

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX031219\
 Data File : VX008020.D
 Acq On : 12 Mar 2019 17:00
 Operator : JC/SP
 Sample : K1841-08DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE125D3-20190308DL

Quant Time: Mar 13 10:24:01 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

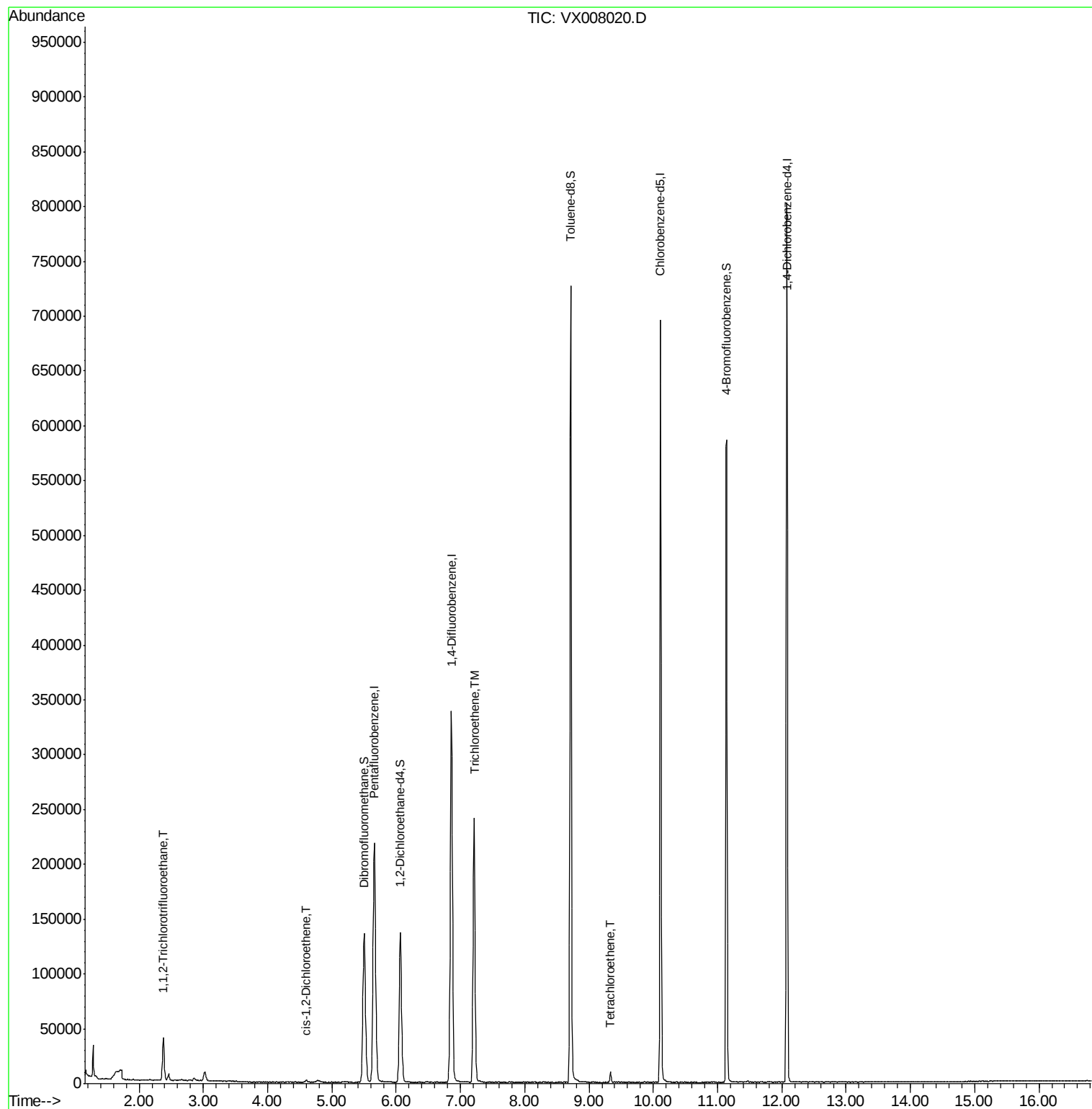
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	231750	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	359285	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	337880	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	174934	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	126338	51.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.36%	
35) Dibromofluoromethane	5.50	113	116348	50.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.26%	
50) Toluene-d8	8.71	98	436693	51.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.48%	
62) 4-Bromofluorobenzene	11.13	95	161383	54.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.08%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	2.38	101	15277	7.468	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	1058	0.426	ug/l	80
44) Trichloroethene	7.21	130	98542	36.920	ug/l	99
64) Tetrachloroethene	9.34	164	2019	0.721	ug/l	92

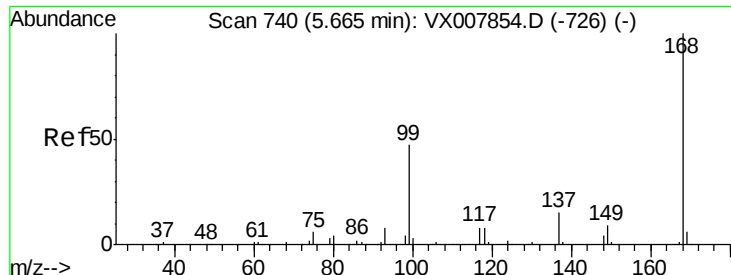
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Mar 07 07:33:26 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX008020.D

Acq: 12 Mar 2019 17:00

Instrument :

MSVOA_X

ClientSampleId :

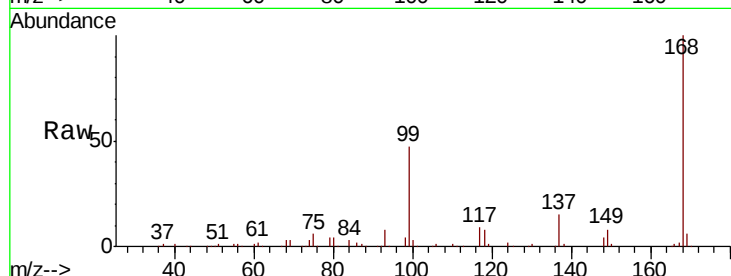
RE125D3-20190308DL

Tgt Ion:168 Resp: 231750

Ion Ratio Lower Upper

168 100

99 47.4 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

60000

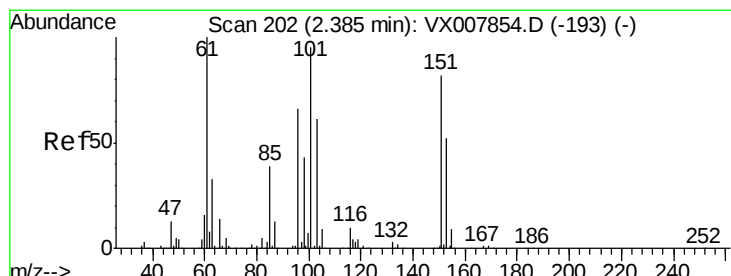
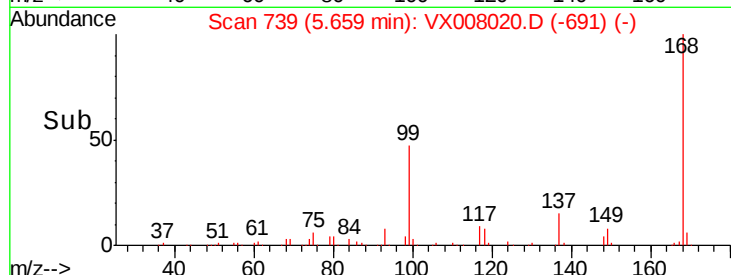
40000

20000

0

5.50 5.60 5.70 5.80 5.90

Time-->



#9

1,1,2-Trichlorotrifluoroethane

Concen: 7.468 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.01 min

Lab File: VX008020.D

Acq: 12 Mar 2019 17:00

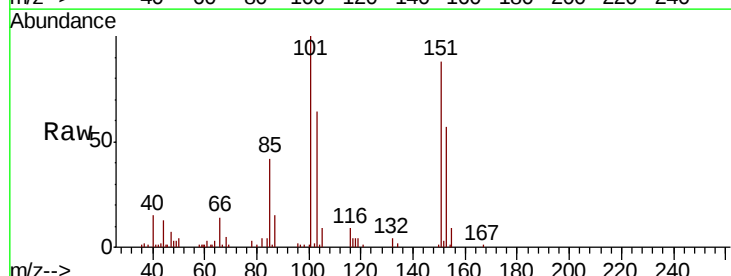
Tgt Ion:101 Resp: 15277

Ion Ratio Lower Upper

101 100

85 42.9 33.8 50.6

151 86.4 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

10000

8000

6000

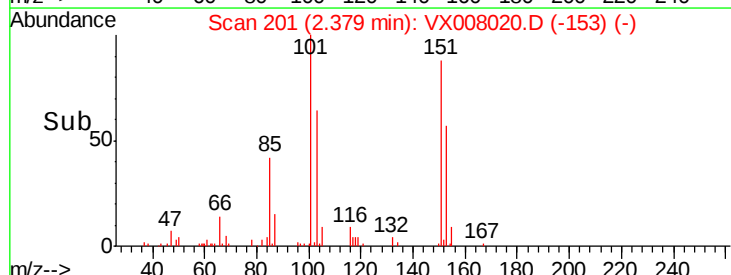
4000

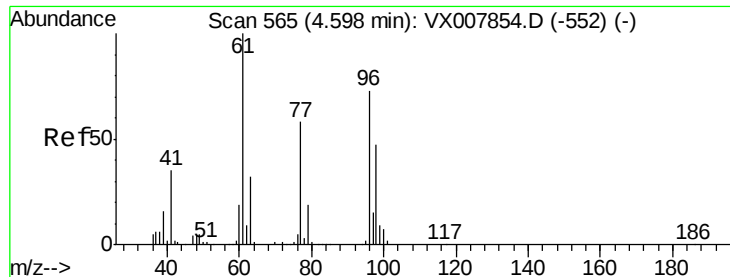
2000

0

2.30 2.35 2.40 2.45

Time-->



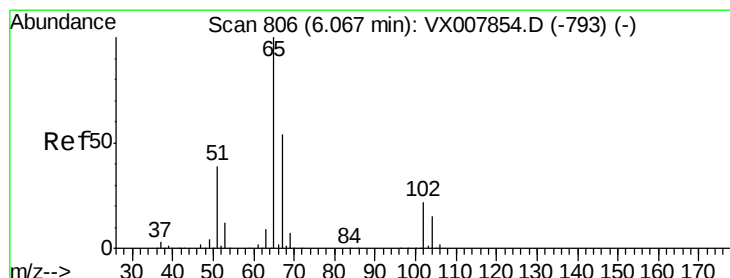
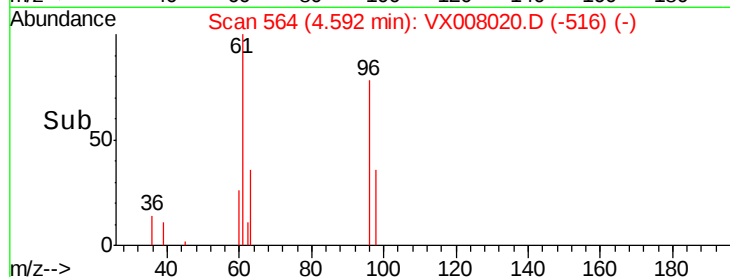
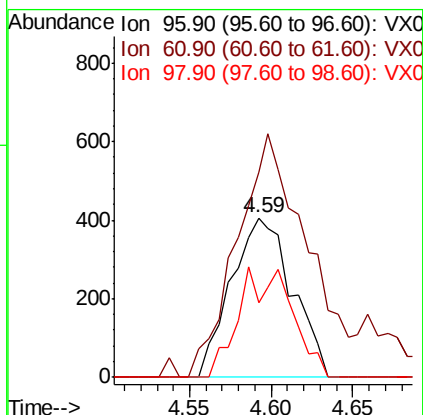
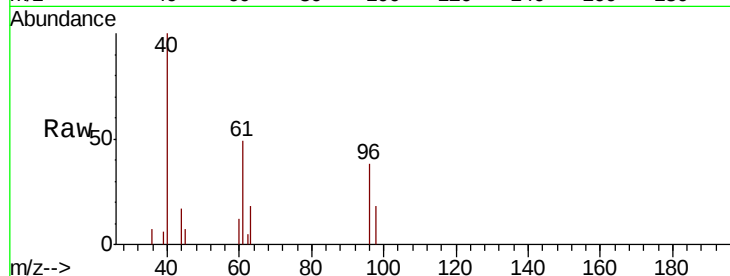


#27

cis-1,2-Dichloroethene
 Concen: 0.426 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: VX008020.D
 Acq: 12 Mar 2019 17:00

Instrument :
 MSVOA_X
 ClientSampleId :
 RE125D3-20190308DL

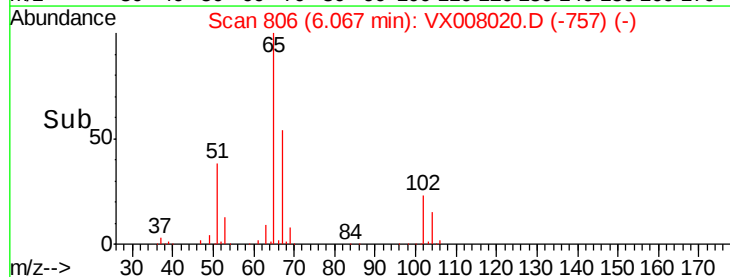
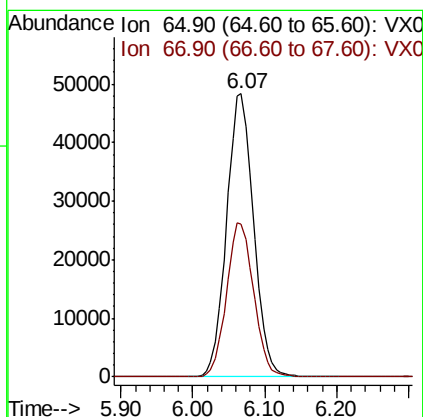
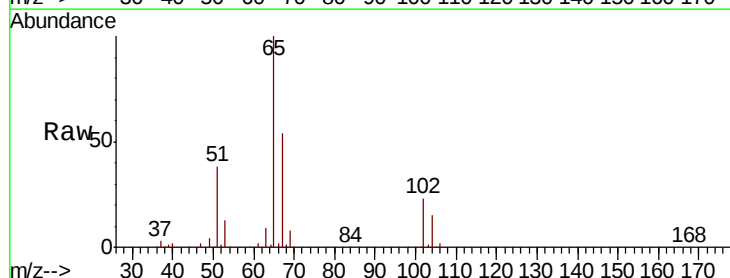
Tgt Ion: 96 Resp: 1058
 Ion Ratio Lower Upper
 96 100
 61 176.5 0.0 288.0
 98 59.3 0.0 129.0

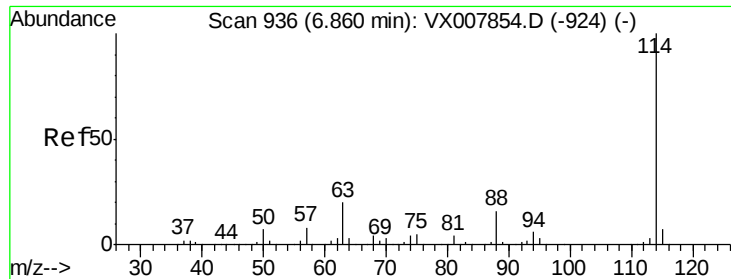


#33

1,2-Dichloroethane-d4
 Concen: 51.677 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX008020.D
 Acq: 12 Mar 2019 17:00

Tgt Ion: 65 Resp: 126338
 Ion Ratio Lower Upper
 65 100
 67 54.7 0.0 110.0

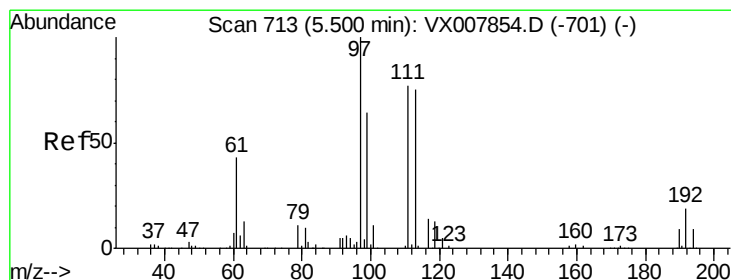
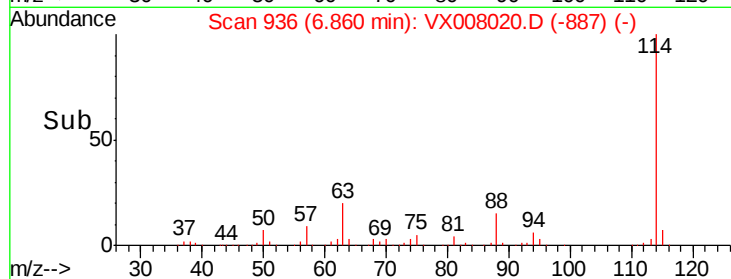
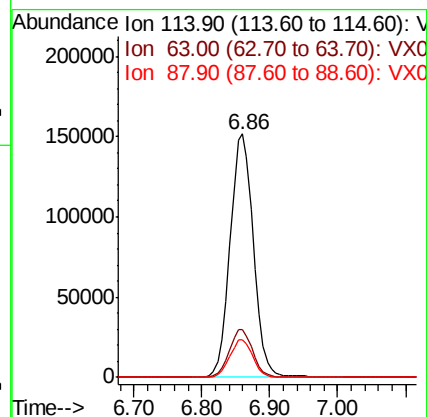
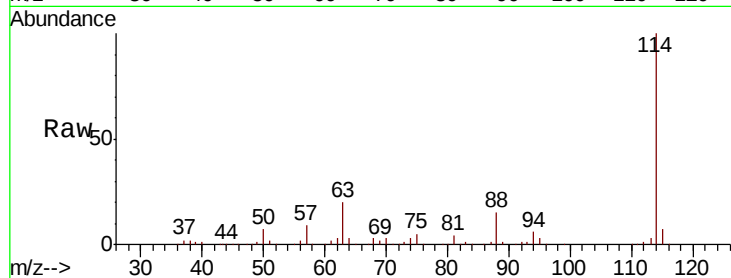




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX008020.D
 Acq: 12 Mar 2019 17:00

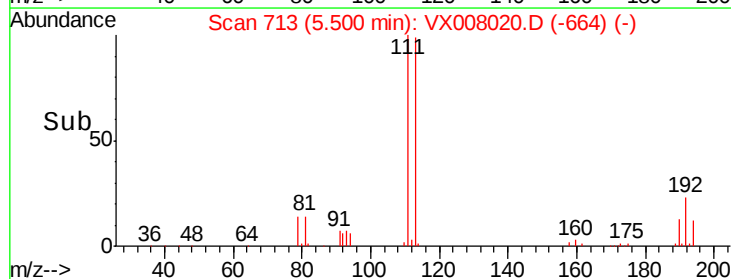
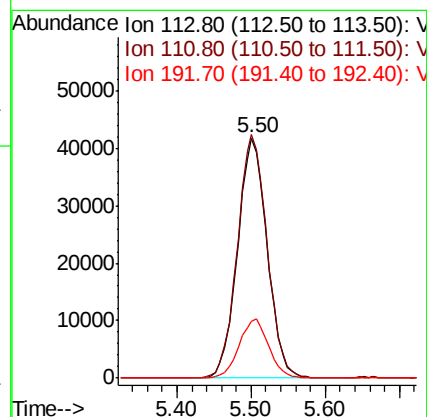
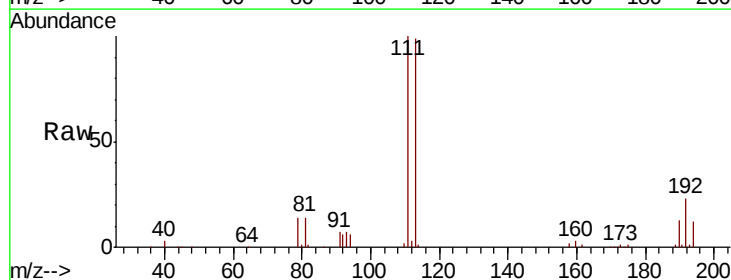
Instrument :
 MSVOA_X
 ClientSampleId :
 RE125D3-20190308DL

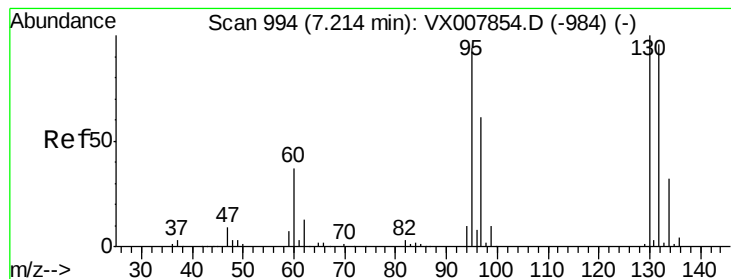
Tgt Ion:114 Resp: 359285
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 39.8
 88 15.3 0.0 31.4



#35
 Dibromofluoromethane
 Concen: 50.625 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX008020.D
 Acq: 12 Mar 2019 17:00

Tgt Ion:113 Resp: 116348
 Ion Ratio Lower Upper
 113 100
 111 102.1 81.4 122.0
 192 24.5 19.4 29.0





#44

Trichloroethene

Concen: 36.920 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX008020.D

Acq: 12 Mar 2019 17:00

Instrument :

MSVOA_X

ClientSampleId :

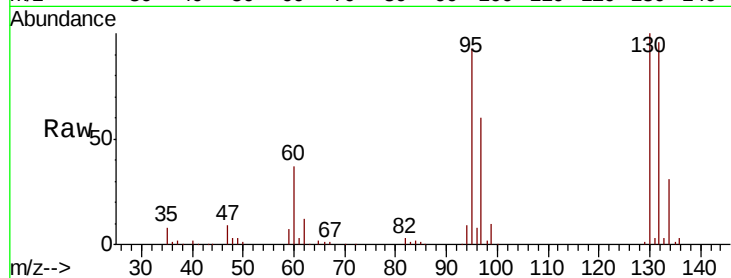
RE125D3-20190308DL

Tgt Ion:130 Resp: 98542

Ion Ratio Lower Upper

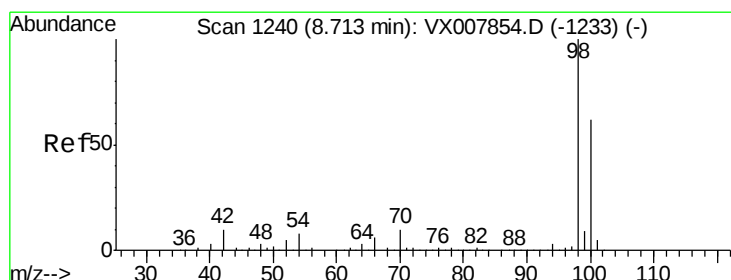
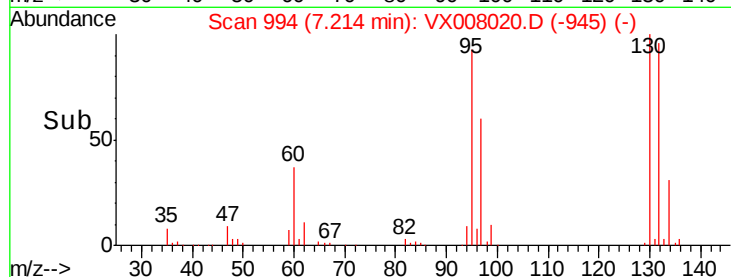
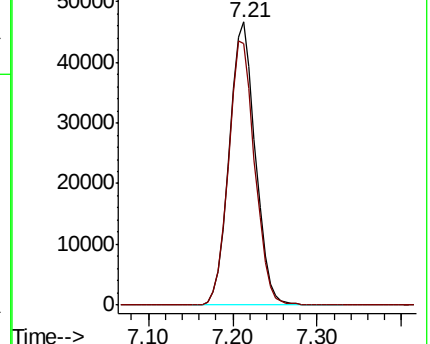
130 100

95 92.6 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: 51.739 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX008020.D

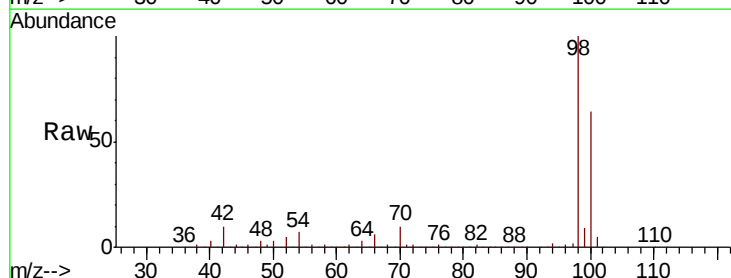
Acq: 12 Mar 2019 17:00

Tgt Ion: 98 Resp: 436693

Ion Ratio Lower Upper

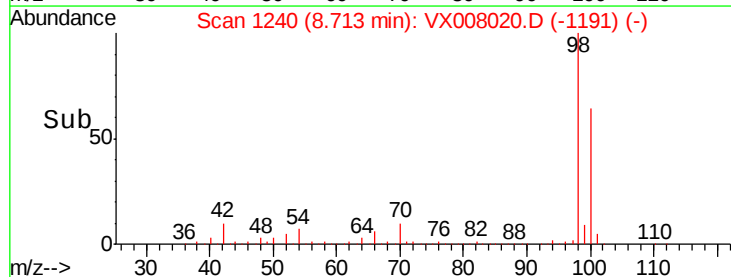
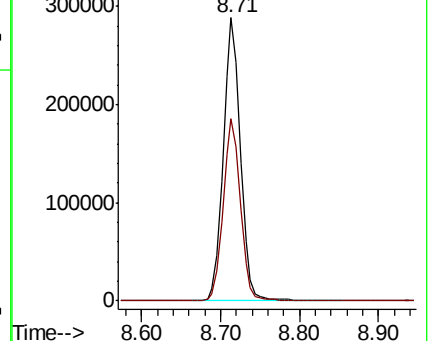
98 100

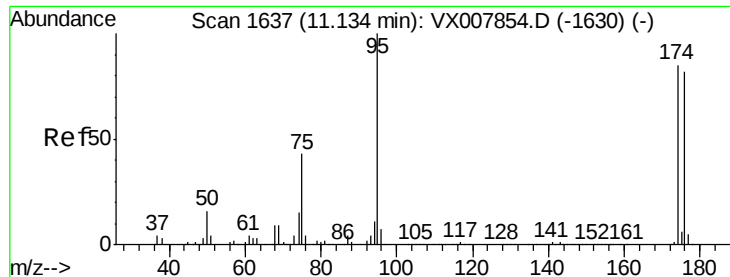
100 64.8 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 54.536 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX008020.D

Acq: 12 Mar 2019 17:00

Instrument :

MSVOA_X

ClientSampleId :

RE125D3-20190308DL

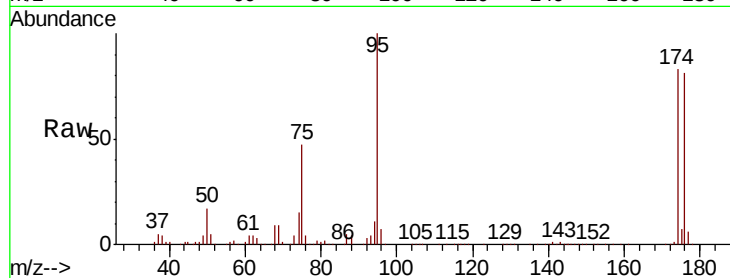
Tgt Ion: 95 Resp: 161383

Ion Ratio Lower Upper

95 100

174 92.8 0.0 182.8

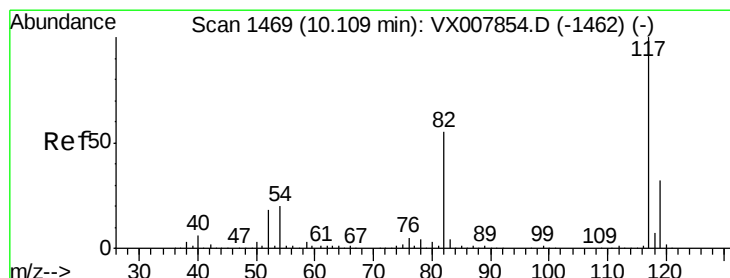
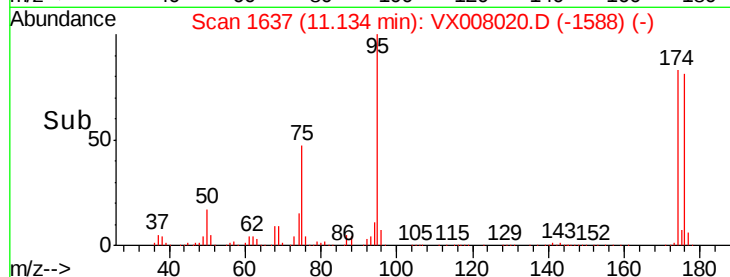
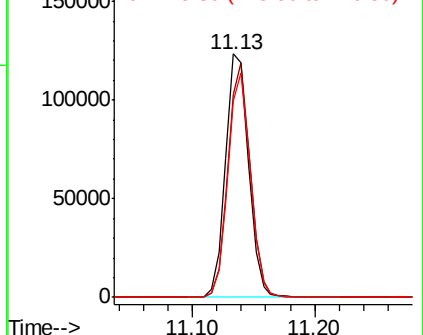
176 89.4 0.0 178.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX008020.D

Acq: 12 Mar 2019 17:00

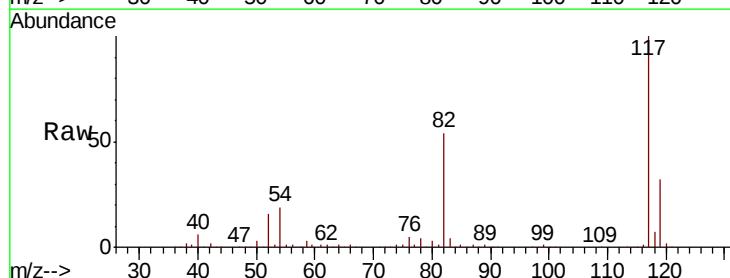
Tgt Ion: 117 Resp: 337880

Ion Ratio Lower Upper

117 100

82 53.9 44.3 66.5

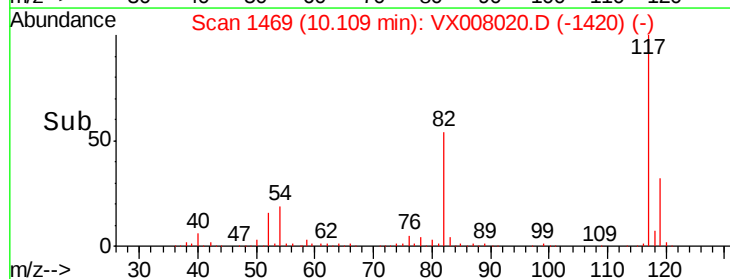
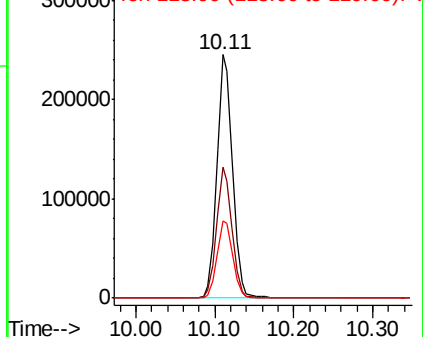
119 31.6 25.3 37.9

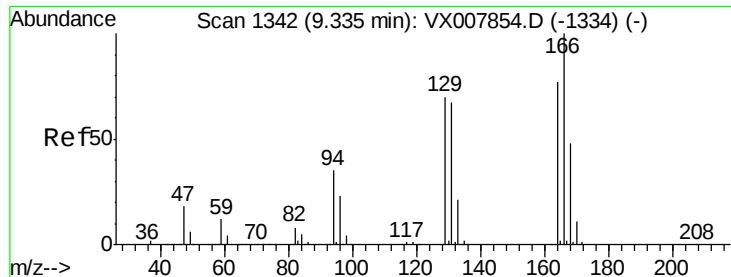


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#64

Tetrachloroethene

Concen: 0.721 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX008020.D

Acq: 12 Mar 2019 17:00

Instrument :

MSVOA_X

ClientSampleId :

RE125D3-20190308DL

Tgt Ion:164 Resp: 2019

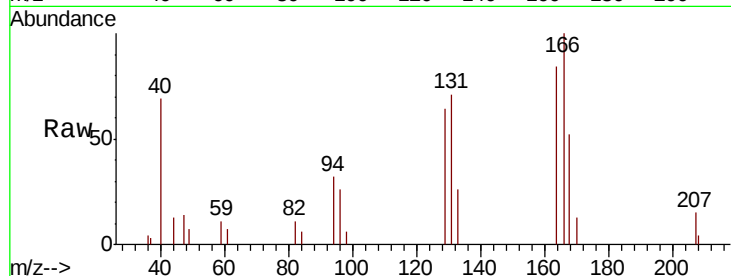
Ion Ratio Lower Upper

164 100

166 119.4 103.4 155.0

129 76.3 72.2 108.4

131 85.1 69.4 104.2

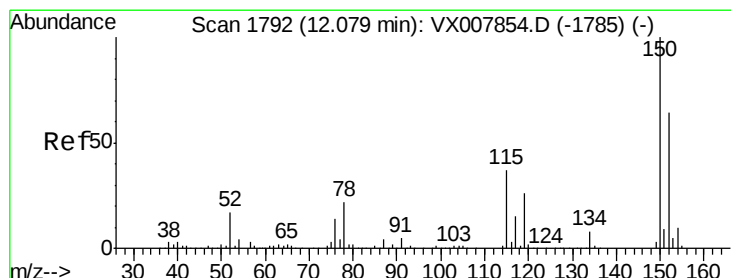
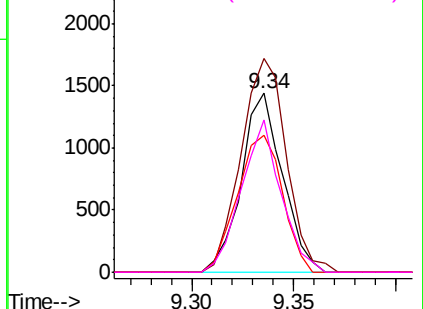
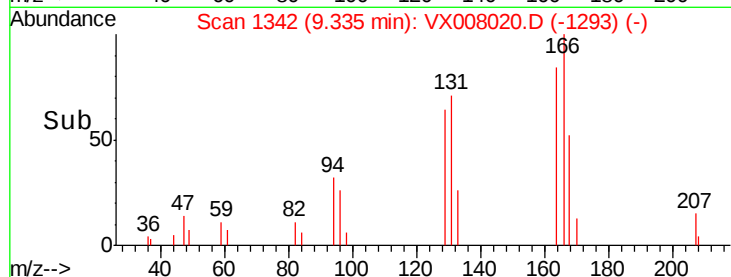


Abundance Ion 163.80 (163.50 to 164.50): V

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: VX008020.D

Acq: 12 Mar 2019 17:00

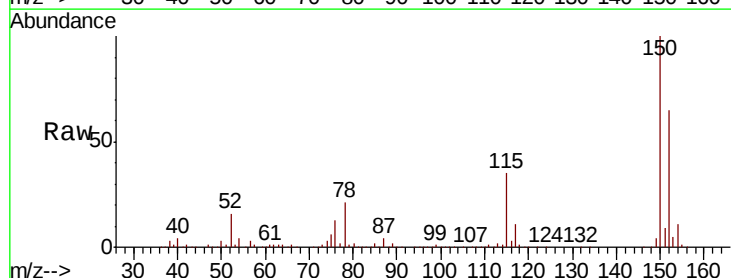
Tgt Ion:152 Resp: 174934

Ion Ratio Lower Upper

152 100

115 55.3 38.6 115.7

150 155.8 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

