

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032519\
 Data File : VX008424.D
 Acq On : 25 Mar 2019 21:00
 Operator : JC/SP
 Sample : K1945-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 M4-T2-OZ(PRE)

Quant Time: Mar 26 06:51:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 26 04:58:03 2019
 Response via : Initial Calibration

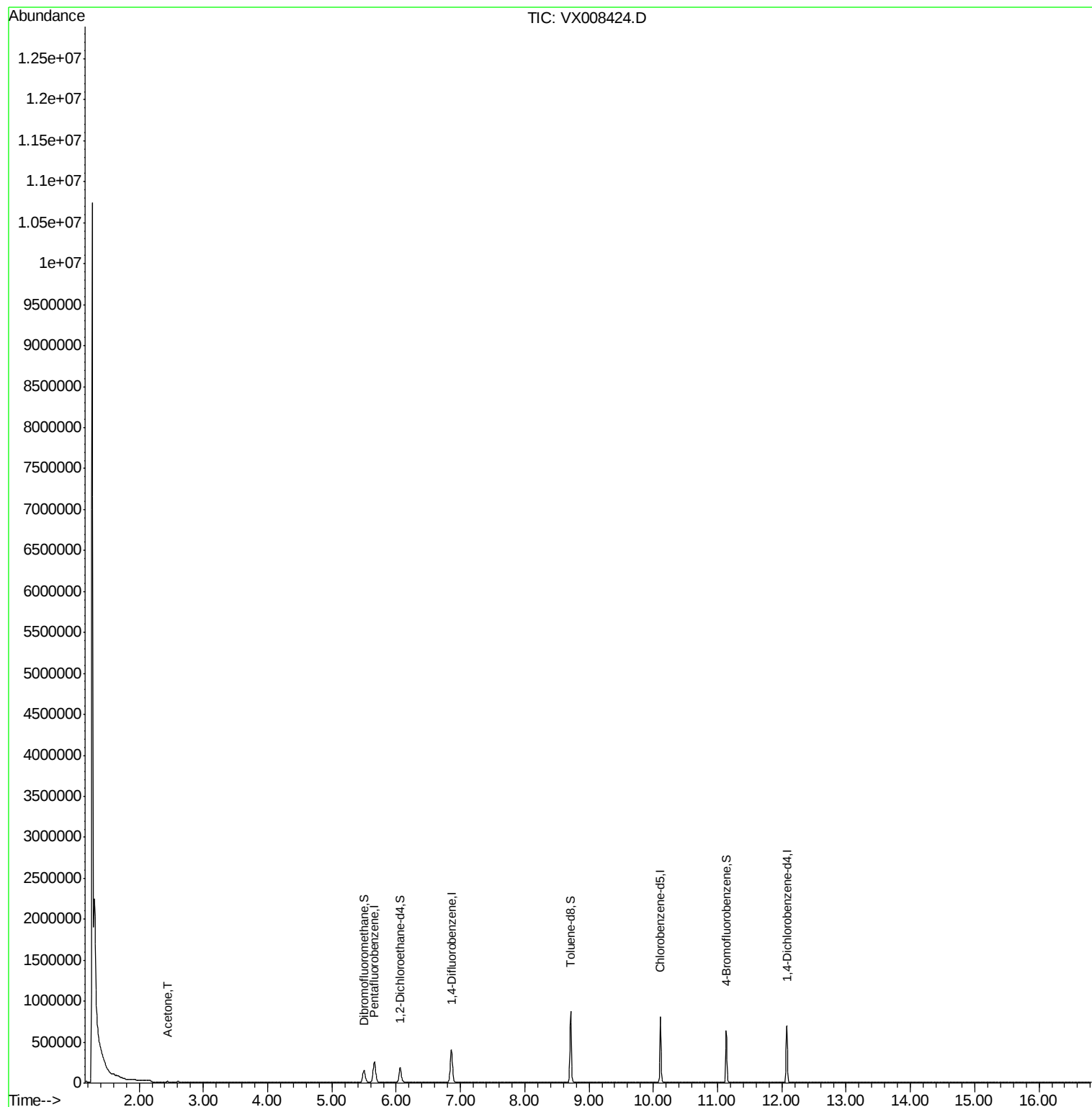
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	232148	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	391905	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	337833	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	137368	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	165351	46.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.96%	
35) Dibromofluoromethane	5.50	113	122781	48.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.10%	
50) Toluene-d8	8.71	98	493659	48.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.62%	
62) 4-Bromofluorobenzene	11.13	95	166433	43.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.92%	
Target Compounds						
16) Acetone	2.44	43	10290	5.594	ug/l	Qvalue 98

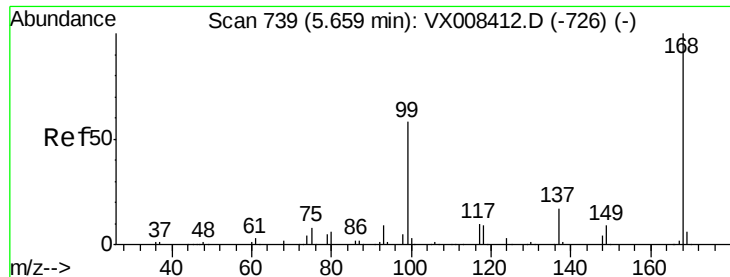
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.00 min

Lab File: VX008424.D

Acq: 25 Mar 2019 21:00

Instrument :

MSVOA_X

ClientSampleId :

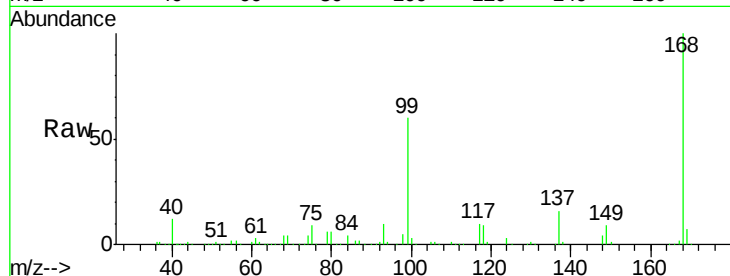
M4-T2-OZ(PRE)

Tot Ion:168 Resp: 232148

Ion Ratio Lower Upper

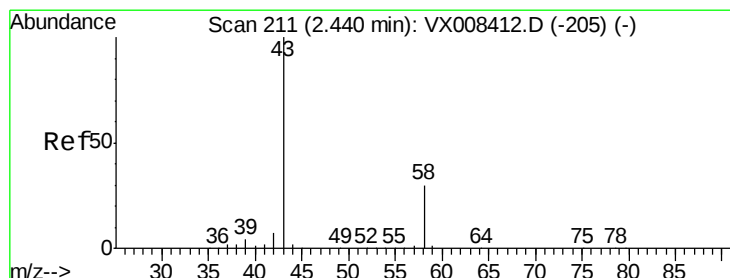
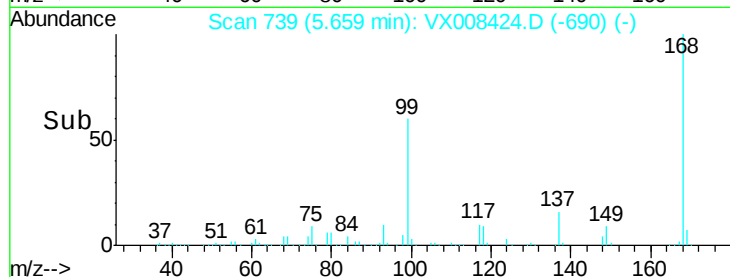
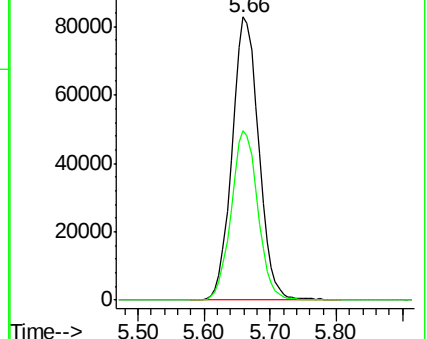
168 100

99 59.6 46.0 69.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 5.594 ug/l

RT: 2.44 min Scan# 211

Delta R.T. 0.00 min

Lab File: VX008424.D

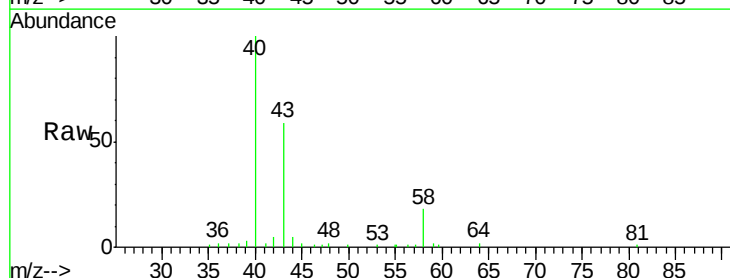
Acq: 25 Mar 2019 21:00

Tgt Ion: 43 Resp: 10290

Ion Ratio Lower Upper

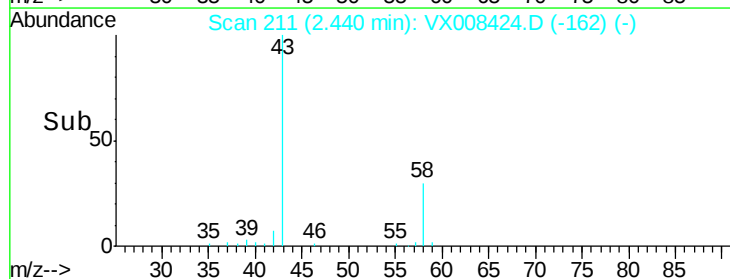
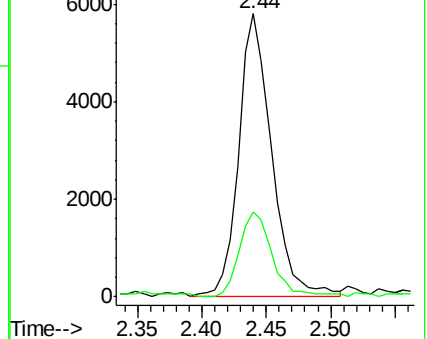
43 100

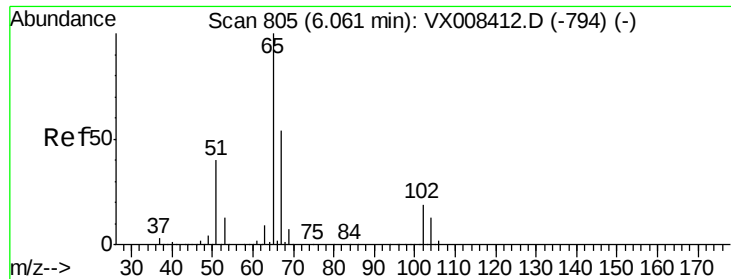
58 29.2 24.2 36.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#33

1,2-Dichloroethane-d4

Concen: 46.982 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX008424.D

Acq: 25 Mar 2019 21:00

Instrument :

MSVOA_X

ClientSampleId :

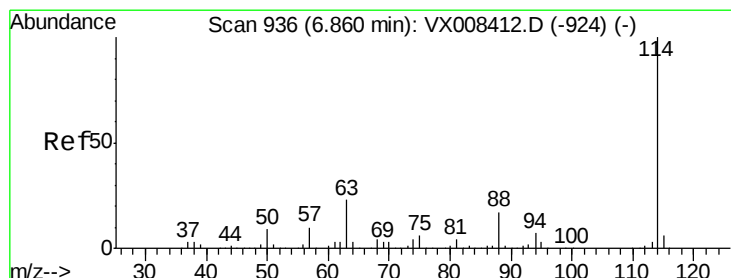
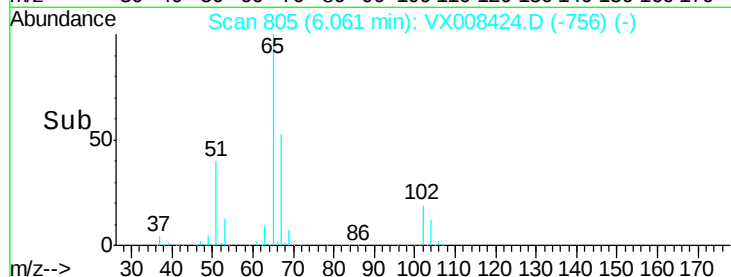
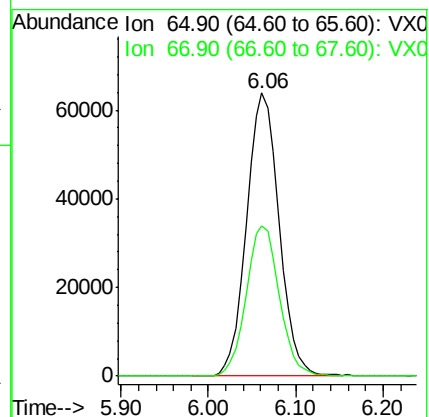
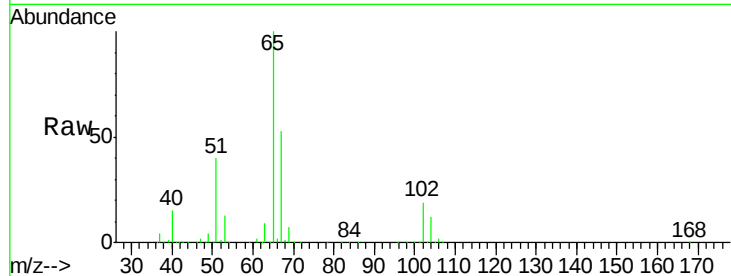
M4-T2-OZ(PRE)

Tot Ion: 65 Resp: 165351

Ion Ratio Lower Upper

65 100

67 54.1 0.0 109.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX008424.D

Acq: 25 Mar 2019 21:00

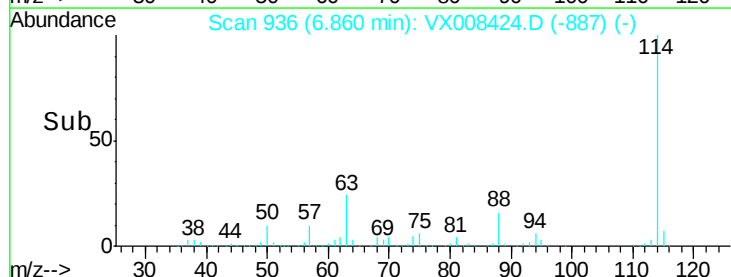
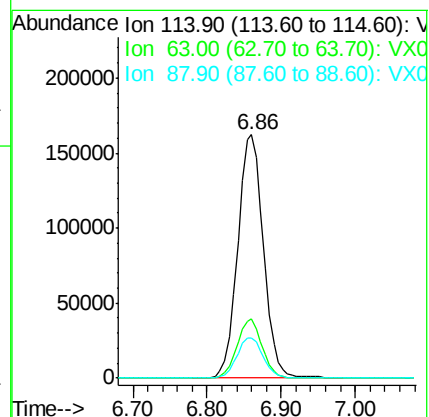
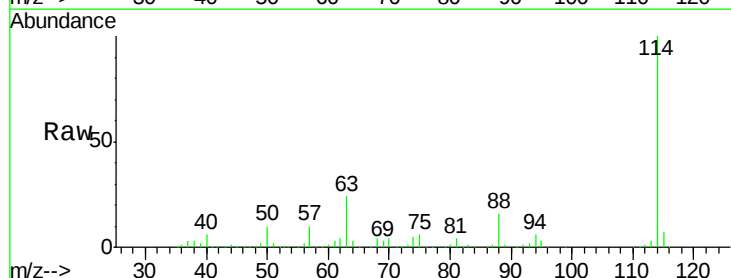
Tgt Ion: 114 Resp: 391905

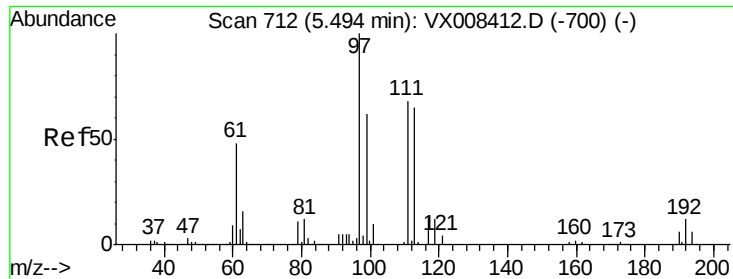
Ion Ratio Lower Upper

114 100

63 24.1 0.0 46.4

88 16.5 0.0 33.2

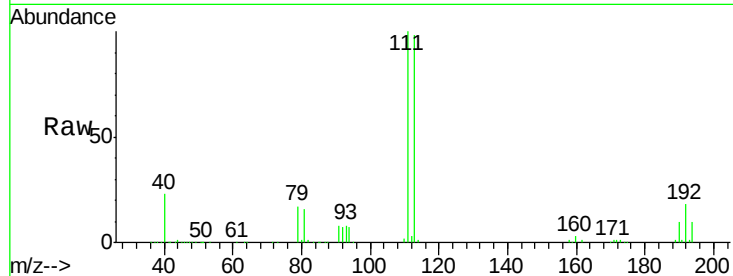




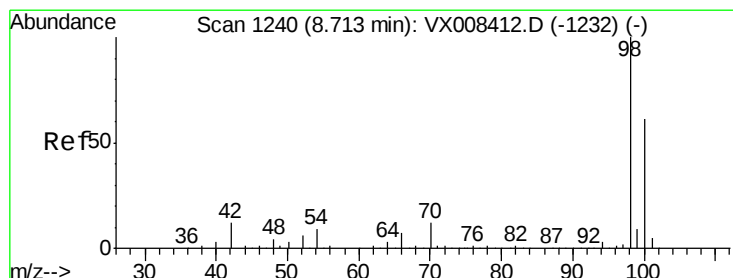
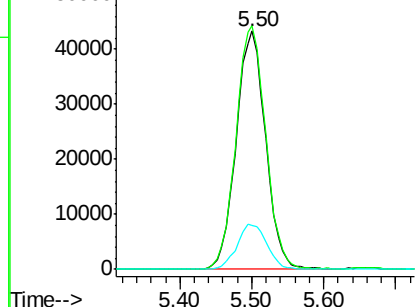
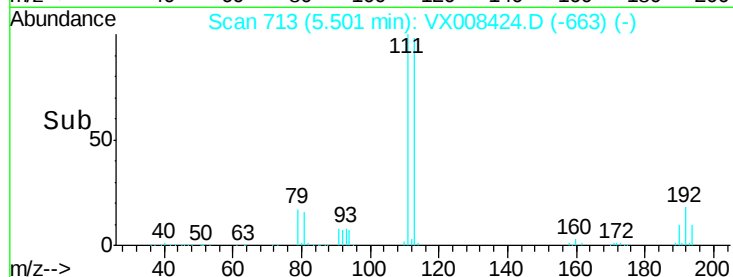
#35
Dibromofluoromethane
Concen: 48.048 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.01 min
Lab File: VX008424.D
Acq: 25 Mar 2019 21:00

Instrument :
MSVOA_X
ClientSampleId :
M4-T2-OZ(PRE)

Tot Ion:113 Resp: 122781
Ion Ratio Lower Upper
113 100
111 103.3 83.0 124.4
192 19.3 15.6 23.4

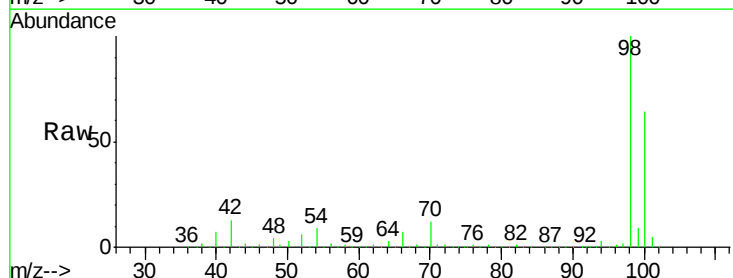


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

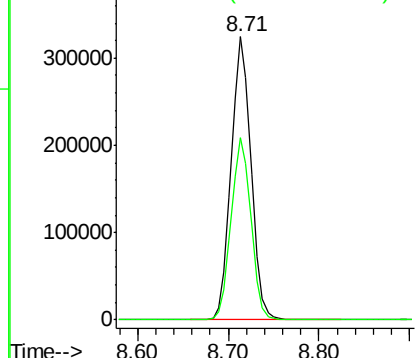
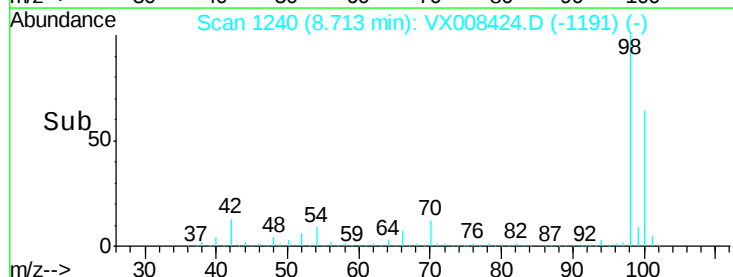


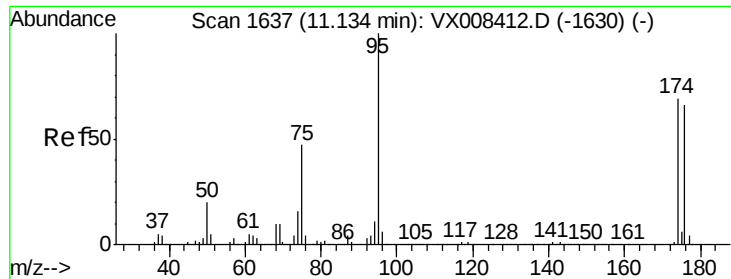
#50
Toluene-d8
Concen: 48.313 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX008424.D
Acq: 25 Mar 2019 21:00

Tgt Ion: 98 Resp: 493659
Ion Ratio Lower Upper
98 100
100 64.3 51.1 76.7



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

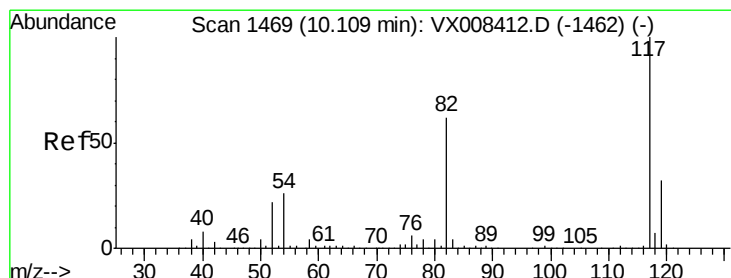
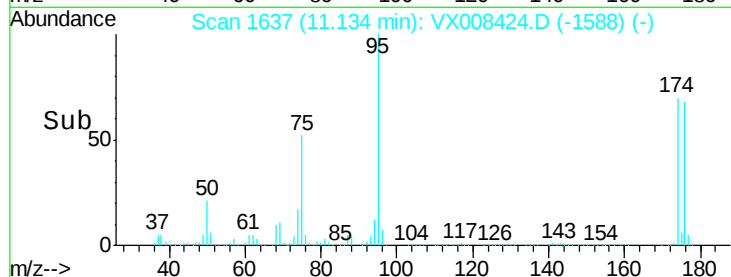
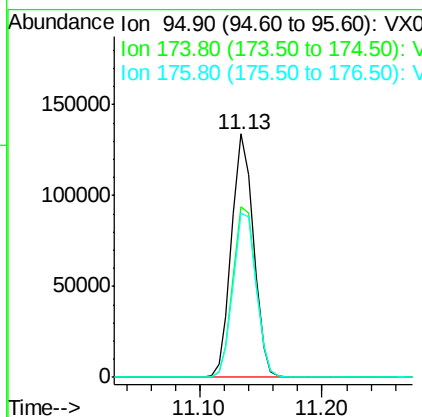
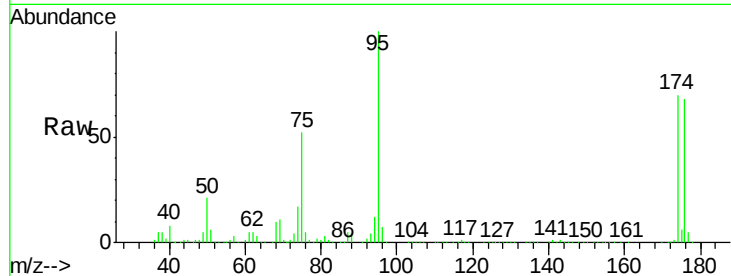




#62
4-Bromofluorobenzene
Concen: 43.955 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX008424.D
Acq: 25 Mar 2019 21:00

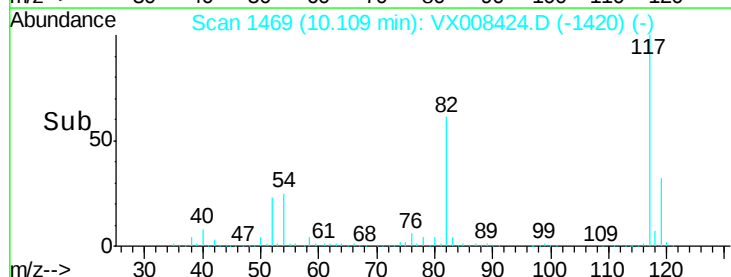
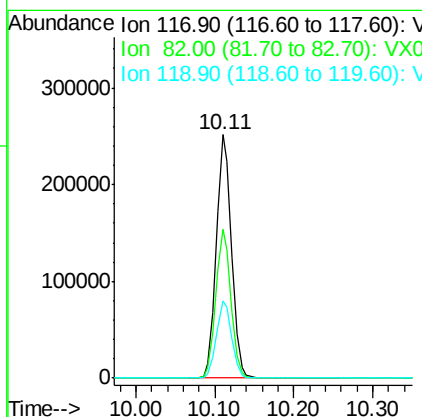
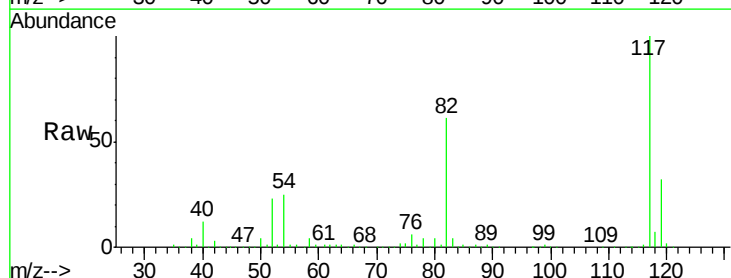
Instrument :
MSVOA_X
ClientSampleId :
M4-T2-OZ(PRE)

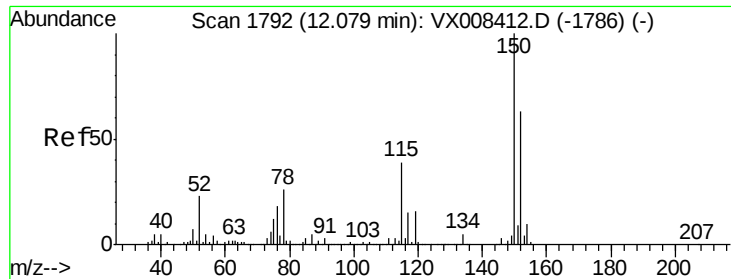
Tot Ion: 95 Resp: 166433
Ion Ratio Lower Upper
95 100
174 73.4 0.0 147.2
176 70.9 0.0 142.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX008424.D
Acq: 25 Mar 2019 21:00

Tgt Ion: 117 Resp: 337833
Ion Ratio Lower Upper
117 100
82 61.0 49.4 74.2
119 31.5 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX008424.D

Acq: 25 Mar 2019 21:00

Instrument :

MSVOA_X

ClientSampleId :

M4-T2-OZ(PRE)

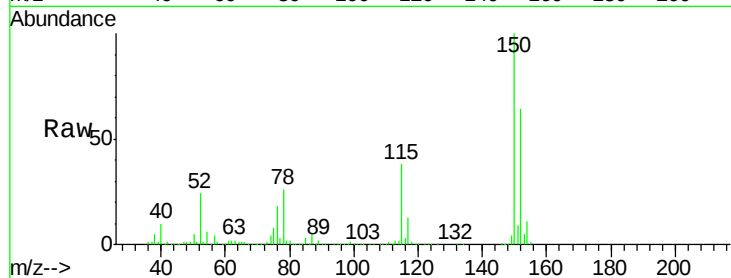
Tot Ion:152 Resp: 137368

Ion Ratio Lower Upper

152 100

115 61.4 43.5 130.5

150 158.0 0.0 348.8



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

