

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061019\
 Data File : VX010181.D
 Acq On : 10 Jun 2019 16:32
 Operator : JC/SP
 Sample : K3257-03DL 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D1-20190606DL

Quant Time: Jun 11 07:29:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 02:12:13 2019
 Response via : Initial Calibration

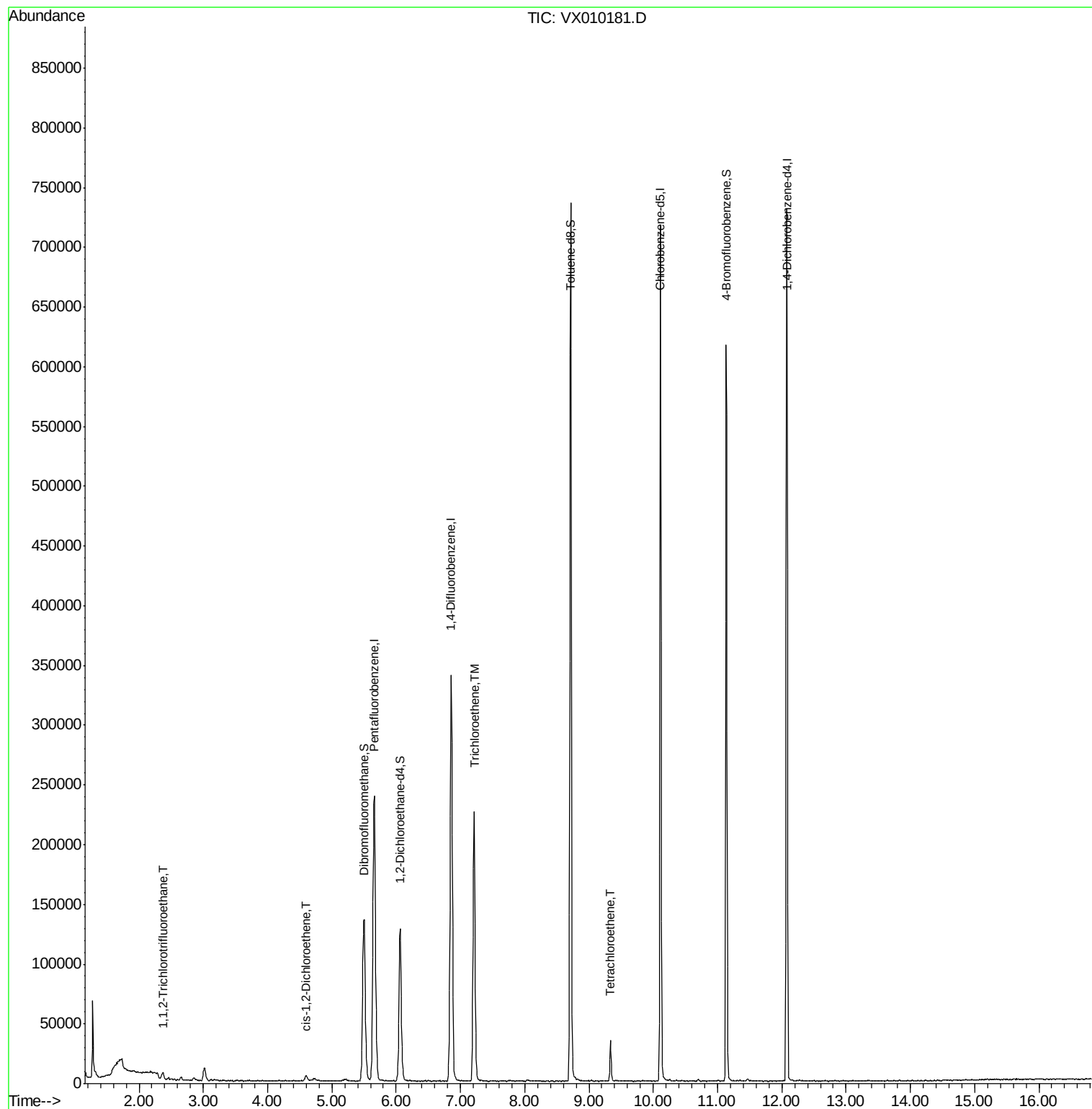
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	255649	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	387546	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	351513	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	168648	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	114556	45.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.82%	
35) Dibromofluoromethane	5.49	113	118884	49.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.46%	
50) Toluene-d8	8.71	98	457473	51.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.12%	
62) 4-Bromofluorobenzene	11.13	95	160783	48.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.10%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	2.37	101	1702	0.757	ug/l #	87
27) cis-1,2-Dichloroethene	4.60	96	2798	0.990	ug/l	78
44) Trichloroethene	7.21	130	95414	32.376	ug/l	84
64) Tetrachloroethene	9.34	164	7126	2.729	ug/l	87

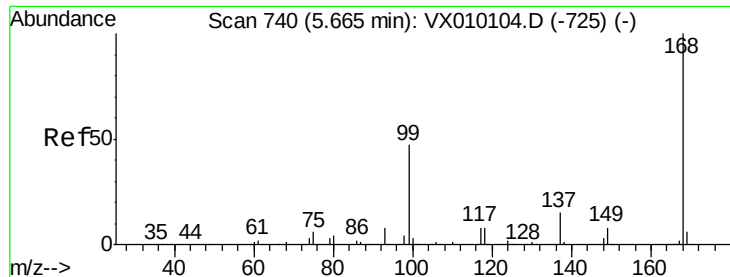
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX010181.D

Acq: 10 Jun 2019 16:32

Instrument :

MSVOA_X

ClientSampleId :

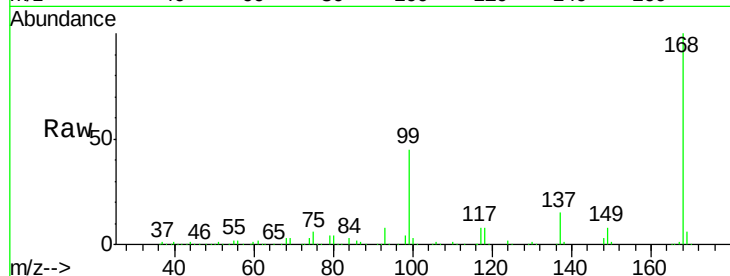
RE131D1-20190606DL

Tot Ion:168 Resp: 255649

Ion Ratio Lower Upper

168 100

99 45.4 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

100000

80000

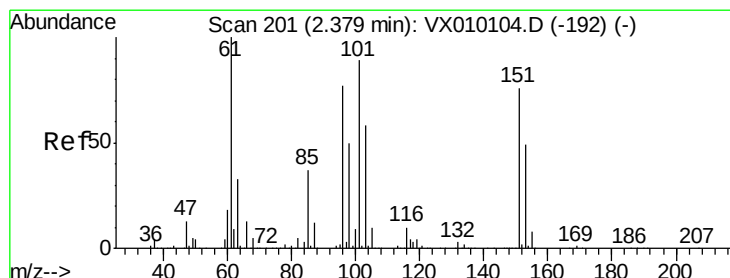
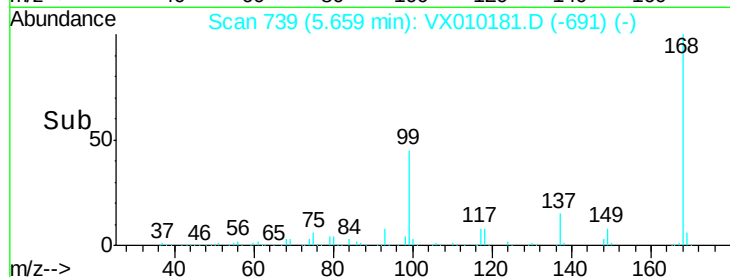
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.757 ug/l

RT: 2.37 min Scan# 199

Delta R.T. -0.01 min

Lab File: VX010181.D

Acq: 10 Jun 2019 16:32

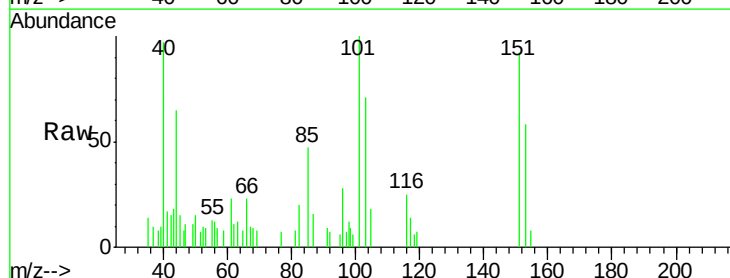
Tgt Ion:101 Resp: 1702

Ion Ratio Lower Upper

101 100

85 56.5 35.2 52.8#

151 86.1 61.9 92.9



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

1200

1000

800

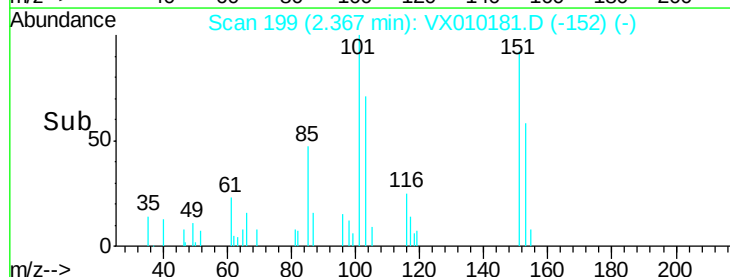
600

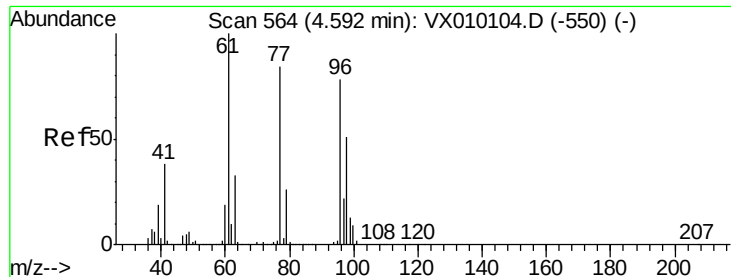
400

200

0

Time--> 2.30 2.35 2.40



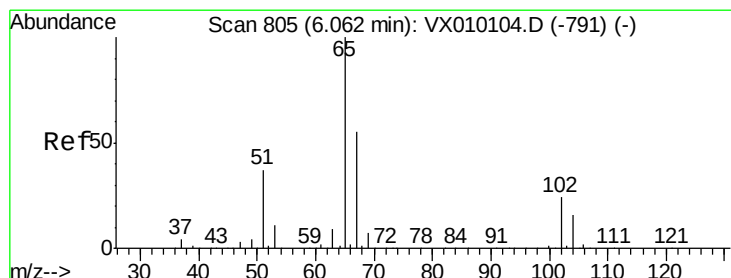
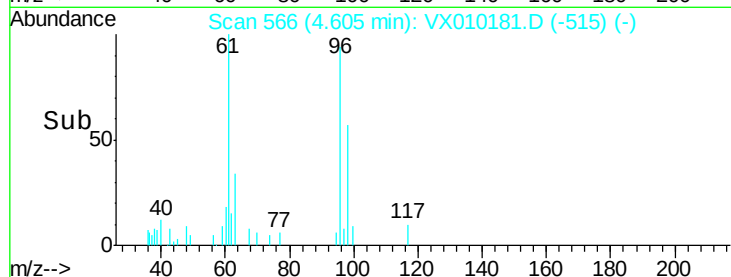
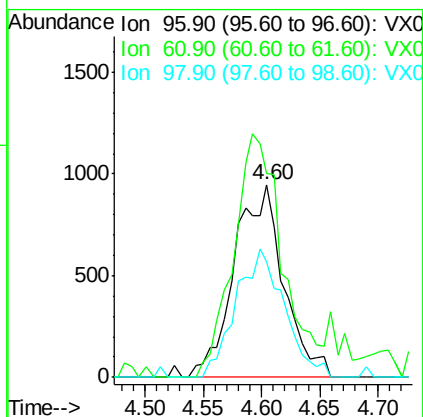
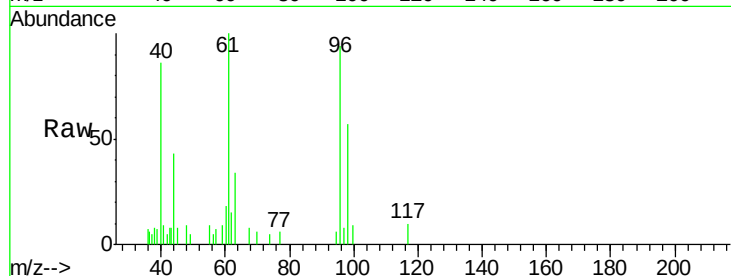


#27

cis-1,2-Dichloroethene
 Concen: 0.990 ug/l
 RT: 4.60 min Scan# 566
 Delta R.T. 0.01 min
 Lab File: VX010181.D
 Acq: 10 Jun 2019 16:32

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D1-20190606DL

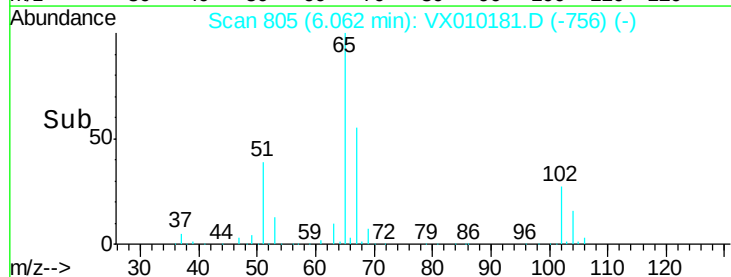
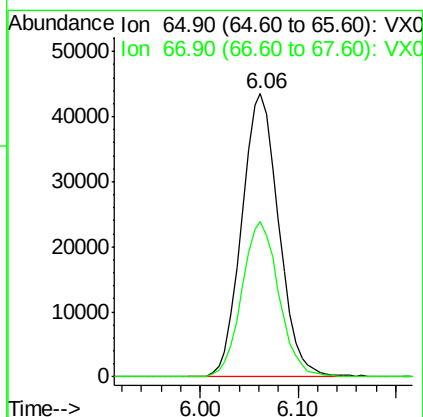
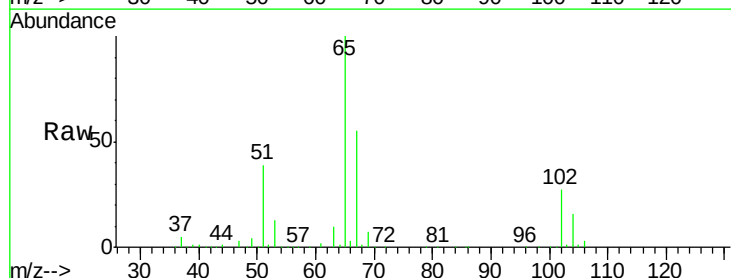
Tot Ion: 96 Resp: 2798
 Ion Ratio Lower Upper
 96 100
 61 125.7 0.0 334.0
 98 65.1 0.0 131.6

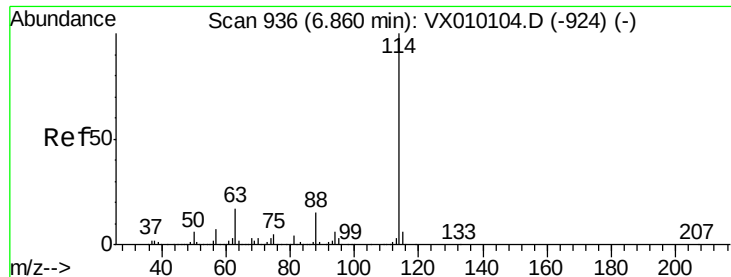


#33

1,2-Dichloroethane-d4
 Concen: 45.906 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010181.D
 Acq: 10 Jun 2019 16:32

Tgt Ion: 65 Resp: 114556
 Ion Ratio Lower Upper
 65 100
 67 55.1 0.0 108.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. -0.01 min

Lab File: VX010181.D

Acq: 10 Jun 2019 16:32

Instrument :

MSVOA_X

ClientSampleId :

RE131D1-20190606DL

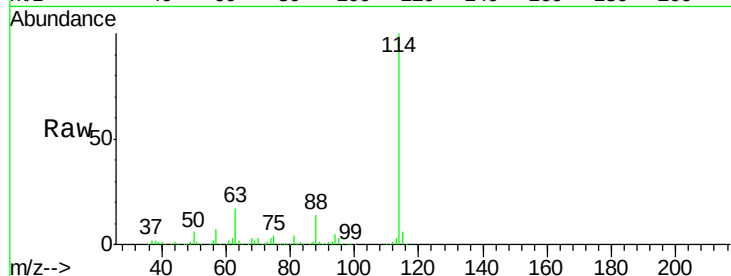
Tot Ion:114 Resp: 387546

Ion Ratio Lower Upper

114 100

63 16.5 0.0 47.4

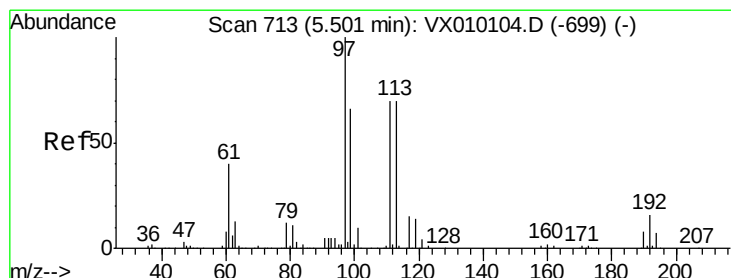
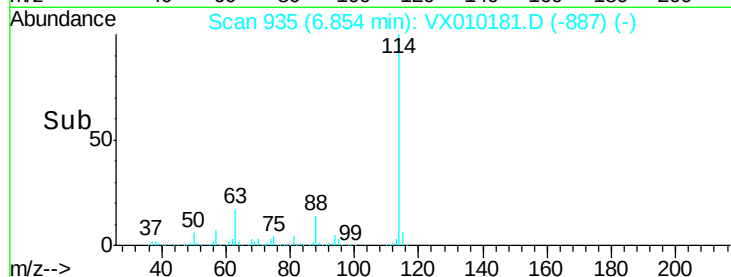
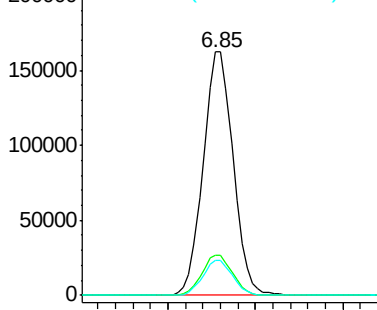
88 14.5 0.0 33.0



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: 49.732 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX010181.D

Acq: 10 Jun 2019 16:32

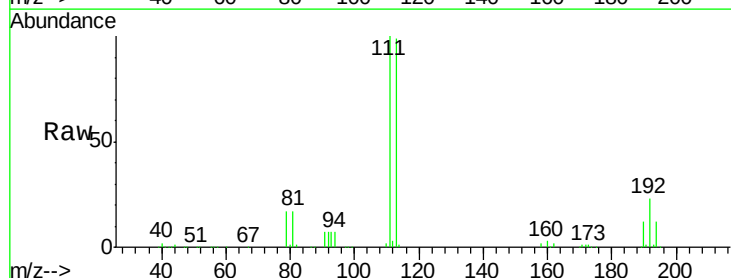
Tgt Ion:113 Resp: 118884

Ion Ratio Lower Upper

113 100

111 101.7 82.2 123.2

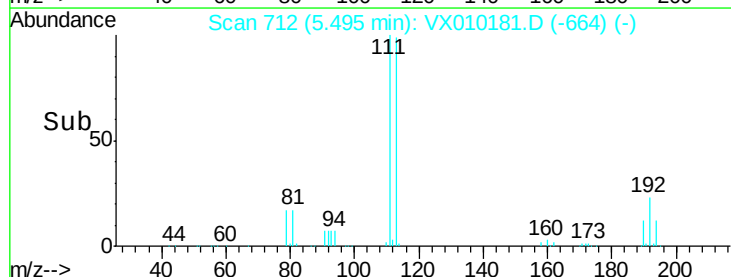
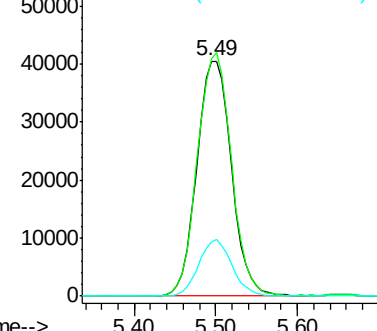
192 23.1 17.1 25.7

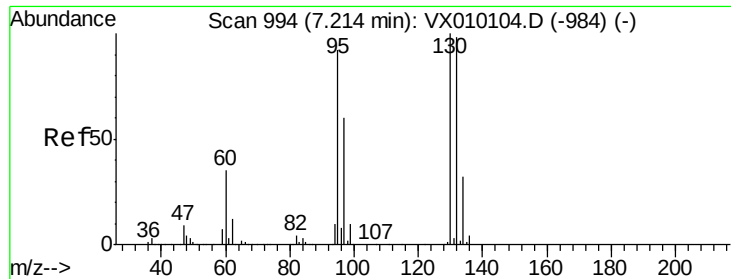


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 32.376 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX010181.D

Acq: 10 Jun 2019 16:32

Instrument :

MSVOA_X

ClientSampleId :

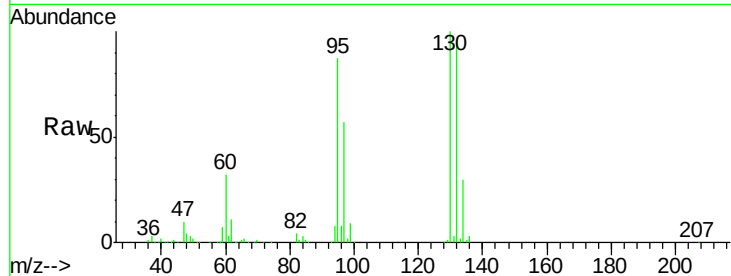
RE131D1-20190606DL

Tot Ion:130 Resp: 95414

Ion Ratio Lower Upper

130 100

95 87.5 0.0 207.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.21

50000

40000

30000

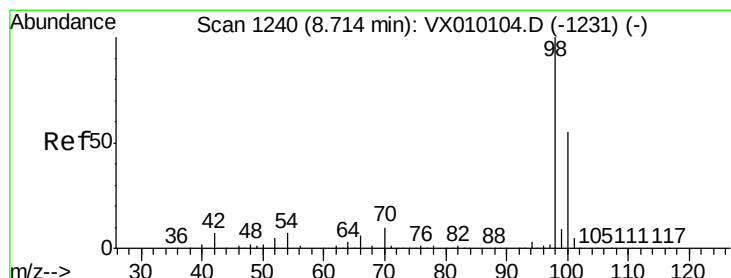
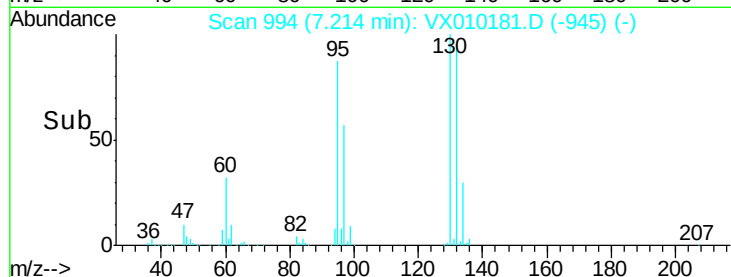
20000

10000

0

7.10 7.20 7.30

Time-->



#50

Toluene-d8

Concen: 51.062 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010181.D

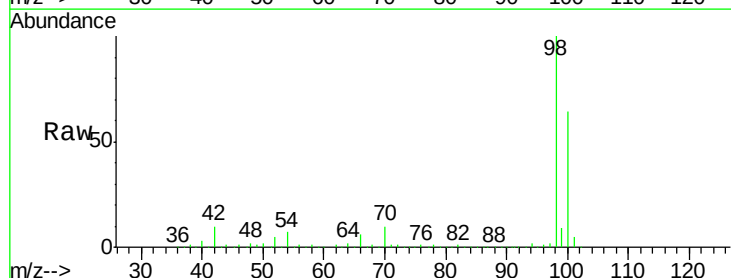
Acq: 10 Jun 2019 16:32

Tgt Ion: 98 Resp: 457473

Ion Ratio Lower Upper

98 100

100 64.3 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

8.71

300000

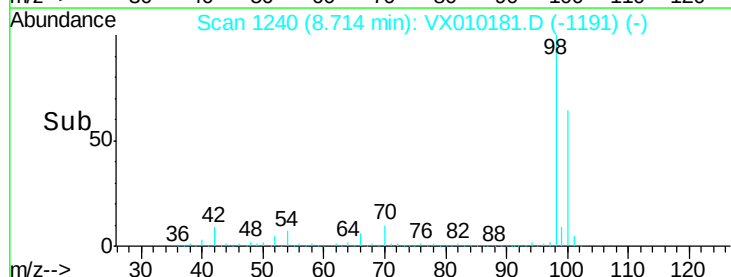
200000

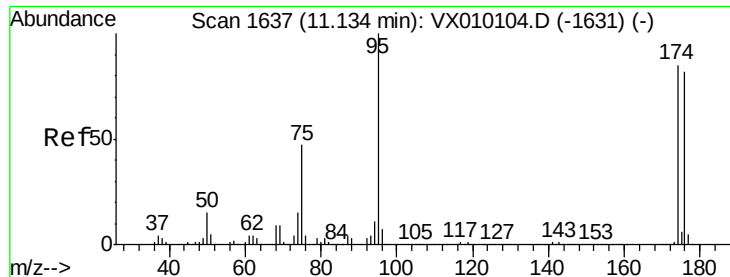
100000

0

8.60 8.70 8.80 8.90

Time-->

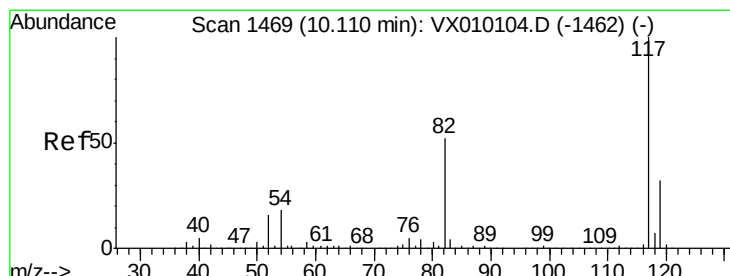
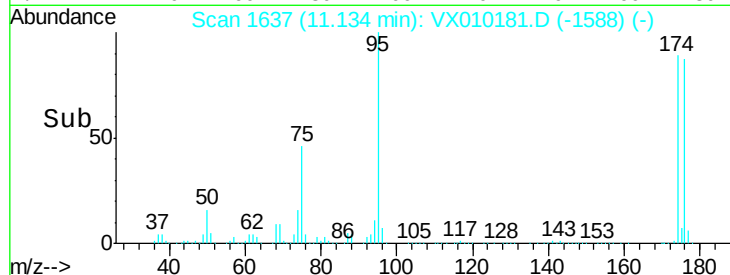
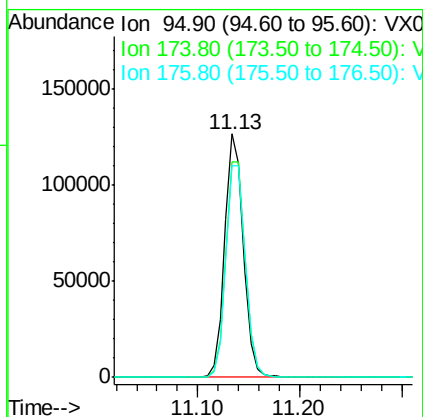
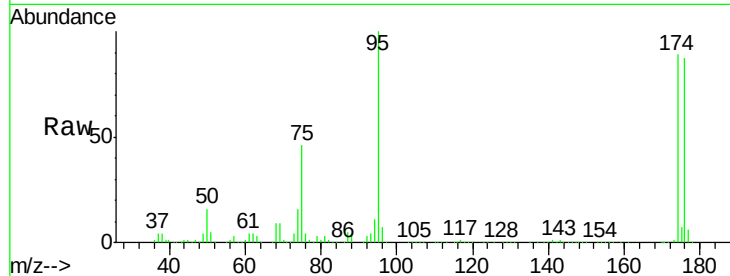




#62
4-Bromofluorobenzene
Concen: 48.054 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010181.D
Acq: 10 Jun 2019 16:32

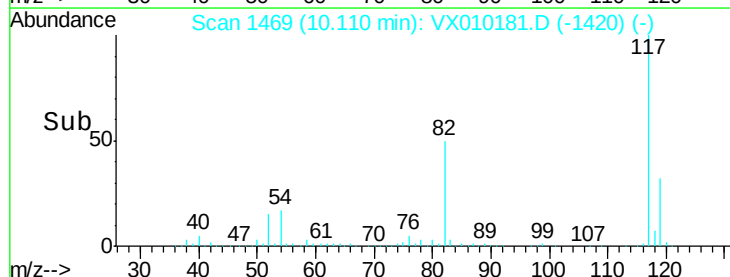
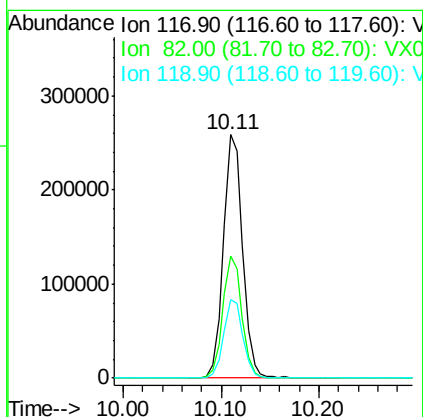
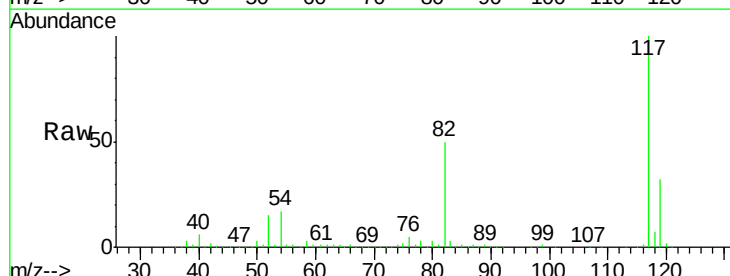
Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20190606DL

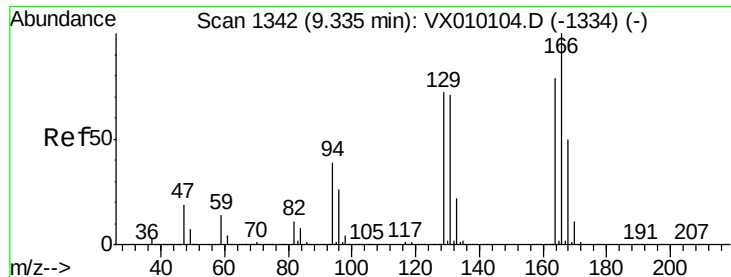
Tot Ion: 95 Resp: 160783
Ion Ratio Lower Upper
95 100
174 92.8 0.0 160.4
176 90.8 0.0 154.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010181.D
Acq: 10 Jun 2019 16:32

Tgt Ion: 117 Resp: 351513
Ion Ratio Lower Upper
117 100
82 49.9 49.2 73.8
119 32.0 25.2 37.8





#64

Tetrachloroethene

Concen: 2.729 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX010181.D

Acq: 10 Jun 2019 16:32

Instrument :

MSVOA_X

ClientSampleId :

RE131D1-20190606DL

Tot Ion:164 Resp: 7126

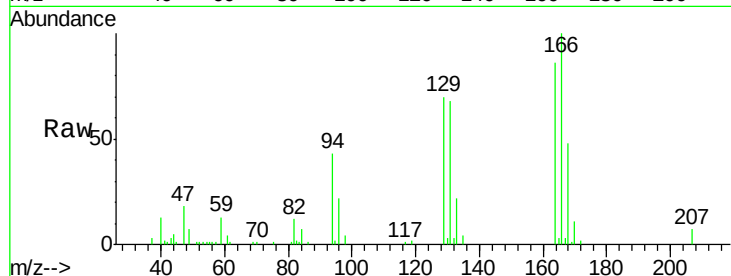
Ion Ratio Lower Upper

164 100

166 115.8 105.0 157.4

129 80.5 75.1 112.7

131 79.1 72.2 108.4

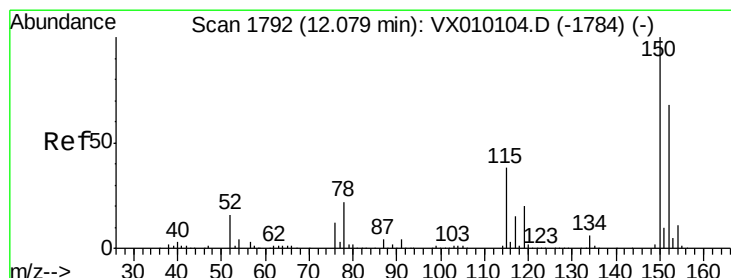
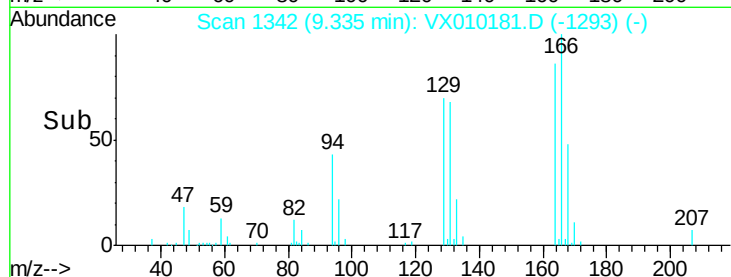
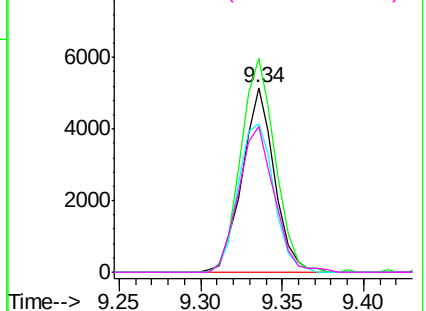


Abundance Ion 163.80 (163.50 to 164.50): V

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: VX010181.D

Acq: 10 Jun 2019 16:32

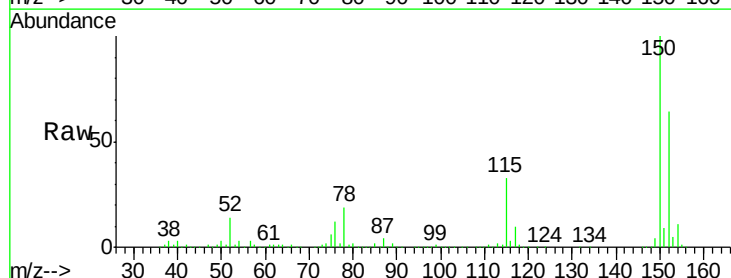
Tgt Ion:152 Resp: 168648

Ion Ratio Lower Upper

152 100

115 53.6 41.4 124.2

150 156.6 0.0 345.2



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

