

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041119\
 Data File : VX008854.D
 Acq On : 11 Apr 2019 16:07
 Operator : JC/SP
 Sample : K2349-17DL 4X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 M-19-190409DL

Quant Time: Apr 12 08:14:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

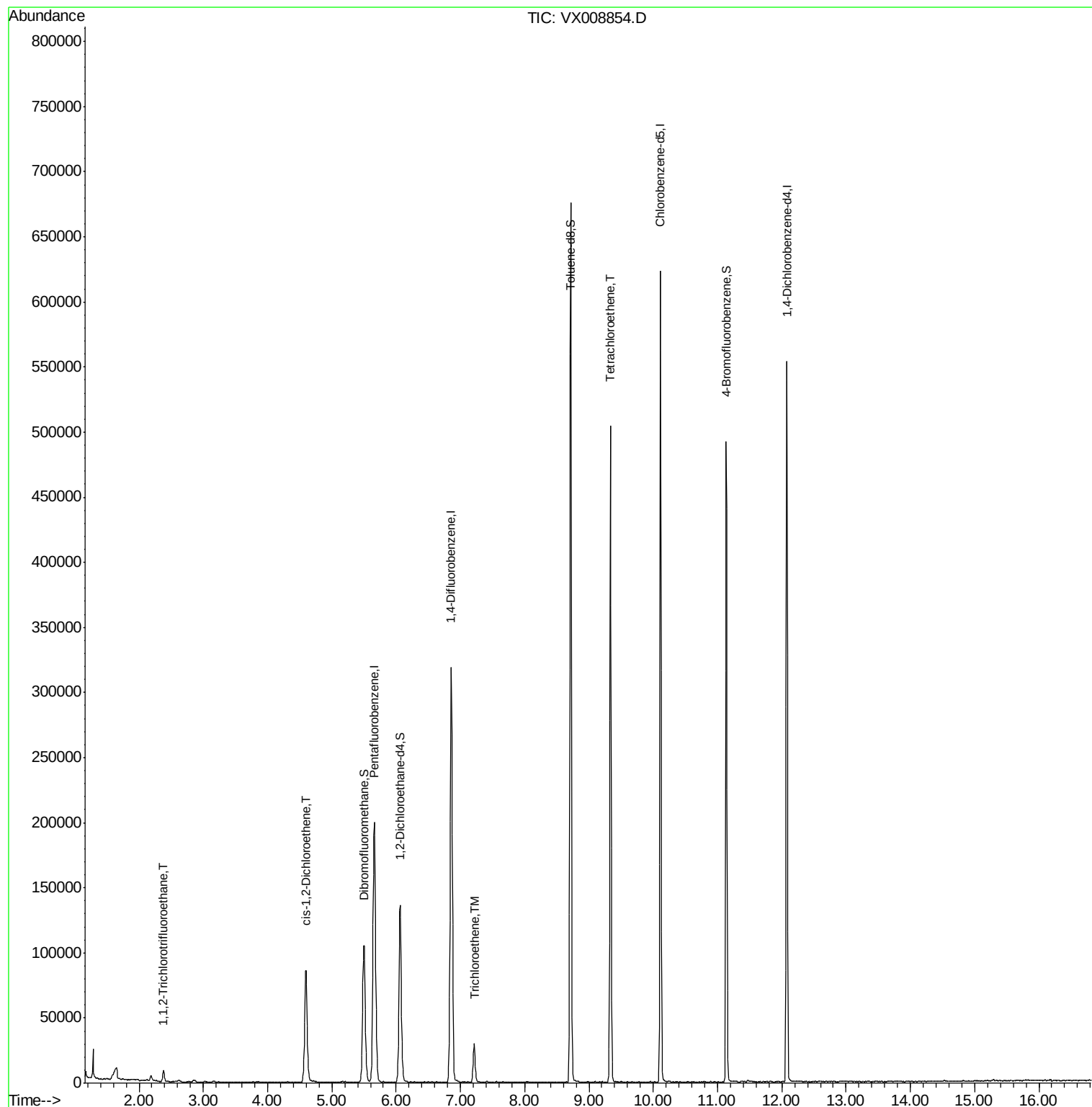
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	192220	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	311099	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	267533	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	113147	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	127744	45.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.12%	
35) Dibromofluoromethane	5.50	113	91124	45.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.62%	
50) Toluene-d8	8.71	98	387190	48.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.78%	
62) 4-Bromofluorobenzene	11.13	95	130170	46.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.70%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	2.38	101	3464	1.627	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	53953	19.523	ug/l	89
44) Trichloroethene	7.21	130	11089	4.700	ug/l	99
64) Tetrachloroethene	9.34	164	98281	49.583	ug/l	98

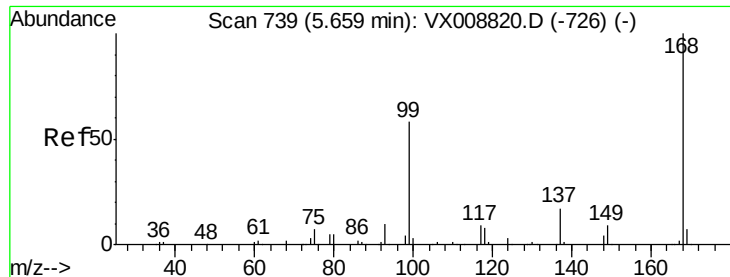
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Apr 04 04:47:41 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.00 min

Lab File: VX008854.D

Acq: 11 Apr 2019 16:07

Instrument :

MSVOA_X

ClientSampleId :

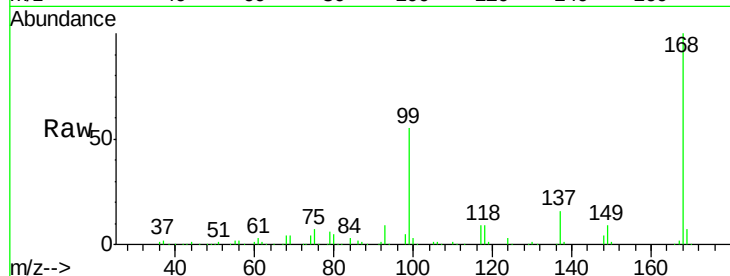
M-19-190409DL

Tot Ion:168 Resp: 192220

Ion Ratio Lower Upper

168 100

99 54.5 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

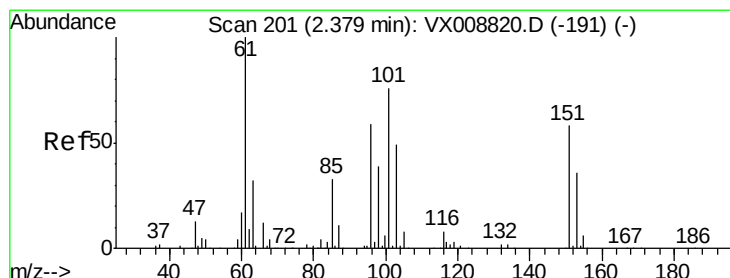
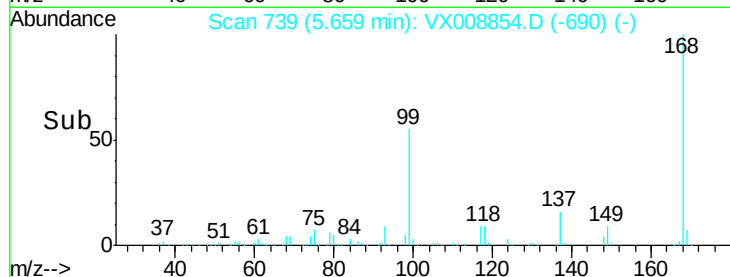
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.627 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX008854.D

Acq: 11 Apr 2019 16:07

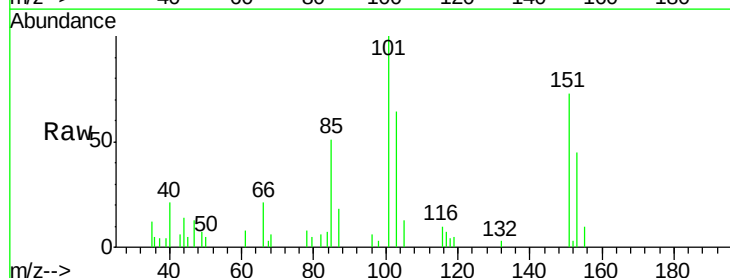
Tgt Ion:101 Resp: 3464

Ion Ratio Lower Upper

101 100

85 47.9 36.0 54.0

151 73.2 59.9 89.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V

2000

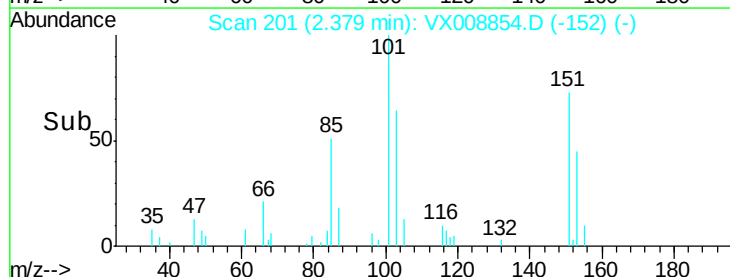
1500

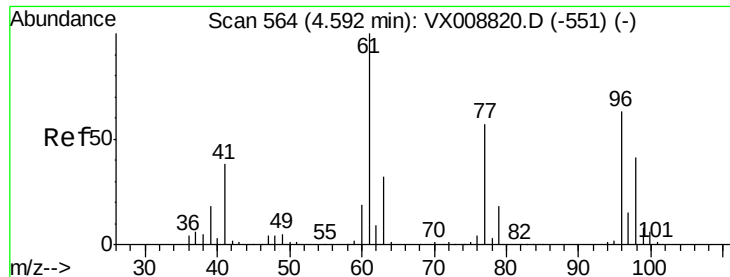
1000

500

0

Time--> 2.30 2.35 2.40 2.45



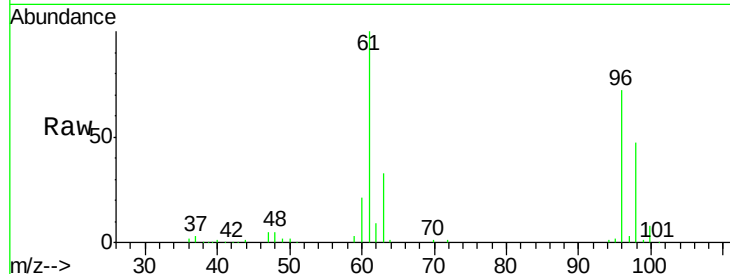


#27

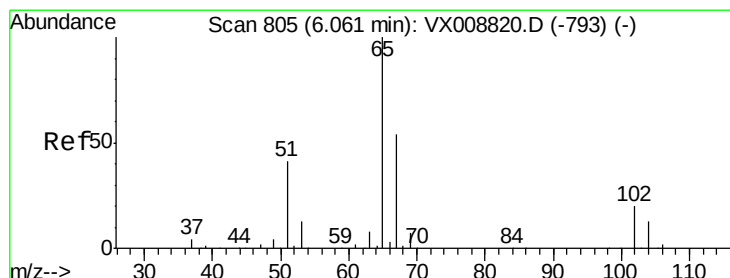
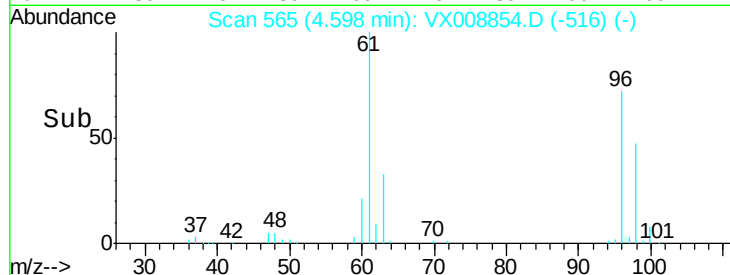
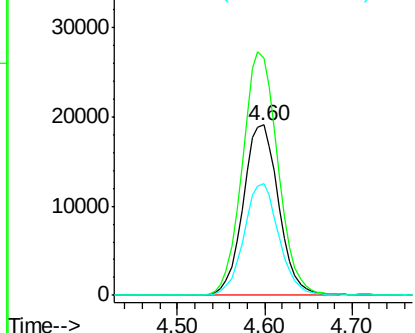
cis-1,2-Dichloroethene
Concen: 19.523 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX008854.D
Acq: 11 Apr 2019 16:07

Instrument :
MSVOA_X
ClientSampleId :
M-19-190409DL

Tot Ion: 96 Resp: 53953
Ion Ratio Lower Upper
96 100
61 143.3 0.0 327.6
98 64.8 0.0 128.6



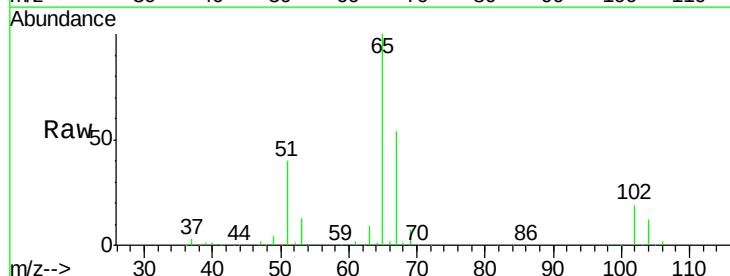
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



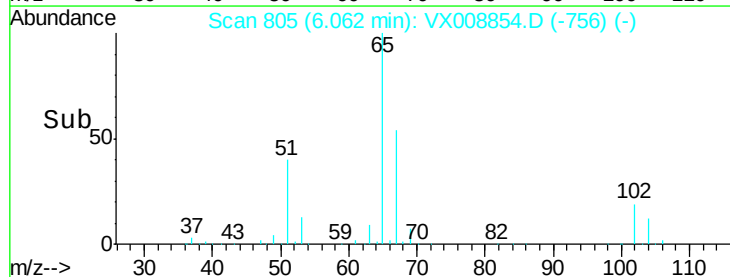
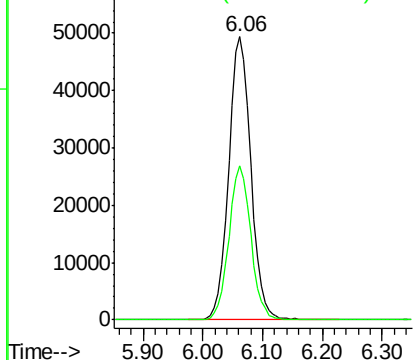
#33

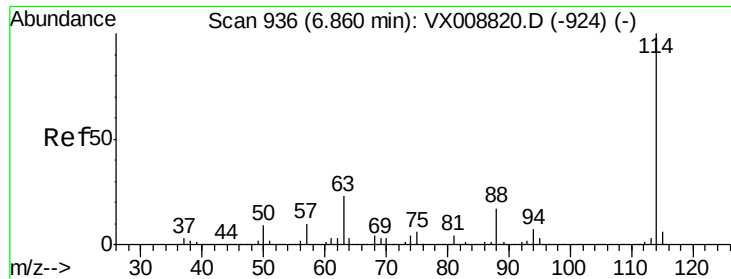
1,2-Dichloroethane-d4
Concen: 45.564 ug/l
RT: 6.06 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX008854.D
Acq: 11 Apr 2019 16:07

Tgt Ion: 65 Resp: 127744
Ion Ratio Lower Upper
65 100
67 53.9 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0

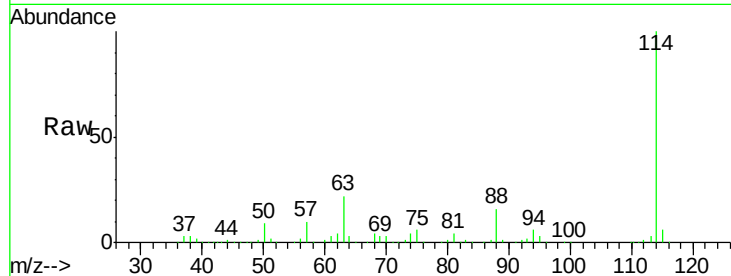




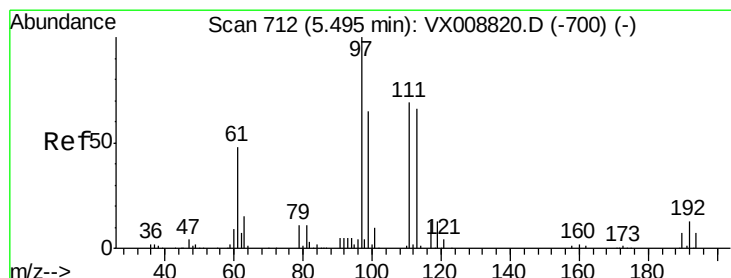
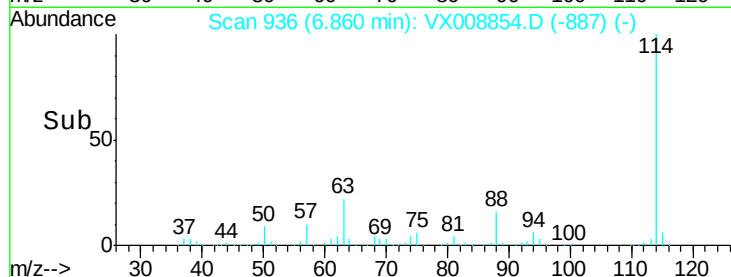
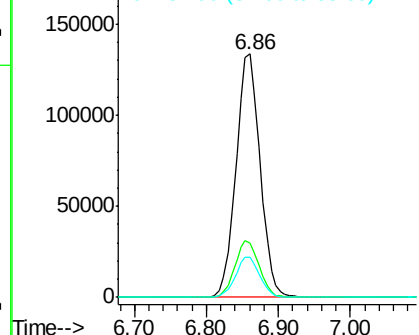
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX008854.D
 Acq: 11 Apr 2019 16:07

Instrument :
 MSVOA_X
 ClientSampleId :
 M-19-190409DL

Tot Ion:114 Resp: 311099
 Ion Ratio Lower Upper
 114 100
 63 22.3 0.0 47.2
 88 16.4 0.0 34.0

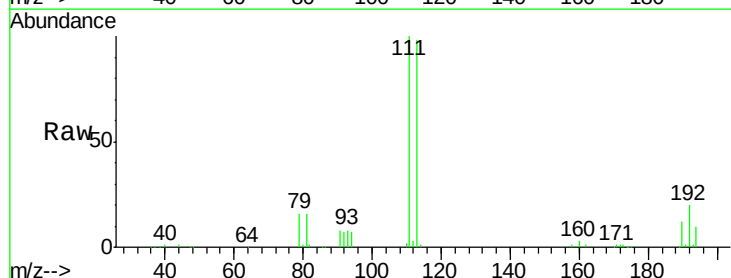


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

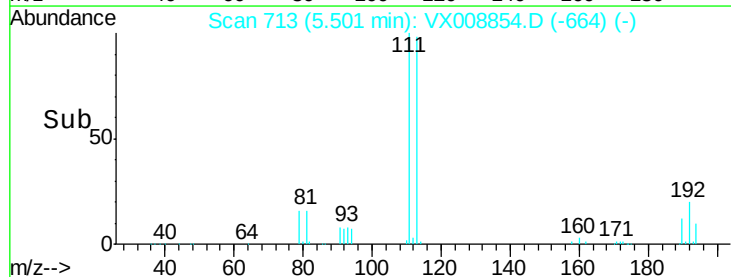
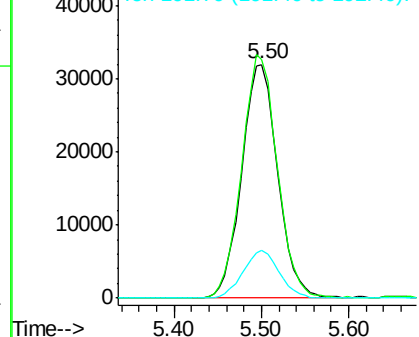


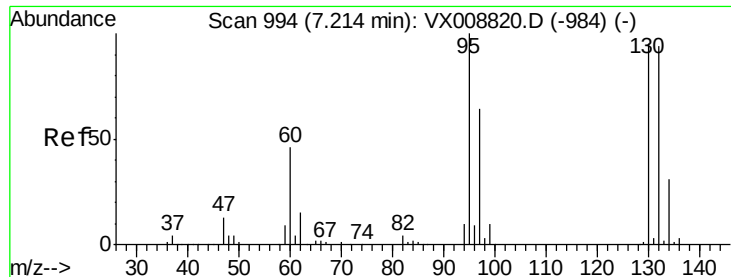
#35
 Dibromofluoromethane
 Concen: 45.813 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX008854.D
 Acq: 11 Apr 2019 16:07

Tgt Ion:113 Resp: 91124
 Ion Ratio Lower Upper
 113 100
 111 103.2 83.4 125.2
 192 20.7 16.1 24.1



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





#44

Trichloroethene

Concen: 4.700 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX008854.D

Acq: 11 Apr 2019 16:07

Instrument :

MSVOA_X

ClientSampleId :

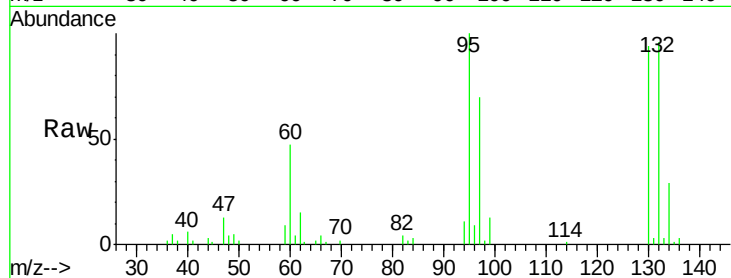
M-19-190409DL

Tot Ion:130 Resp: 11089

Ion Ratio Lower Upper

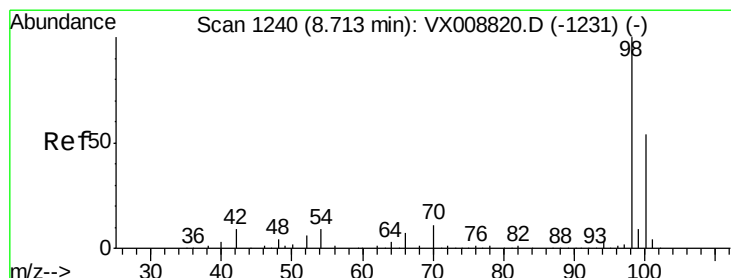
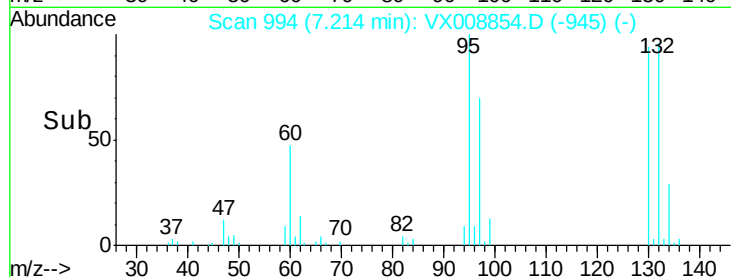
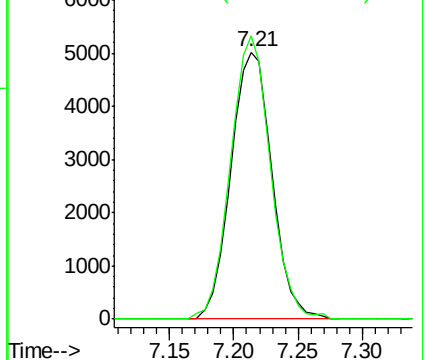
130 100

95 106.0 0.0 209.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 48.888 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX008854.D

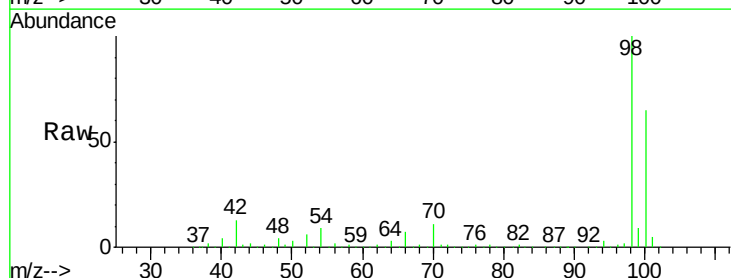
Acq: 11 Apr 2019 16:07

Tgt Ion: 98 Resp: 387190

Ion Ratio Lower Upper

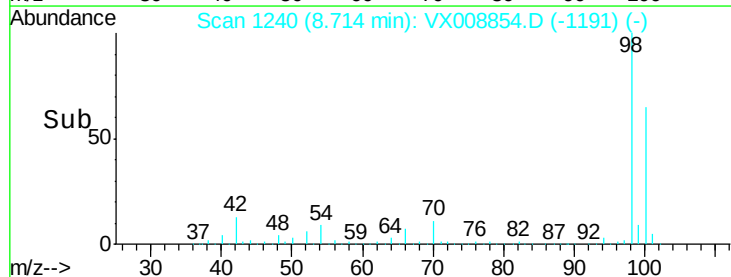
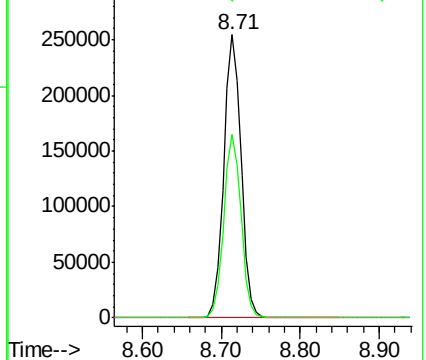
98 100

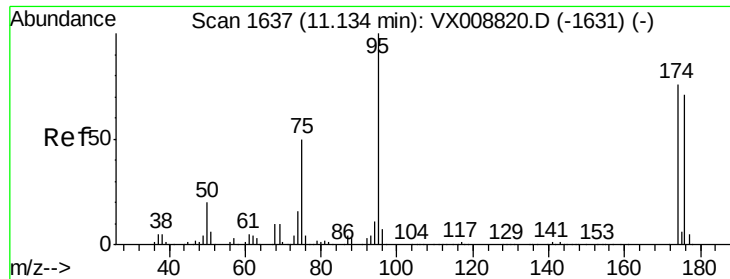
100 64.7 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

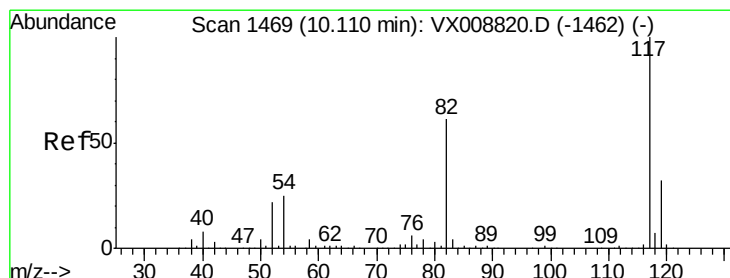
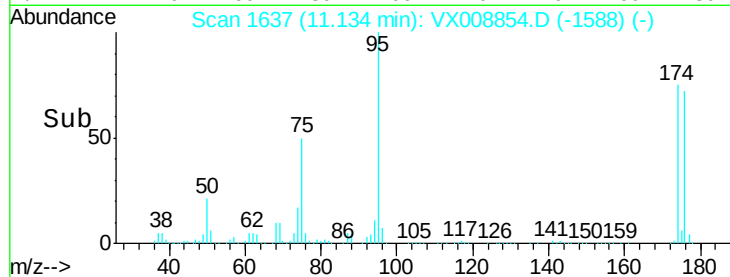
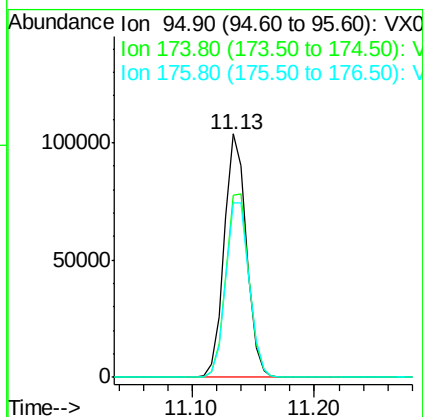
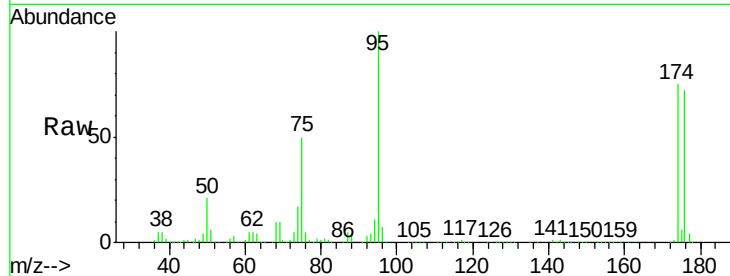




#62
 4-Bromofluorobenzene
 Concen: 46.348 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: VX008854.D
 Acq: 11 Apr 2019 16:07

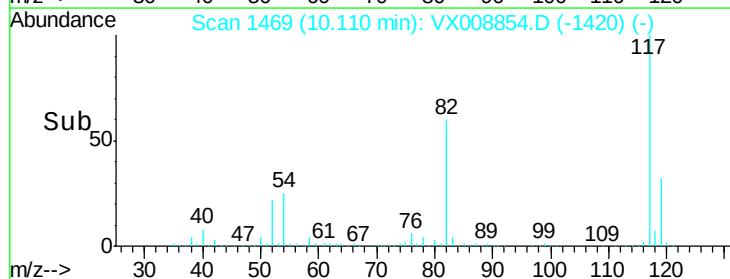
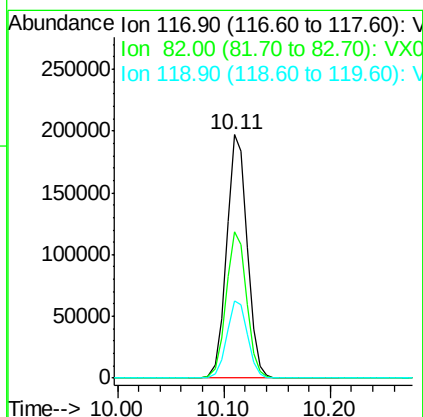
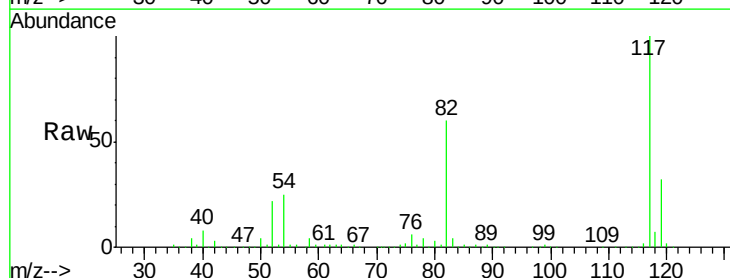
Instrument :
 MSVOA_X
 ClientSampled :
 M-19-190409DL

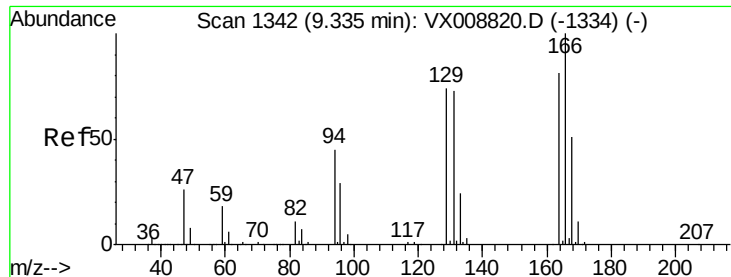
Tot Ion: 95 Resp: 130170
 Ion Ratio Lower Upper
 95 100
 174 78.5 0.0 151.8
 176 76.0 0.0 145.8



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 10.11 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: VX008854.D
 Acq: 11 Apr 2019 16:07

Tgt Ion: 117 Resp: 267533
 Ion Ratio Lower Upper
 117 100
 82 60.0 49.6 74.4
 119 31.9 25.0 37.4





#64

Tetrachloroethene

Concen: 49.583 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX008854.D

Acq: 11 Apr 2019 16:07

Instrument :

MSVOA_X

ClientSampleId :

M-19-190409DL

Tot Ion:164 Resp: 98281

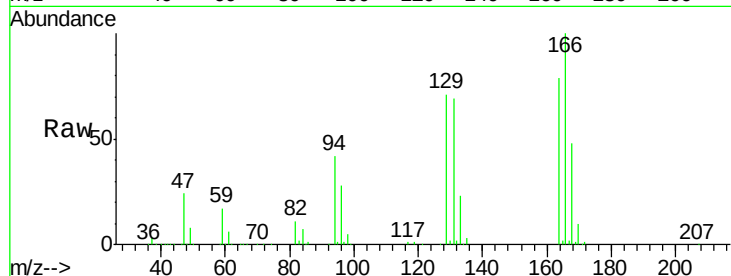
Ion Ratio Lower Upper

164 100

166 127.3 101.0 151.6

129 90.4 75.8 113.8

131 88.3 71.8 107.8

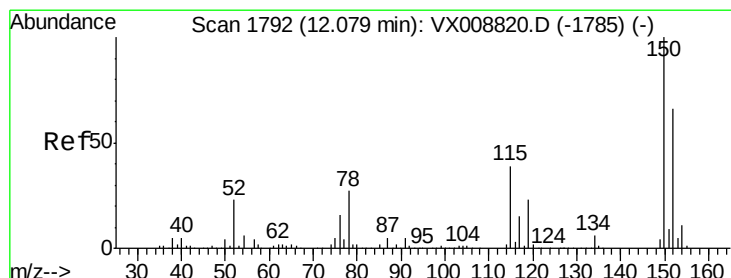
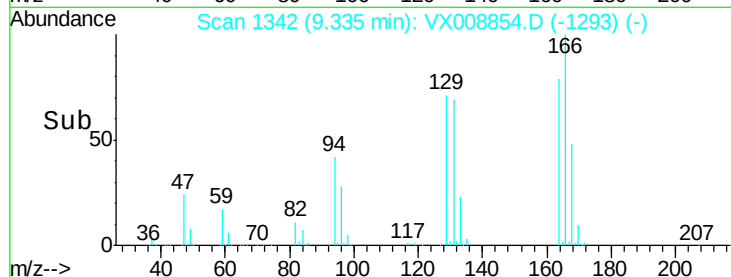
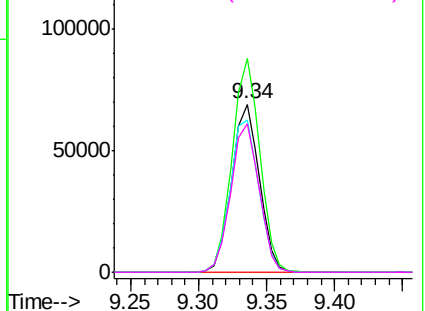


Abundance Ion 163.80 (163.50 to 164.50): V

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: VX008854.D

Acq: 11 Apr 2019 16:07

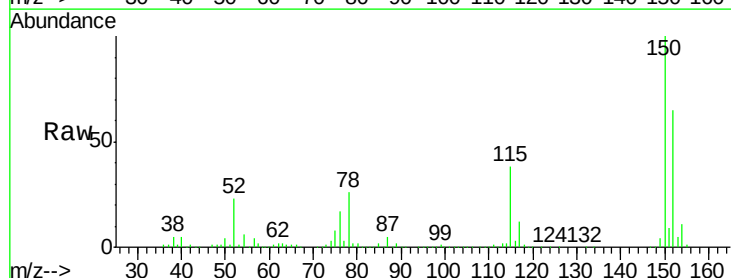
Tgt Ion:152 Resp: 113147

Ion Ratio Lower Upper

152 100

115 59.3 43.5 130.5

150 155.7 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

