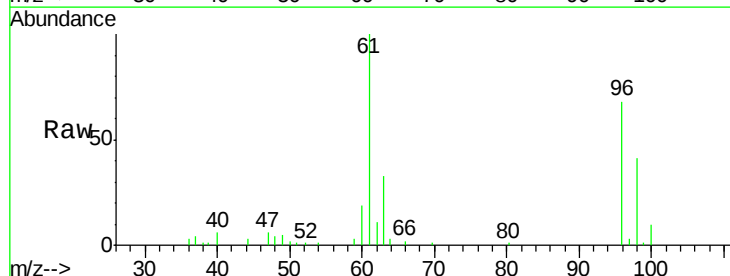
Tgt Ion: 96 Resp: 8836

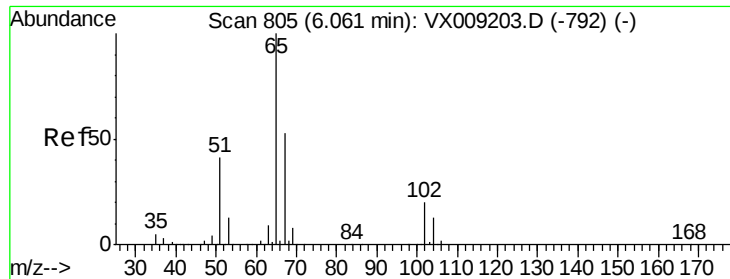
Ion Ratio Lower Upper

96 100

61 147.7 0.0 324.0

98 64.4 0.0 130.4

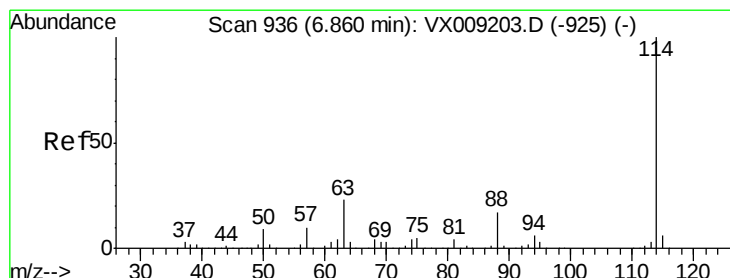
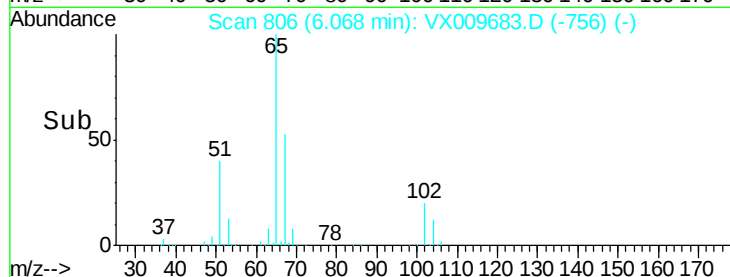
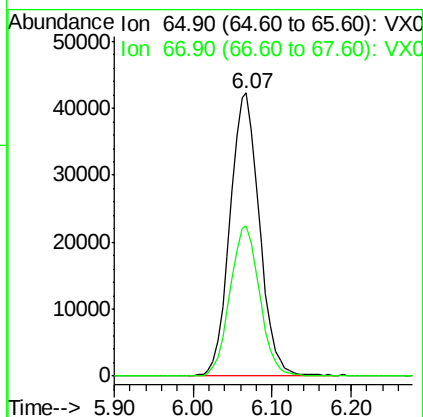
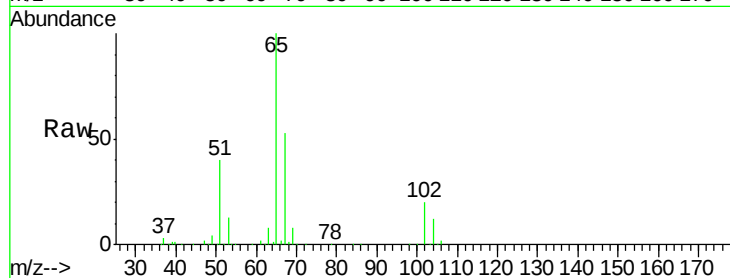




#33
 1,2-Dichloroethane-d4
 Concen: 49.400 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.01 min
 Lab File: VX009683.D
 Acq: 17 May 2019 23:37

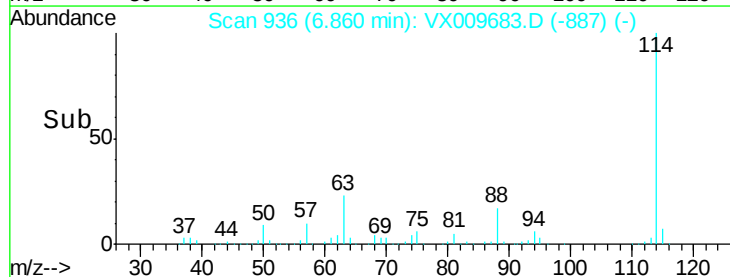
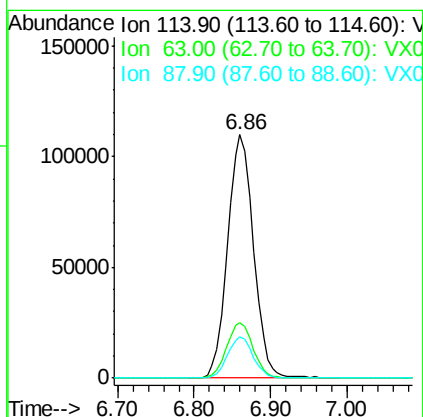
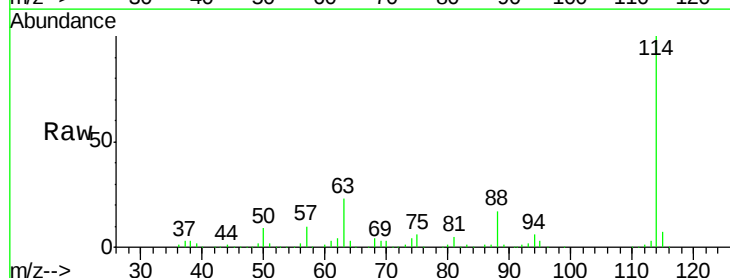
Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW727-190515

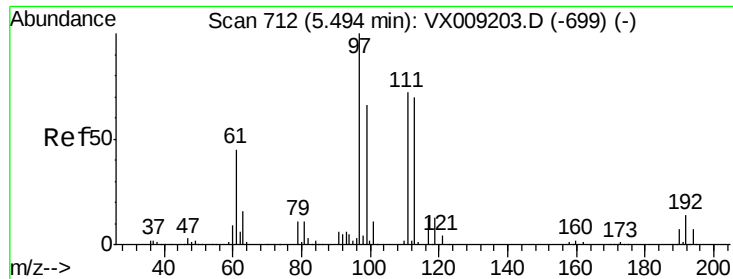
Tot Ion: 65 Resp: 109894
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX009683.D
 Acq: 17 May 2019 23:37

Tgt Ion: 114 Resp: 257606
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 45.6
 88 17.0 0.0 33.2

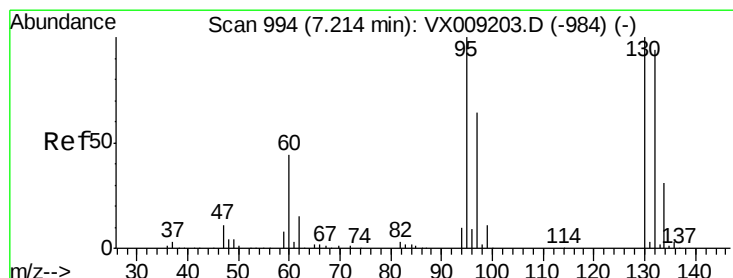
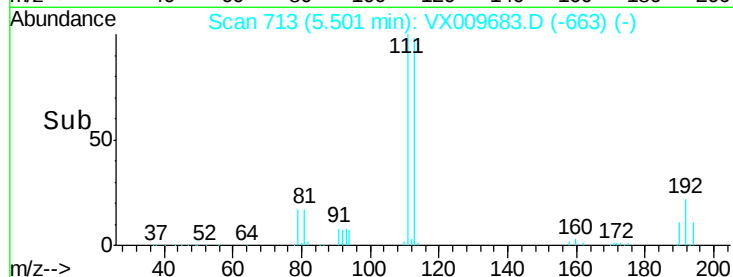
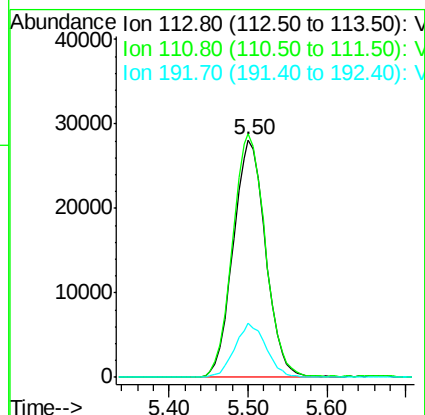
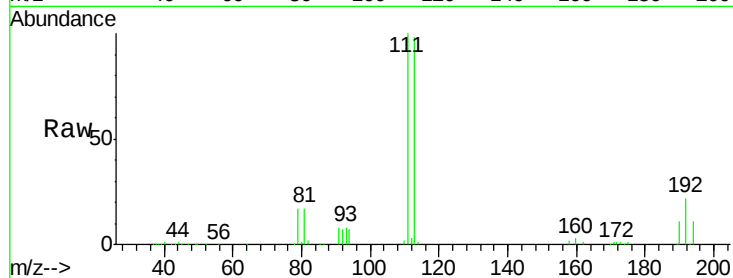




#35
 Dibromofluoromethane
 Concen: 49.616 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: VX009683.D
 Acq: 17 May 2019 23:37

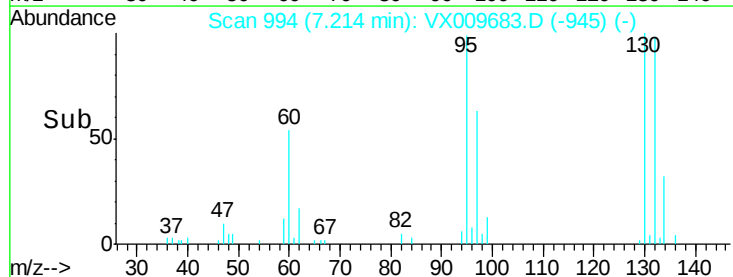
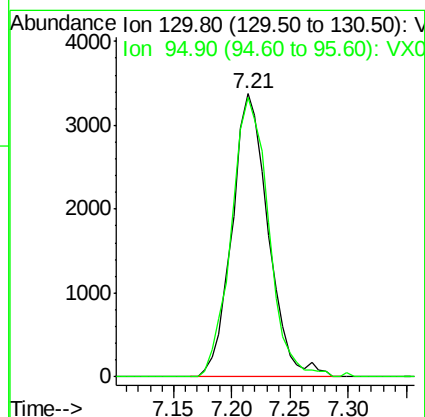
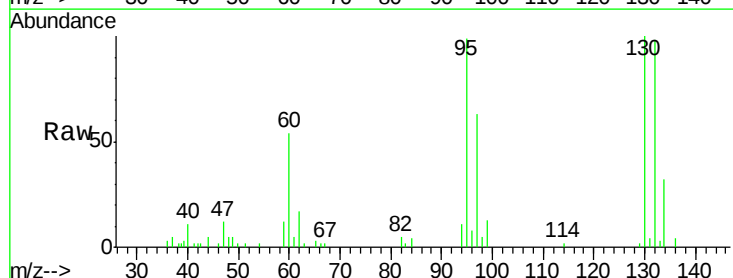
Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW727-190515

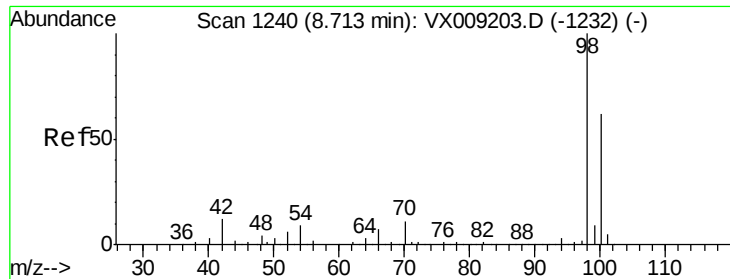
Tot Ion:113 Resp: 80349
 Ion Ratio Lower Upper
 113 100
 111 103.5 82.8 124.2
 192 21.9 17.0 25.6



#44
 Trichloroethene
 Concen: 4.092 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX009683.D
 Acq: 17 May 2019 23:37

Tgt Ion:130 Resp: 7330
 Ion Ratio Lower Upper
 130 100
 95 98.7 0.0 199.2





#50

Toluene-d8

Concen: 49.780 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX009683.D

Acq: 17 May 2019 23:37

Instrument :

MSVOA_X

ClientSampleId :

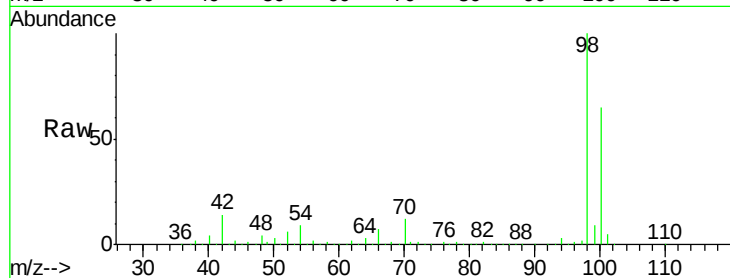
SS052MW727-190515

Tot Ion: 98 Resp: 325458

Ion Ratio Lower Upper

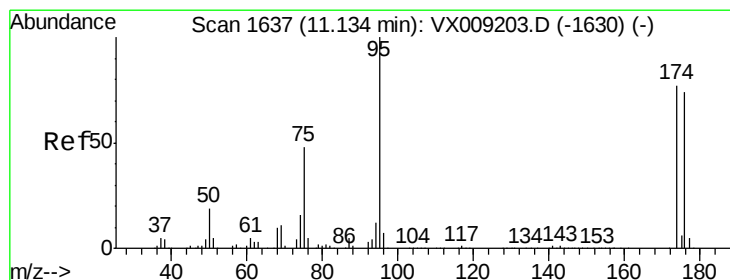
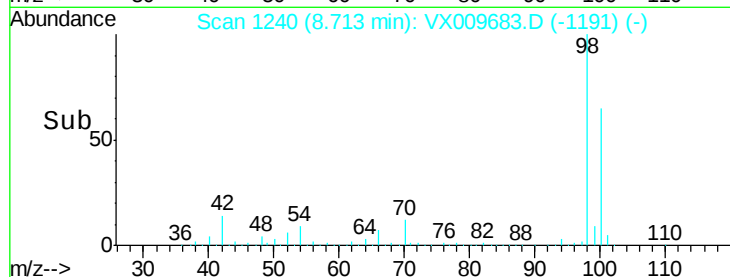
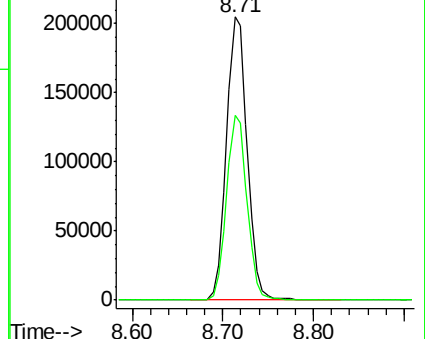
98 100

100 64.8 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 45.984 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009683.D

Acq: 17 May 2019 23:37

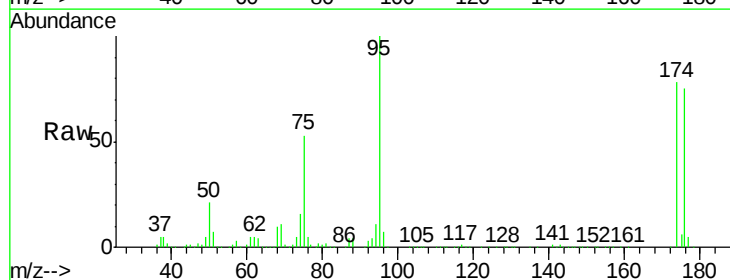
Tgt Ion: 95 Resp: 109241

Ion Ratio Lower Upper

95 100

174 83.0 0.0 161.6

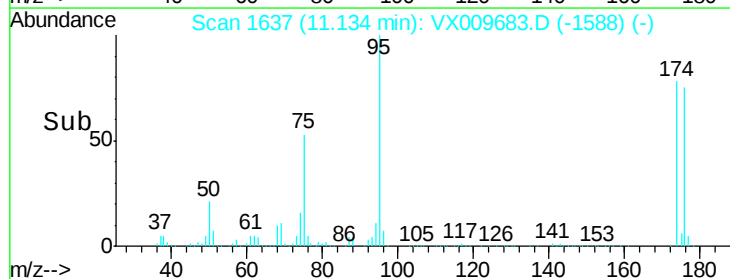
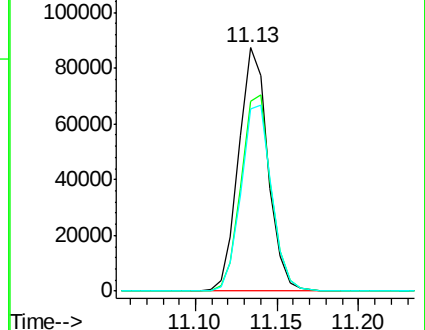
176 80.3 0.0 159.2

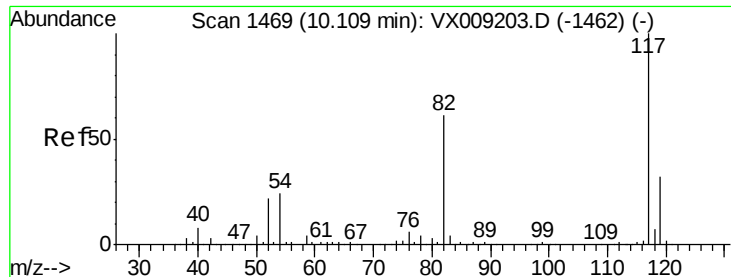


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

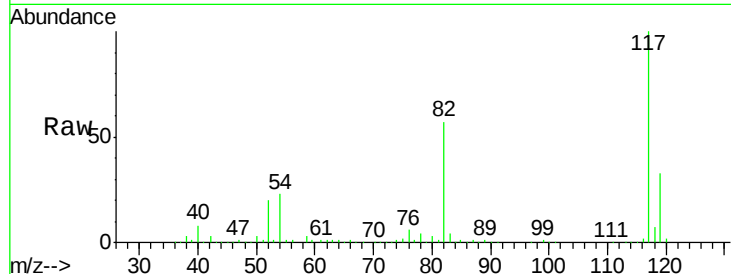




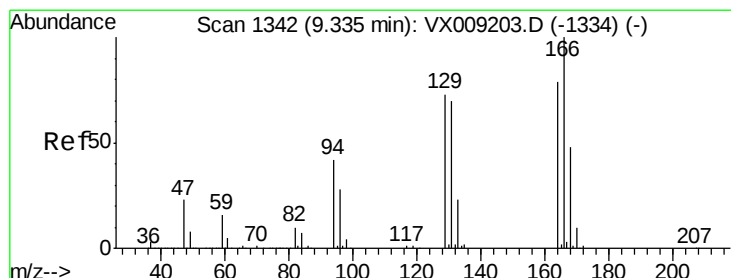
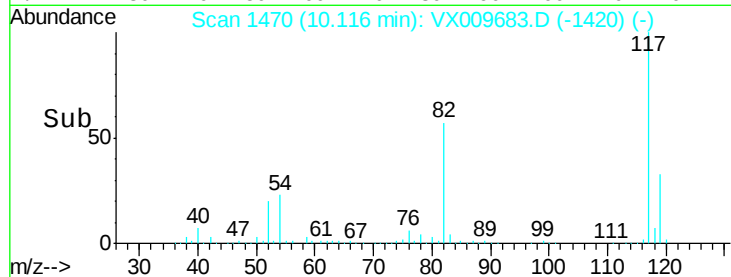
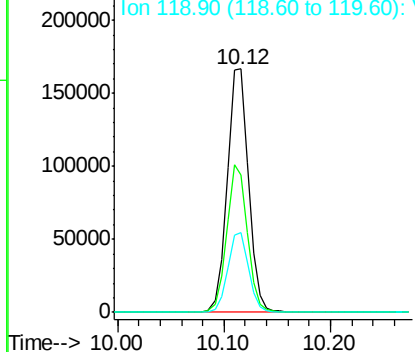
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX009683.D
Acq: 17 May 2019 23:37

Instrument :
MSVOA_X
ClientSampleId :
SS052MW727-190515

Tot Ion:117 Resp: 234184
Ion Ratio Lower Upper
117 100
82 56.6 48.8 73.2
119 32.8 25.8 38.6



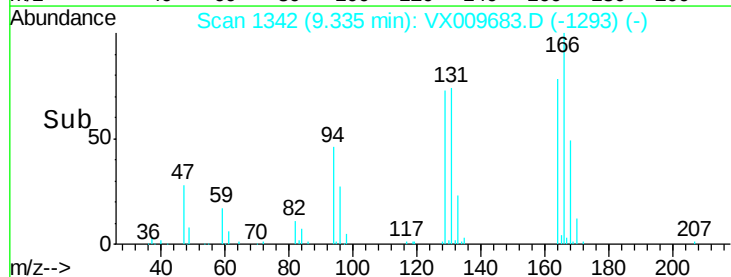
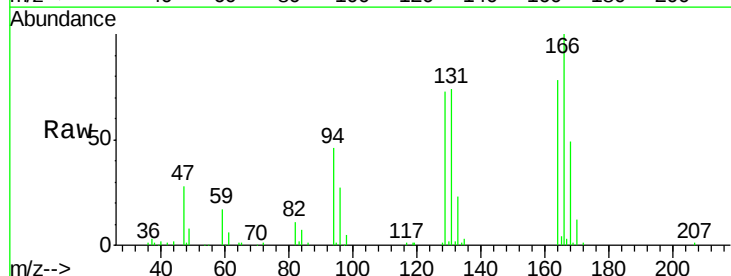
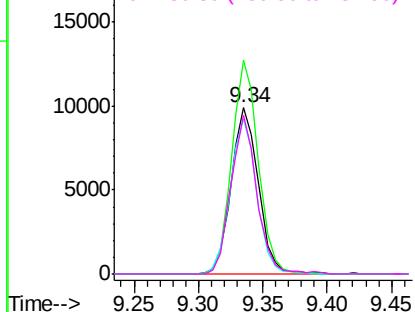
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

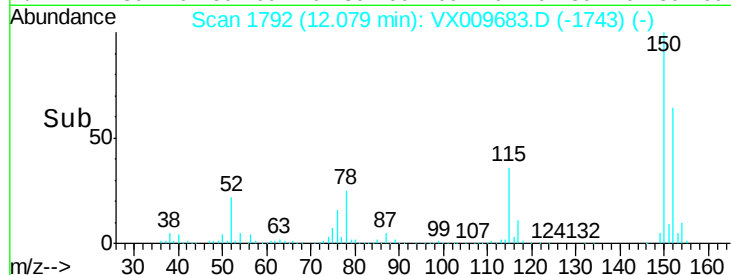
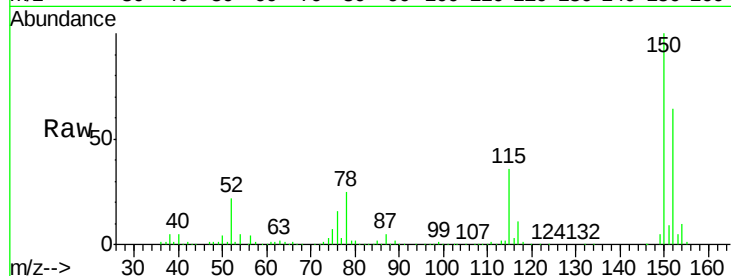
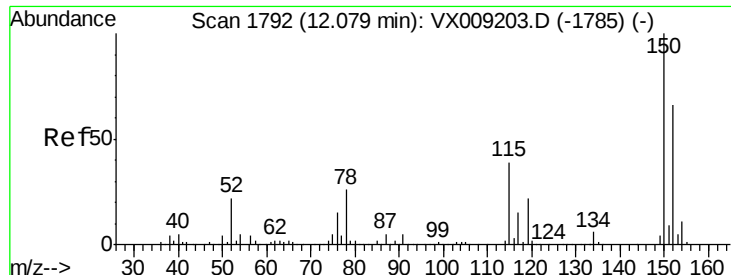


#64
Tetrachloroethene
Concen: 9.129 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX009683.D
Acq: 17 May 2019 23:37

Tgt Ion:164 Resp: 14665
Ion Ratio Lower Upper
164 100
166 128.5 101.2 151.8
129 93.3 74.3 111.5
131 95.4 71.0 106.6

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: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX009683.D
 Acq: 17 May 2019 23:37

Instrument :
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 SS052MW727-190515

Tot Ion	Ratio	Lower	Upper
152	100		
115	57.7	41.2	123.6
150	157.8	0.0	346.4

