

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120919\
 Data File : VX013862.D
 Acq On : 09 Dec 2019 19:41
 Operator : JC/SP
 Sample : K6185-10DL 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D3-20191205DL

Quant Time: Dec 10 04:46:55 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

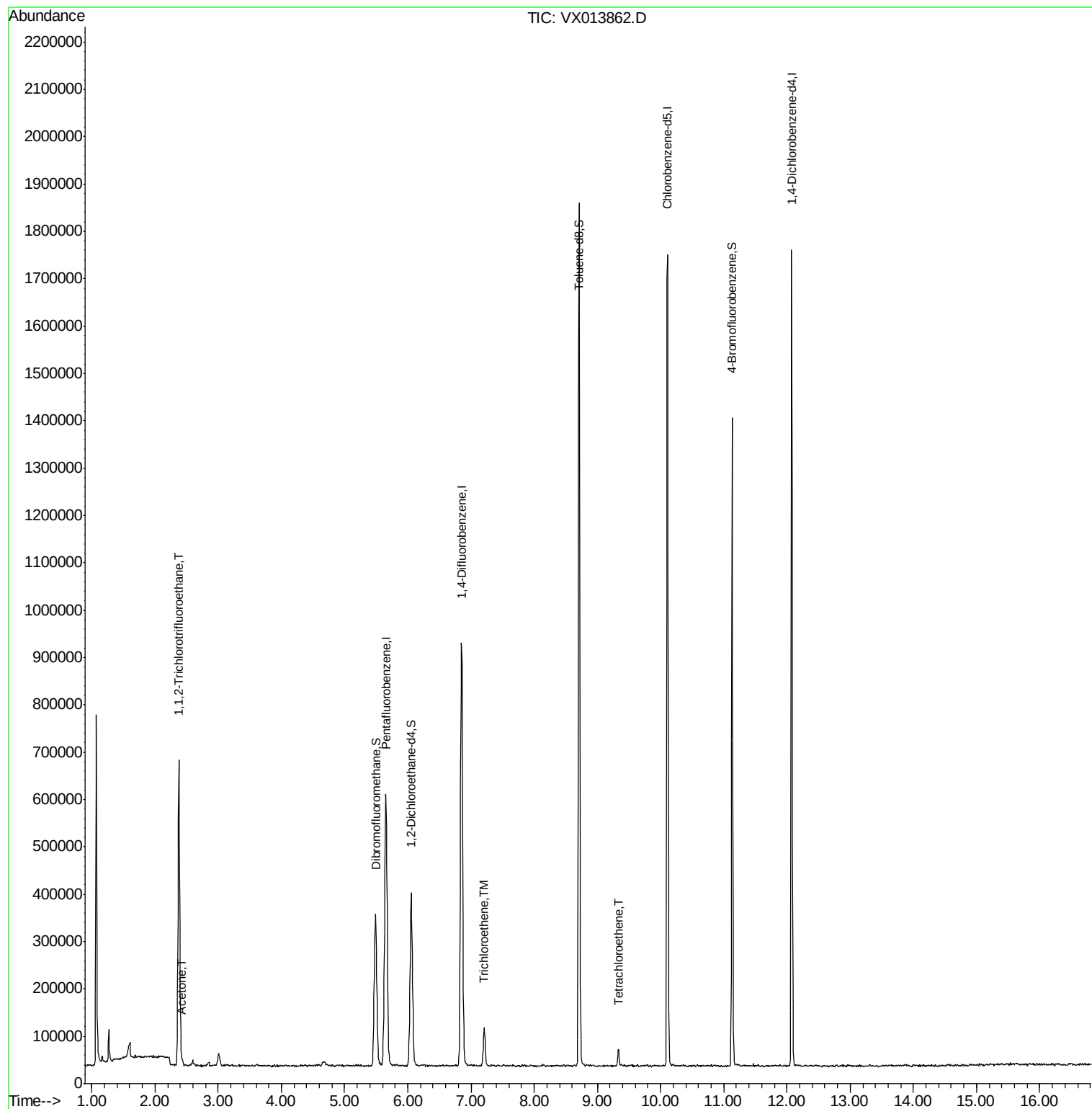
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	597113	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	928661	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	814281	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	354819	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	340490	49.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.24%	
35) Dibromofluoromethane	5.49	113	277114	48.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.54%	
50) Toluene-d8	8.71	98	1091760	48.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.62%	
62) 4-Bromofluorobenzene	11.14	95	355439	44.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.14%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	2.37	101	268701	47.199	ug/l	98
16) Acetone	2.43	43	11007	3.217	ug/l	90
44) Trichloroethene	7.21	130	33656	4.776	ug/l	99
64) Tetrachloroethene	9.34	164	8417	1.386	ug/l	86

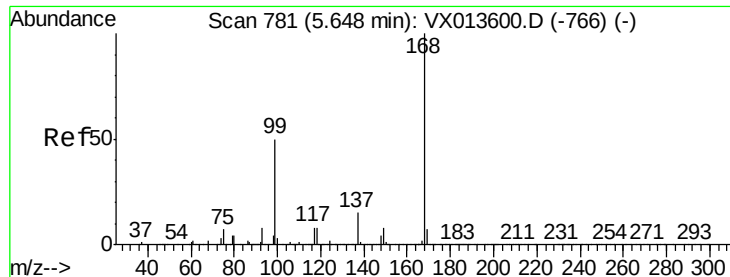
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Nov 26 15:53:00 2019
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: VX013862.D

Acq: 09 Dec 2019 19:41

Instrument :

MSVOA_X

ClientSampleId :

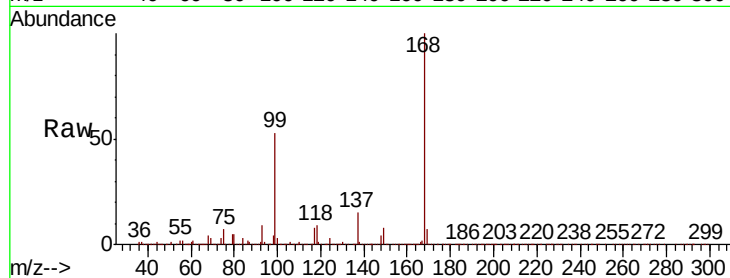
RE131D3-20191205DL

Tot Ion:168 Resp: 597113

Ion Ratio Lower Upper

168 100

99 52.6 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

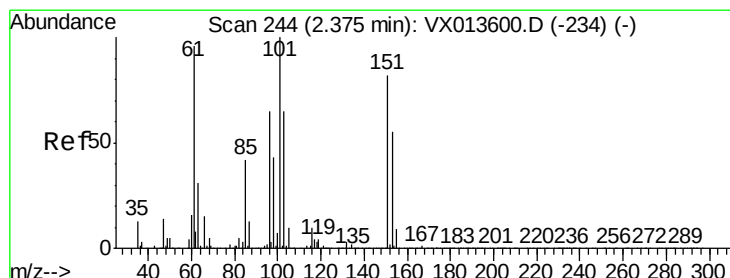
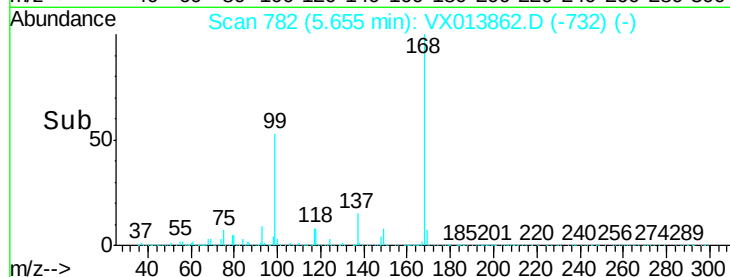
150000

100000

50000

0

Time-->



#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.199 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX013862.D

Acq: 09 Dec 2019 19:41

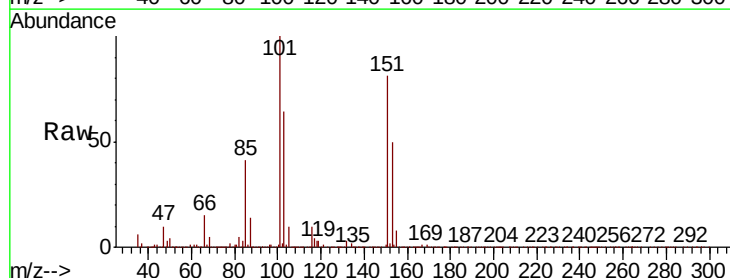
Tgt Ion:101 Resp: 268701

Ion Ratio Lower Upper

101 100

85 41.3 33.9 50.9

151 81.7 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

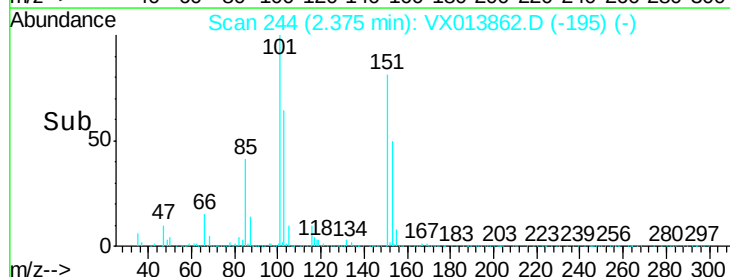
150000

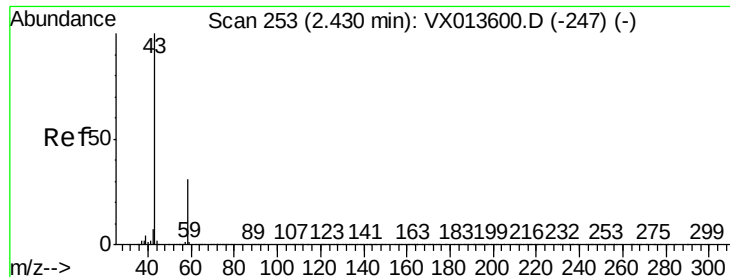
100000

50000

0

Time-->





#16

Acetone

Concen: 3.217 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX013862.D

Acq: 09 Dec 2019 19:41

Instrument :

MSVOA_X

ClientSampleId :

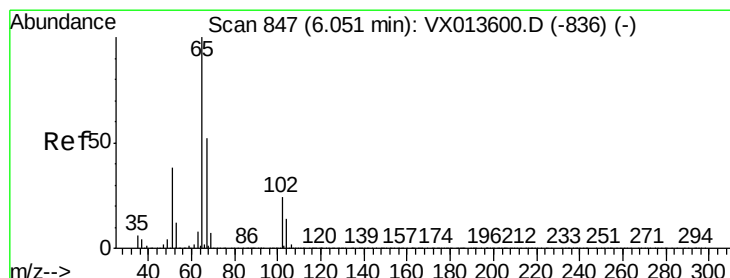
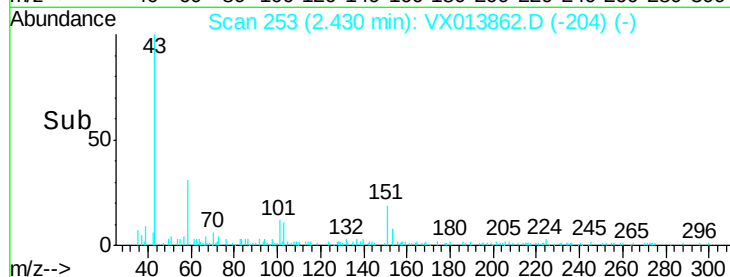
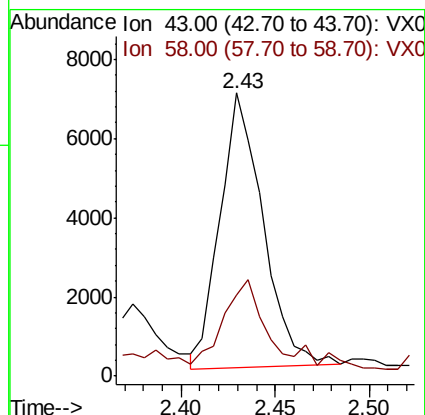
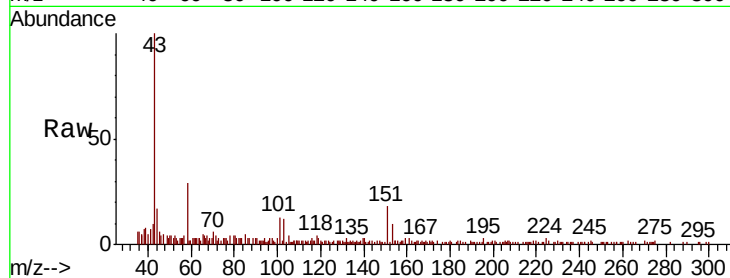
RE131D3-20191205DL

Tot Ion: 43 Resp: 11007

Ion Ratio Lower Upper

43 100

58 25.4 24.6 36.8



#33

1,2-Dichloroethane-d4

Concen: 49.125 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX013862.D

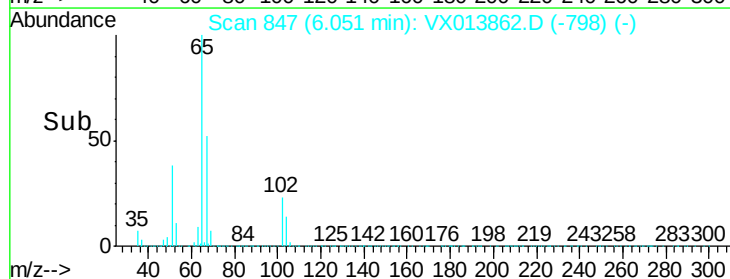
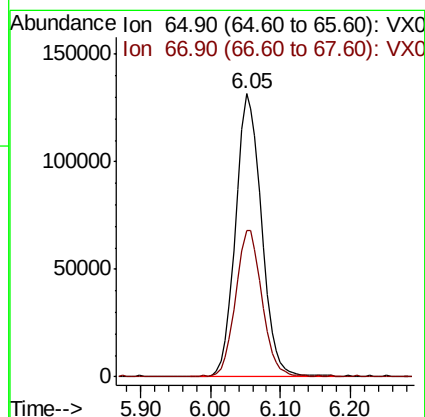
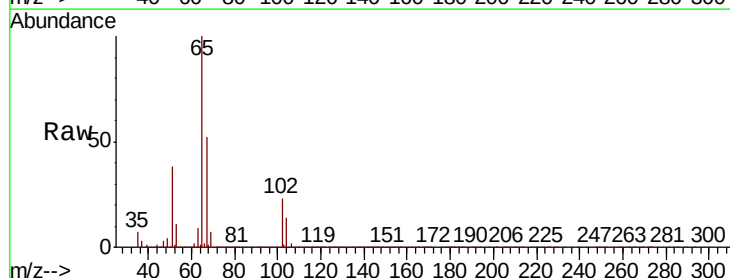
Acq: 09 Dec 2019 19:41

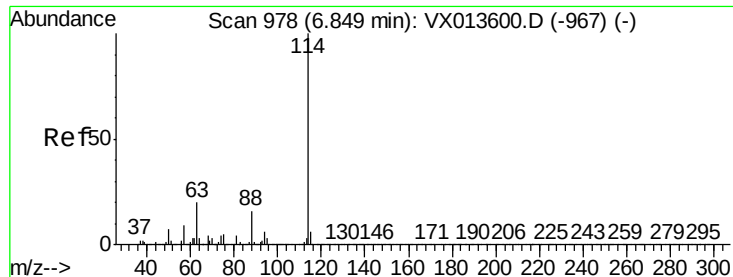
Tgt Ion: 65 Resp: 340490

Ion Ratio Lower Upper

65 100

67 52.4 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: VX013862.D

Acq: 09 Dec 2019 19:41

Instrument :

MSVOA_X

ClientSampleId :

RE131D3-20191205DL

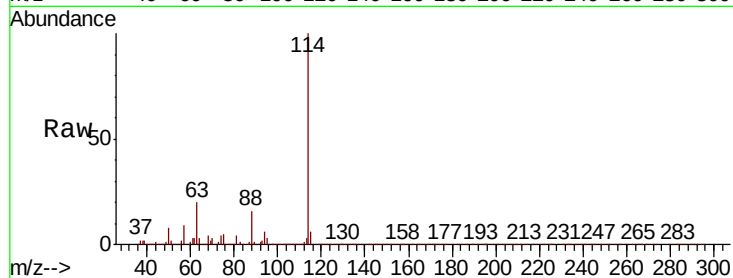
Tot Ion:114 Resp: 928661

Ion Ratio Lower Upper

114 100

63 20.3 0.0 39.6

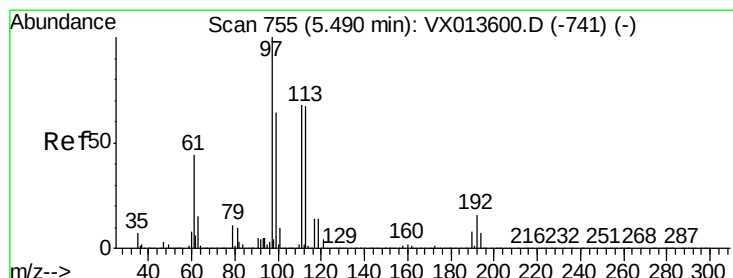
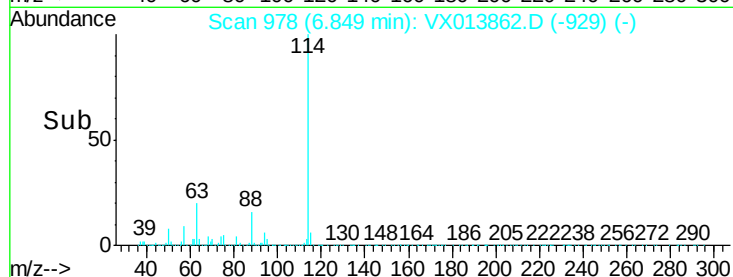
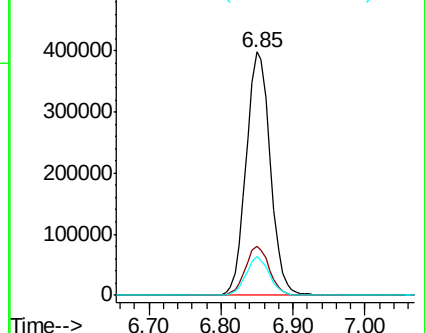
88 15.7 0.0 31.4



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: 48.268 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX013862.D

Acq: 09 Dec 2019 19:41

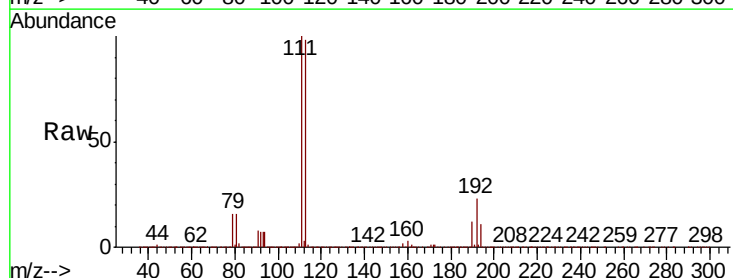
Tgt Ion:113 Resp: 277114

Ion Ratio Lower Upper

113 100

111 102.5 83.6 125.4

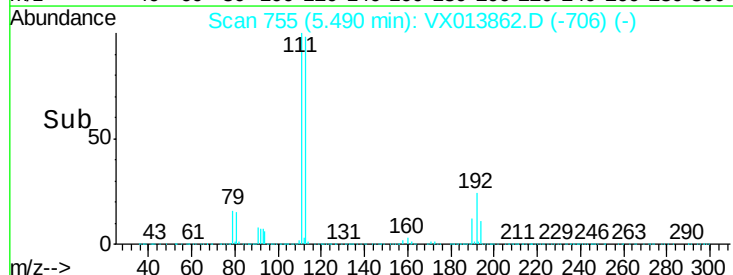
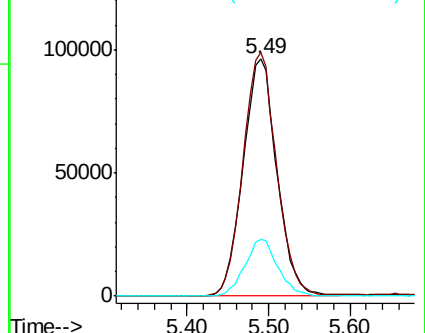
192 23.5 19.2 28.8

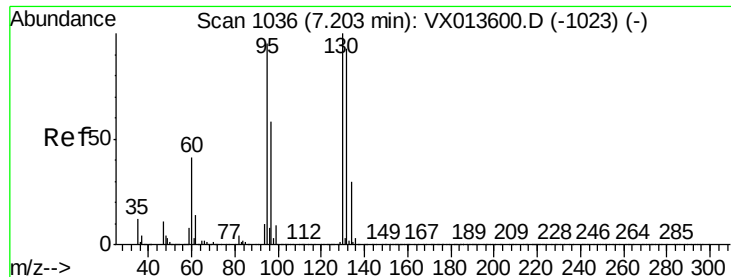


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 4.776 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX013862.D

Acq: 09 Dec 2019 19:41

Instrument :

MSVOA_X

ClientSampleId :

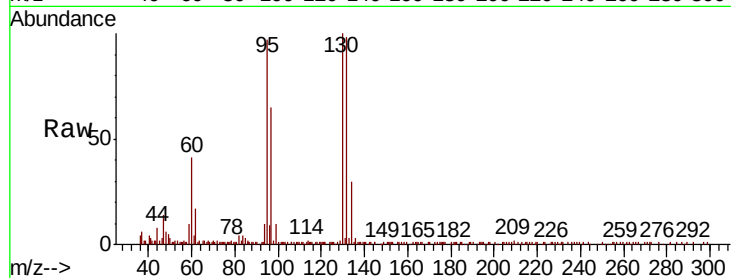
RE131D3-20191205DL

Tot Ion:130 Resp: 33656

Ion Ratio Lower Upper

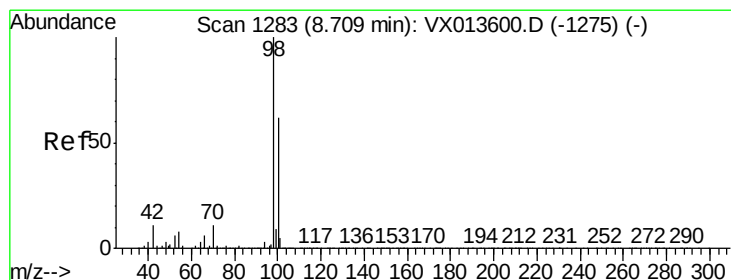
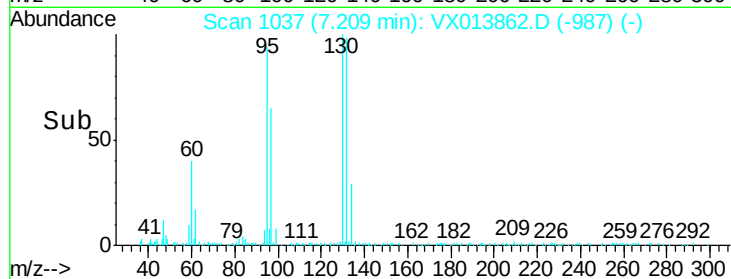
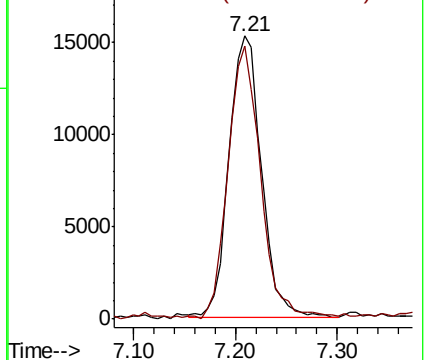
130 100

95 96.2 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: 48.809 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX013862.D

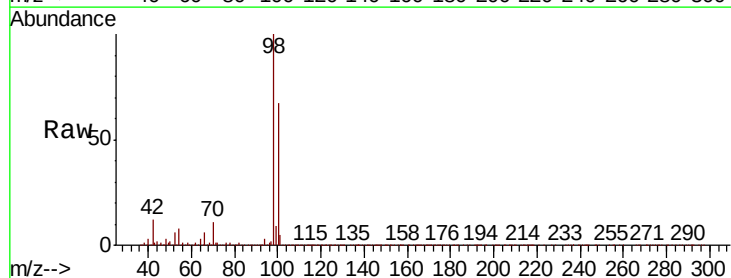
Acq: 09 Dec 2019 19:41

Tgt Ion: 98 Resp: 1091760

Ion Ratio Lower Upper

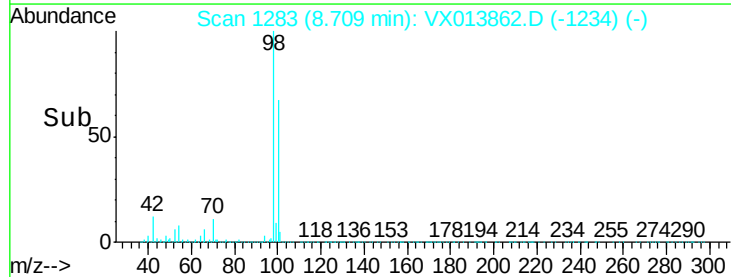
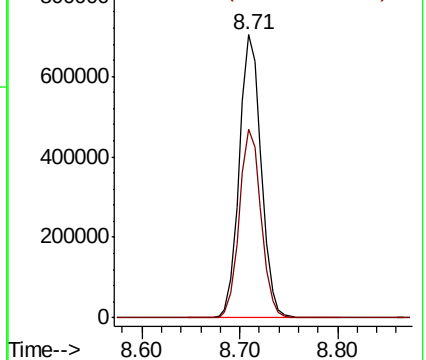
98 100

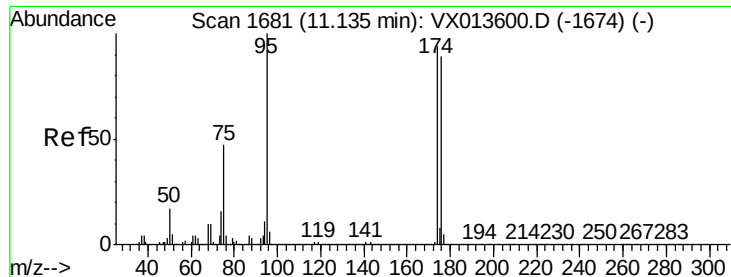
100 66.1 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 44.067 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX013862.D

Acq: 09 Dec 2019 19:41

Instrument :

MSVOA_X

ClientSampleId :

RE131D3-20191205DL

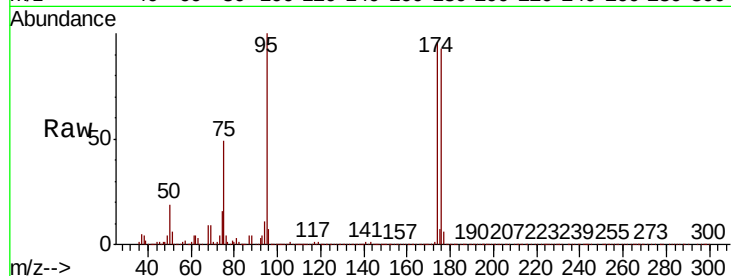
Tot Ion: 95 Resp: 355439

Ion Ratio Lower Upper

95 100

174 90.6 0.0 180.0

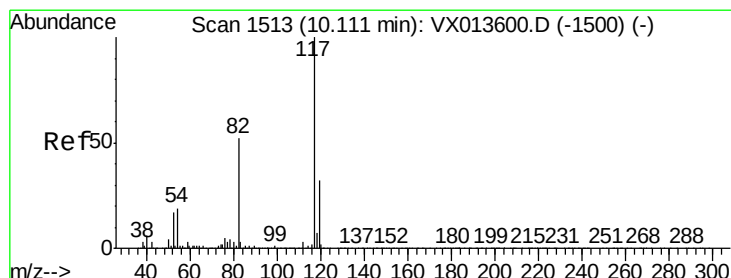
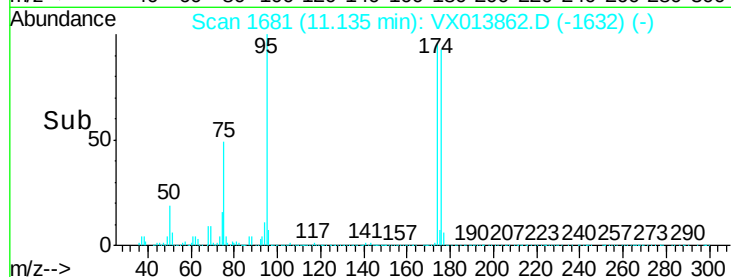
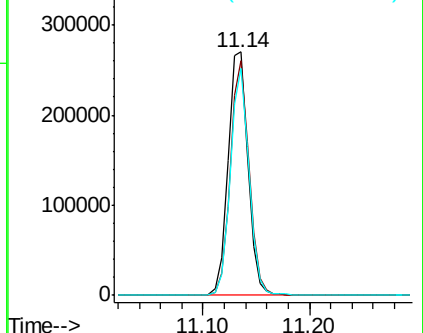
176 87.4 0.0 173.6



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# 1513

Delta R.T. 0.00 min

Lab File: VX013862.D

Acq: 09 Dec 2019 19:41

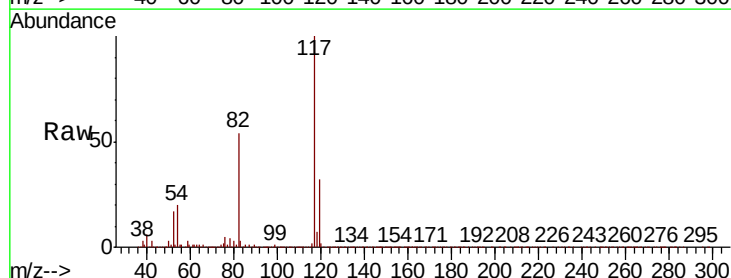
Tgt Ion: 117 Resp: 814281

Ion Ratio Lower Upper

117 100

82 54.2 41.8 62.8

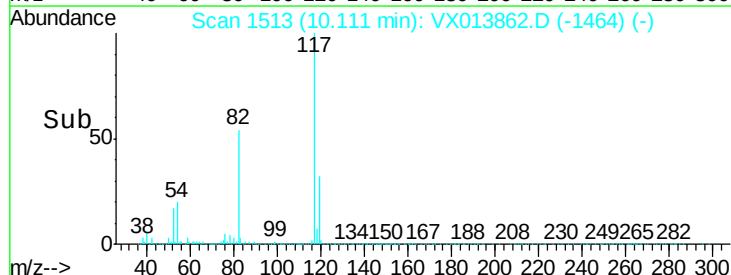
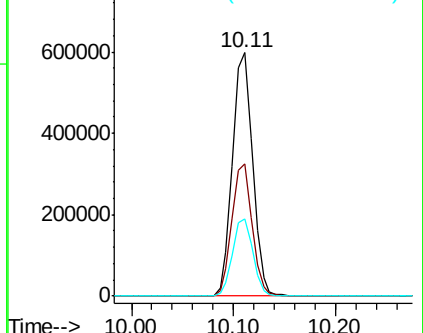
119 31.8 25.8 38.8

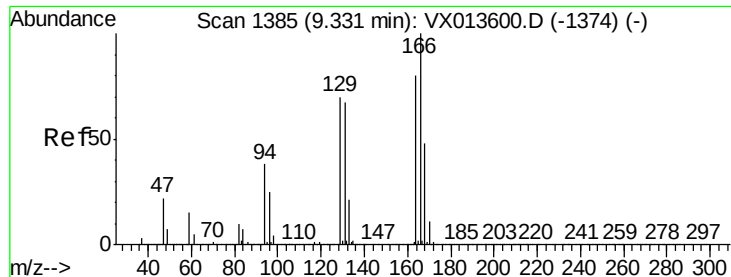


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#64

Tetrachloroethene

Concen: 1.386 ug/l

RT: 9.34 min Scan# 1386

Delta R.T. 0.01 min

Lab File: VX013862.D

Acq: 09 Dec 2019 19:41

Instrument :

MSVOA_X

ClientSampleId :

RE131D3-20191205DL

Tot Ion:164 Resp: 8417

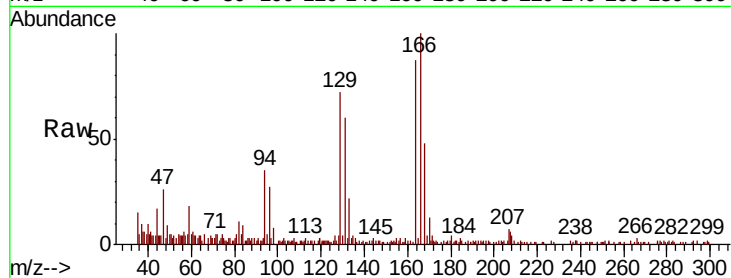
Ion Ratio Lower Upper

164 100

166 110.0 99.7 149.5

129 78.3 70.1 105.1

131 67.0 66.9 100.3

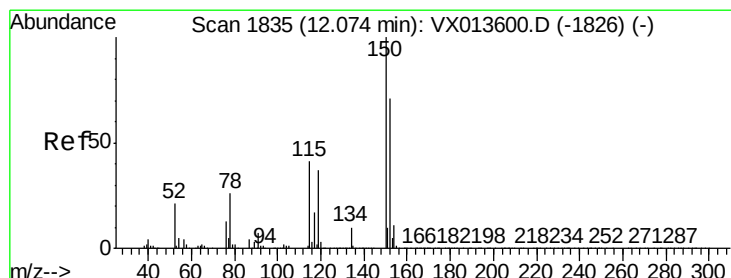
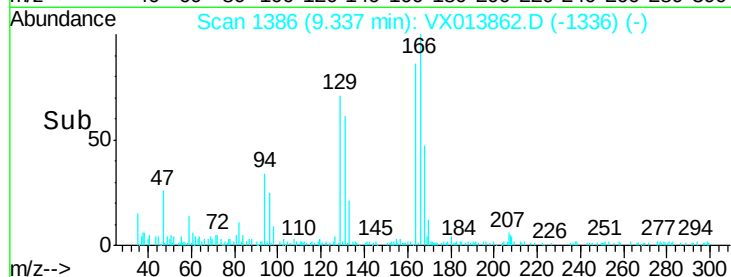
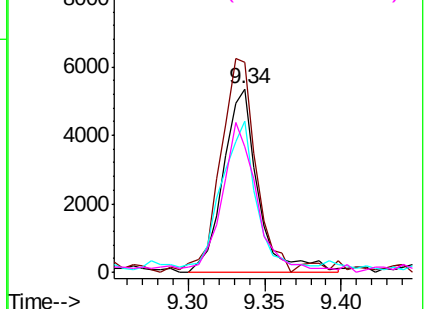


Abundance Ion 163.80 (163.50 to 164.50): V

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: VX013862.D

Acq: 09 Dec 2019 19:41

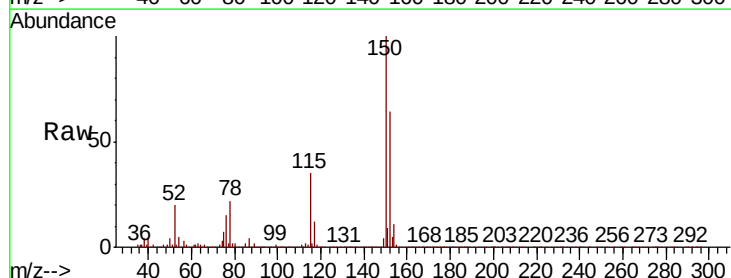
Tgt Ion:152 Resp: 354819

Ion Ratio Lower Upper

152 100

115 54.8 38.4 115.1

150 154.9 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

