

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX120919\
 Data File : VX013857.D
 Acq On : 09 Dec 2019 17:44
 Operator : JC/SP
 Sample : K6185-14RE
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT101D-20191205RE

Quant Time: Dec 10 04:28:25 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

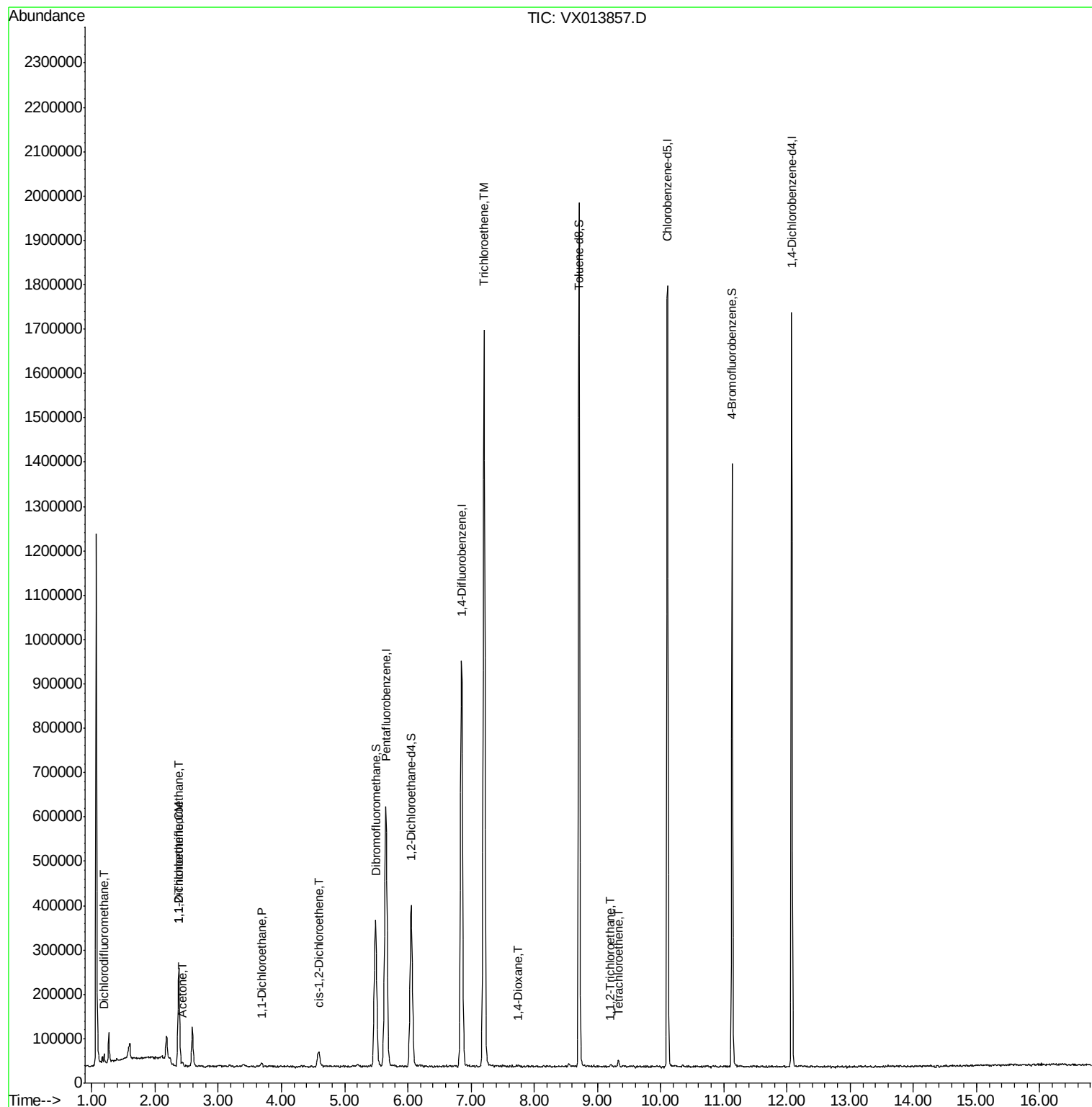
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	617205	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	944438	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	832330	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	359532	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	341498	47.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.34%	
35) Dibromofluoromethane	5.49	113	285004	48.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.62%	
50) Toluene-d8	8.71	98	1105028	48.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.16%	
62) 4-Bromofluorobenzene	11.13	95	365683	44.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.16%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.19	85	7791	1.134	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	2.37	101	80223	13.633	ug/l	99
12) 1,1-Dichloroethene	2.37	96	15282	2.602	ug/l	95
16) Acetone	2.43	43	8206	2.320	ug/l	100
24) 1,1-Dichloroethane	3.69	63	9098	0.811	ug/l #	84
27) cis-1,2-Dichloroethene	4.59	96	24564	3.343	ug/l	86
44) Trichloroethene	7.21	130	659847	92.079	ug/l	96
49) 1,4-Dioxane	7.74	88	4350	25.261	ug/l #	70
55) 1,1,2-Trichloroethane	9.21	97	2083	0.319	ug/l #	82
64) Tetrachloroethene	9.33	164	3151	0.508	ug/l #	86

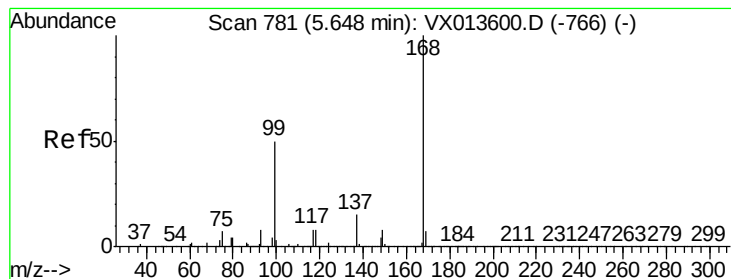
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX013857.D

Acq: 09 Dec 2019 17:44

Instrument :

MSVOA_X

ClientSampleId :

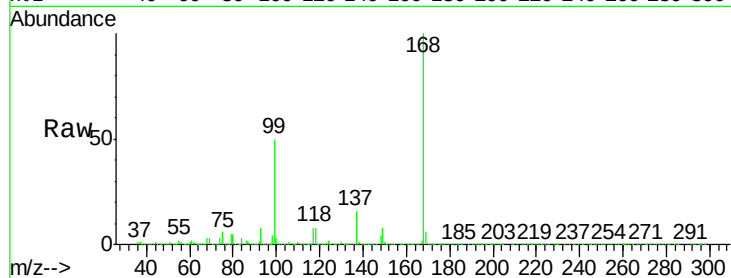
TT101D-20191205RE

Tot Ion:168 Resp: 617205

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

250000

200000

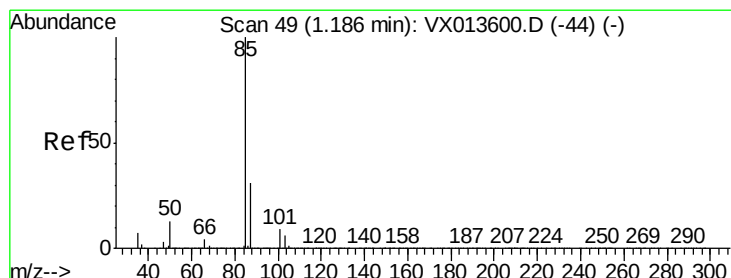
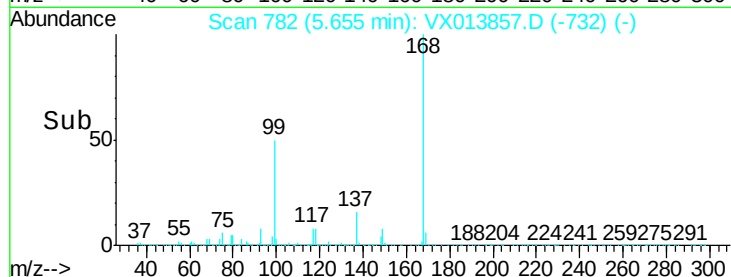
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 1.134 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.01 min

Lab File: VX013857.D

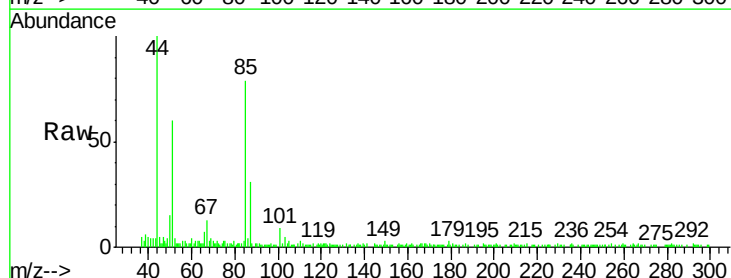
Acq: 09 Dec 2019 17:44

Tgt Ion: 85 Resp: 7791

Ion Ratio Lower Upper

85 100

87 37.4 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

8000

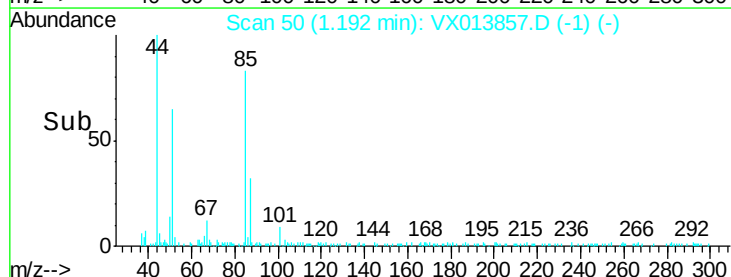
6000

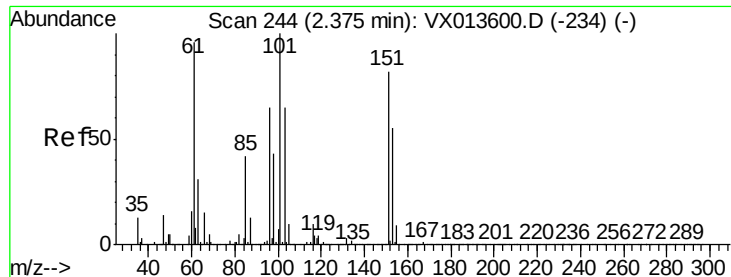
4000

2000

0

Time-->





#9

1,1,2-Trichlorotrifluoroethane

Concen: 13.633 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX013857.D

Acq: 09 Dec 2019 17:44

Instrument :

MSVOA_X

ClientSampleId :

TT101D-20191205RE

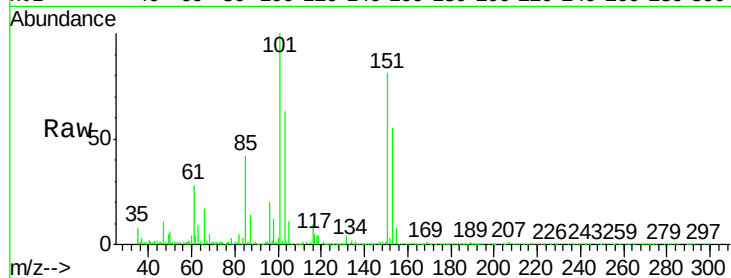
Tot Ion:101 Resp: 80223

Ion Ratio Lower Upper

101 100

85 41.6 33.9 50.9

151 80.1 64.2 96.2



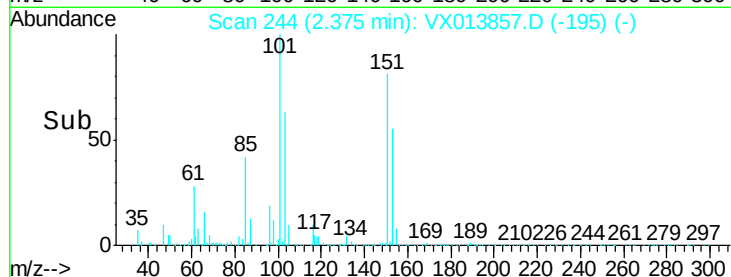
Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

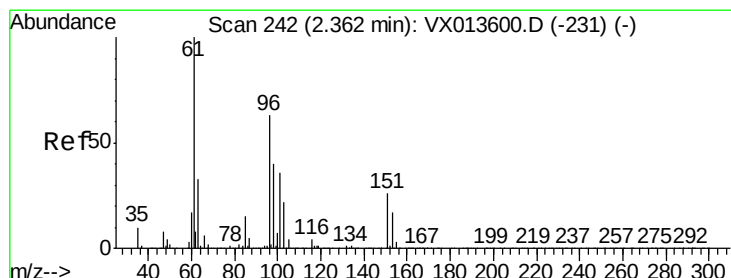
Ion 150.80 (150.50 to 151.50): V

2.37

Time-->



Time-->



#12

1,1-Dichloroethene

Concen: 2.602 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.01 min

Lab File: VX013857.D

Acq: 09 Dec 2019 17:44

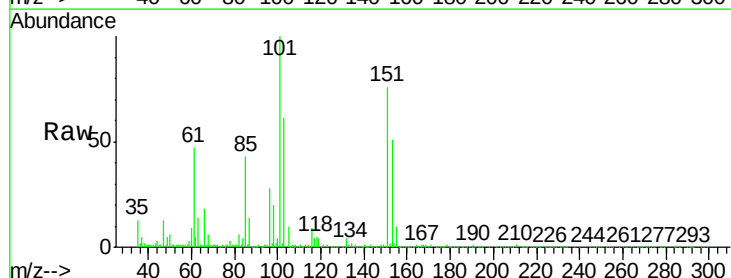
Tgt Ion: 96 Resp: 15282

Ion Ratio Lower Upper

96 100

61 163.2 126.6 190.0

98 71.0 50.6 76.0



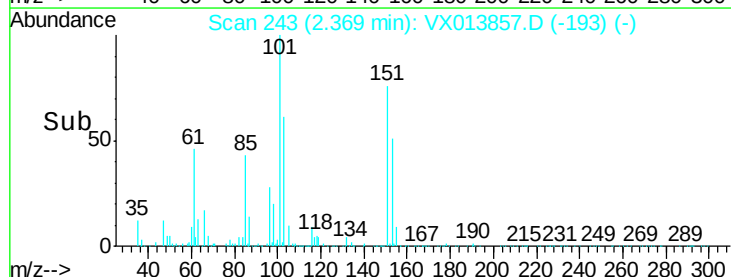
Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

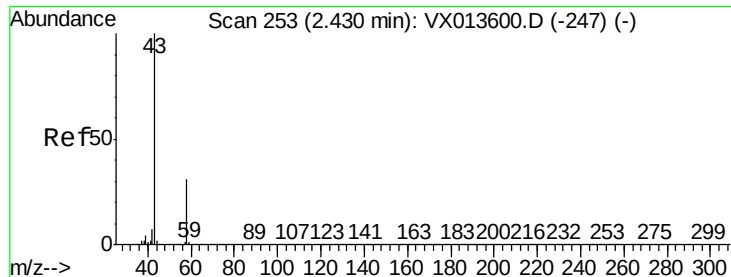
Ion 97.90 (97.60 to 98.60): VX0

2.37

Time-->



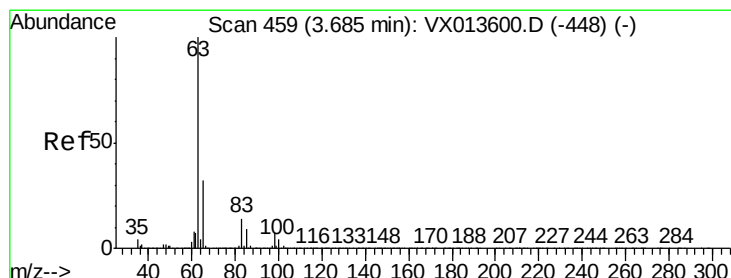
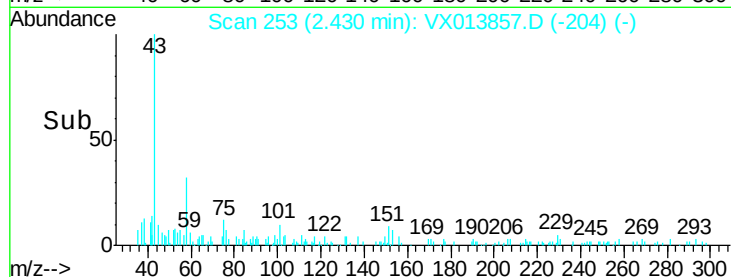
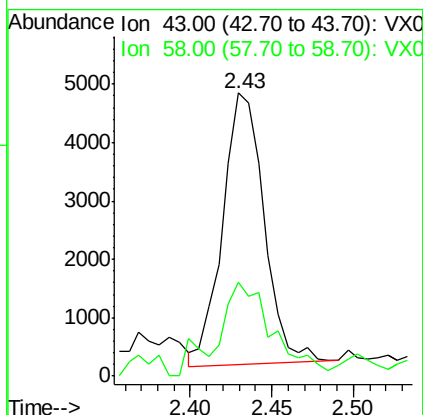
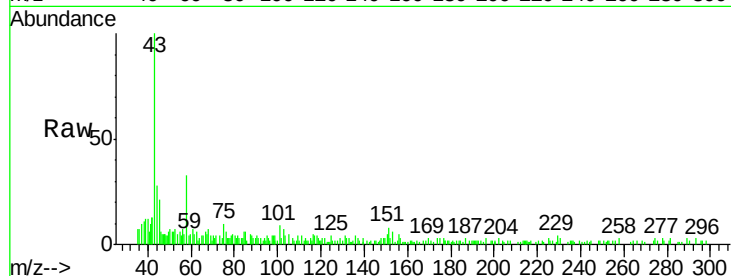
Time-->



#16
Acetone
Concen: 2.320 ug/l
RT: 2.43 min Scan# 253
Delta R.T. 0.00 min
Lab File: VX013857.D
Acq: 09 Dec 2019 17:44

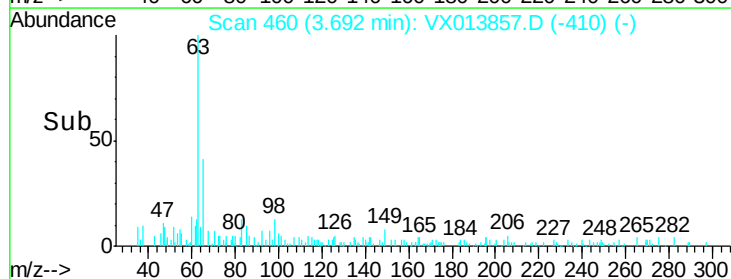
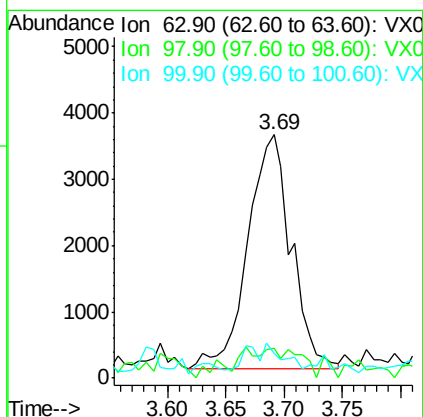
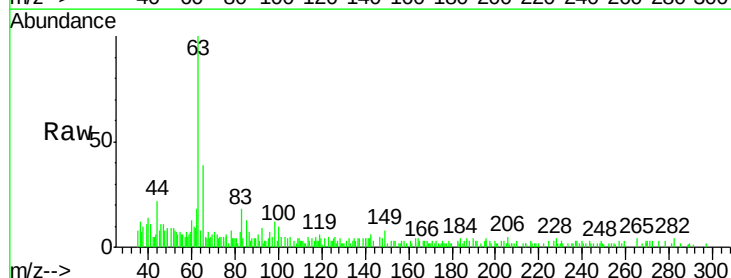
Instrument :
MSVOA_X
ClientSampleId :
TT101D-20191205RE

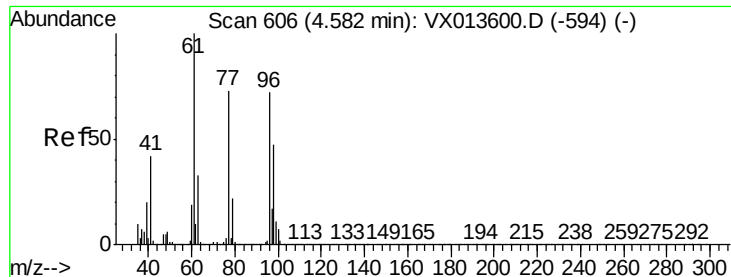
Tot Ion: 43 Resp: 8206
Ion Ratio Lower Upper
43 100
58 30.6 24.6 36.8



#24
1,1-Dichloroethane
Concen: 0.811 ug/l
RT: 3.69 min Scan# 460
Delta R.T. 0.01 min
Lab File: VX013857.D
Acq: 09 Dec 2019 17:44

Tgt Ion: 63 Resp: 9098
Ion Ratio Lower Upper
63 100
98 12.8 3.5 10.4#
100 8.5 2.1 6.3#



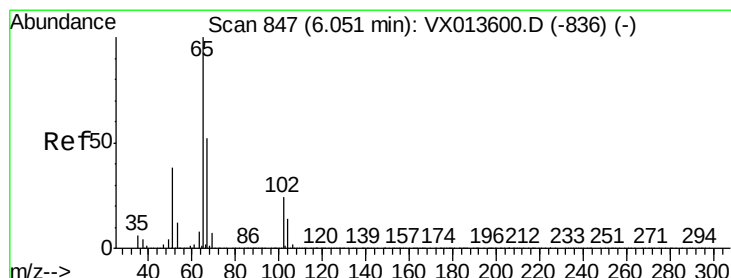
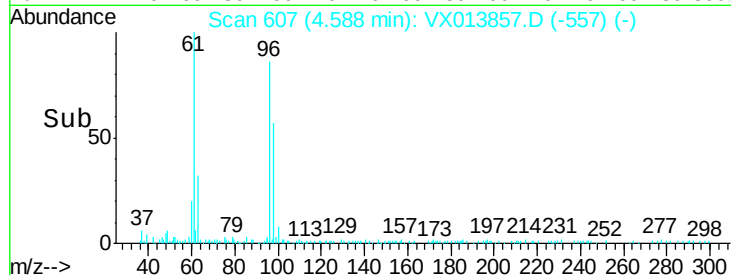
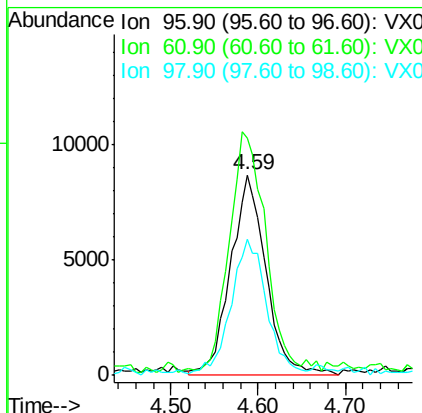
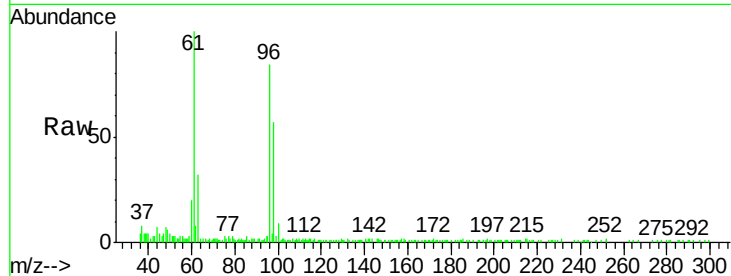


#27

cis-1,2-Dichloroethene
Concen: 3.343 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX013857.D
Acq: 09 Dec 2019 17:44

Instrument :
MSVOA_X
ClientSampleId :
TT101D-20191205RE

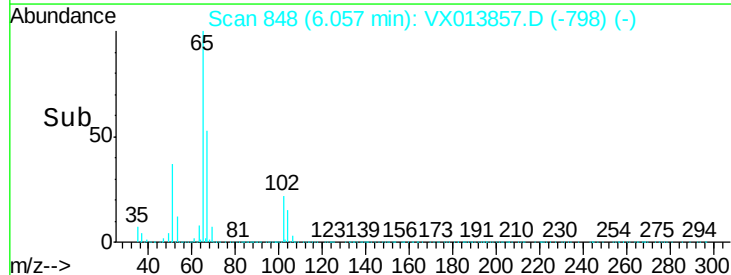
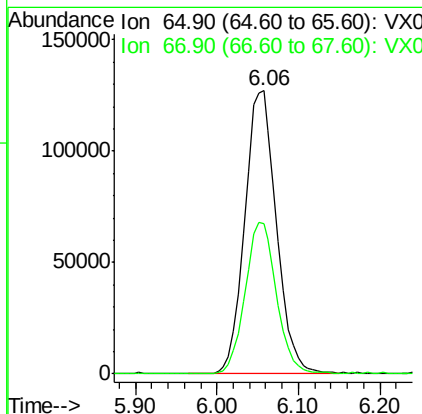
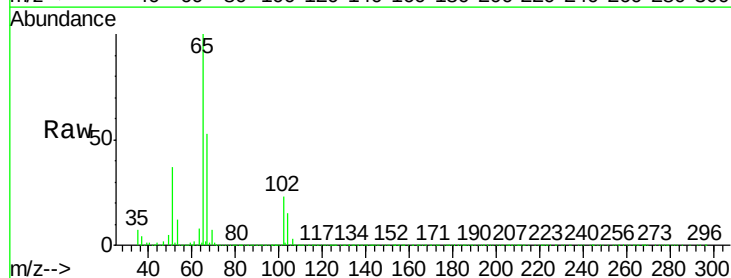
Tot Ion	Ratio	Lower	Upper
96	100		
61	119.2	0.0	286.4
98	65.9	0.0	127.4

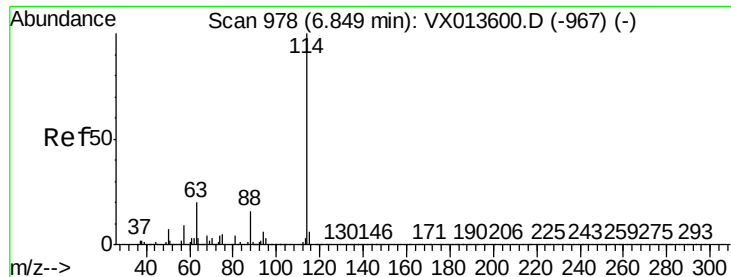


#33

1,2-Dichloroethane-d4
Concen: 47.666 ug/l
RT: 6.06 min Scan# 848
Delta R.T. 0.01 min
Lab File: VX013857.D
Acq: 09 Dec 2019 17:44

Tgt Ion	Ratio	Lower	Upper
65	100		
67	52.7	0.0	104.4

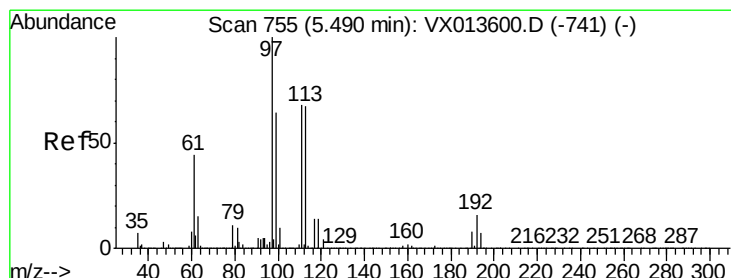
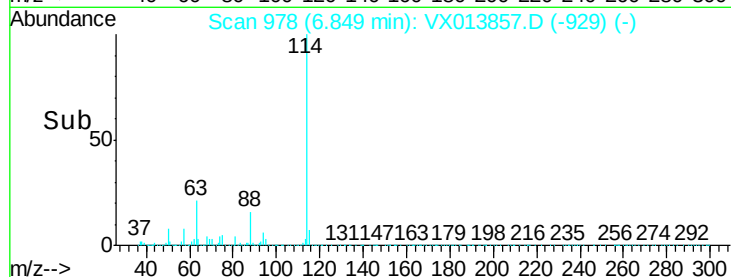
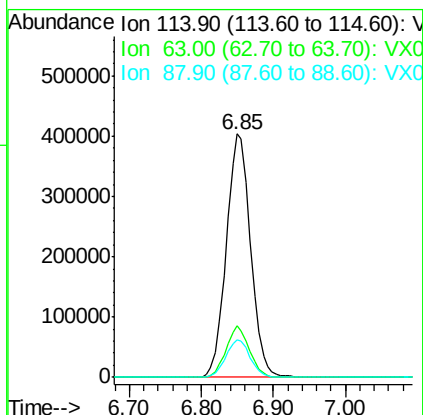
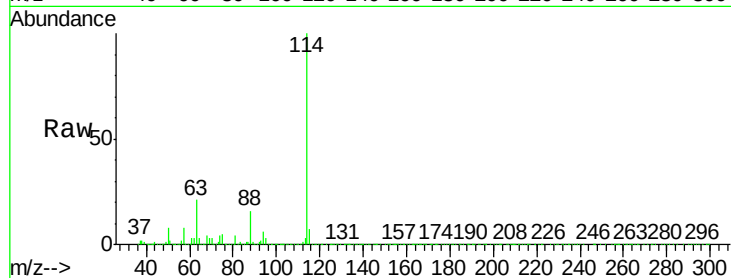




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX013857.D
Acq: 09 Dec 2019 17:44

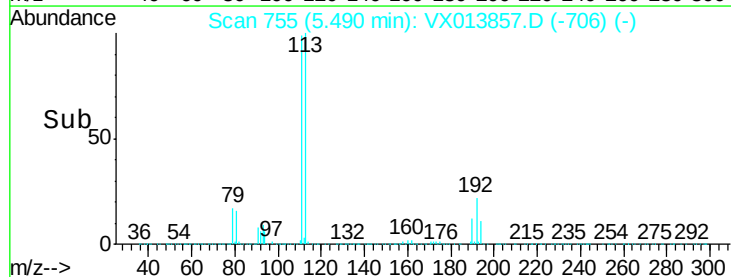
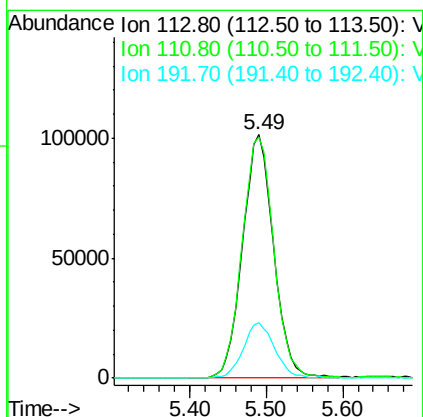
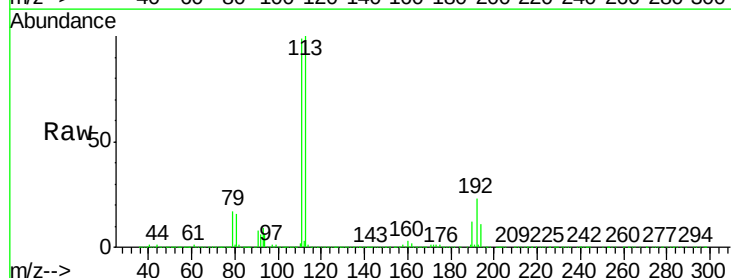
Instrument :
MSVOA_X
ClientSampleId :
TT101D-20191205RE

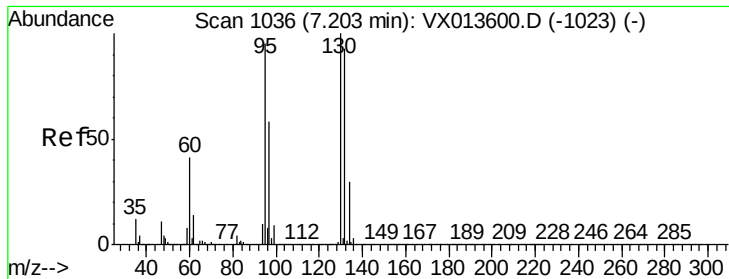
Tot Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	39.6
88	15.5	0.0	31.4



#35
Dibromofluoromethane
Concen: 48.814 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX013857.D
Acq: 09 Dec 2019 17:44

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.2	83.6	125.4
192	23.1	19.2	28.8





#44

Trichloroethene

Concen: 92.079 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX013857.D

Acq: 09 Dec 2019 17:44

Instrument :

MSVOA_X

ClientSampleId :

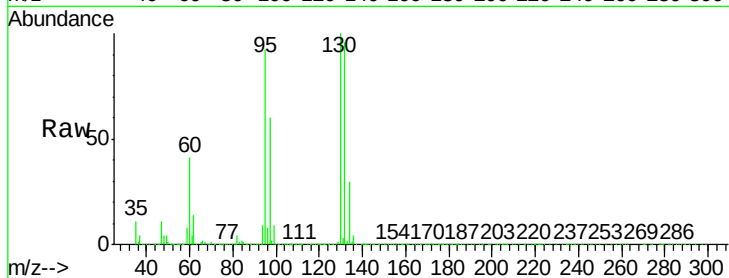
TT101D-20191205RE

Tot Ion:130 Resp: 659847

Ion Ratio Lower Upper

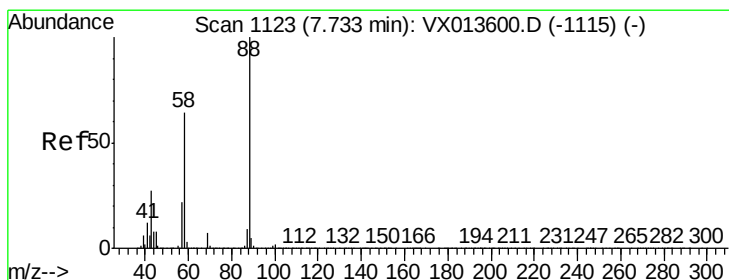
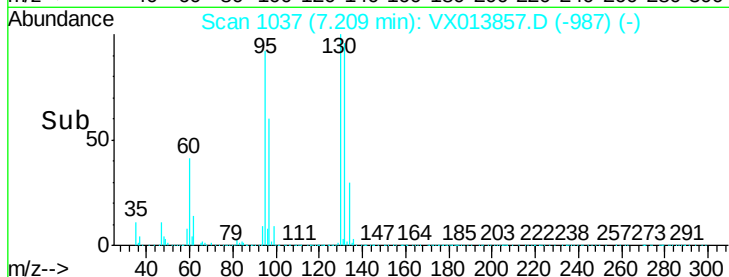
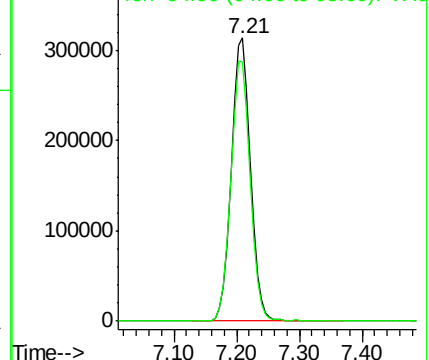
130 100

95 91.7 0.0 190.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#49

1,4-Dioxane

Concen: 25.261 ug/l

RT: 7.74 min Scan# 1124

Delta R.T. 0.01 min

Lab File: VX013857.D

Acq: 09 Dec 2019 17:44

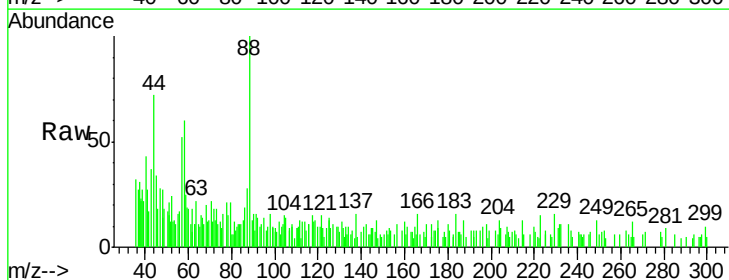
Tgt Ion: 88 Resp: 4350

Ion Ratio Lower Upper

88 100

43 0.0 25.8 38.6#

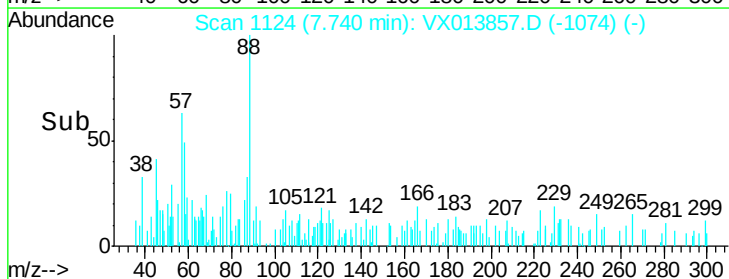
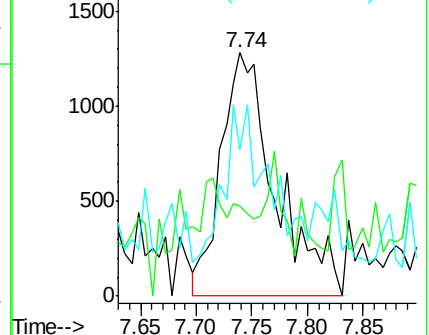
58 54.4 54.6 82.0#

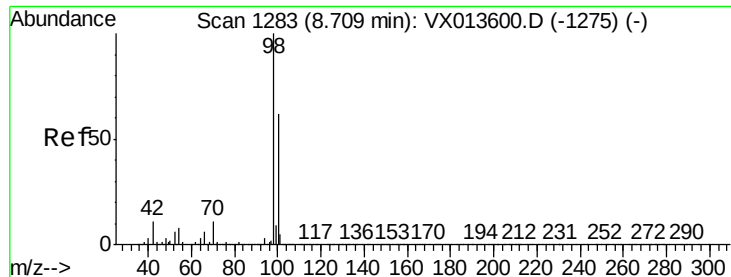


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#50

Toluene-d8

Concen: 48.577 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX013857.D

Acq: 09 Dec 2019 17:44

Instrument :

MSVOA_X

ClientSampleId :

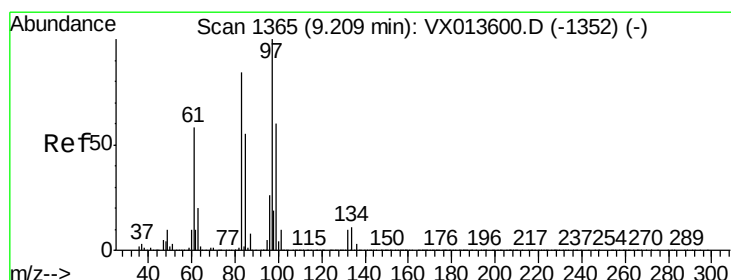
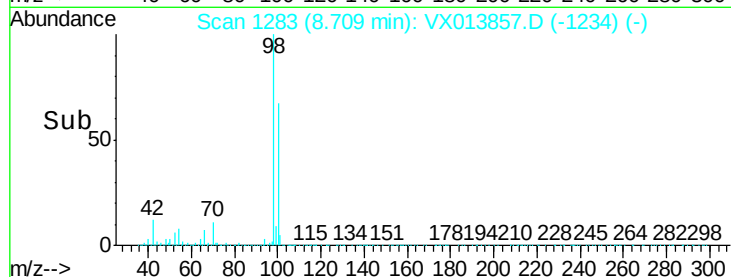
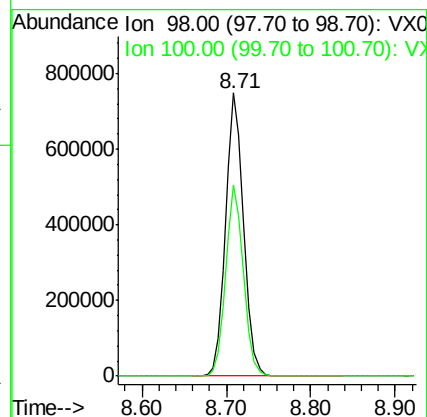
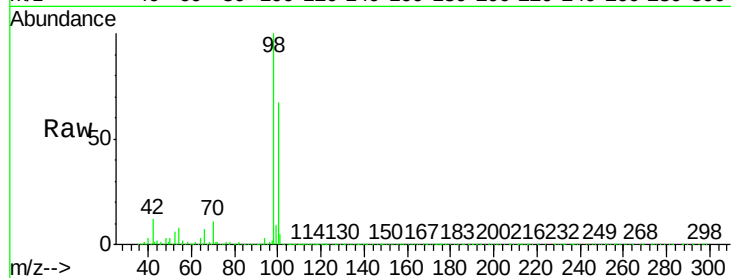
TT101D-20191205RE

Tot Ion: 98 Resp: 1105028

Ion Ratio Lower Upper

98 100

100 66.5 53.1 79.7



#55

1,1,2-Trichloroethane

Concen: 0.319 ug/l

RT: 9.21 min Scan# 1366

Delta R.T. 0.01 min

Lab File: VX013857.D

Acq: 09 Dec 2019 17:44

Tgt Ion: 97 Resp: 2083

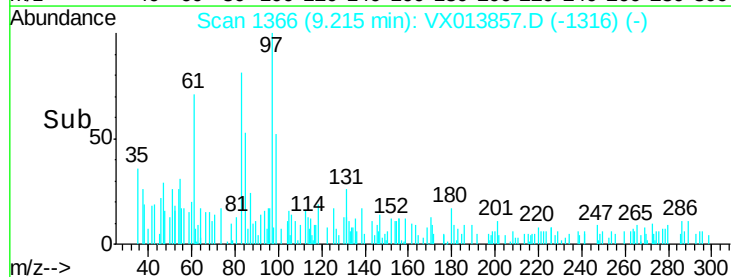
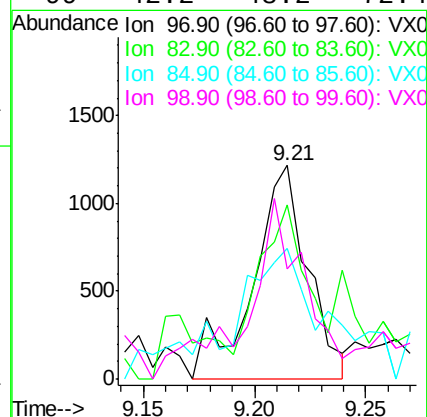
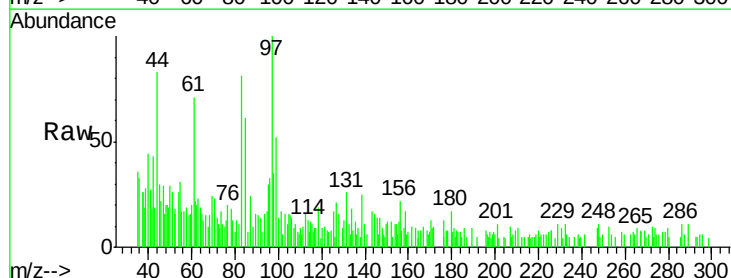
Ion Ratio Lower Upper

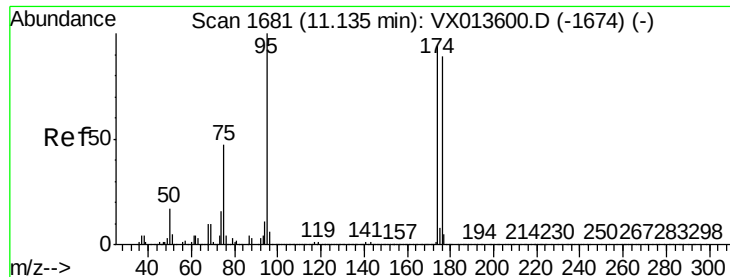
97 100

83 64.8 67.3 100.9#

85 50.1 43.6 65.4

99 42.2 48.2 72.4#





#62

4-Bromofluorobenzene

Concen: 44.579 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX013857.D

Acq: 09 Dec 2019 17:44

Instrument :

MSVOA_X

ClientSampleId :

TT101D-20191205RE

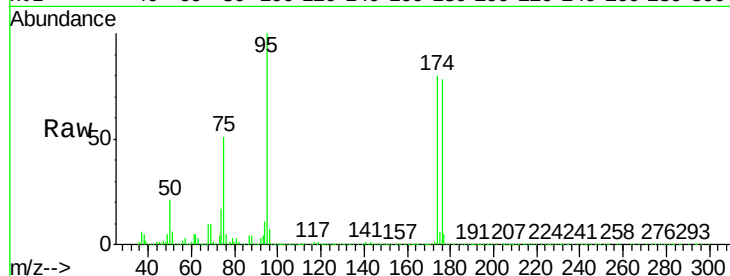
Tot Ion: 95 Resp: 365683

Ion Ratio Lower Upper

95 100

174 88.6 0.0 180.0

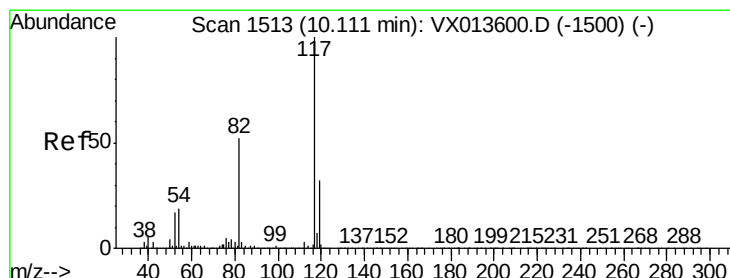
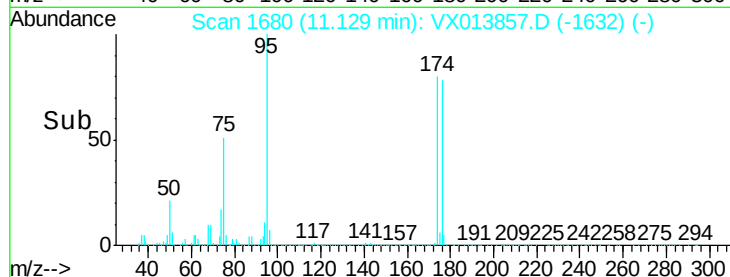
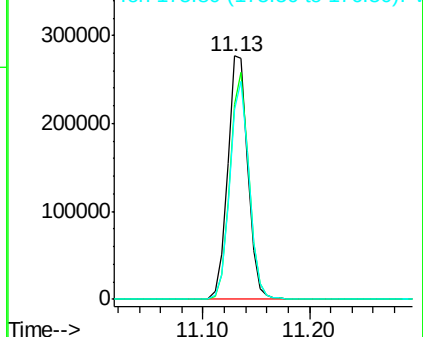
176 86.6 0.0 173.6



Abundance Ion 94.90 (94.60 to 95.60): VX013600.D (-1674) (-)

Ion 173.80 (173.50 to 174.50): VX013600.D (-1674) (-)

Ion 175.80 (175.50 to 176.50): VX013600.D (-1674) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX013857.D

Acq: 09 Dec 2019 17:44

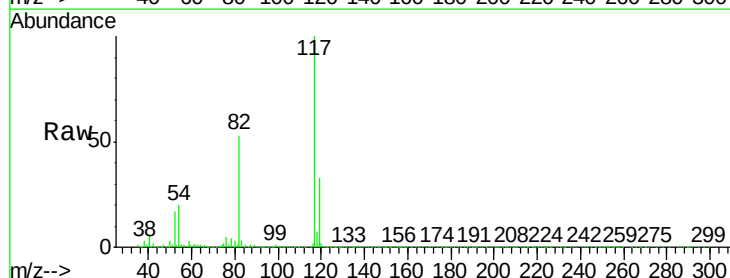
Tgt Ion: 117 Resp: 832330

Ion Ratio Lower Upper

117 100

82 52.7 41.8 62.8

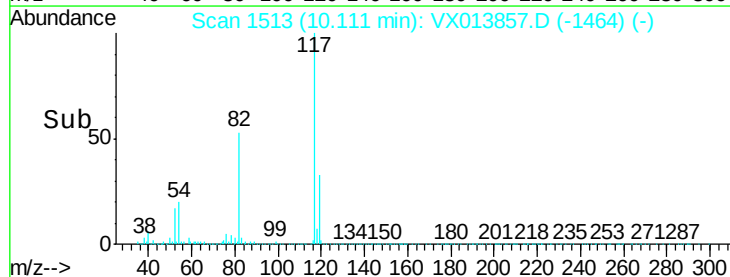
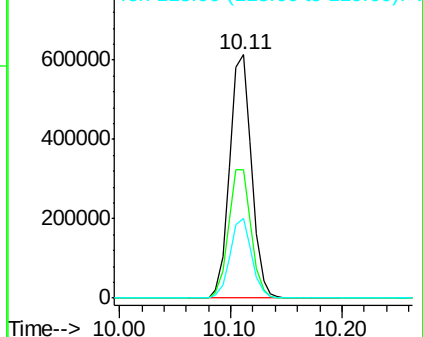
119 32.9 25.8 38.8

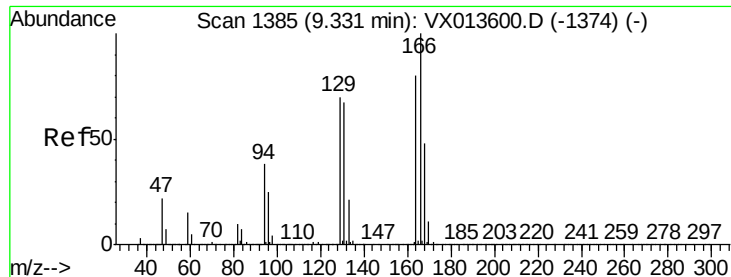


Abundance Ion 116.90 (116.60 to 117.60): VX013600.D (-1500) (-)

Ion 82.00 (81.70 to 82.70): VX013600.D (-1500) (-)

Ion 118.90 (118.60 to 119.60): VX013600.D (-1500) (-)





#64

Tetrachloroethene

Concen: 0.508 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX013857.D

Acq: 09 Dec 2019 17:44

Instrument :

MSVOA_X

ClientSampleId :

TT101D-20191205RE

Tot Ion:164 Resp: 3151

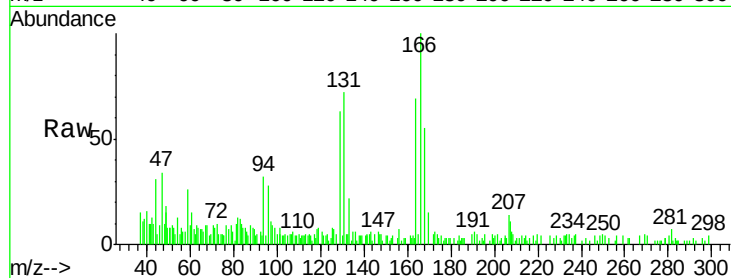
Ion Ratio Lower Upper

164 100

166 146.2 99.7 149.5

129 90.4 70.1 105.1

131 101.3 66.9 100.3#



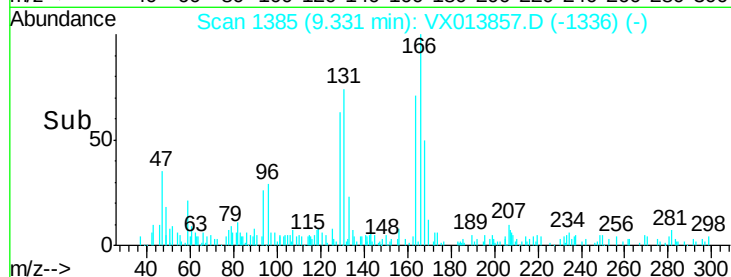
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

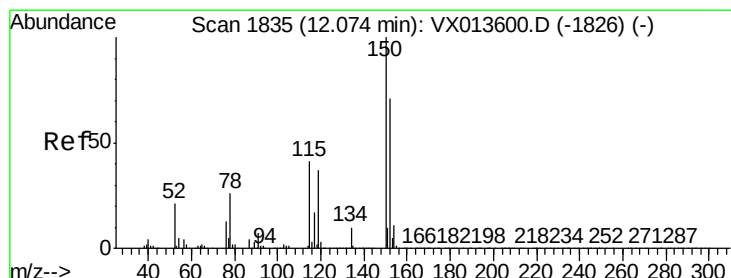
Ion 130.80 (130.50 to 131.50): V

Time-->



Abundance

Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX013857.D

Acq: 09 Dec 2019 17:44

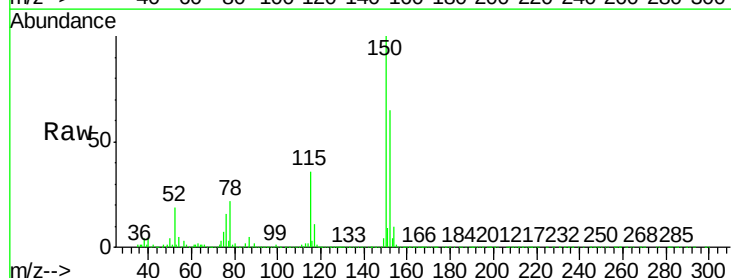
Tgt Ion:152 Resp: 359532

Ion Ratio Lower Upper

152 100

115 55.5 38.4 115.1

150 156.6 0.0 346.8

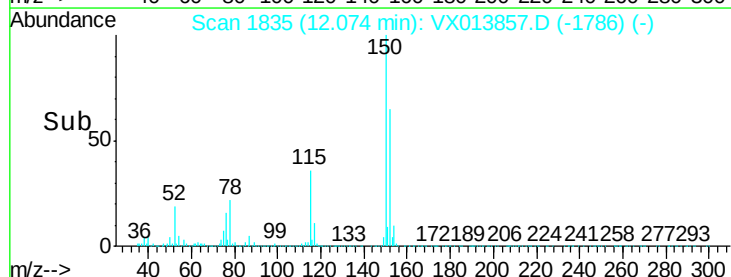


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

Time-->



Abundance

Time-->