

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX031219\
 Data File : VX008018.D
 Acq On : 12 Mar 2019 16:07
 Operator : JC/SP
 Sample : K1841-06DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE125D1-20190308DL

Quant Time: Mar 13 10:22:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 07 07:33:26 2019
 Response via : Initial Calibration

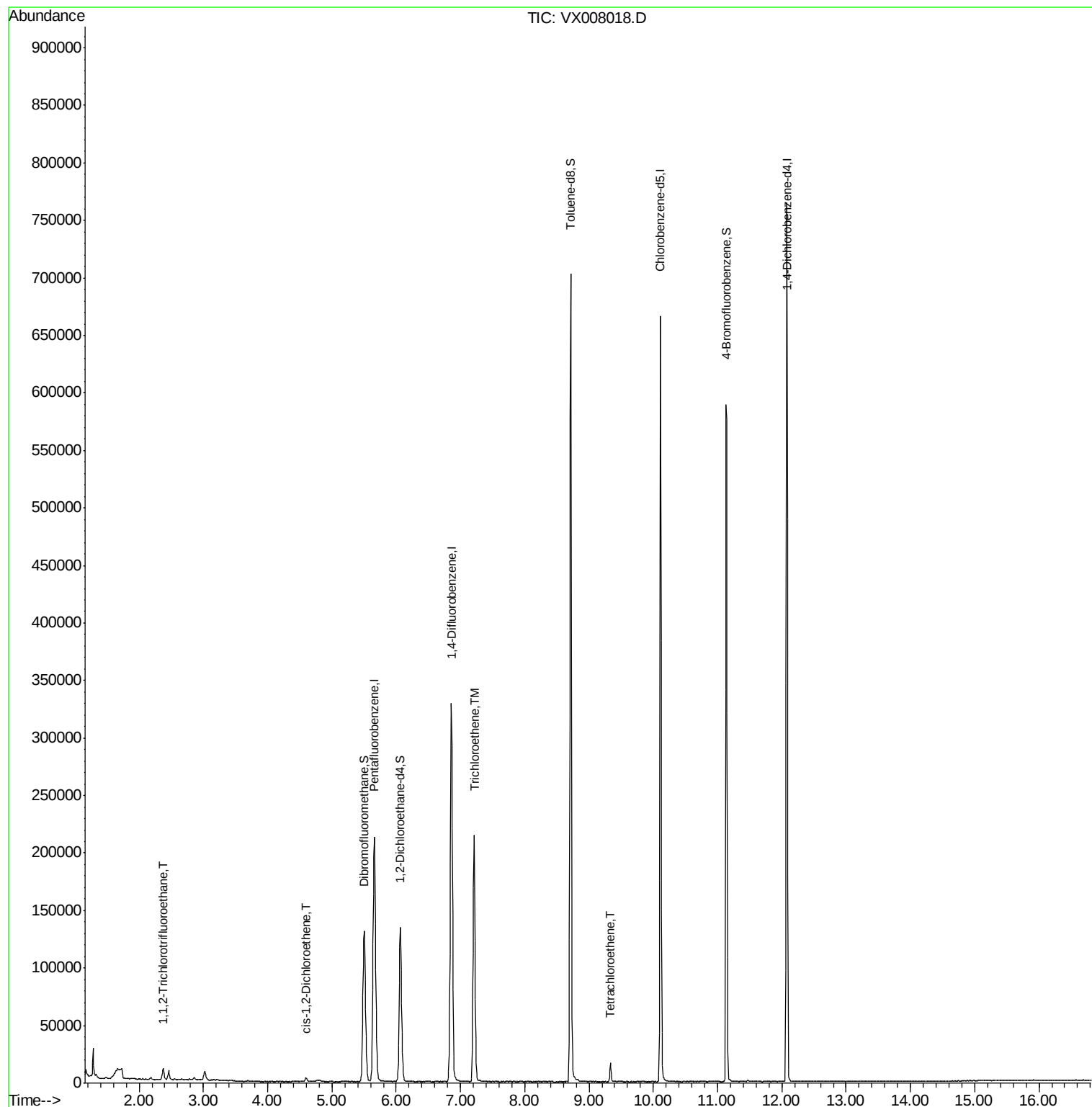
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	225741	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	355087	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	331800	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	171837	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	125577	52.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.46%	
35) Dibromofluoromethane	5.51	113	114754	50.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.04%	
50) Toluene-d8	8.71	98	427582	51.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.52%	
62) 4-Bromofluorobenzene	11.13	95	159976	54.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.40%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	2.38	101	3069	1.540	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	2025	0.837	ug/l	92
44) Trichloroethene	7.21	130	88288	33.470	ug/l	99
64) Tetrachloroethene	9.34	164	3555	1.293	ug/l	94

(#) = 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. -0.01 min

Lab File: VX008018.D

Acq: 12 Mar 2019 16:07

Instrument :

MSVOA_X

ClientSampleId :

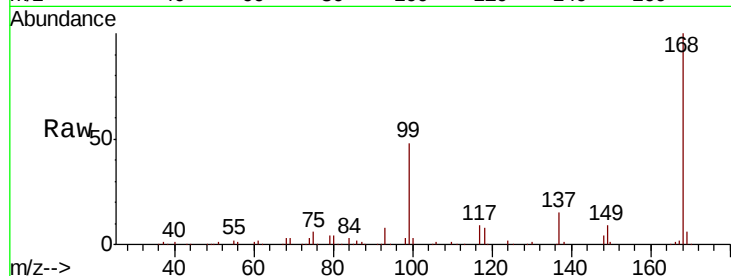
RE125D1-20190308DL

Tgt Ion:168 Resp: 225741

Ion Ratio Lower Upper

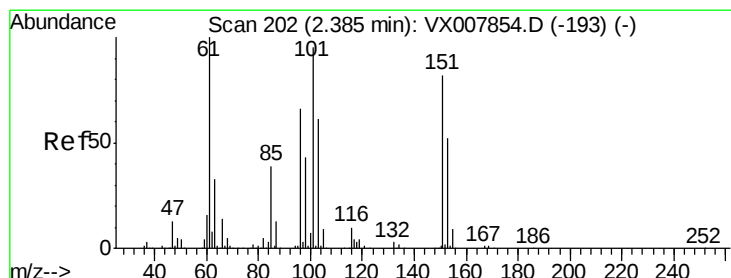
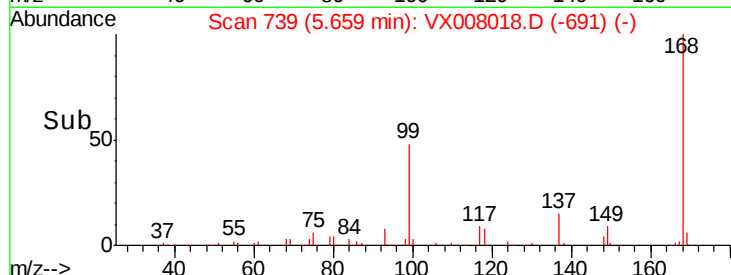
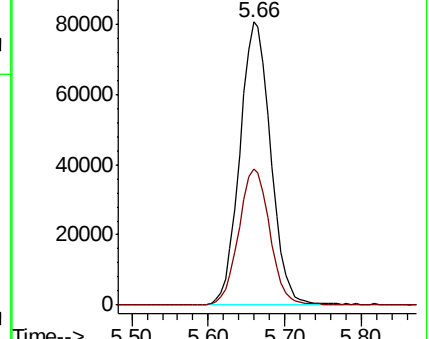
168 100

99 48.1 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.540 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.01 min

Lab File: VX008018.D

Acq: 12 Mar 2019 16:07

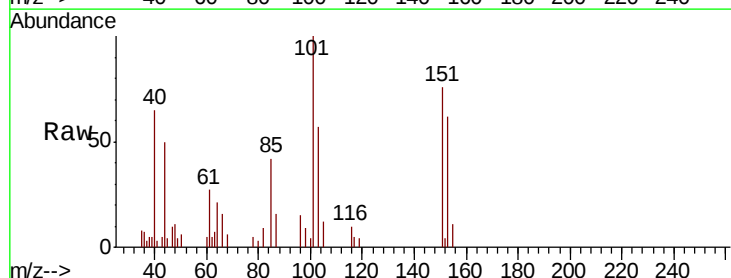
Tgt Ion:101 Resp: 3069

Ion Ratio Lower Upper

101 100

85 43.9 33.8 50.6

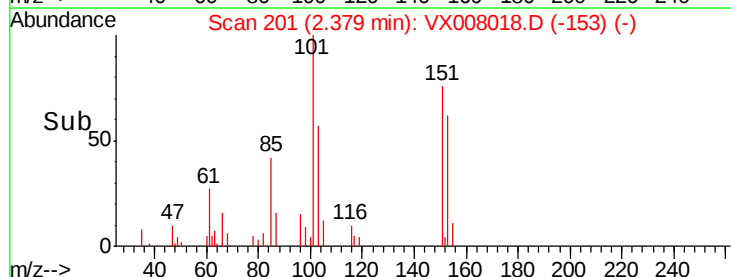
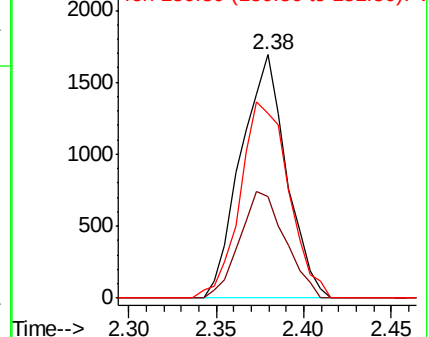
151 85.7 69.1 103.7

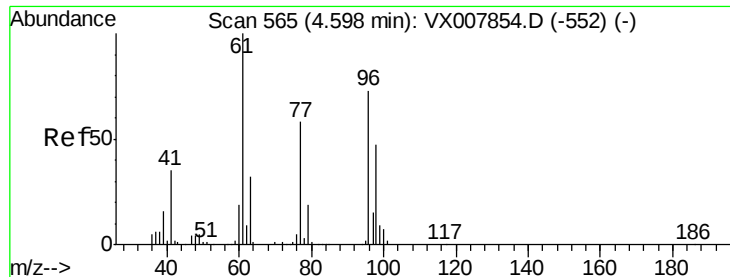


Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



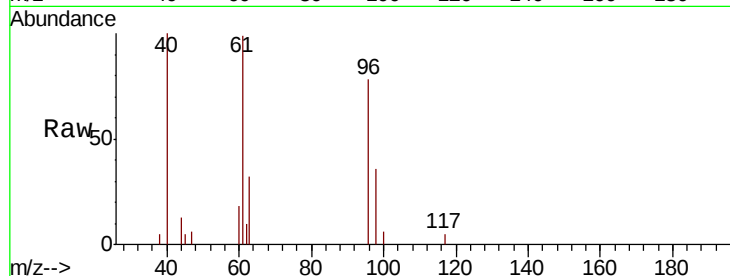


#27

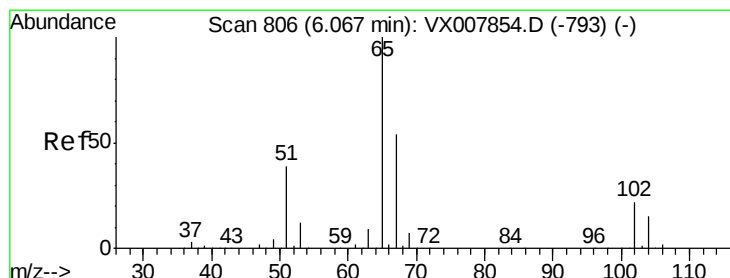
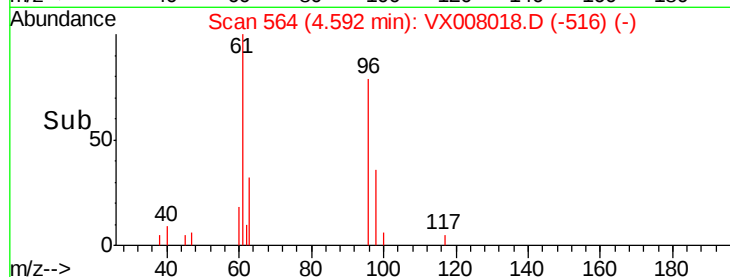
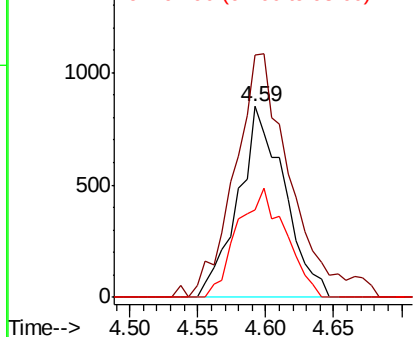
cis-1,2-Dichloroethene
 Concen: 0.837 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: VX008018.D
 Acq: 12 Mar 2019 16:07

Instrument :
 MSVOA_X
 ClientSampleId :
 RE125D1-20190308DL

Tgt Ion: 96 Resp: 2025
 Ion Ratio Lower Upper
 96 100
 61 154.5 0.0 288.0
 98 59.4 0.0 129.0



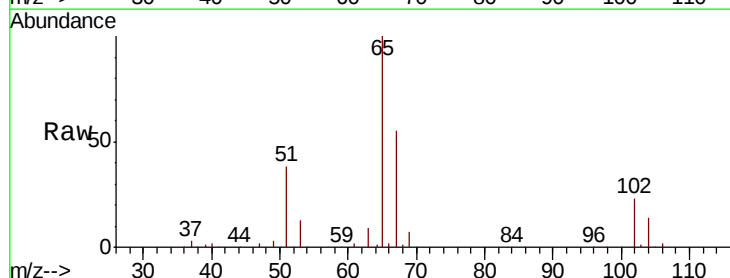
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



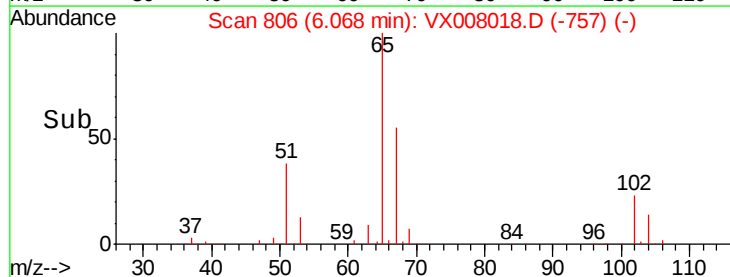
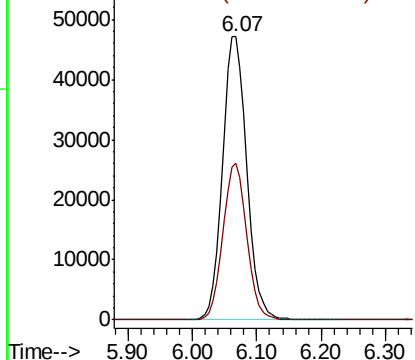
#33

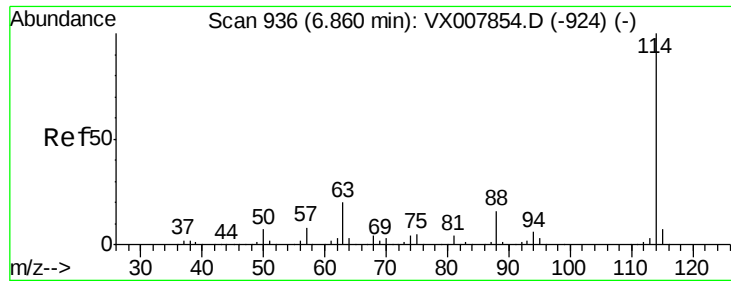
1,2-Dichloroethane-d4
 Concen: 52.734 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX008018.D
 Acq: 12 Mar 2019 16:07

Tgt Ion: 65 Resp: 125577
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 110.0



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

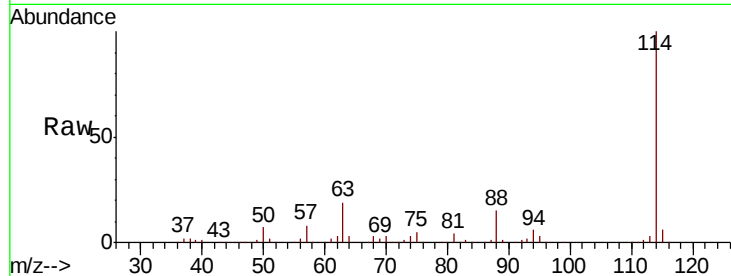




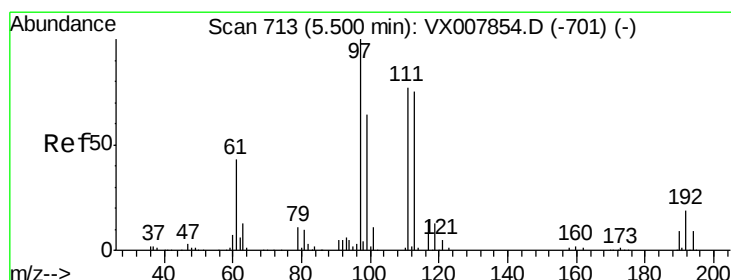
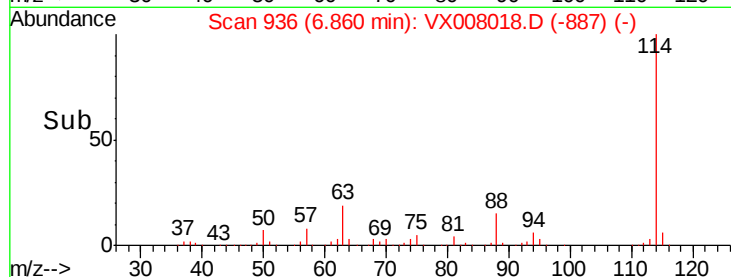
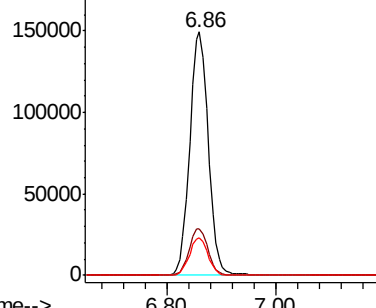
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX008018.D
Acq: 12 Mar 2019 16:07

Instrument :
MSVOA_X
ClientSampleId :
RE125D1-20190308DL

Tgt Ion:114 Resp: 355087
Ion Ratio Lower Upper
114 100
63 19.2 0.0 39.8
88 15.2 0.0 31.4

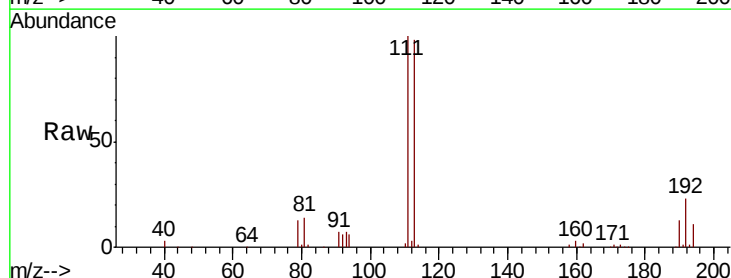


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0

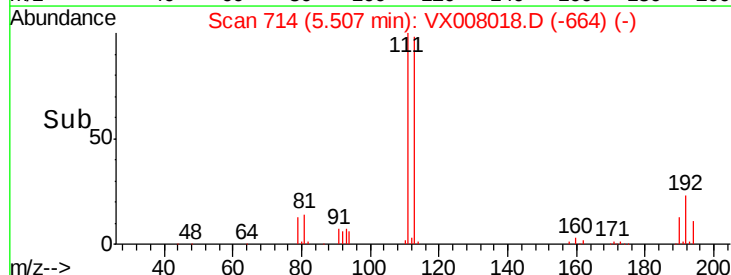
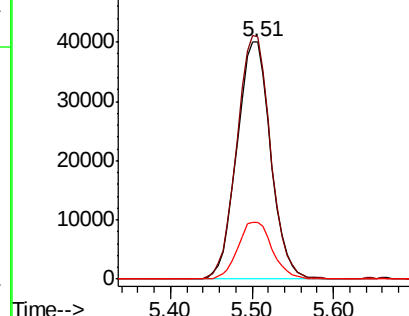


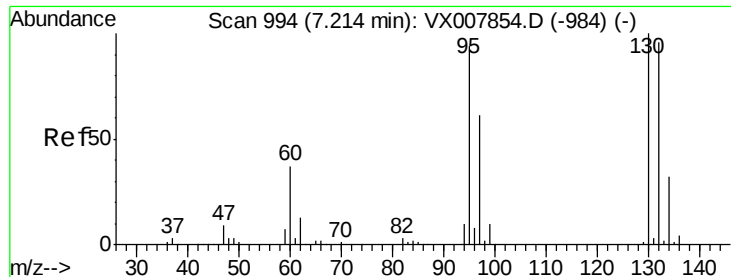
#35
Dibromofluoromethane
Concen: 50.522 ug/l
RT: 5.51 min Scan# 714
Delta R.T. 0.01 min
Lab File: VX008018.D
Acq: 12 Mar 2019 16:07

Tgt Ion:113 Resp: 114754
Ion Ratio Lower Upper
113 100
111 102.5 81.4 122.0
192 24.3 19.4 29.0



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: 33.470 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX008018.D

Acq: 12 Mar 2019 16:07

Instrument :

MSVOA_X

ClientSampleId :

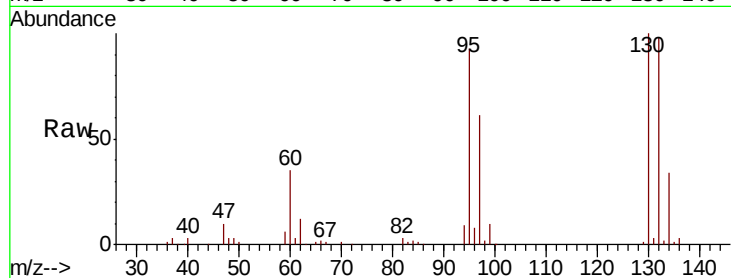
RE125D1-20190308DL

Tgt Ion:130 Resp: 88288

Ion Ratio Lower Upper

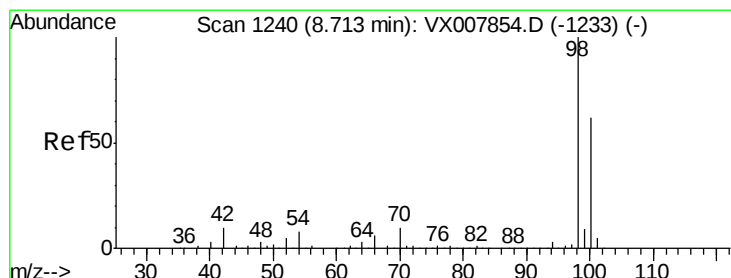
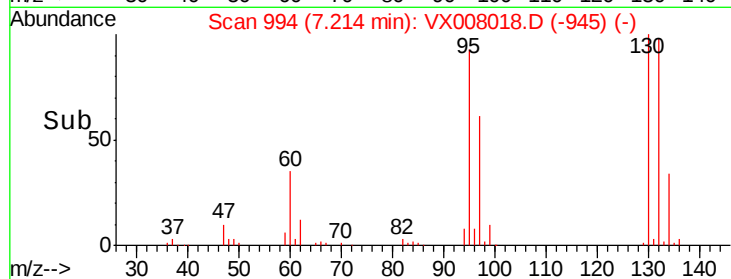
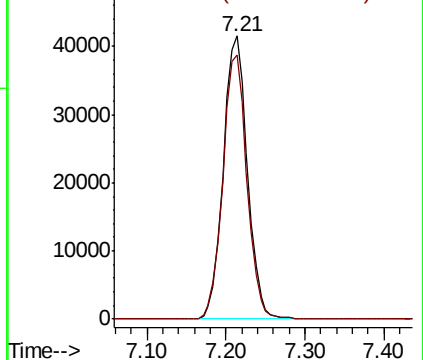
130 100

95 93.1 0.0 188.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 51.258 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX008018.D

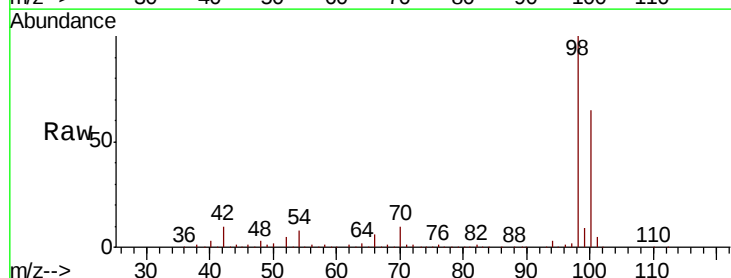
Acq: 12 Mar 2019 16:07

Tgt Ion: 98 Resp: 427582

Ion Ratio Lower Upper

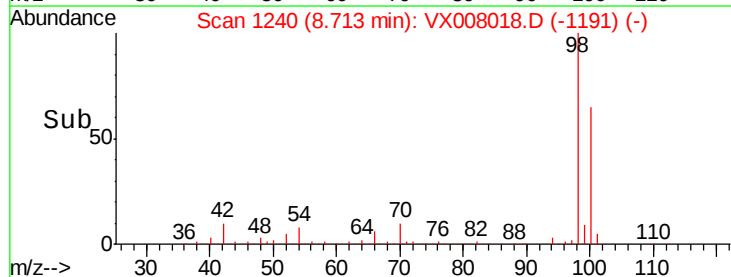
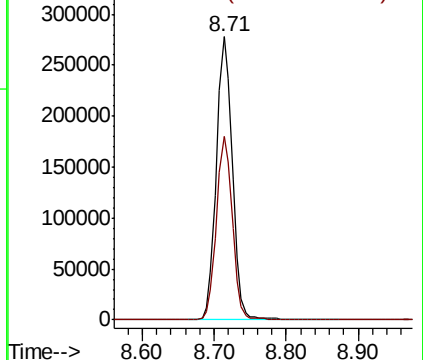
98 100

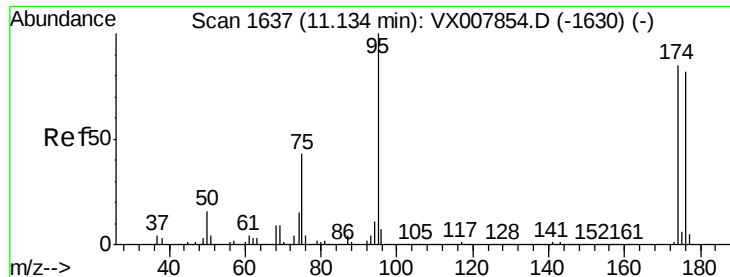
100 64.7 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 54.699 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX008018.D

Acq: 12 Mar 2019 16:07

Instrument :

MSVOA_X

ClientSampleId :

RE125D1-20190308DL

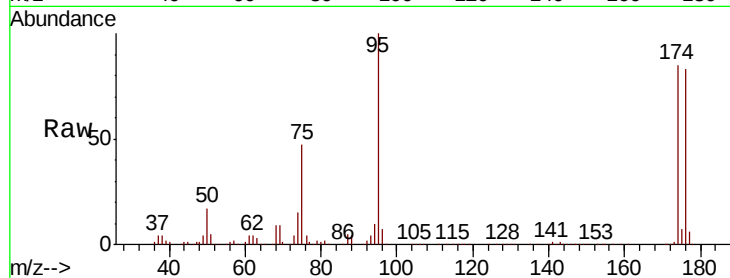
Tgt Ion: 95 Resp: 159976

Ion Ratio Lower Upper

95 100

174 92.4 0.0 182.8

176 89.9 0.0 178.0

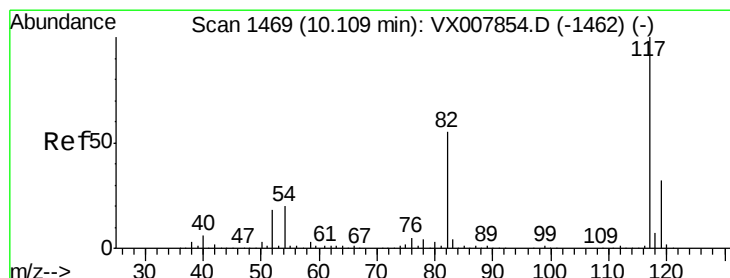
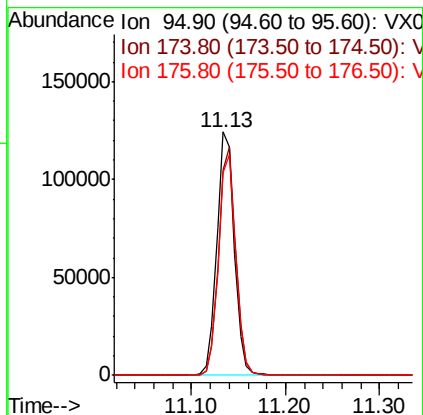
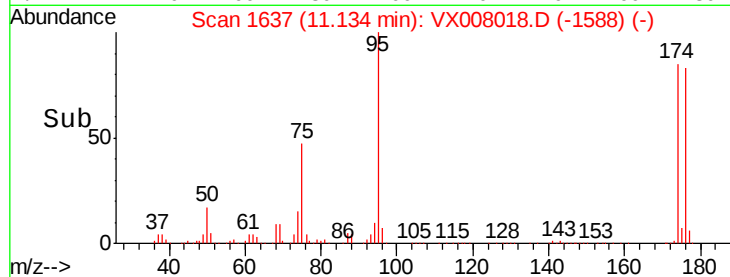


Abundance Ion 94.90 (94.60 to 95.60): VX008018.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX008018.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX008018.D (-1588) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX008018.D

Acq: 12 Mar 2019 16:07

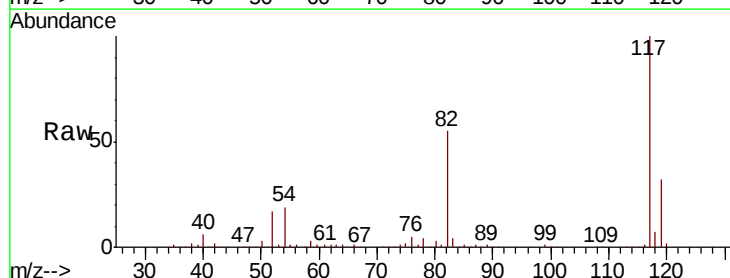
Tgt Ion: 117 Resp: 331800

Ion Ratio Lower Upper

117 100

82 55.4 44.3 66.5

119 32.0 25.3 37.9

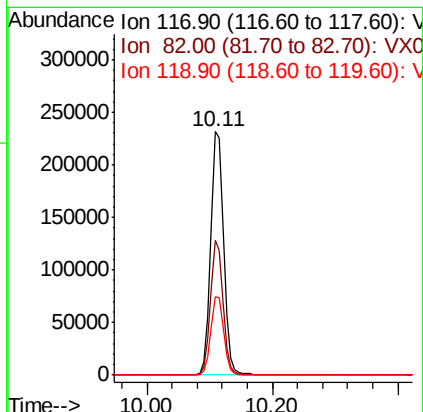
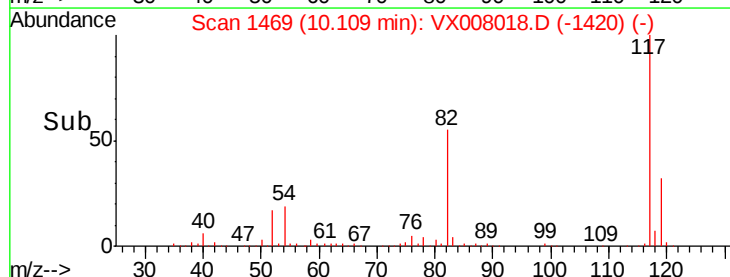


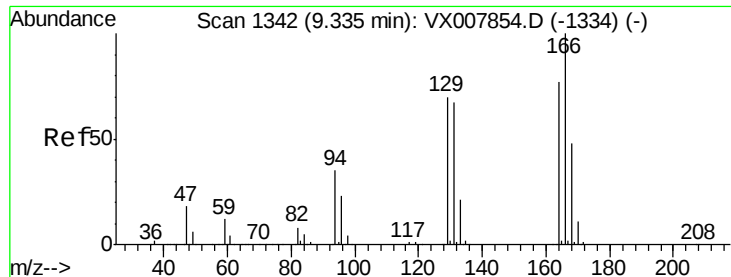
Abundance Ion 116.90 (116.60 to 117.60): VX008018.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX008018.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX008018.D (-1420) (-)

Time-->

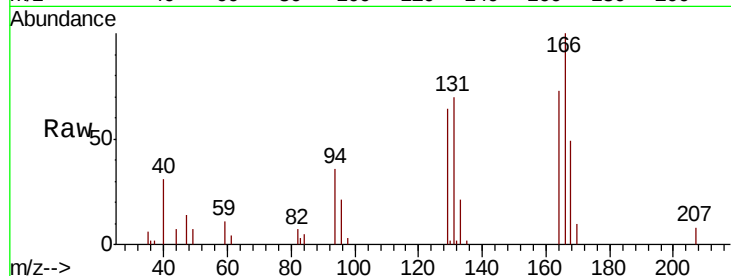




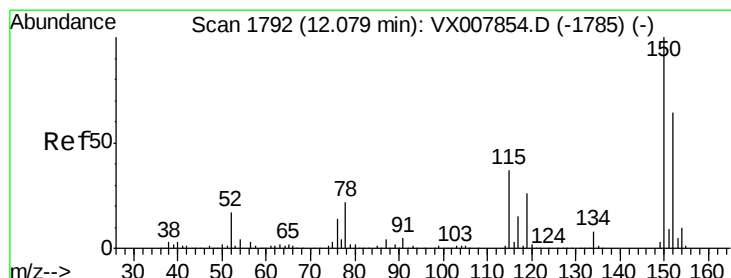
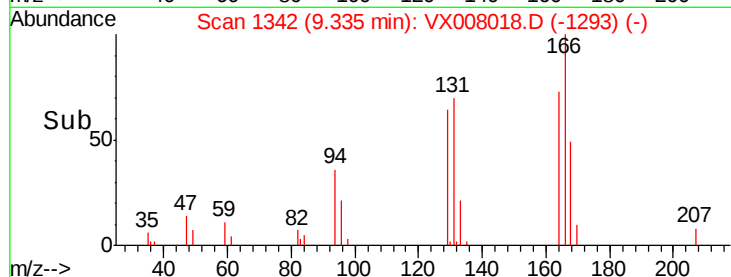
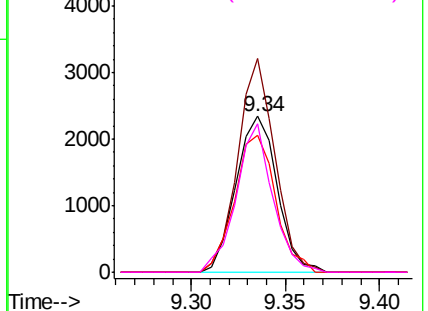
#64
Tetrachloroethene
Concen: 1.293 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX008018.D
Acq: 12 Mar 2019 16:07

Instrument :
MSVOA_X
ClientSampleId :
RE125D1-20190308DL

Tgt Ion:164 Resp: 3555
Ion Ratio Lower Upper
164 100
166 137.2 103.4 155.0
129 88.2 72.2 108.4
131 95.3 69.4 104.2

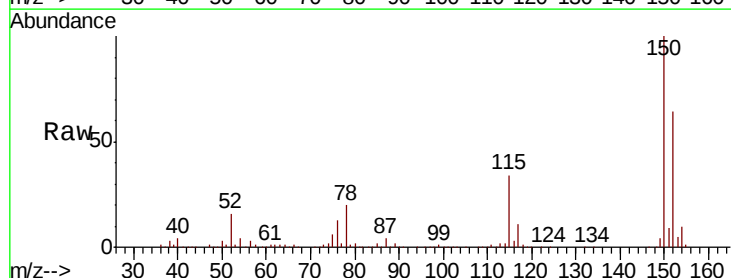


Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX008018.D
Acq: 12 Mar 2019 16:07

Tgt Ion:152 Resp: 171837
Ion Ratio Lower Upper
152 100
115 54.6 38.6 115.7
150 156.7 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

