

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032019\
 Data File : VX008265.D
 Acq On : 21 Mar 2019 01:37
 Operator : JC/SP
 Sample : K1912-01DL 4X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 M3-T0-OZ(PRE)DL

Quant Time: Mar 22 07:53:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 13:15:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	316629	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	524305	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	432885	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	171991	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	225020	47.19	ug/l	0.00
Spiked Amount						
			Recovery	=	94.38%	
35) Dibromofluoromethane	5.50	113	166490	47.43	ug/l	0.00
Spiked Amount						
			Recovery	=	94.86%	
50) Toluene-d8	8.71	98	637616	47.92	ug/l	0.00
Spiked Amount						
			Recovery	=	95.84%	
62) 4-Bromofluorobenzene	11.13	95	199216	43.48	ug/l	0.00
Spiked Amount						
			Recovery	=	86.96%	

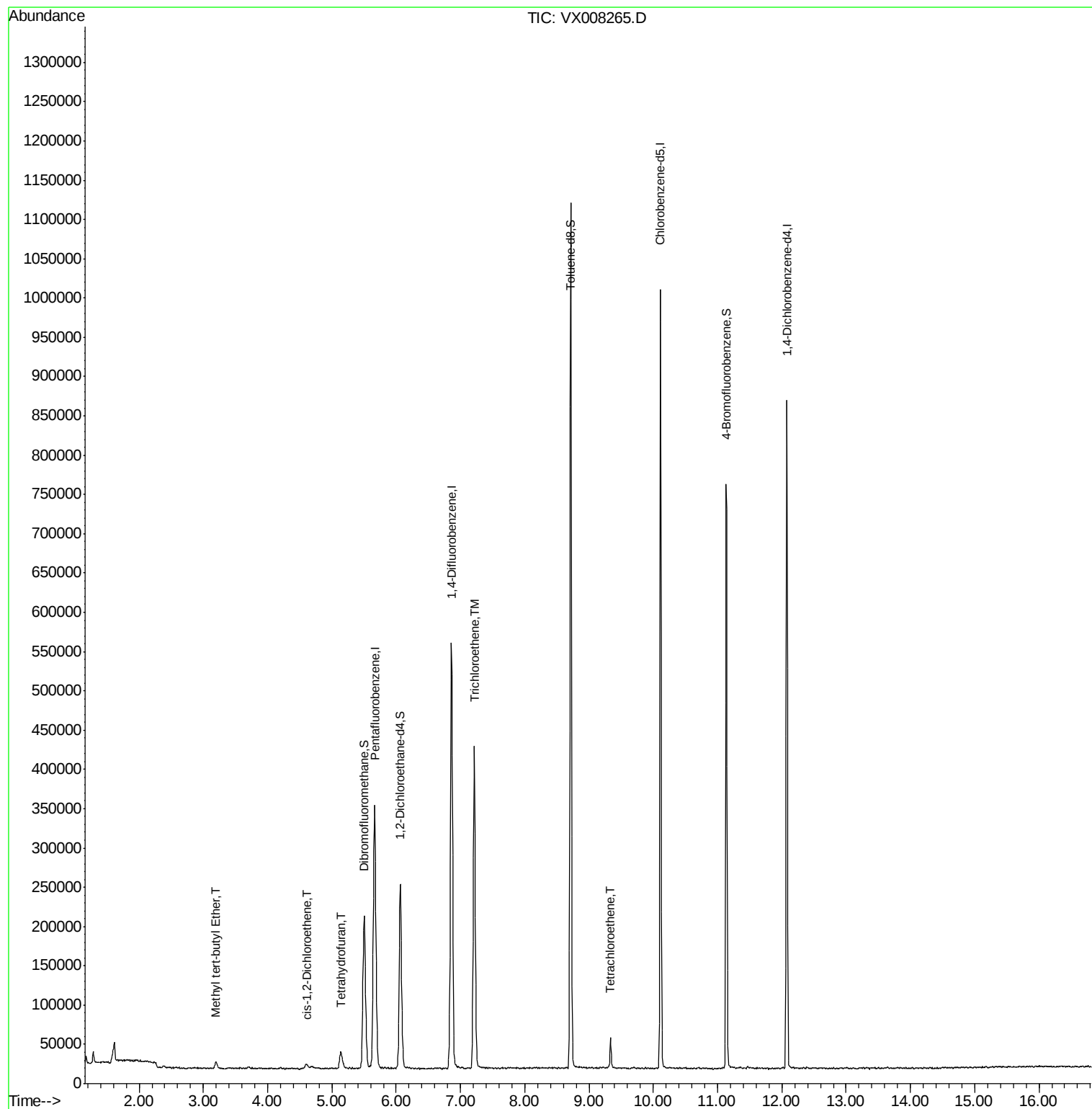
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) Methyl tert-butyl Ether	3.20	73	9061	0.652	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	3543	0.749	ug/l	96
29) Tetrahydrofuran	5.14	42	20774	8.324	ug/l	99
44) Trichloroethene	7.21	130	156539	35.435	ug/l	90
64) Tetrachloroethene	9.34	164	7119	1.823	ug/l	94

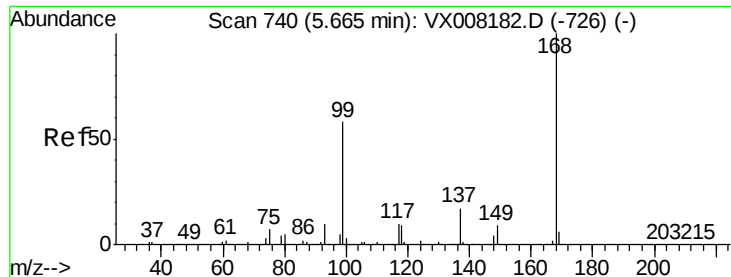
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX032019\
Data File : VX008265.D
Acq On : 21 Mar 2019 01:37
Operator : JC/SP
Sample : K1912-01DL 4X
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
M3-T0-OZ(PRE)DL

Quant Time: Mar 22 07:53:27 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X031919W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 19 13:15:13 2019
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: VX008265.D

Acq: 21 Mar 2019 01:37

Instrument :

MSVOA_X

ClientSampleId :

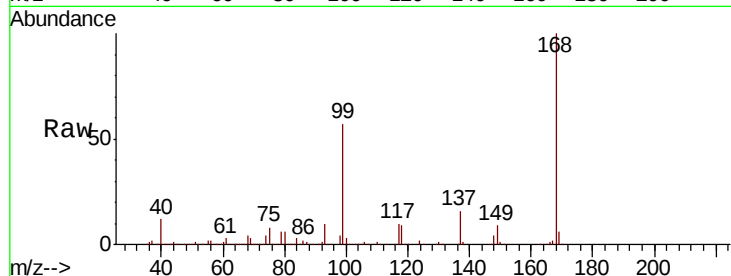
M3-T0-OZ(PRE)DL

Tot Ion:168 Resp: 316629

Ion Ratio Lower Upper

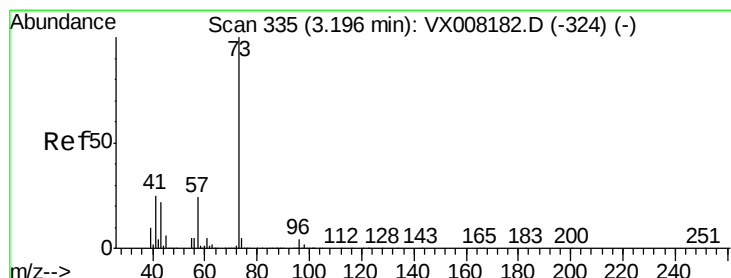
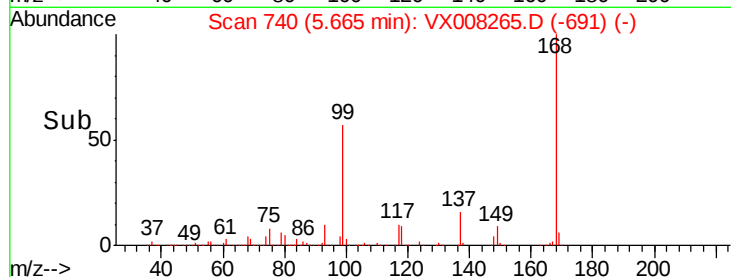
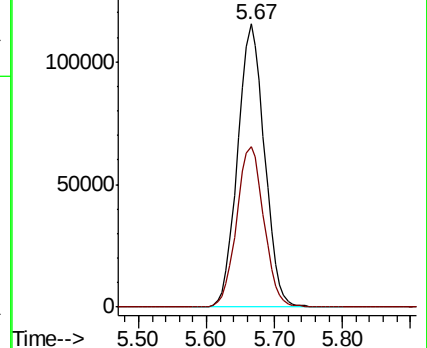
168 100

99 56.6 37.6 56.4#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#19

Methyl tert-butyl Ether

Concen: 0.652 ug/l

RT: 3.20 min Scan# 336

Delta R.T. 0.01 min

Lab File: VX008265.D

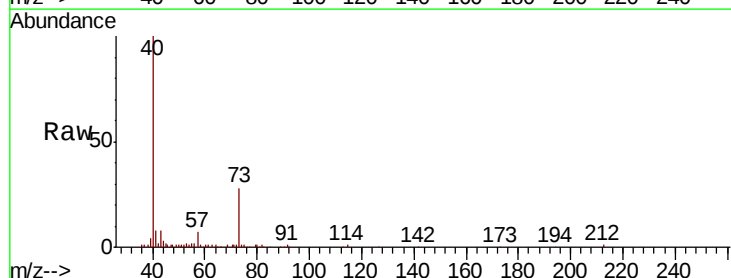
Acq: 21 Mar 2019 01:37

Tgt Ion: 73 Resp: 9061

Ion Ratio Lower Upper

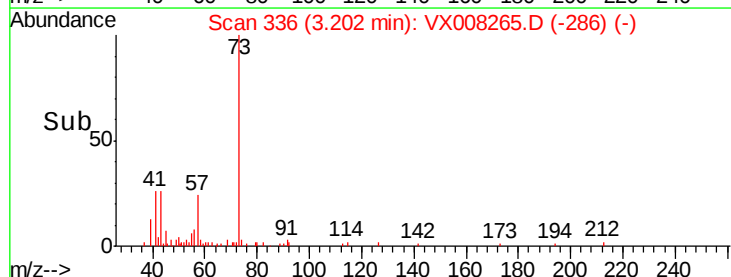
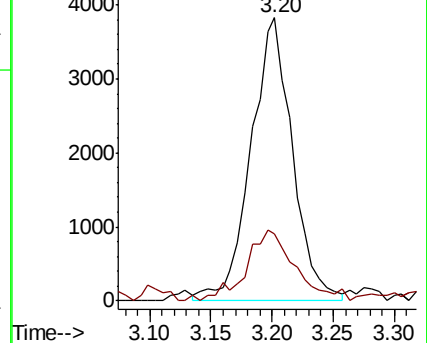
73 100

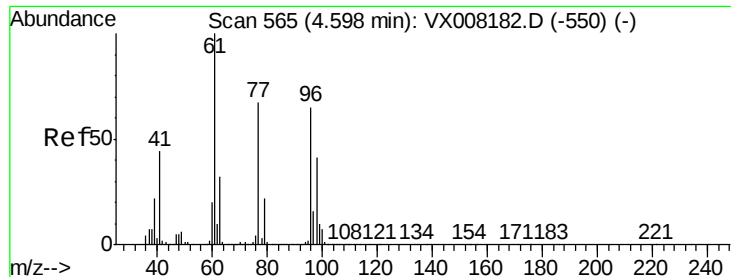
57 22.0 18.2 27.4



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



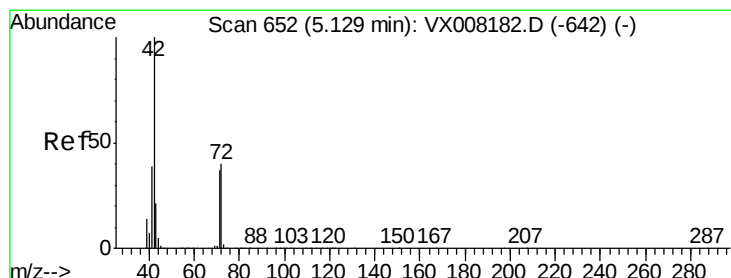
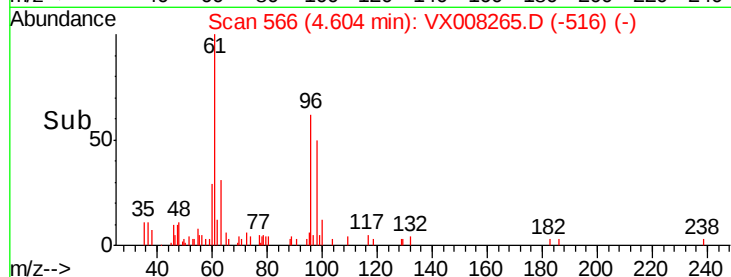
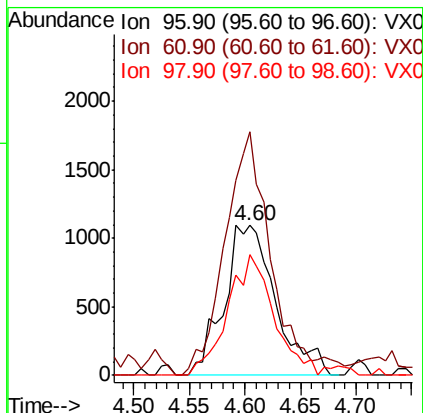
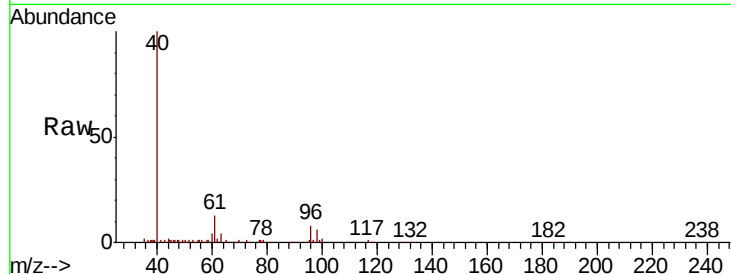


#27

cis-1,2-Dichloroethene
 Concen: 0.749 ug/l
 RT: 4.60 min Scan# 566
 Delta R.T. 0.01 min
 Lab File: VX008265.D
 Acq: 21 Mar 2019 01:37

Instrument :
 MSVOA_X
 ClientSampleId :
 M3-T0-OZ(PRE)DL

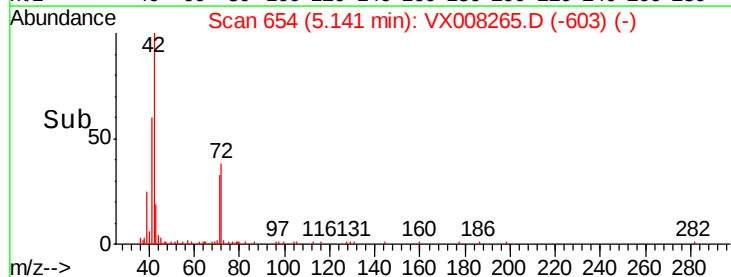
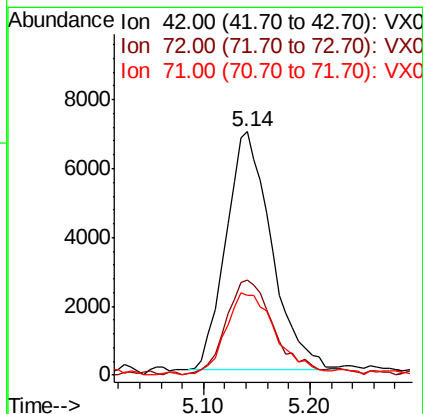
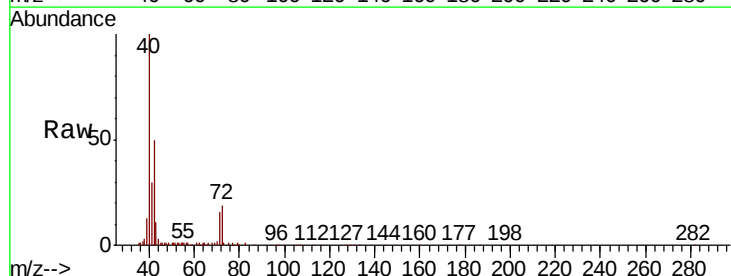
Tot Ion	96	Resp	3543
Ion	Ratio	Lower	Upper
96	100		
61	141.4	0.0	288.0
98	71.2	0.0	129.0

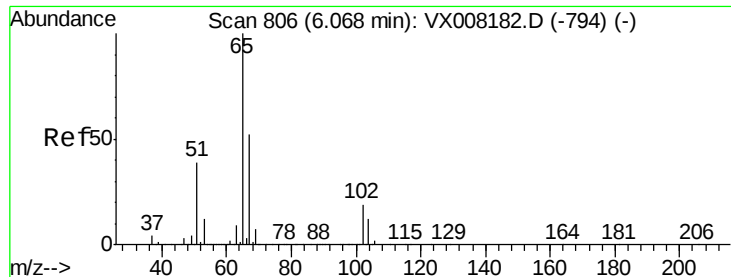


#29

Tetrahydrofuran
 Concen: 8.324 ug/l
 RT: 5.14 min Scan# 654
 Delta R.T. 0.01 min
 Lab File: VX008265.D
 Acq: 21 Mar 2019 01:37

Tgt Ion	42	Resp	20774
Ion	Ratio	Lower	Upper
42	100		
72	42.1	33.8	50.6
71	38.0	31.5	47.3

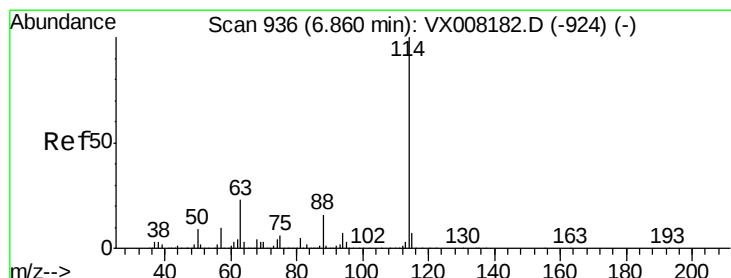
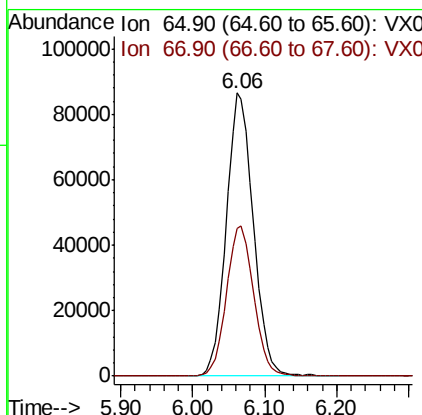
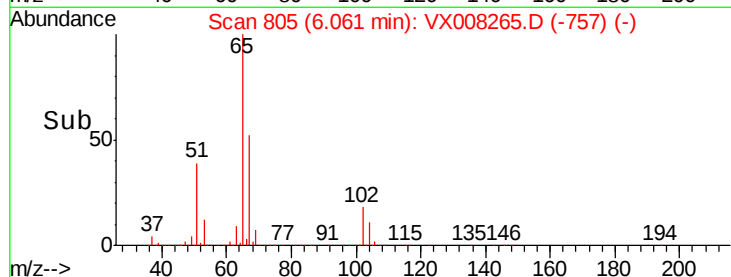
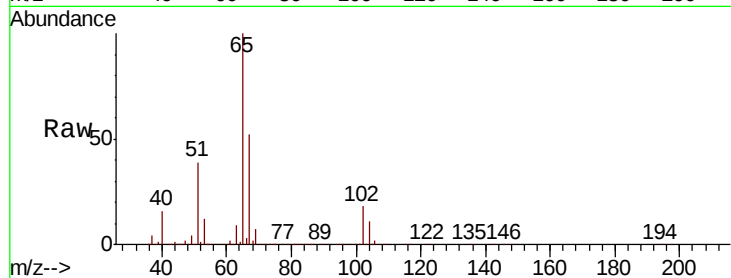




#33
 1,2-Dichloroethane-d4
 Concen: 47.187 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: VX008265.D
 Acq: 21 Mar 2019 01:37

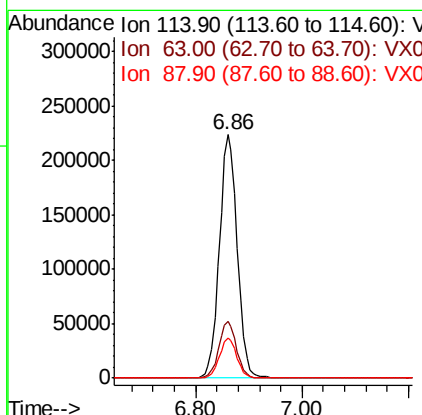
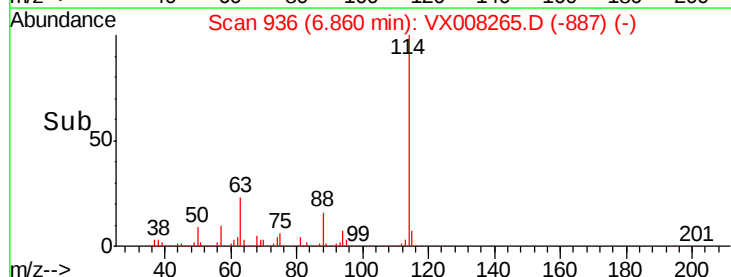
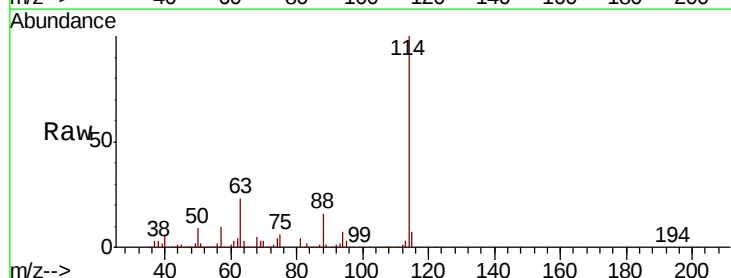
Instrument :
 MSVOA_X
 ClientSampleId :
 M3-T0-OZ(PRE)DL

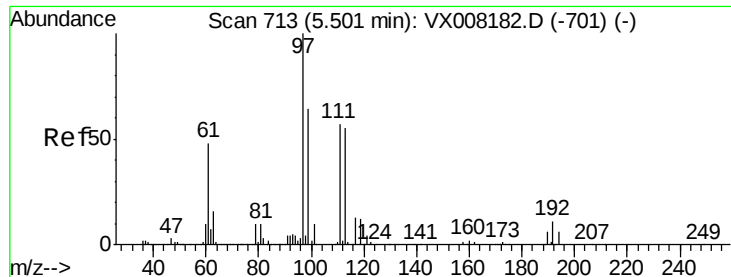
Tot Ion: 65 Resp: 225020
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 110.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX008265.D
 Acq: 21 Mar 2019 01:37

Tgt Ion: 114 Resp: 524305
 Ion Ratio Lower Upper
 114 100
 63 23.1 0.0 39.8
 88 16.4 0.0 31.4

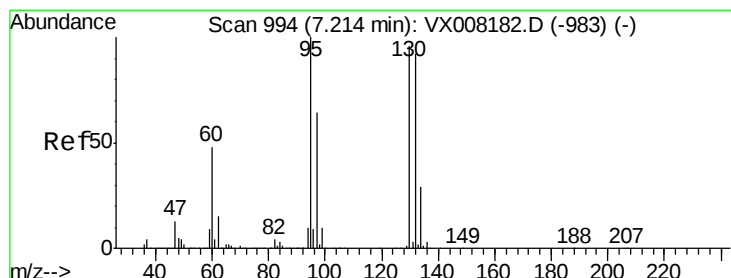
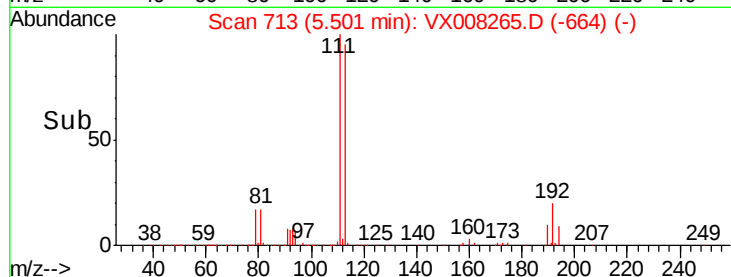
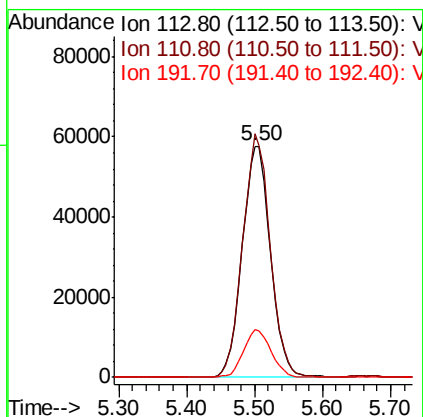
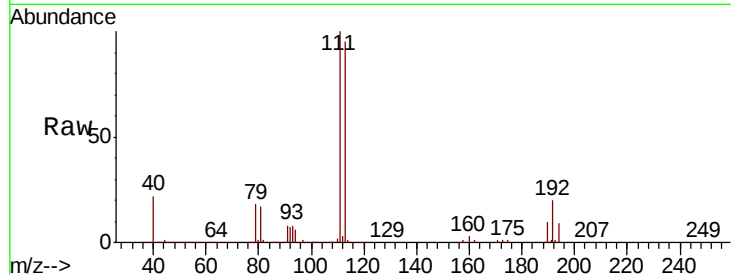




#35
 Dibromofluoromethane
 Concen: 47.435 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX008265.D
 Acq: 21 Mar 2019 01:37

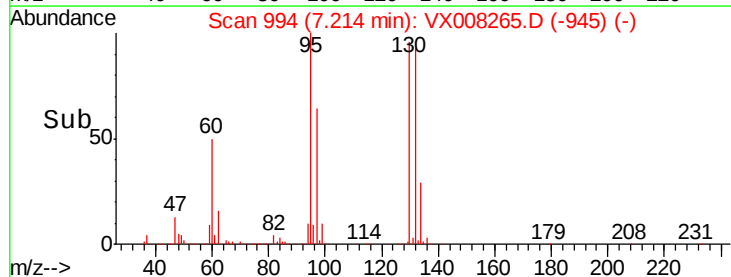
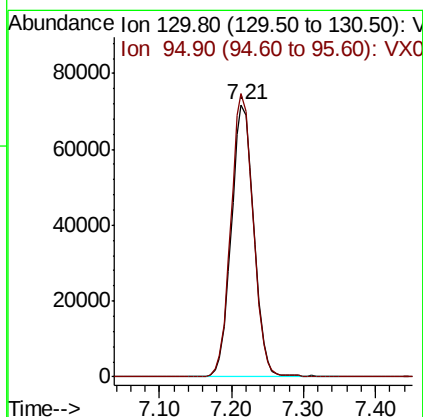
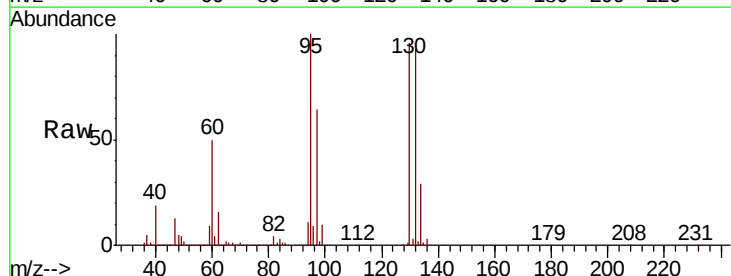
Instrument :
 MSVOA_X
 ClientSampleId :
 M3-T0-OZ(PRE)DL

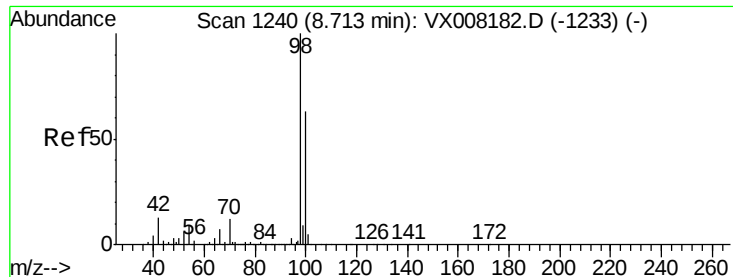
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.4	122.0
192	20.3	19.4	29.0



#44
 Trichloroethene
 Concen: 35.435 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX008265.D
 Acq: 21 Mar 2019 01:37

Tgt Ion	Ratio	Lower	Upper
130	100		
95	103.9	0.0	188.0





#50

Toluene-d8

Concen: 47.915 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX008265.D

Acq: 21 Mar 2019 01:37

Instrument :

MSVOA_X

ClientSampleId :

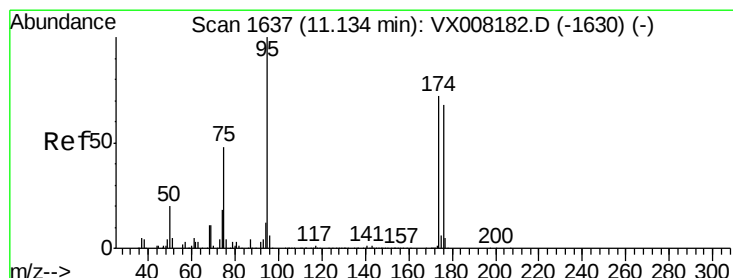
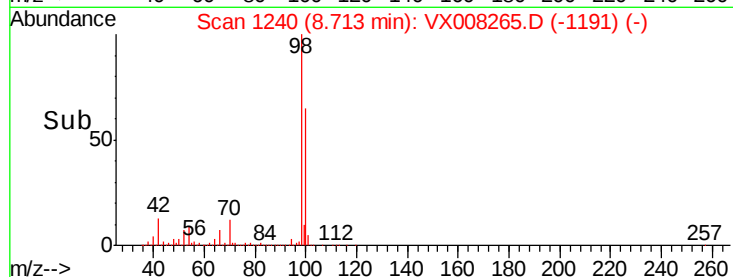
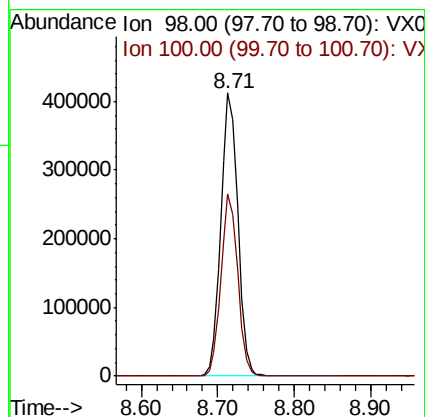
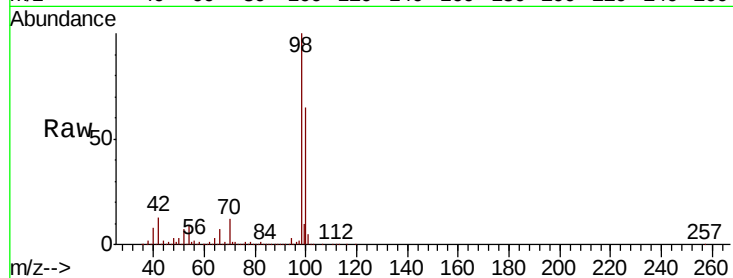
M3-T0-OZ(PRE)DL

Tot Ion: 98 Resp: 637616

Ion Ratio Lower Upper

98 100

100 63.2 51.7 77.5



#62

4-Bromofluorobenzene

Concen: 43.479 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX008265.D

Acq: 21 Mar 2019 01:37

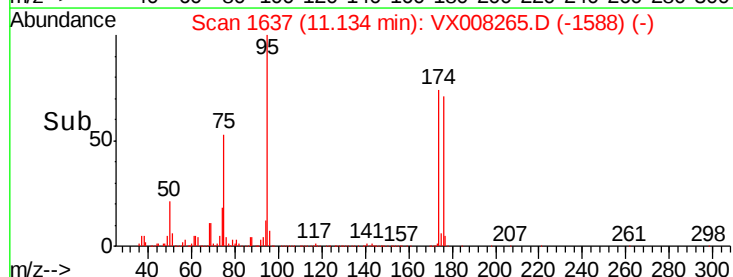
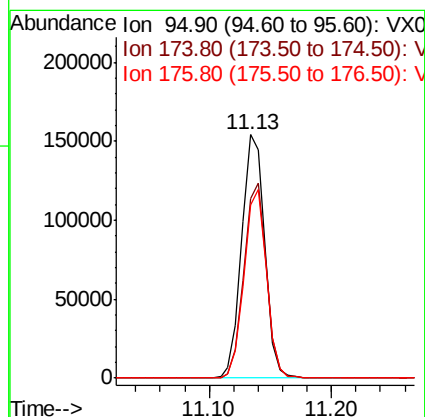
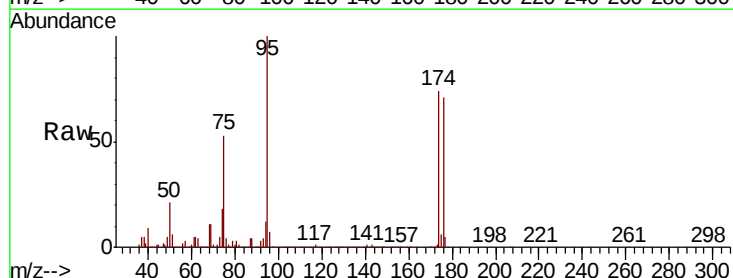
Tgt Ion: 95 Resp: 199216

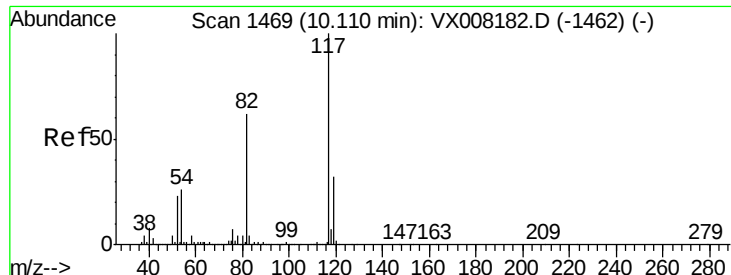
Ion Ratio Lower Upper

95 100

174 78.7 0.0 182.8

176 75.9 0.0 178.0

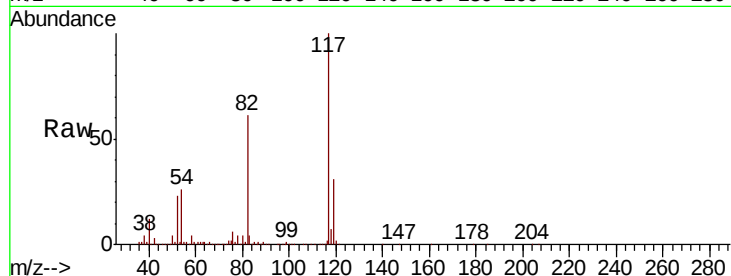




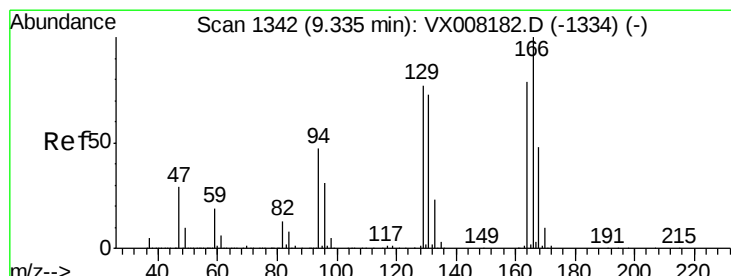
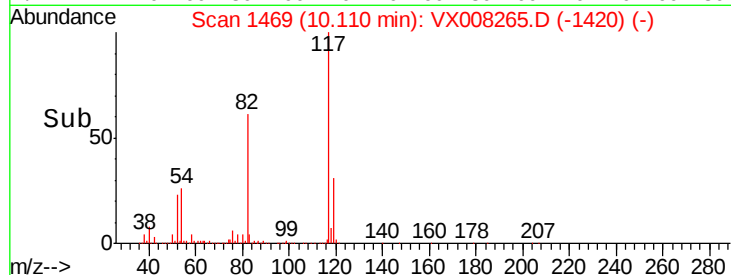
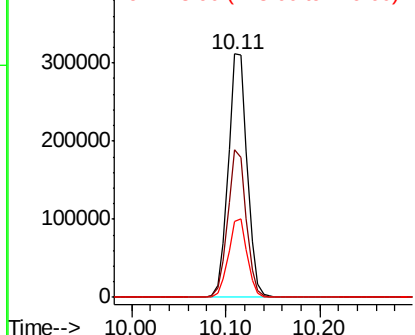
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX008265.D
Acq: 21 Mar 2019 01:37

Instrument :
MSVOA_X
ClientSampleId :
M3-T0-OZ(PRE)DL

Tot Ion:117 Resp: 432885
Ion Ratio Lower Upper
117 100
82 60.8 44.3 66.5
119 31.4 25.3 37.9

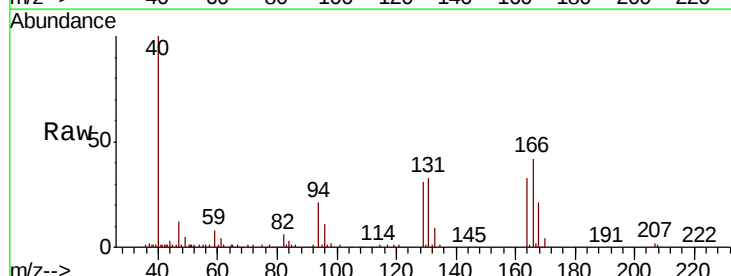


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

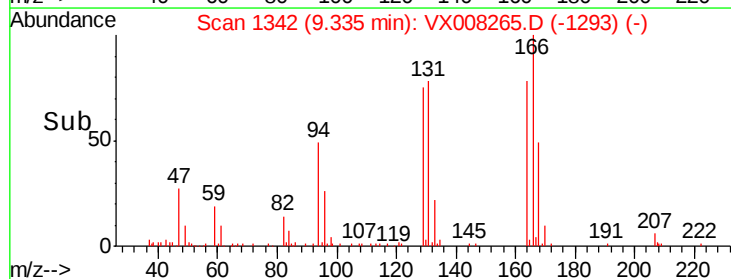
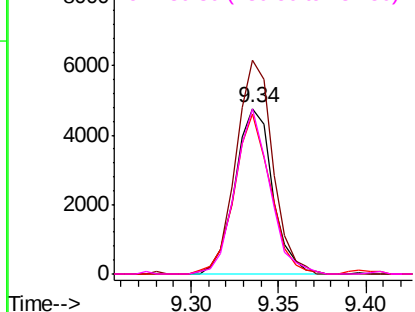


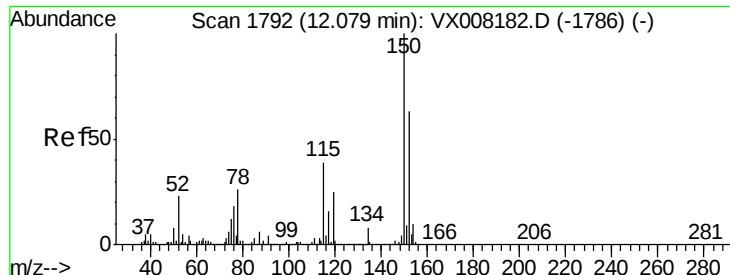
#64
Tetrachloroethene
Concen: 1.823 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX008265.D
Acq: 21 Mar 2019 01:37

Tgt Ion:164 Resp: 7119
Ion Ratio Lower Upper
164 100
166 128.9 103.4 155.0
129 96.5 72.2 108.4
131 99.9 69.4 104.2



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: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX008265.D

Acq: 21 Mar 2019 01:37

Instrument :

MSVOA_X

ClientSampleId :

M3-T0-OZ(PRE)DL

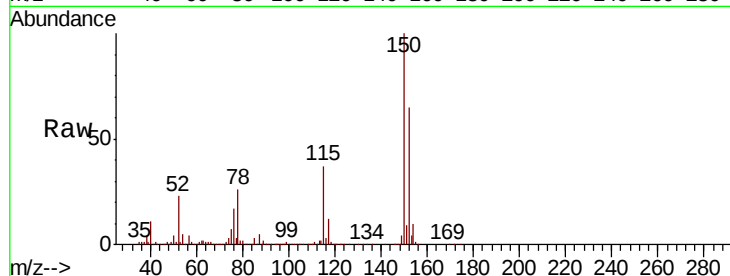
Tot Ion:152 Resp: 171991

Ion Ratio Lower Upper

152 100

115 59.9 38.6 115.7

150 154.7 0.0 348.4



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

