

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121119\
 Data File : VX013944.D
 Acq On : 11 Dec 2019 15:08
 Operator : JC/SP
 Sample : K6184-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE134D4-20191202

Quant Time: Dec 12 05:20:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

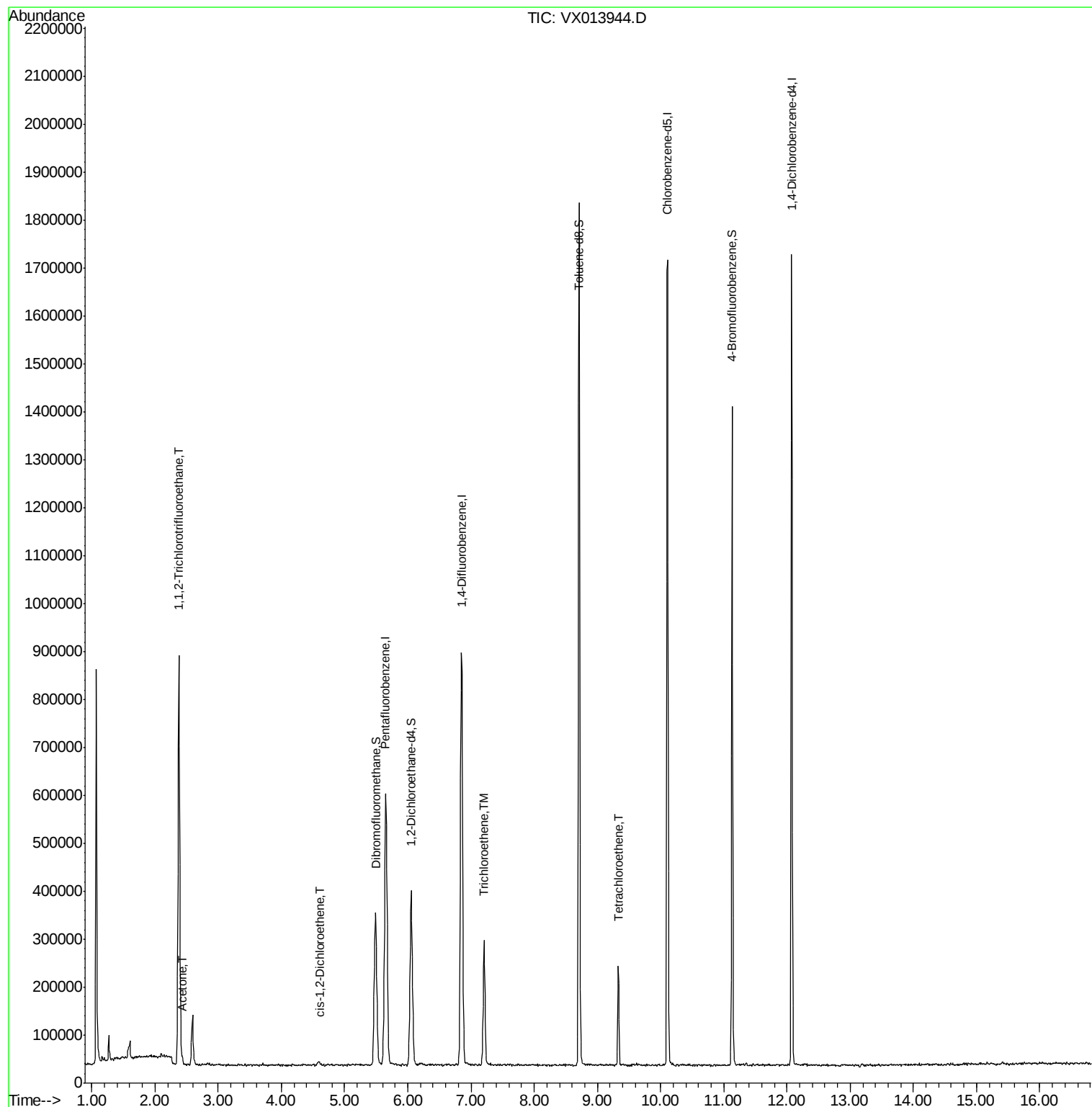
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	588429	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	897902	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	804026	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	351101	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	332095	48.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.24%	
35) Dibromofluoromethane	5.49	113	270508	48.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.46%	
50) Toluene-d8	8.71	98	1067080	49.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.68%	
62) 4-Bromofluorobenzene	11.14	95	353088	45.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.54%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	2.37	101	351754	62.699	ug/l	99
16) Acetone	2.43	43	10643	3.156	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	5892	0.841	ug/l	80
44) Trichloroethene	7.21	130	105287	15.454	ug/l	98
64) Tetrachloroethene	9.33	164	41259	6.881	ug/l	95

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

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX013944.D

Acq: 11 Dec 2019 15:08

Instrument :

MSVOA_X

ClientSampleId :

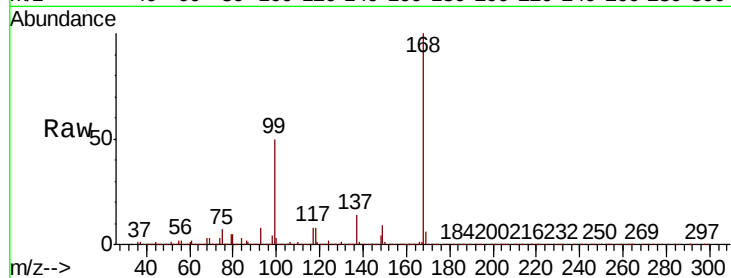
RE134D4-20191202

Tot Ion:168 Resp: 588429

Ion Ratio Lower Upper

168 100

99 49.9 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

200000

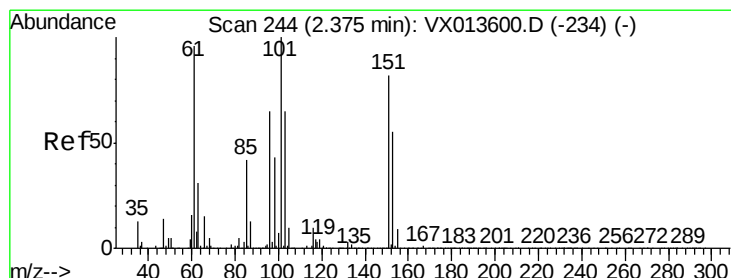
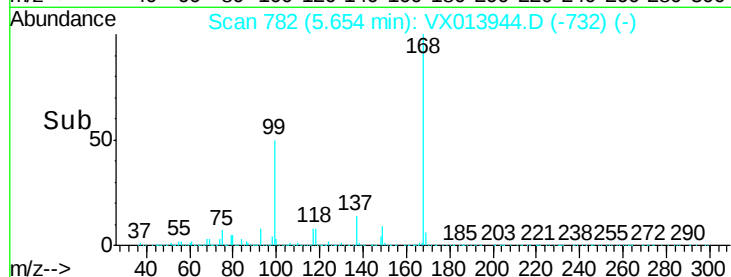
150000

100000

50000

0

Time-->



#9

1,1,2-Trichlorotrifluoroethane

Concen: 62.699 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.00 min

Lab File: VX013944.D

Acq: 11 Dec 2019 15:08

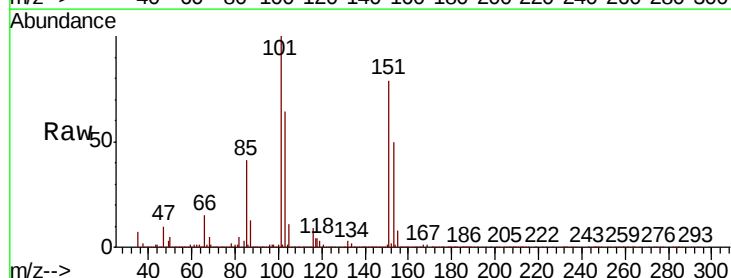
Tgt Ion:101 Resp: 351754

Ion Ratio Lower Upper

101 100

85 41.7 33.9 50.9

151 80.8 64.2 96.2



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

2.37

200000

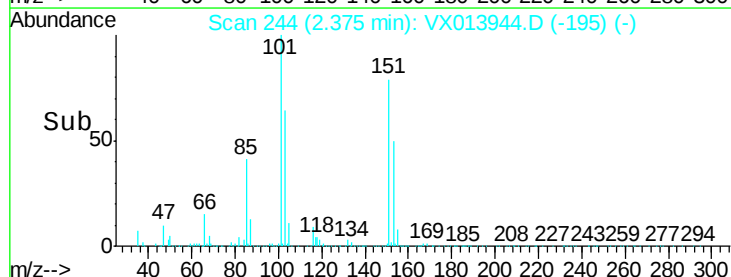
150000

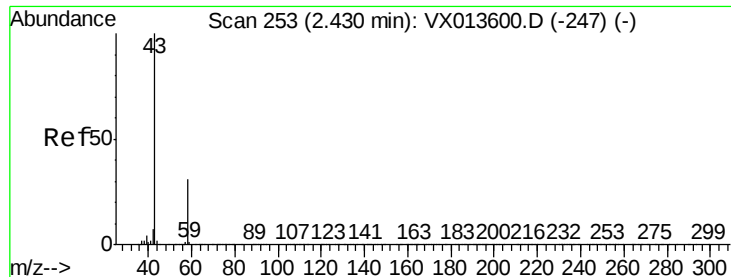
100000

50000

0

Time-->





#16

Acetone

Concen: 3.156 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX013944.D

Acq: 11 Dec 2019 15:08

Instrument :

MSVOA_X

ClientSampleId :

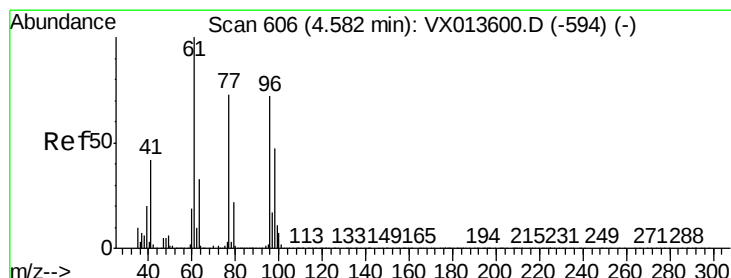
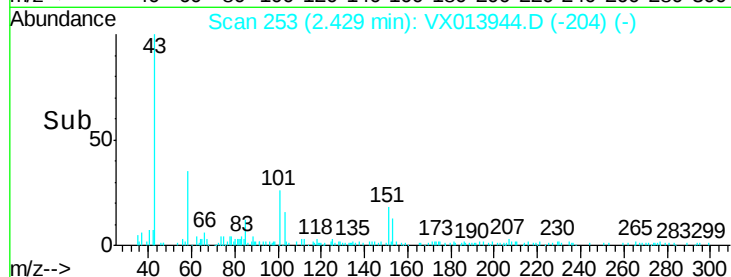
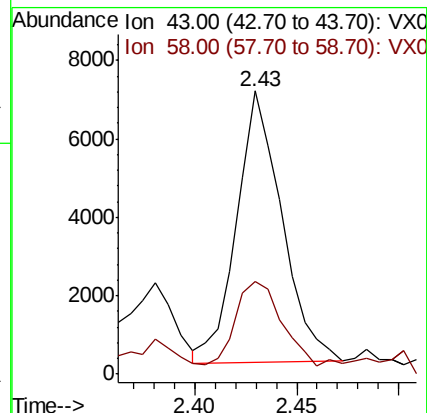
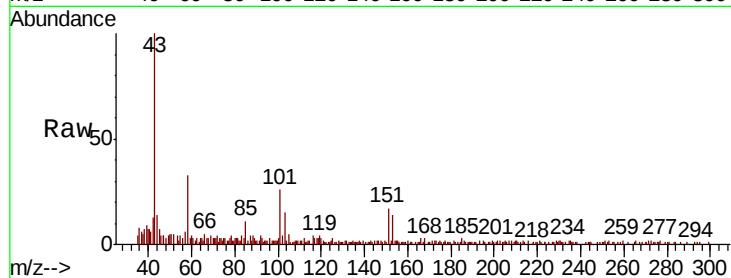
RE134D4-20191202

Tot Ion: 43 Resp: 10643

Ion Ratio Lower Upper

43 100

58 30.6 24.6 36.8



#27

cis-1,2-Dichloroethene

Concen: 0.841 ug/l

RT: 4.59 min Scan# 608

Delta R.T. 0.01 min

Lab File: VX013944.D

Acq: 11 Dec 2019 15:08

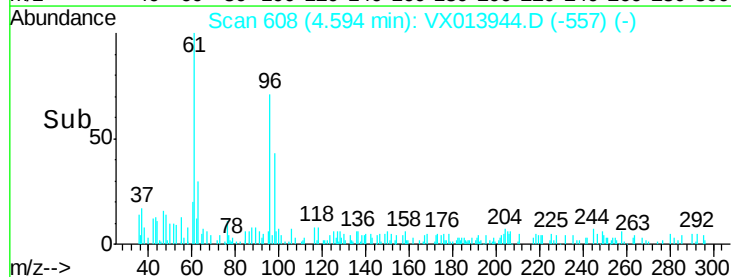
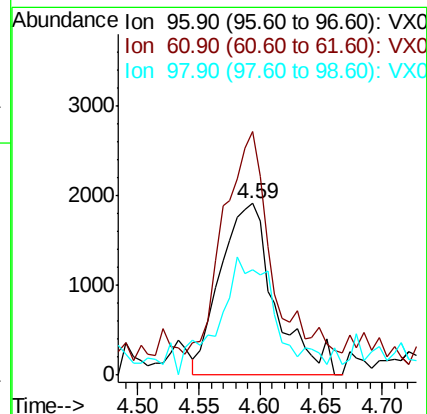
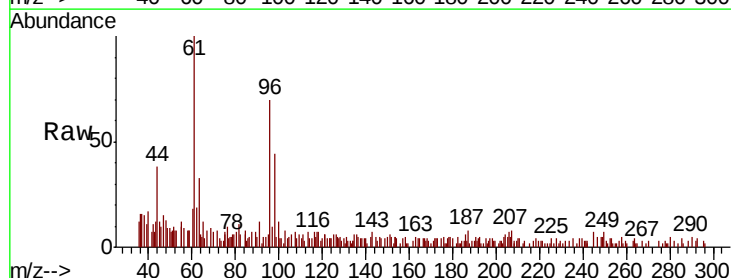
Tgt Ion: 96 Resp: 5892

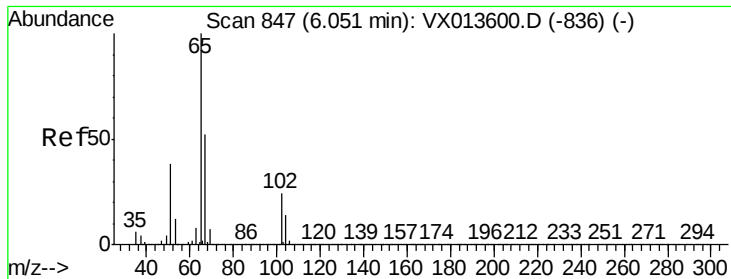
Ion Ratio Lower Upper

96 100

61 110.2 0.0 286.4

98 67.9 0.0 127.4





#33

1,2-Dichloroethane-d4

Concen: 48.621 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX013944.D

Acq: 11 Dec 2019 15:08

Instrument :

MSVOA_X

ClientSampleId :

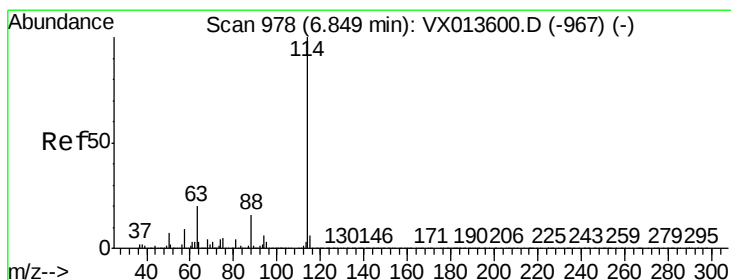
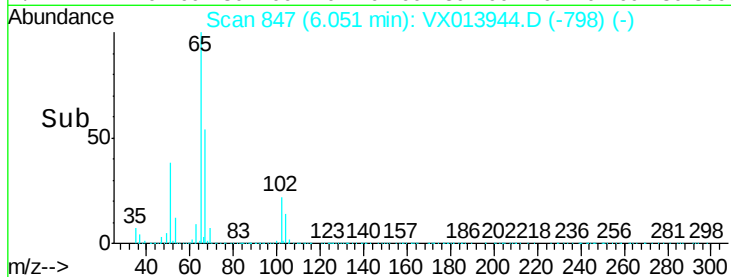
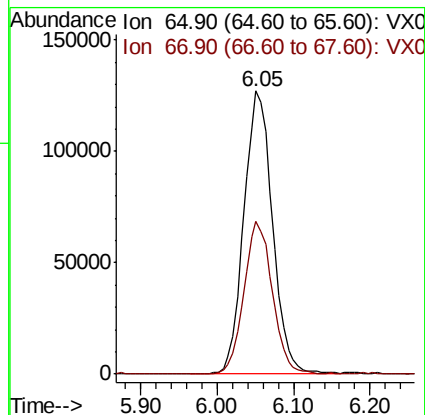
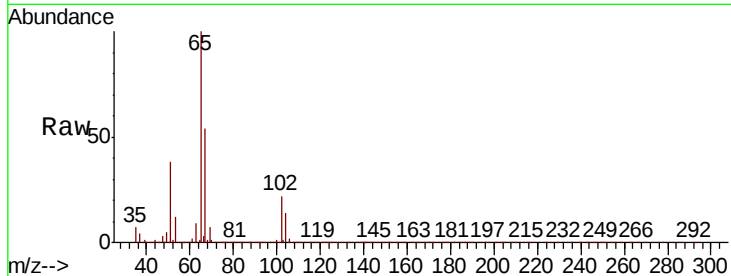
RE134D4-20191202

Tot Ion: 65 Resp: 332095

Ion Ratio Lower Upper

65 100

67 53.0 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: VX013944.D

Acq: 11 Dec 2019 15:08

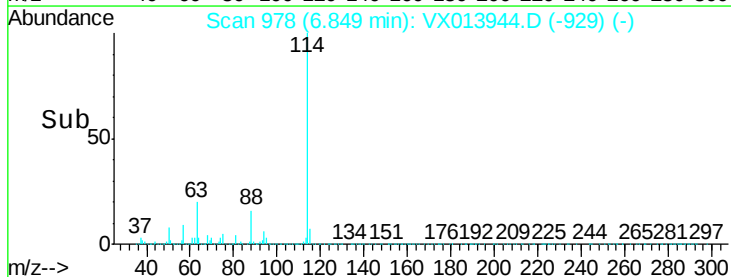
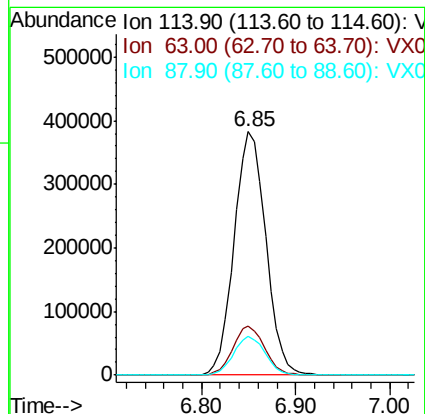
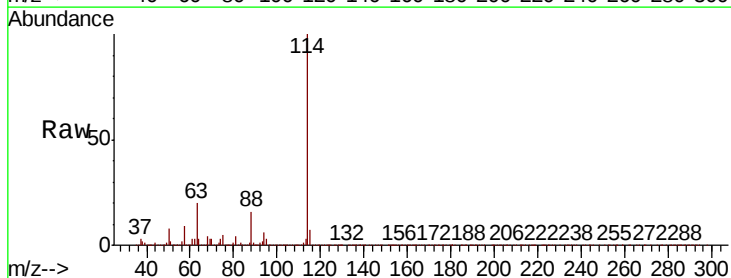
Tgt Ion: 114 Resp: 897902

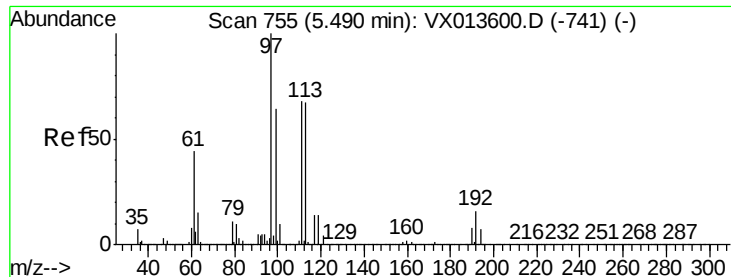
Ion Ratio Lower Upper

114 100

63 19.9 0.0 39.6

88 16.0 0.0 31.4





#35

Dibromofluoromethane

Concen: 48.732 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX013944.D

Acq: 11 Dec 2019 15:08

Instrument :

MSVOA_X

ClientSampleId :

RE134D4-20191202

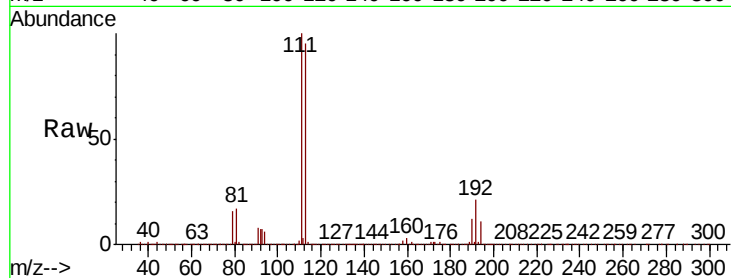
Tot Ion:113 Resp: 270508

Ion Ratio Lower Upper

113 100

111 103.2 83.6 125.4

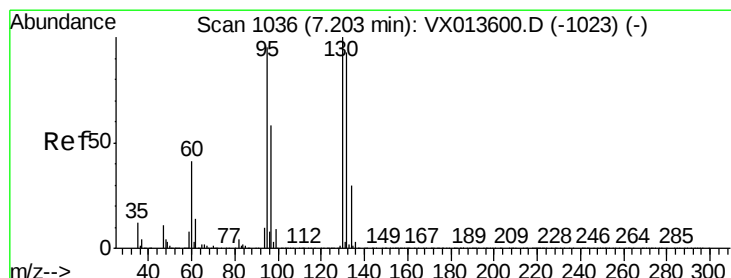
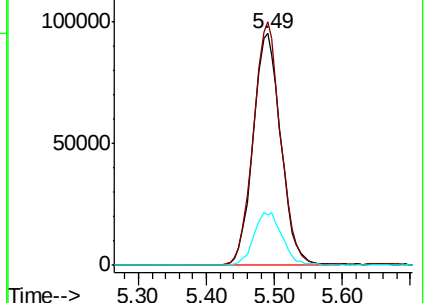
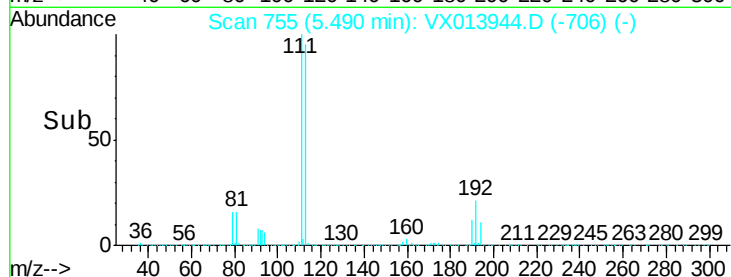
192 23.4 19.2 28.8



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: 15.454 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX013944.D

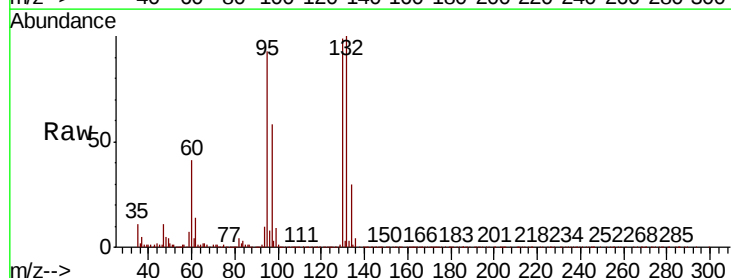
Acq: 11 Dec 2019 15:08

Tgt Ion:130 Resp: 105287

Ion Ratio Lower Upper

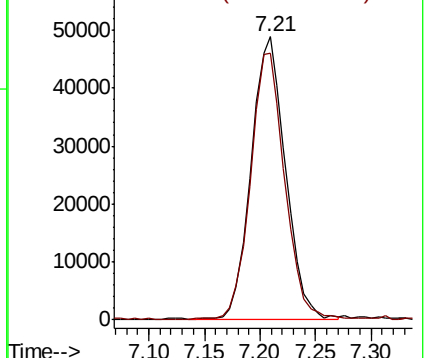
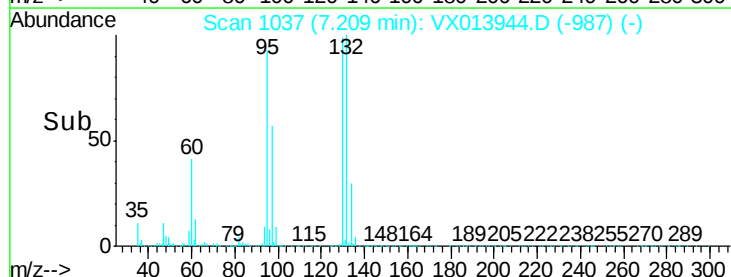
130 100

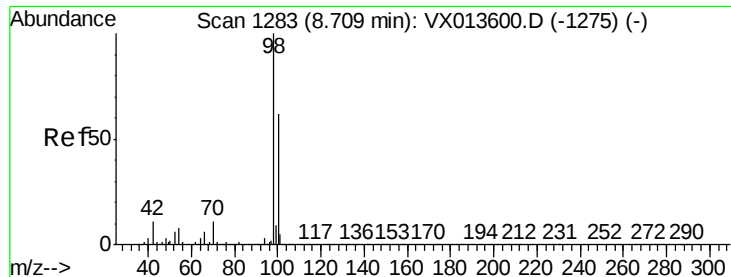
95 93.8 0.0 190.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#50

Toluene-d8

Concen: 49.340 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX013944.D

Acq: 11 Dec 2019 15:08

Instrument :

MSVOA_X

ClientSampleId :

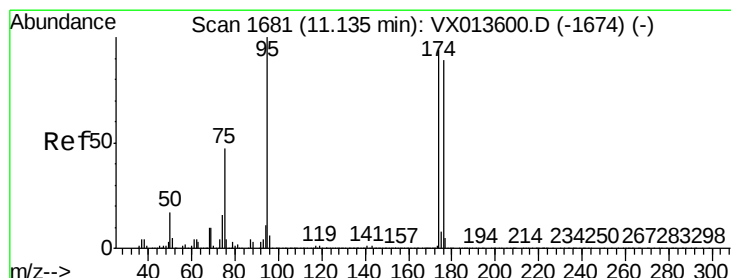
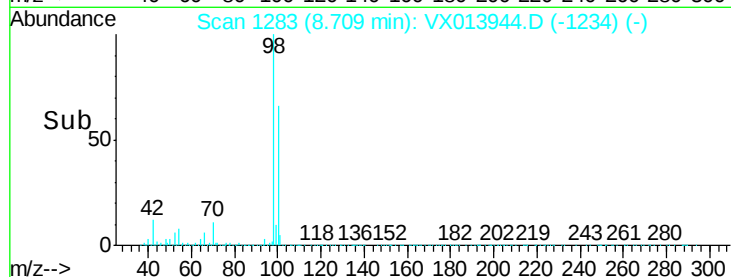
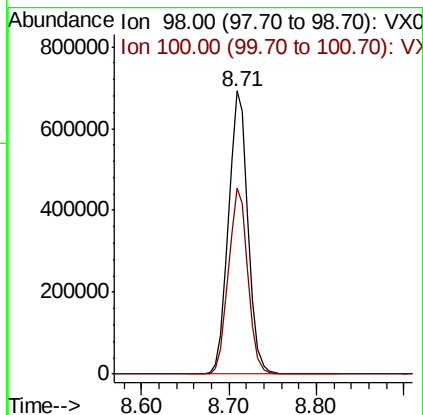
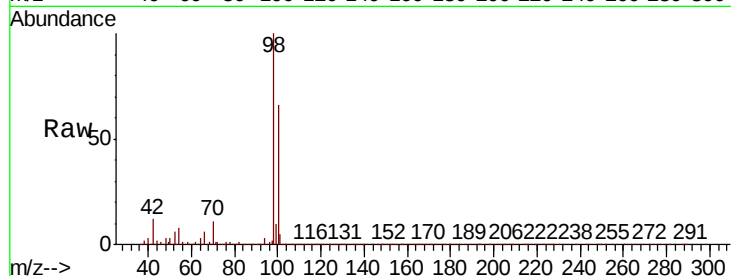
RE134D4-20191202

Tot Ion: 98 Resp: 1067080

Ion Ratio Lower Upper

98 100

100 65.7 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 45.275 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX013944.D

Acq: 11 Dec 2019 15:08

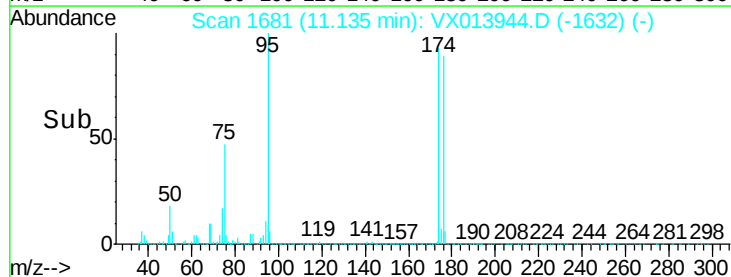
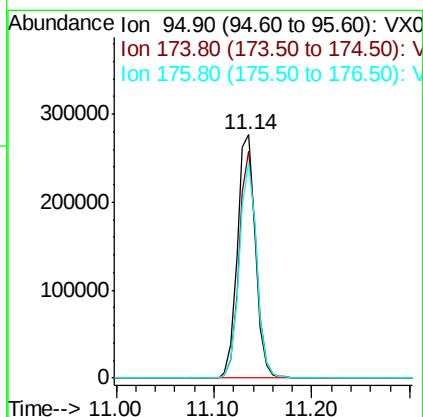
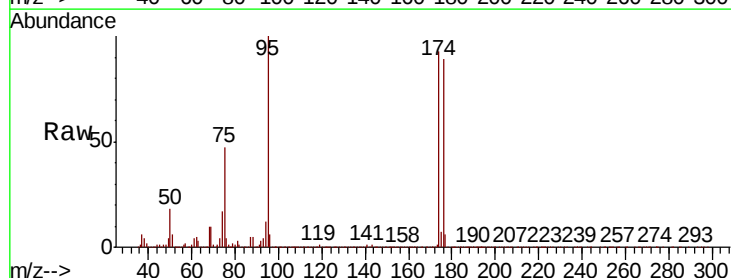
Tgt Ion: 95 Resp: 353088

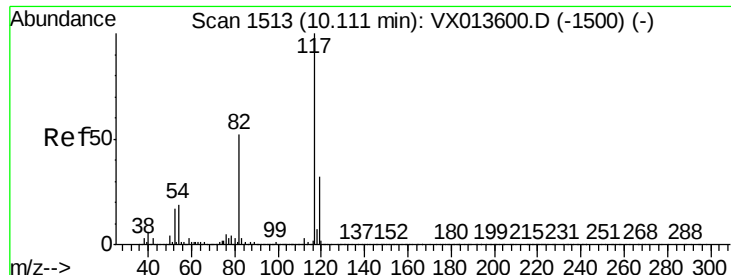
Ion Ratio Lower Upper

95 100

174 88.9 0.0 180.0

176 86.0 0.0 173.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VX013944.D

Acq: 11 Dec 2019 15:08

Instrument :

MSVOA_X

ClientSampleId :

RE134D4-20191202

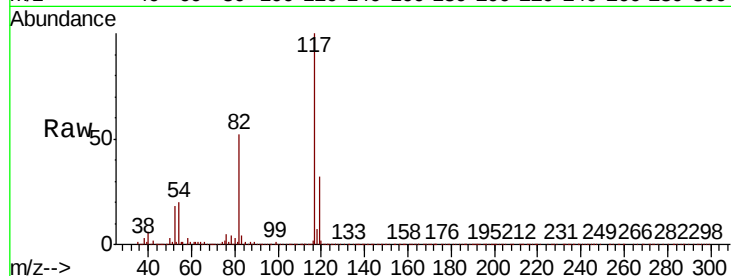
Tot Ion:117 Resp: 804026

Ion Ratio Lower Upper

117 100

82 51.9 41.8 62.8

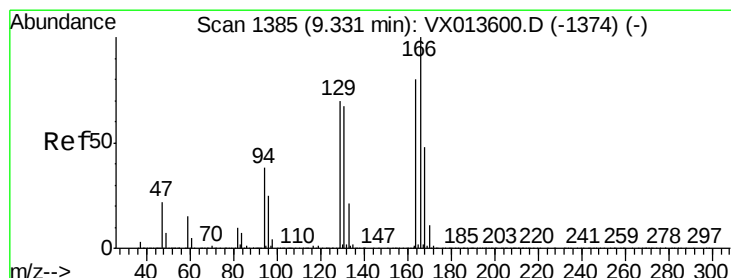
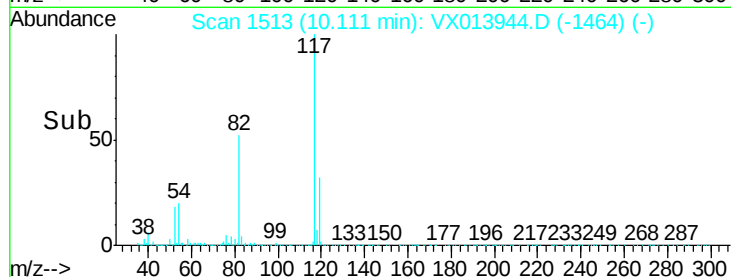
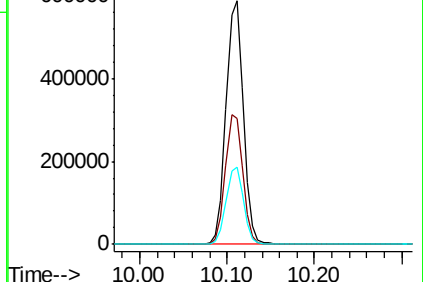
119 31.7 25.8 38.8



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: 6.881 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VX013944.D

Acq: 11 Dec 2019 15:08

Tgt Ion:164 Resp: 41259

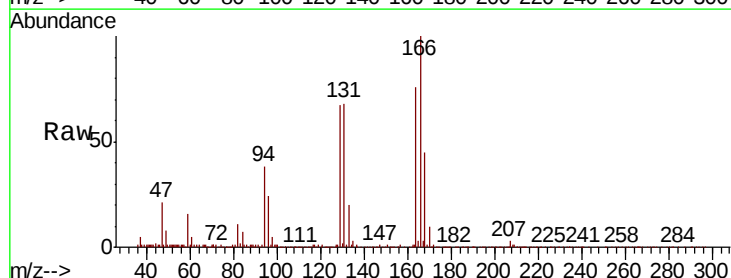
Ion Ratio Lower Upper

164 100

166 132.3 99.7 149.5

129 88.6 70.1 105.1

131 89.5 66.9 100.3

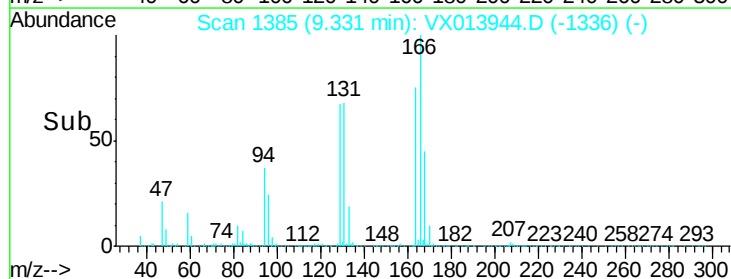
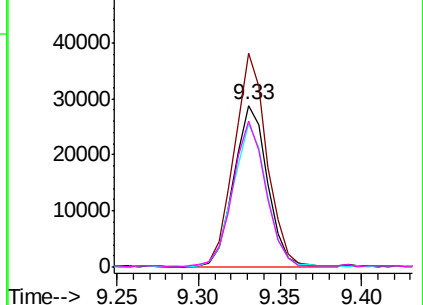


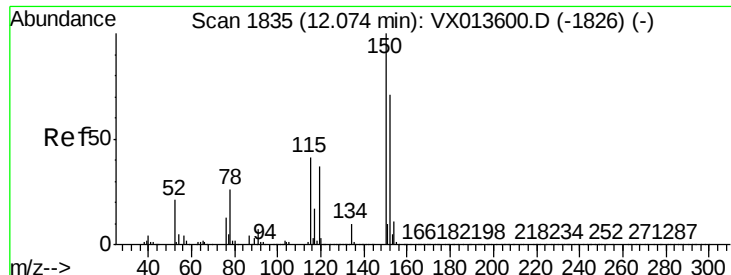
Abundance Ion 163.80 (163.50 to 164.50): V

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: VX013944.D

Acq: 11 Dec 2019 15:08

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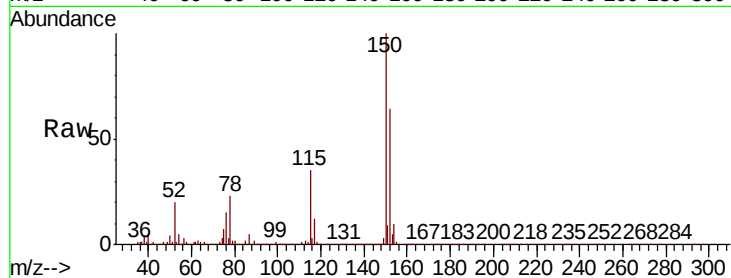
Tot Ion:152 Resp: 351101

Ion Ratio Lower Upper

152 100

115 54.5 38.4 115.1

150 155.1 0.0 346.8



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

