

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121019\
 Data File : VX013920.D
 Acq On : 11 Dec 2019 00:33
 Operator : JC/SP
 Sample : K6185-07DL 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D2-20191205DL

Quant Time: Dec 11 06:49:29 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

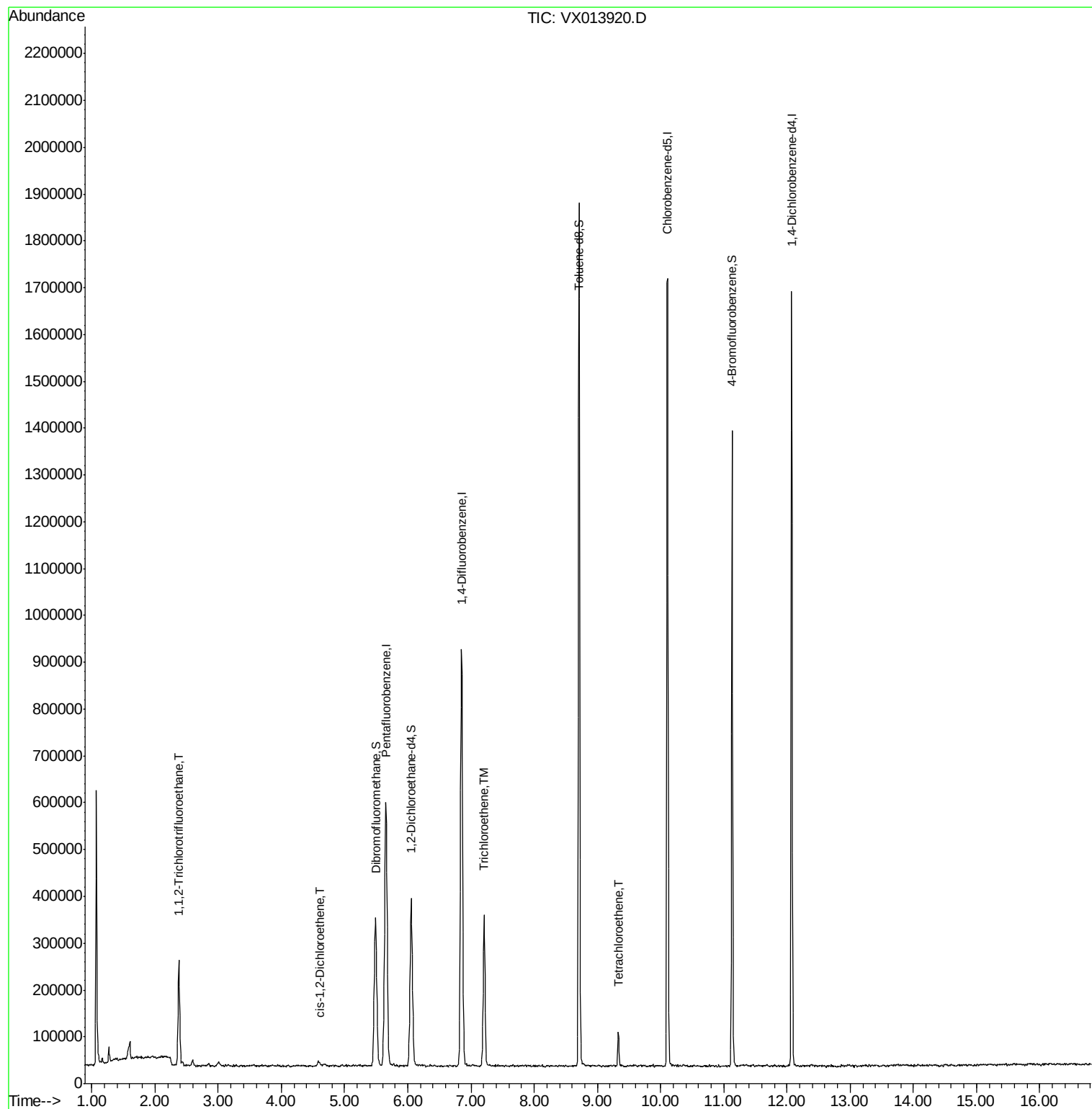
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	590092	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	906203	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	802104	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	351362	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	334525	48.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.68%	
35) Dibromofluoromethane	5.49	113	271826	48.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.04%	
50) Toluene-d8	8.71	98	1071353	49.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.16%	
62) 4-Bromofluorobenzene	11.13	95	356324	45.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.54%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	2.37	101	94446	16.787	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	7636	1.087	ug/l	82
44) Trichloroethene	7.20	130	129167	18.785	ug/l	100
64) Tetrachloroethene	9.33	164	14963	2.502	ug/l	89

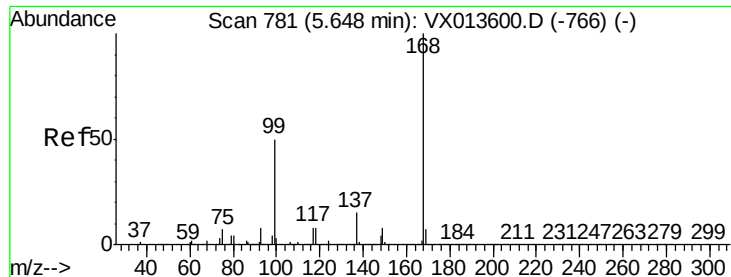
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX013920.D

Acq: 11 Dec 2019 00:33

Instrument :

MSVOA_X

ClientSampleId :

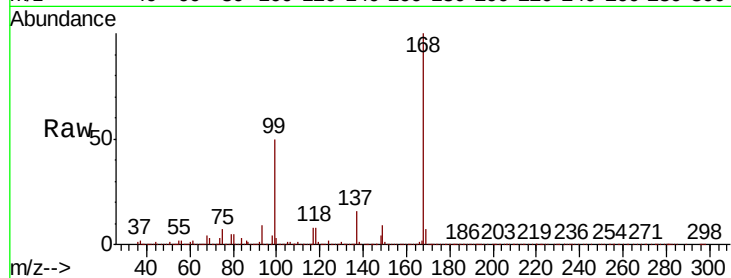
RE131D2-20191205DL

Tot Ion:168 Resp: 590092

Ion Ratio Lower Upper

168 100

99 49.6 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

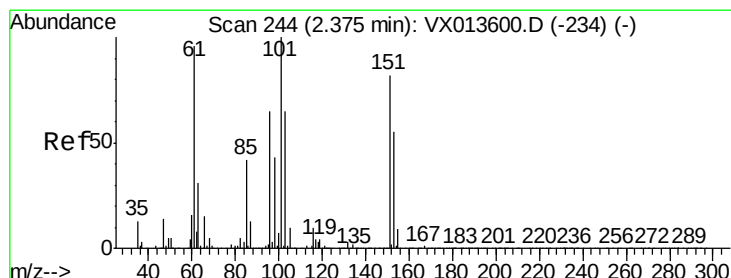
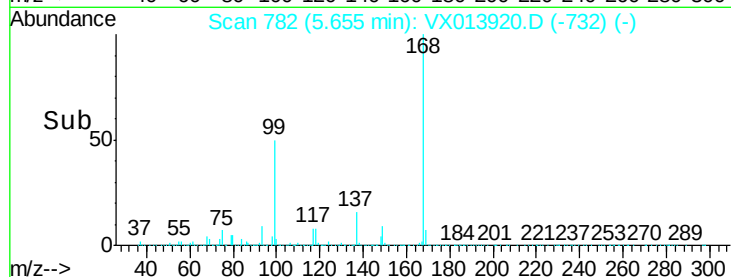
150000

100000

50000

0

Time-->



#9

1,1,2-Trichlorotrifluoroethane

Concen: 16.787 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX013920.D

Acq: 11 Dec 2019 00:33

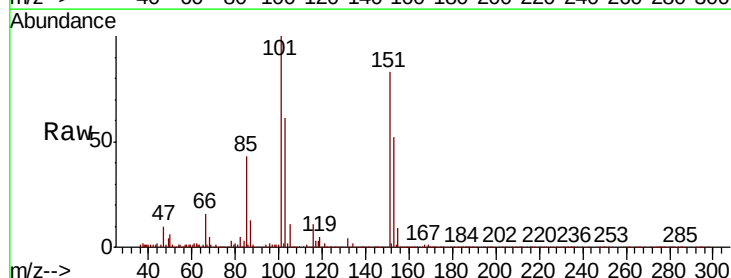
Tgt Ion:101 Resp: 94446

Ion Ratio Lower Upper

101 100

85 40.0 33.9 50.9

151 79.7 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

60000

50000

40000

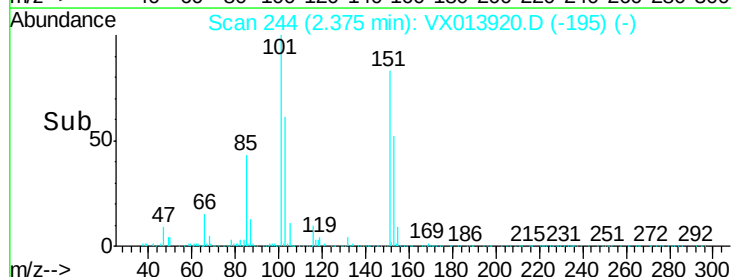
30000

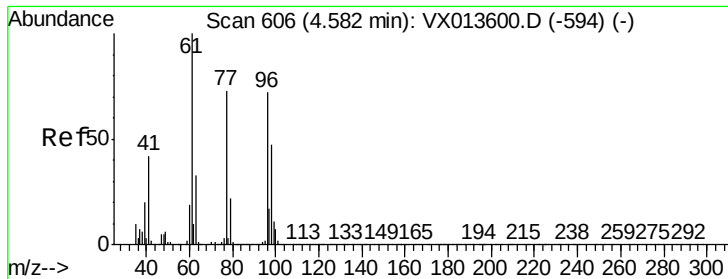
20000

10000

0

Time-->



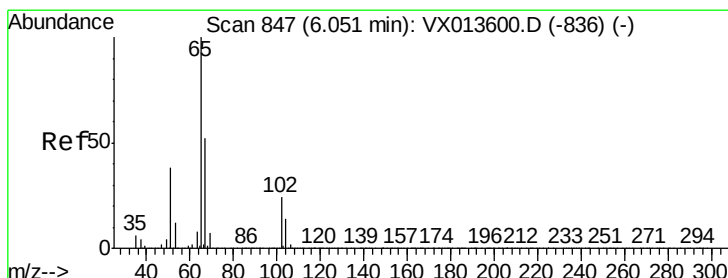
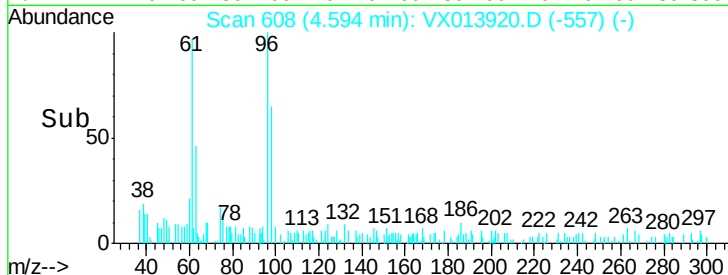
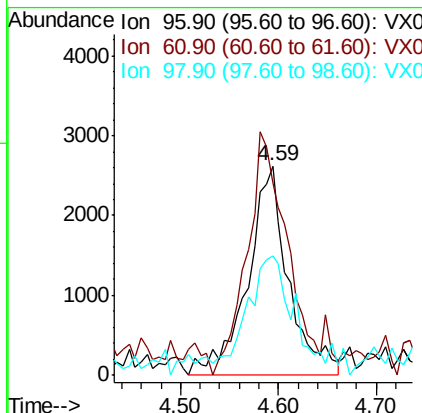
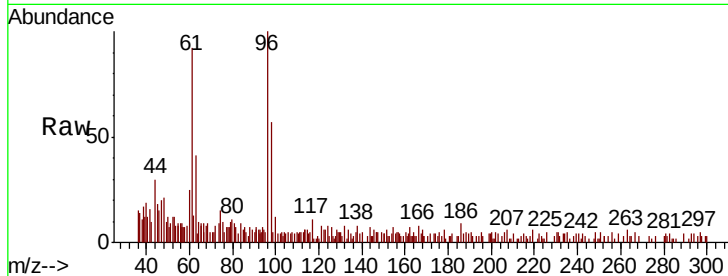


#27

cis-1,2-Dichloroethene
Concen: 1.087 ug/l
RT: 4.59 min Scan# 608
Delta R.T. 0.01 min
Lab File: VX013920.D
Acq: 11 Dec 2019 00:33

Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20191205DL

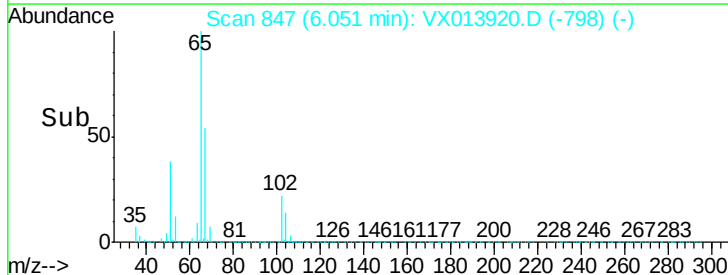
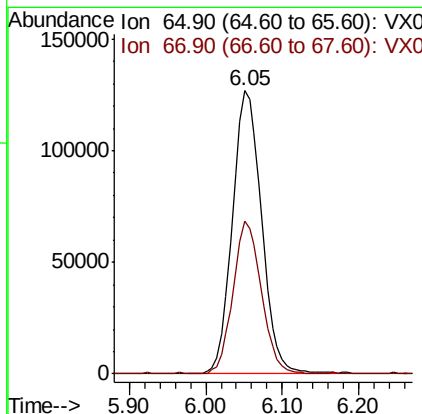
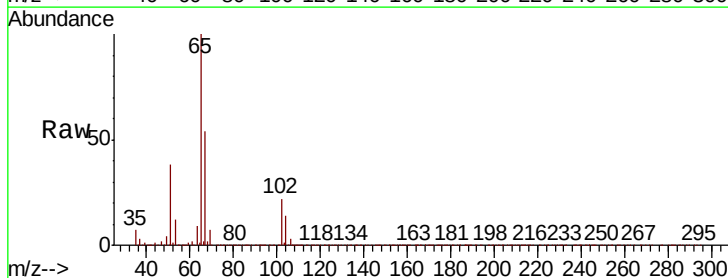
Tot Ion	Ratio	Lower	Upper
96	100		
61	113.1	0.0	286.4
98	60.2	0.0	127.4

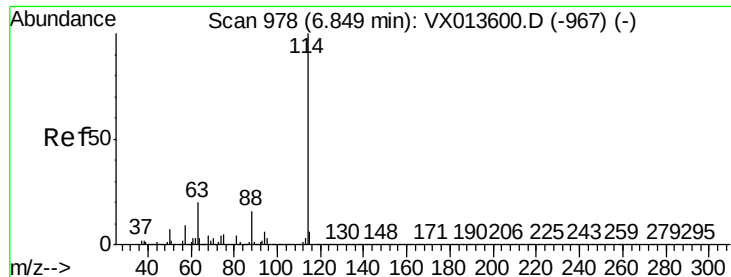


#33

1,2-Dichloroethane-d4
Concen: 48.838 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX013920.D
Acq: 11 Dec 2019 00:33

Tgt Ion	Ratio	Lower	Upper
65	100		
67	52.3	0.0	104.4

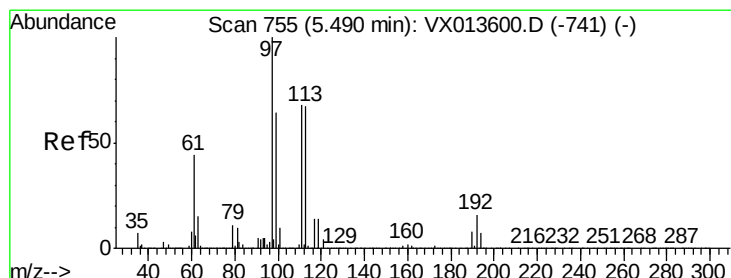
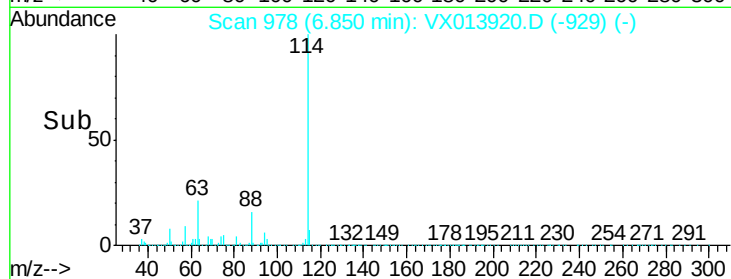
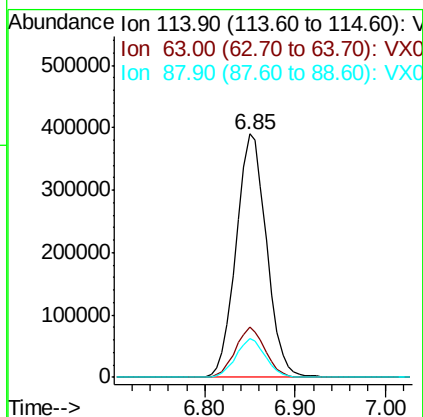
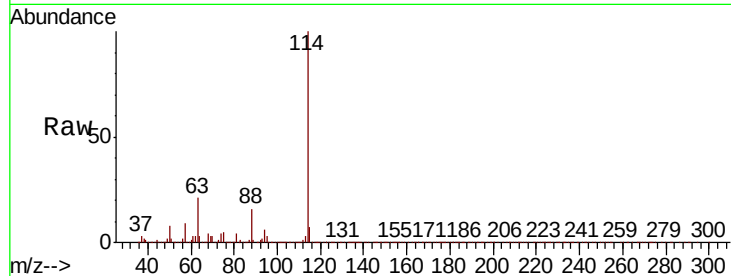




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX013920.D
 Acq: 11 Dec 2019 00:33

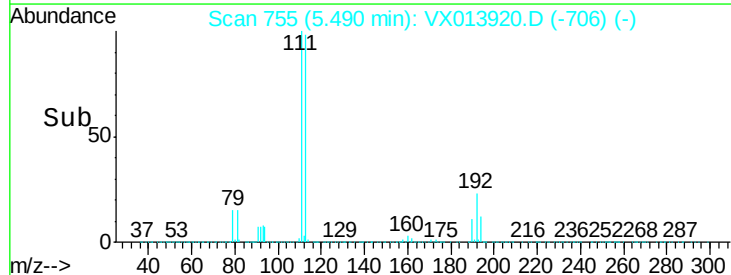
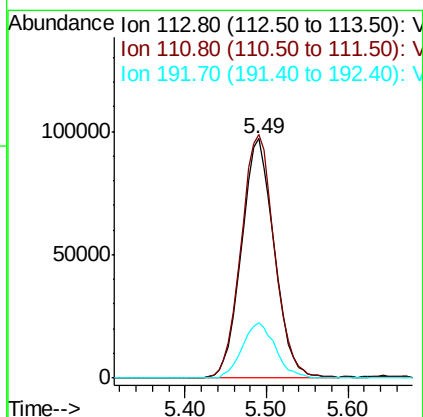
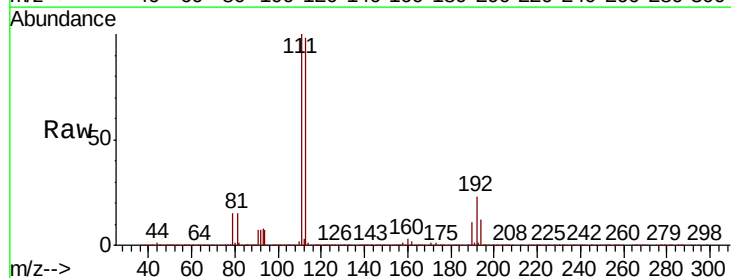
Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D2-20191205DL

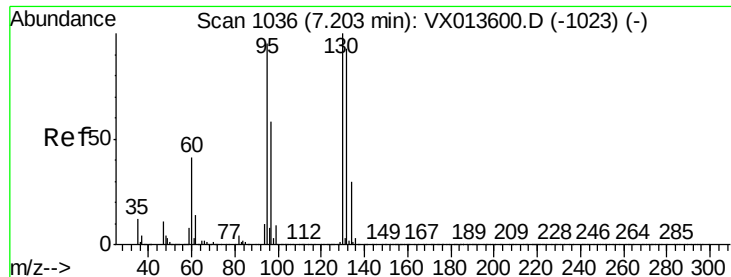
Tot Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	39.6
88	15.9	0.0	31.4



#35
 Dibromofluoromethane
 Concen: 48.521 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: VX013920.D
 Acq: 11 Dec 2019 00:33

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.6	83.6	125.4
192	23.2	19.2	28.8





#44

Trichloroethene

Concen: 18.785 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. 0.00 min

Lab File: VX013920.D

Acq: 11 Dec 2019 00:33

Instrument :

MSVOA_X

ClientSampleId :

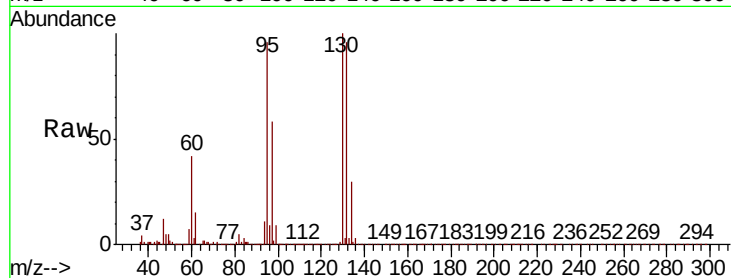
RE131D2-20191205DL

Tot Ion:130 Resp: 129167

Ion Ratio Lower Upper

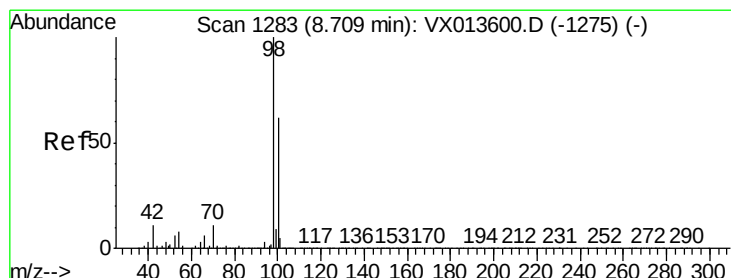
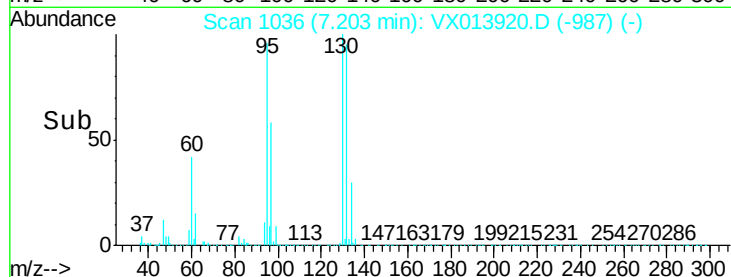
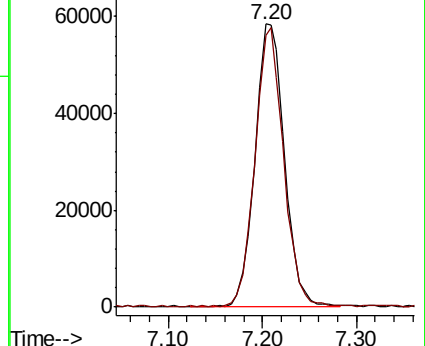
130 100

95 95.4 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: 49.084 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX013920.D

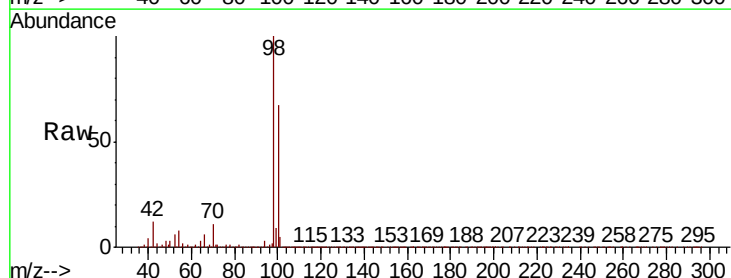
Acq: 11 Dec 2019 00:33

Tgt Ion: 98 Resp: 1071353

Ion Ratio Lower Upper

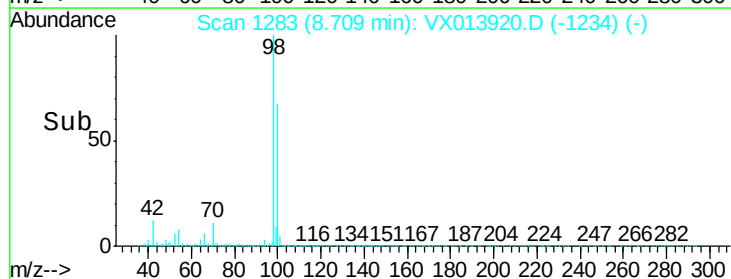
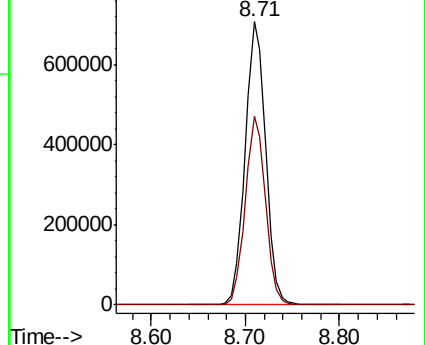
98 100

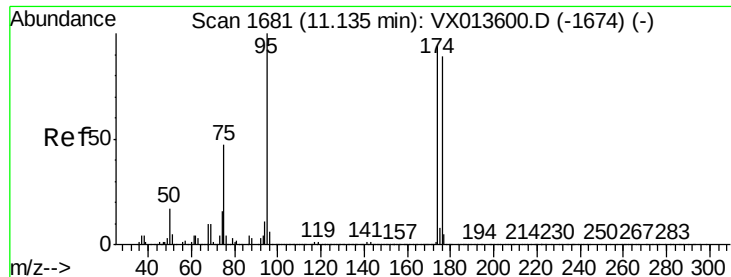
100 66.1 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 45.271 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX013920.D

Acq: 11 Dec 2019 00:33

Instrument :

MSVOA_X

ClientSampleId :

RE131D2-20191205DL

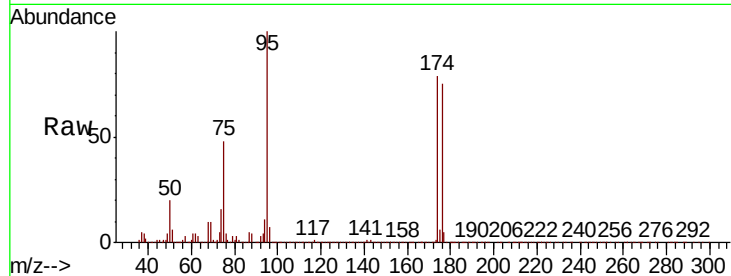
Tot Ion: 95 Resp: 356324

Ion Ratio Lower Upper

95 100

174 89.0 0.0 180.0

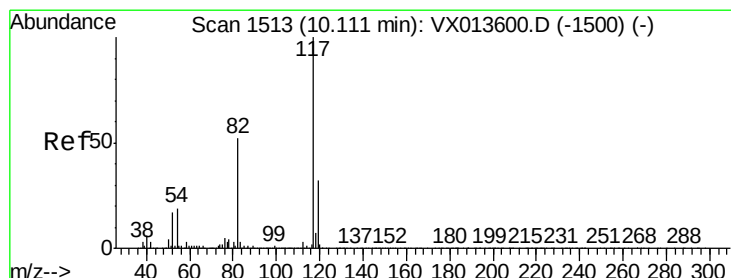
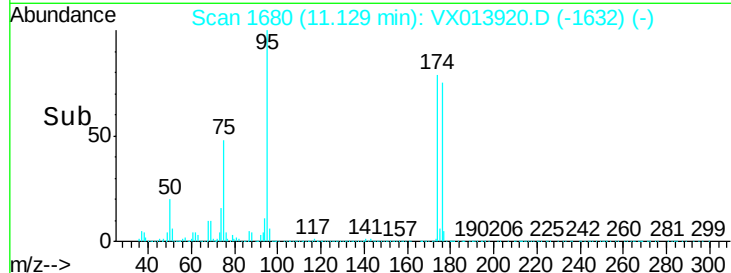
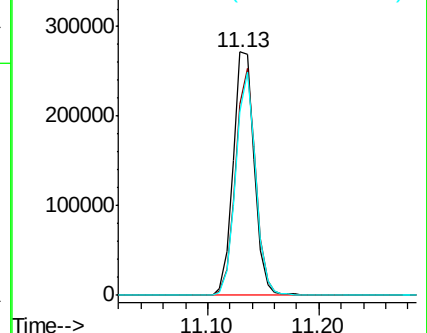
176 86.4 0.0 173.6



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: VX013920.D

Acq: 11 Dec 2019 00:33

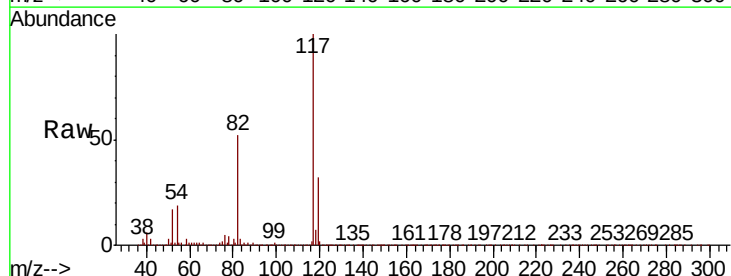
Tgt Ion: 117 Resp: 802104

Ion Ratio Lower Upper

117 100

82 52.5 41.8 62.8

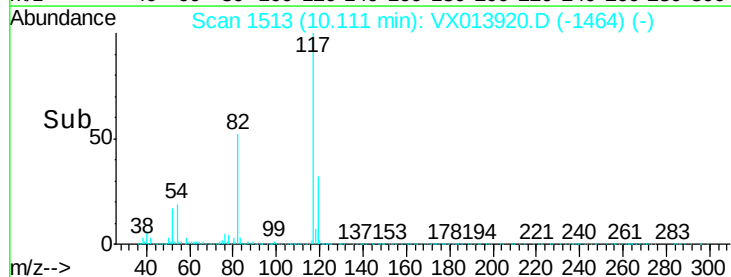
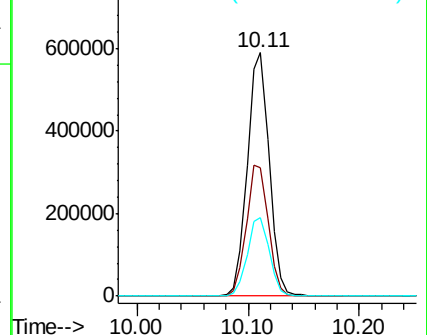
119 32.4 25.8 38.8

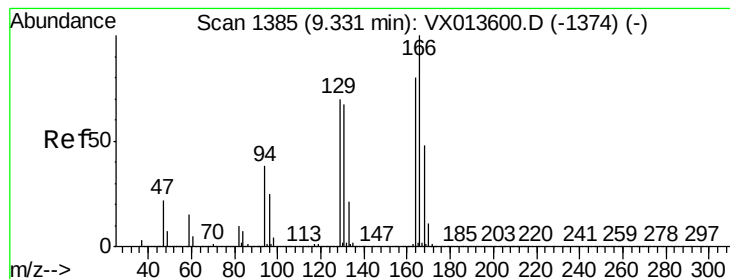


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#64

Tetrachloroethene

Concen: 2.502 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX013920.D

Acq: 11 Dec 2019 00:33

Instrument :

MSVOA_X

ClientSampleId :

RE131D2-20191205DL

Tot Ion:164 Resp: 14963

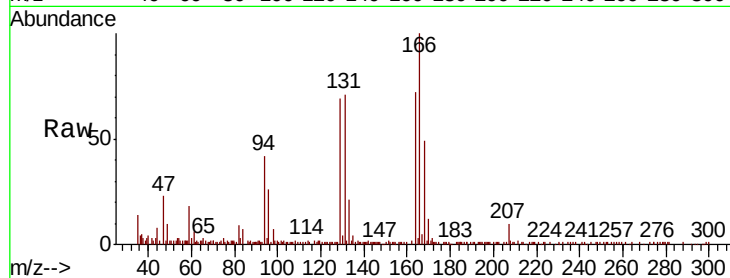
Ion Ratio Lower Upper

164 100

166 137.7 99.7 149.5

129 95.2 70.1 105.1

131 96.8 66.9 100.3

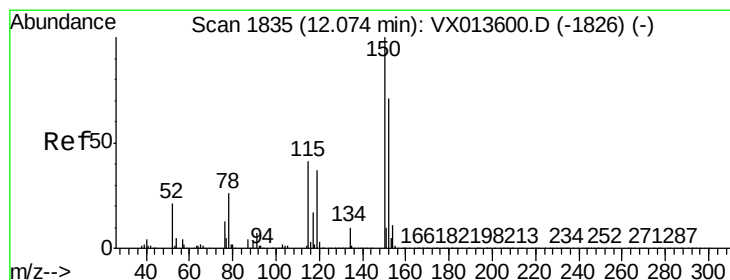
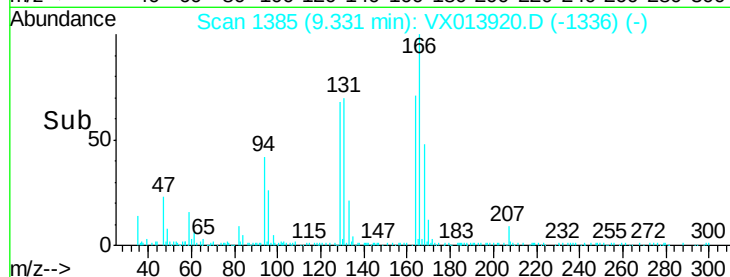
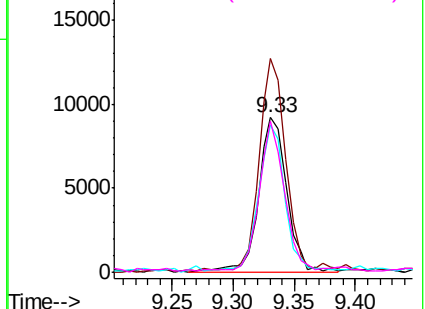


Abundance Ion 163.80 (163.50 to 164.50): V

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: VX013920.D

Acq: 11 Dec 2019 00:33

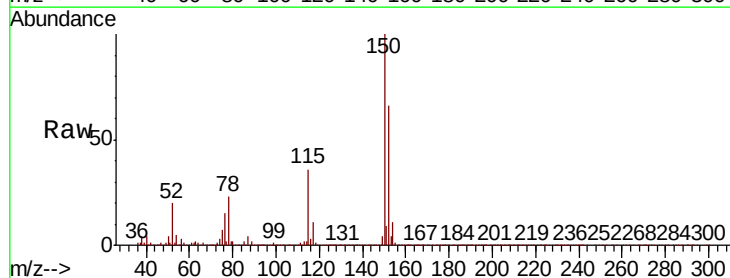
Tgt Ion:152 Resp: 351362

Ion Ratio Lower Upper

152 100

115 54.4 38.4 115.1

150 154.6 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

