

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100919\
 Data File : VX012974.D
 Acq On : 10 Oct 2019 04:33
 Operator : JC/SP
 Sample : K5259-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JMW1982

Quant Time: Oct 10 09:08:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 09 01:51:23 2019
 Response via : Initial Calibration

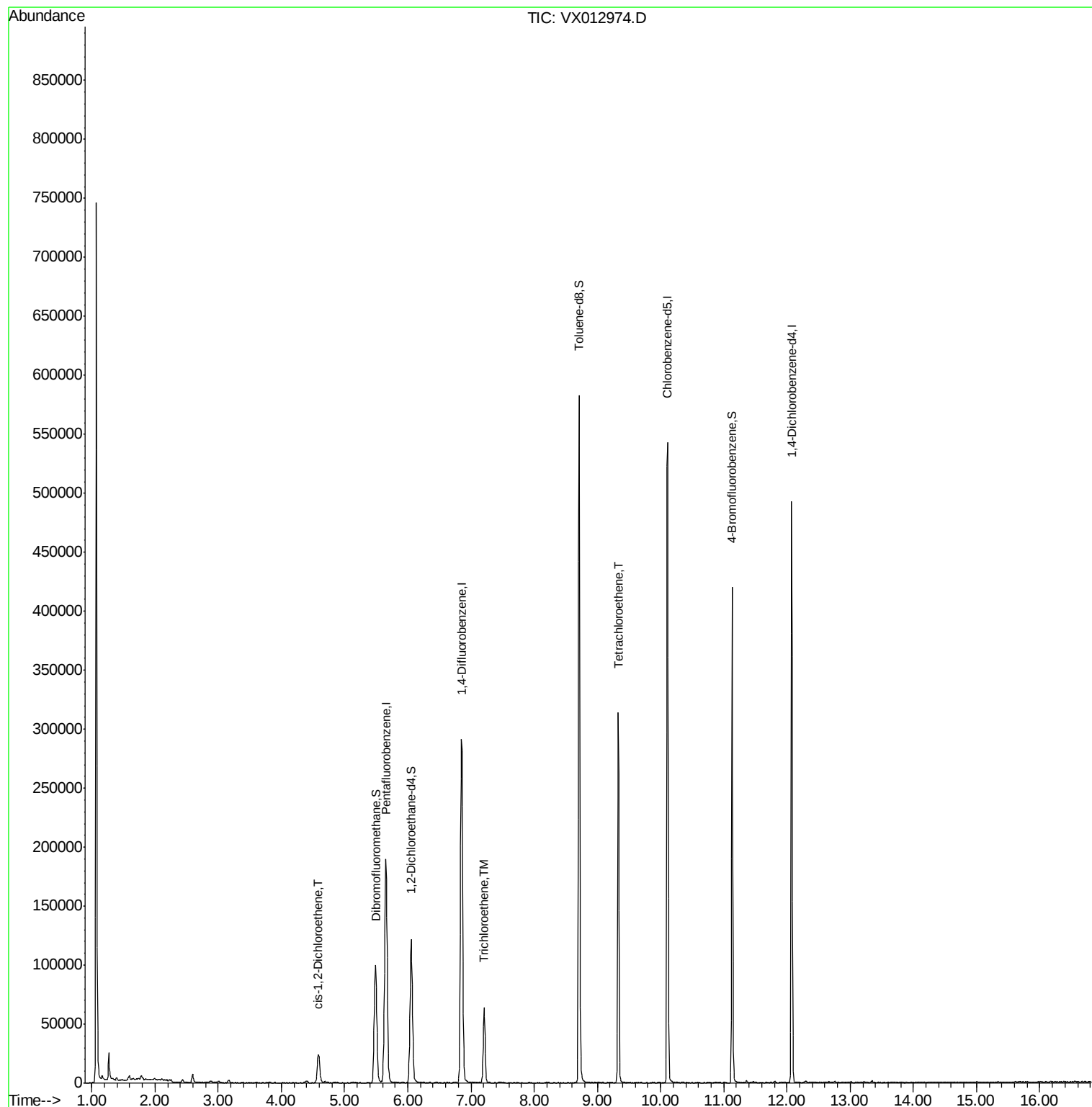
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	176454	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	296367	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	251236	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	97222	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	115802	52.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.02%	
35) Dibromofluoromethane	5.49	113	87189	51.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.52%	
50) Toluene-d8	8.71	98	346574	52.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.48%	
62) 4-Bromofluorobenzene	11.14	95	116511	45.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.40%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.58	96	16161	7.336	ug/l	88
44) Trichloroethene	7.21	130	25006	11.717	ug/l	94
64) Tetrachloroethene	9.33	164	57602	33.056	ug/l	94

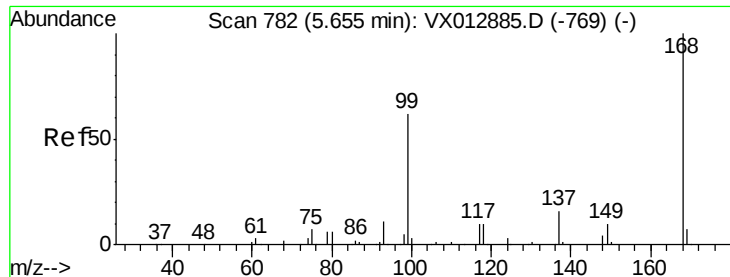
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Oct 09 01:51:23 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.00 min

Lab File: VX012974.D

Acq: 10 Oct 2019 04:33

Instrument :

MSVOA_X

ClientSampleId :

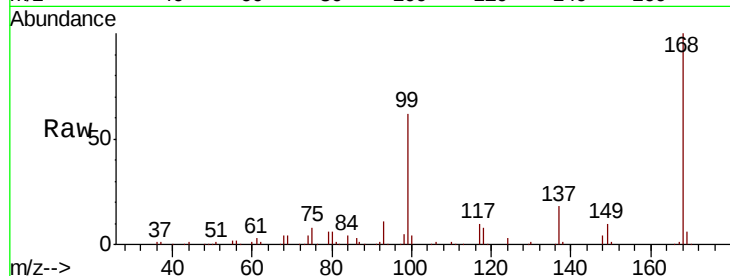
FA19-JMW1982

Tot Ion:168 Resp: 176454

Ion Ratio Lower Upper

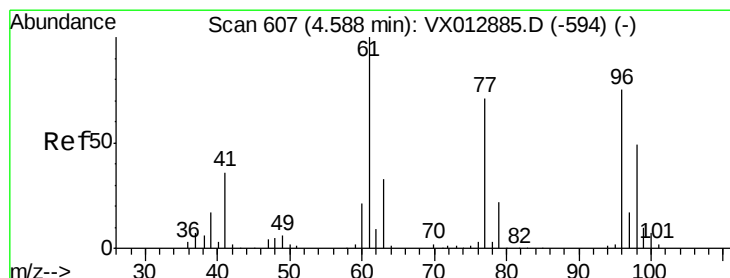
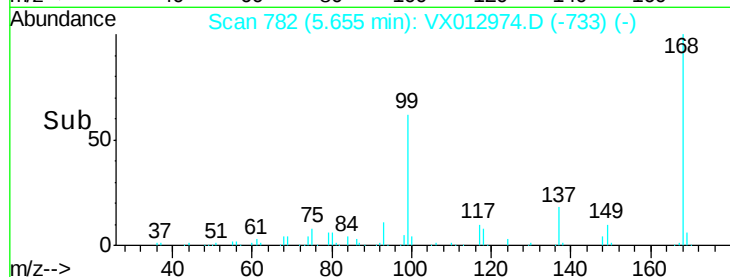
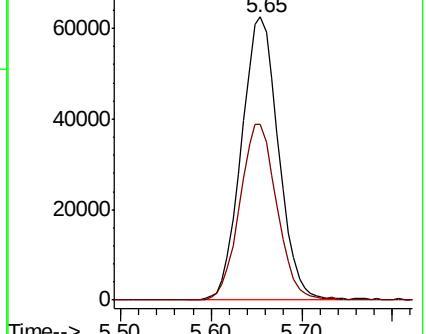
168 100

99 62.3 49.4 74.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#27

cis-1,2-Dichloroethene

Concen: 7.336 ug/l

RT: 4.58 min Scan# 606

Delta R.T. -0.01 min

Lab File: VX012974.D

Acq: 10 Oct 2019 04:33

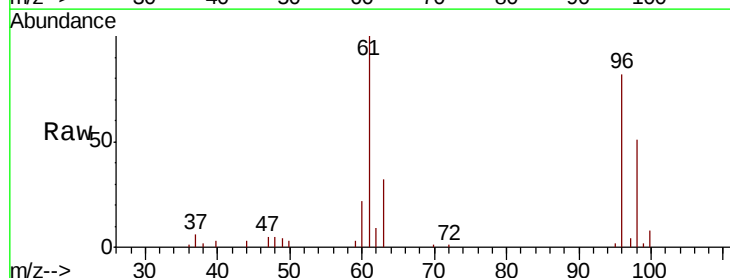
Tgt Ion: 96 Resp: 16161

Ion Ratio Lower Upper

96 100

61 125.0 0.0 290.6

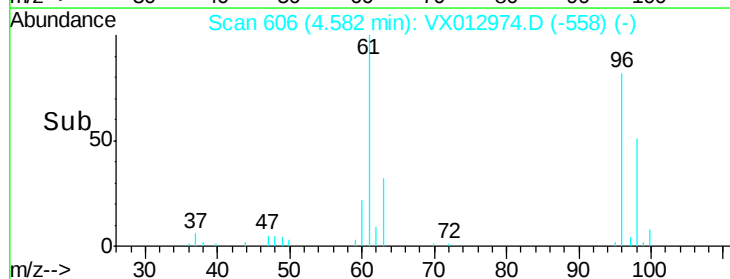
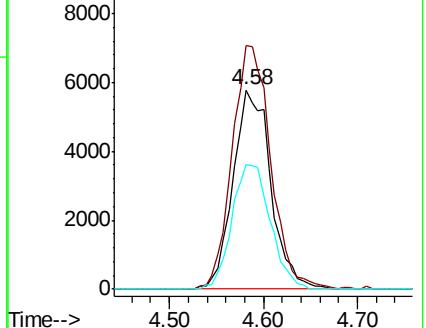
98 63.8 0.0 128.8

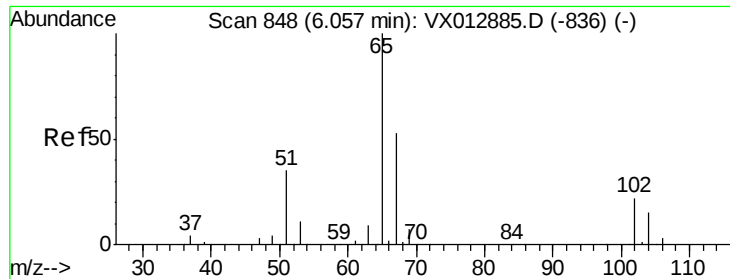


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

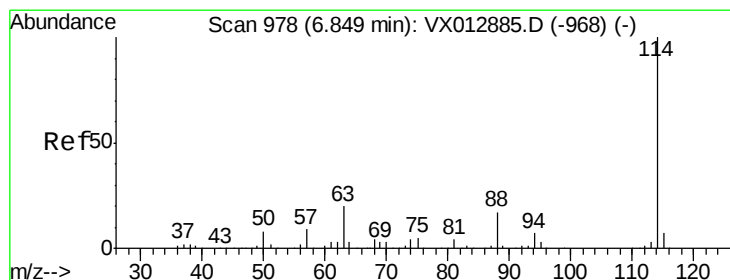
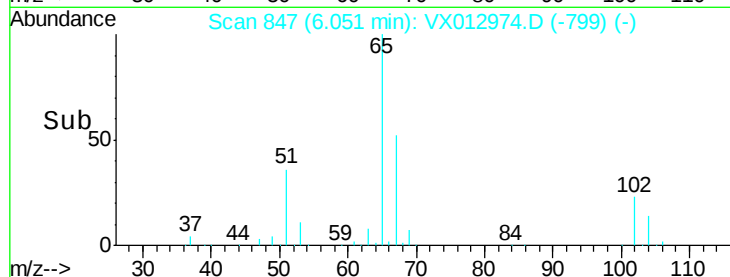
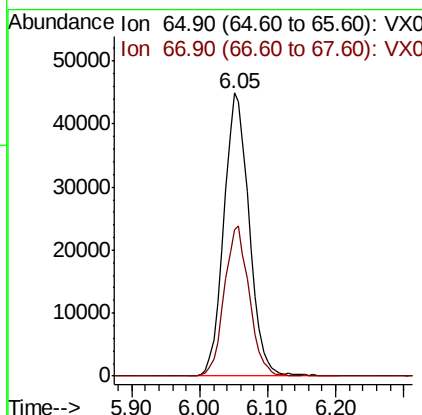
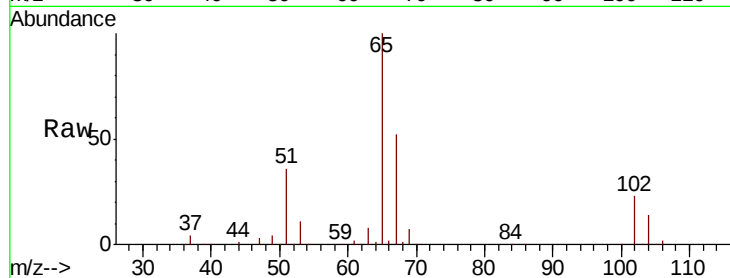




#33
 1,2-Dichloroethane-d4
 Concen: 52.507 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.01 min
 Lab File: VX012974.D
 Acq: 10 Oct 2019 04:33

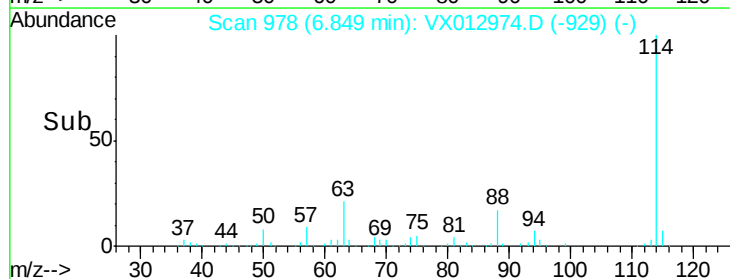
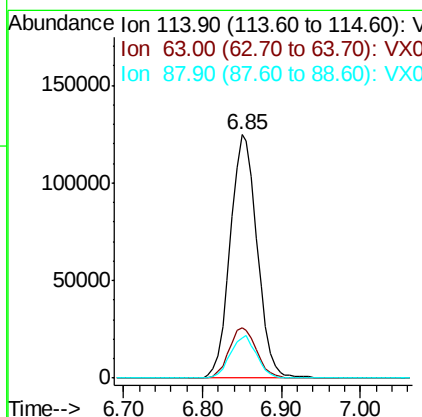
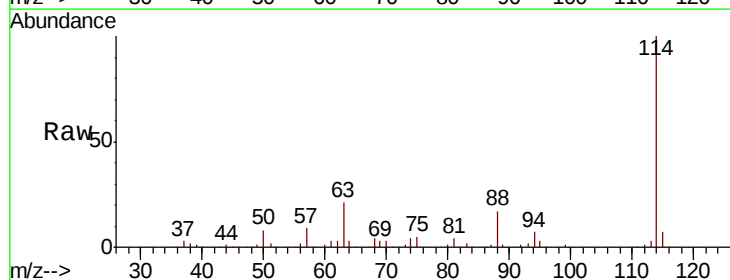
Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JMW1982

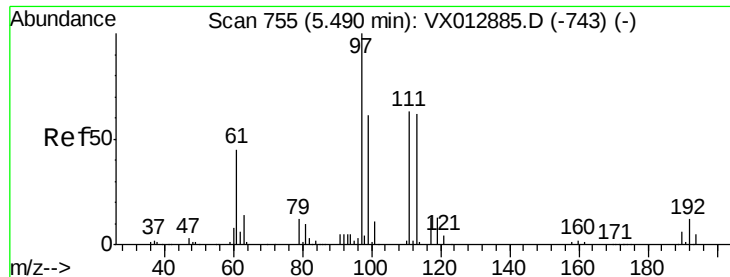
Tot Ion: 65 Resp: 115802
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012974.D
 Acq: 10 Oct 2019 04:33

Tgt Ion: 114 Resp: 296367
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 40.8
 88 16.7 0.0 33.8

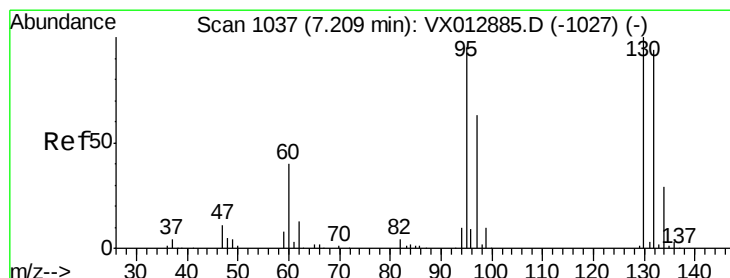
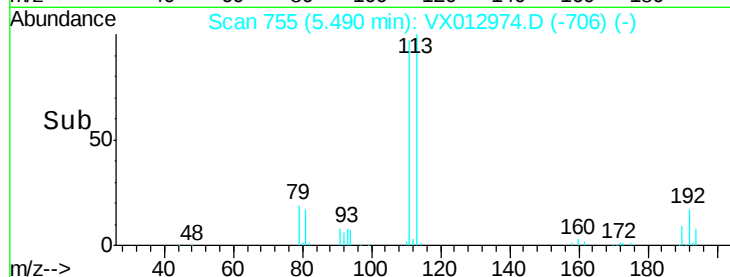
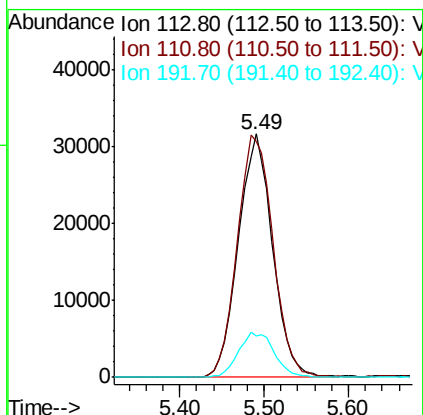
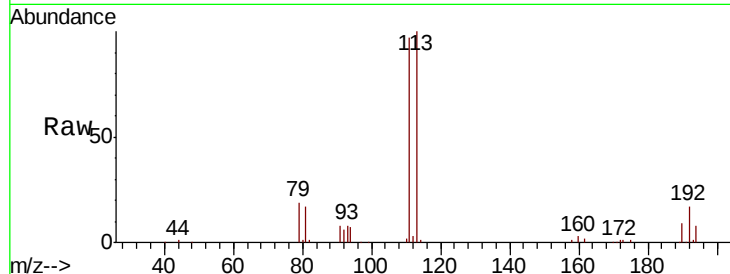




#35
Dibromofluoromethane
Concen: 51.258 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX012974.D
Acq: 10 Oct 2019 04:33

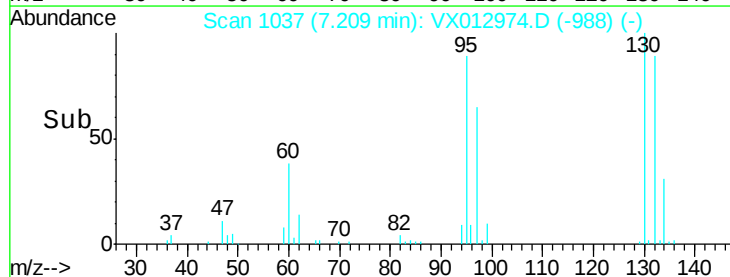
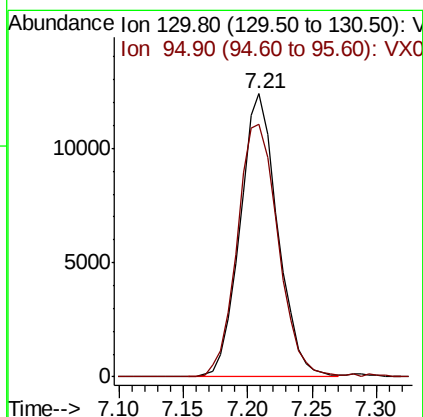
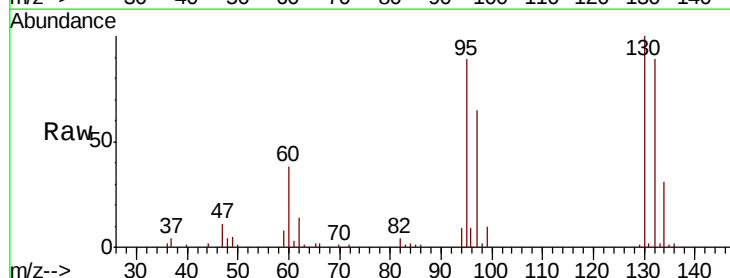
Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW1982

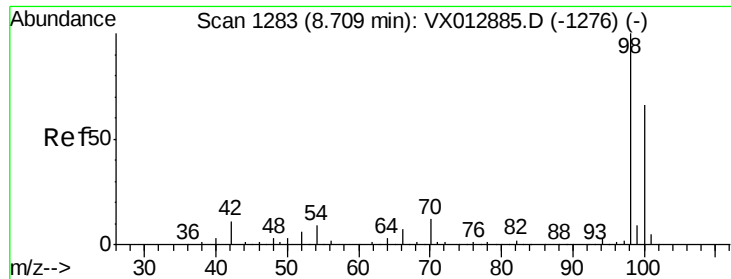
Tot Ion:113 Resp: 87189
Ion Ratio Lower Upper
113 100
111 103.9 83.2 124.8
192 19.3 15.4 23.2



#44
Trichloroethene
Concen: 11.717 ug/l
RT: 7.21 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VX012974.D
Acq: 10 Oct 2019 04:33

Tgt Ion:130 Resp: 25006
Ion Ratio Lower Upper
130 100
95 89.2 0.0 189.2





#50

Toluene-d8

Concen: 52.240 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX012974.D

Acq: 10 Oct 2019 04:33

Instrument :

MSVOA_X

ClientSampleId :

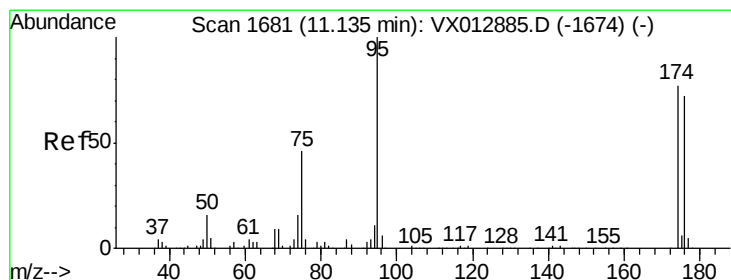
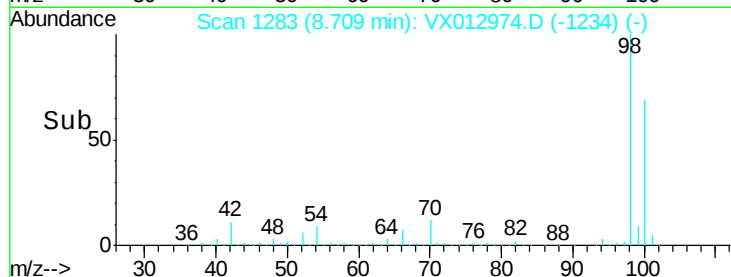
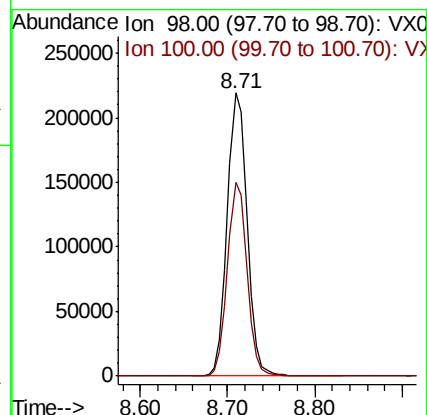
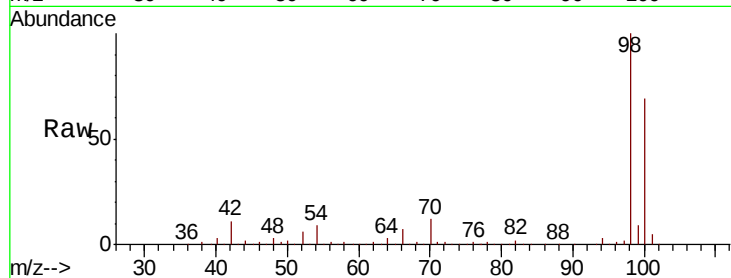
FA19-JMW1982

Tot Ion: 98 Resp: 346574

Ion Ratio Lower Upper

98 100

100 67.5 53.4 80.2



#62

4-Bromofluorobenzene

Concen: 45.198 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012974.D

Acq: 10 Oct 2019 04:33

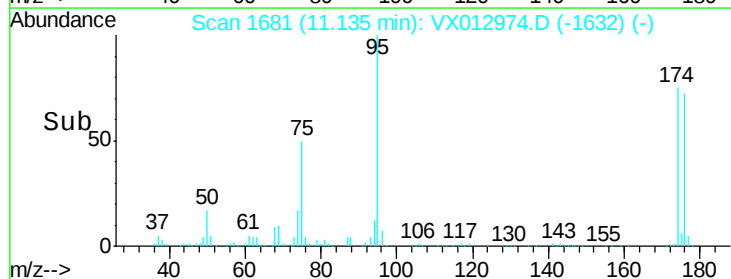
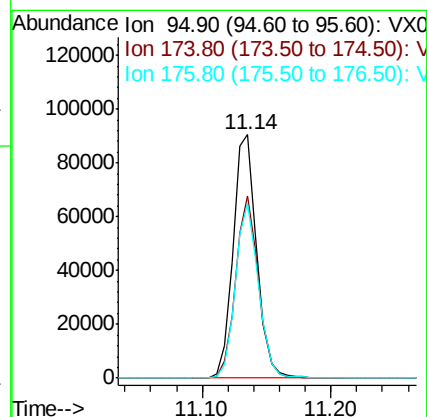
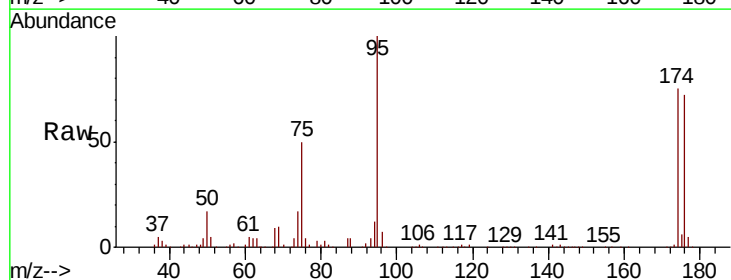
Tgt Ion: 95 Resp: 116511

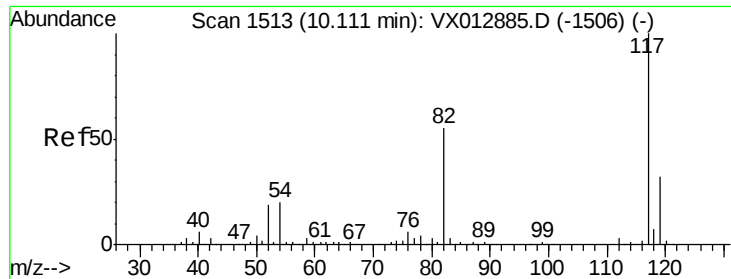
Ion Ratio Lower Upper

95 100

174 72.1 0.0 143.4

176 69.8 0.0 136.0

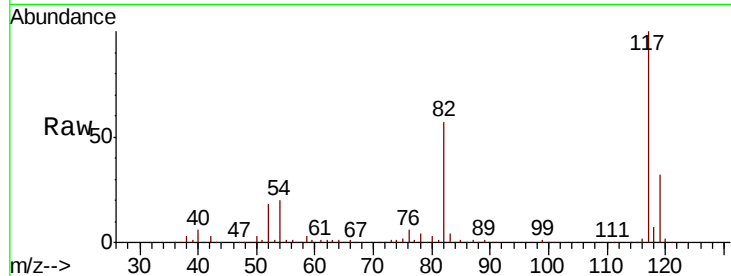




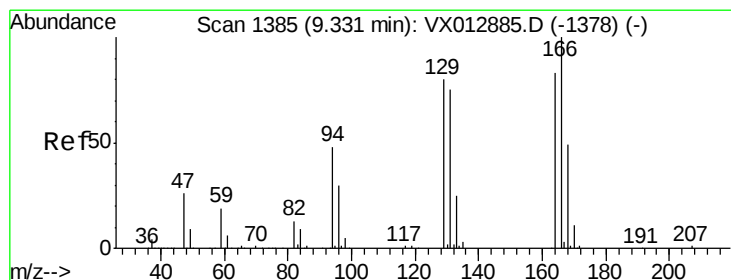
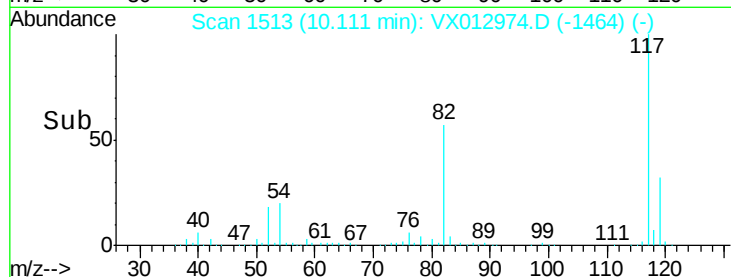
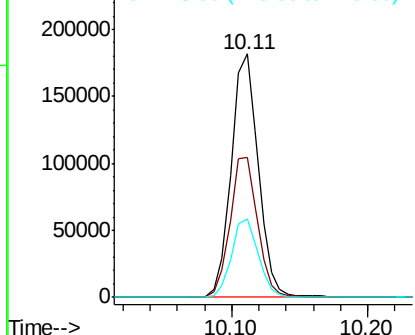
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012974.D
Acq: 10 Oct 2019 04:33

Instrument :
MSVOA_X
ClientSampleId :
FA19-JMW1982

Tot Ion:117 Resp: 251236
Ion Ratio Lower Upper
117 100
82 57.5 44.1 66.1
119 32.4 25.8 38.8



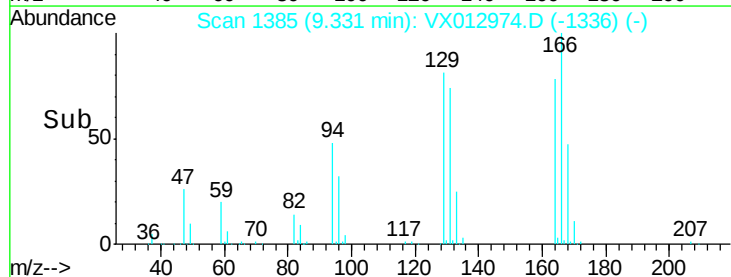
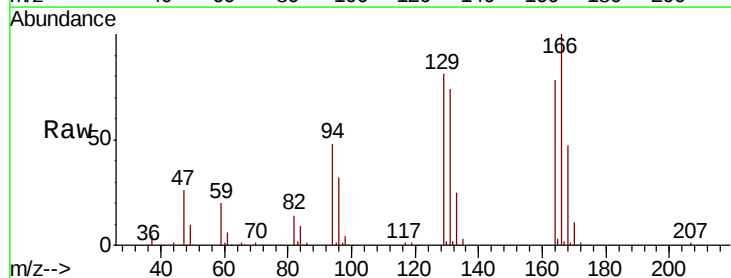
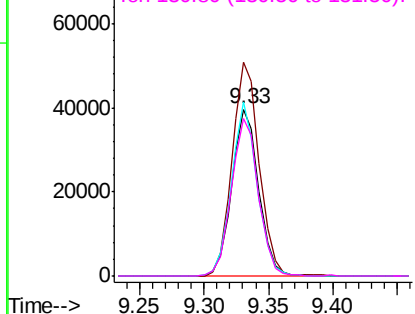
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

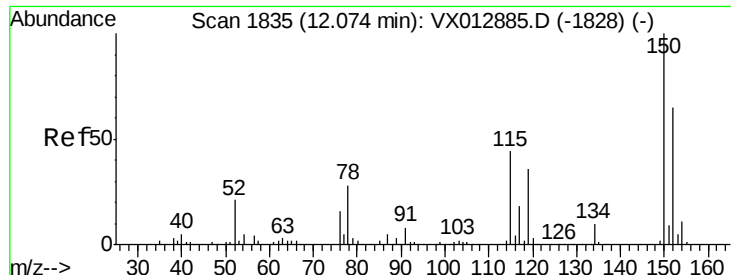


#64
Tetrachloroethene
Concen: 33.056 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX012974.D
Acq: 10 Oct 2019 04:33

Tgt Ion:164 Resp: 57602
Ion Ratio Lower Upper
164 100
166 128.0 96.9 145.3
129 104.2 77.9 116.9
131 94.4 72.7 109.1

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: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX012974.D

Acq: 10 Oct 2019 04:33

Instrument :

MSVOA_X

ClientSampleId :

FA19-JMW1982

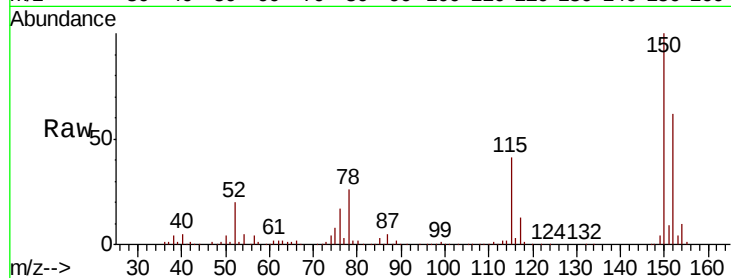
Tot Ion:152 Resp: 97222

Ion Ratio Lower Upper

152 100

115 63.4 44.5 133.5

150 155.6 0.0 353.4



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

