

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120919\
 Data File : VX0137859.D
 Acq On : 09 Dec 2019 18:30
 Operator : JC/SP
 Sample : K6185-17
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 10 04:35:55 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	612377	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	936100	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	839530	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	357222	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	340959	47.97	ug/l	0.00
Spiked Amount			Recovery	=	95.94%	
35) Dibromofluoromethane	5.49	113	279420	48.28	ug/l	0.00
Spiked Amount			Recovery	=	96.56%	
50) Toluene-d8	8.71	98	1107222	49.11	ug/l	0.00
Spiked Amount			Recovery	=	98.22%	
62) 4-Bromofluorobenzene	11.14	95	366757	45.11	ug/l	0.00
Spiked Amount			Recovery	=	90.22%	

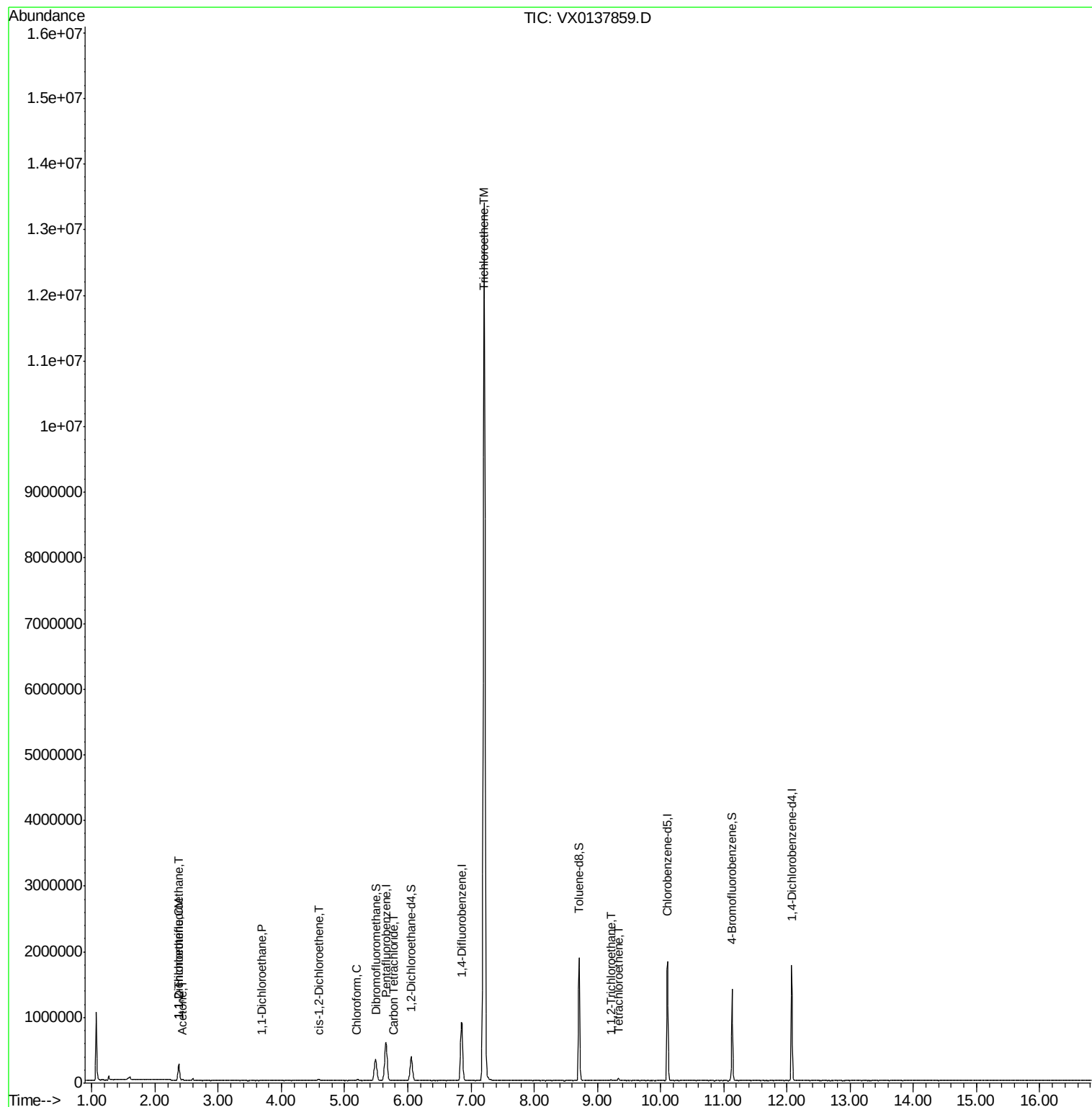
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) 1,1,2-Trichlorotrifluoroet	2.37	101	88058	15.082	ug/l	99
12) 1,1-Dichloroethene	2.37	96	20468	3.512	ug/l	97
16) Acetone	2.44	43	16218	4.621	ug/l	92
24) 1,1-Dichloroethane	3.69	63	10004	0.899	ug/l #	96
27) cis-1,2-Dichloroethene	4.59	96	15354	2.106	ug/l	92
30) Chloroform	5.20	83	22370	1.981	ug/l	87
38) Carbon Tetrachloride	5.78	117	10512	1.342	ug/l #	91
44) Trichloroethene	7.21	130	5189668	730.652	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	4087	0.631	ug/l #	90
64) Tetrachloroethene	9.33	164	8764	1.400	ug/l	91

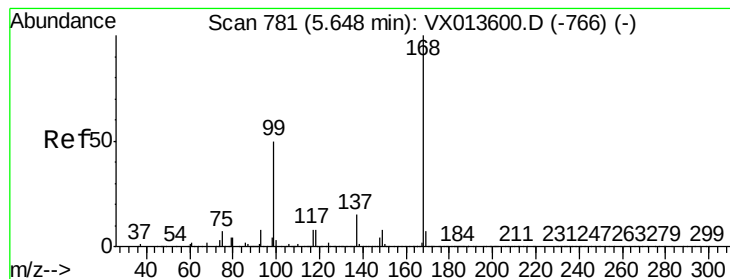
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX120919\
Data File : VX0137859.D
Acq On : 09 Dec 2019 18:30
Operator : JC/SP
Sample : K6185-17
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Dec 10 04:35:55 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
Quant Title : SW846 8260
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: VX0137859.D

Acq: 09 Dec 2019 18:30

Instrument :

MSVOA_X

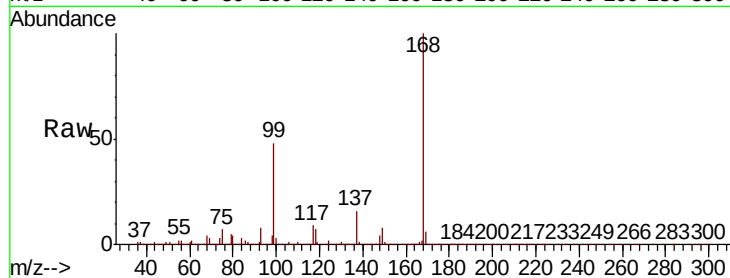
ClientSampleId :

Tot Ion:168 Resp: 612377

Ion Ratio Lower Upper

168 100

99 47.8 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

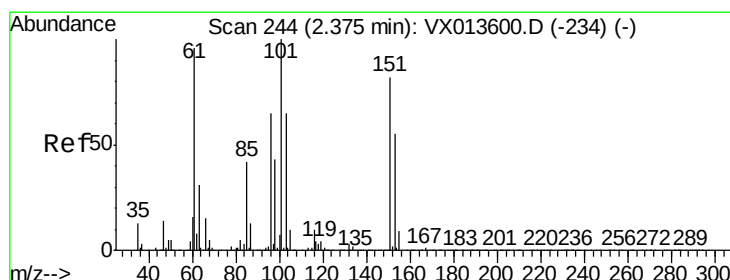
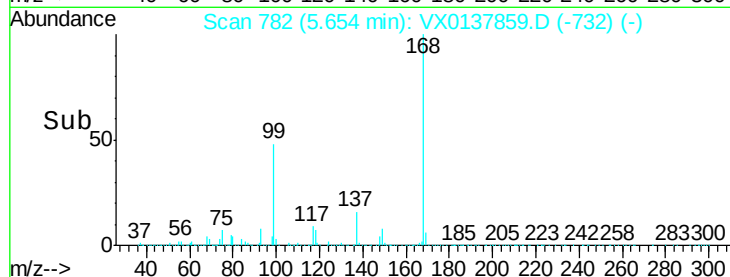
150000

100000

50000

0

Time-->



#9

1,1,2-Trichlorotrifluoroethane

Concen: 15.082 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.00 min

Lab File: VX0137859.D

Acq: 09 Dec 2019 18:30

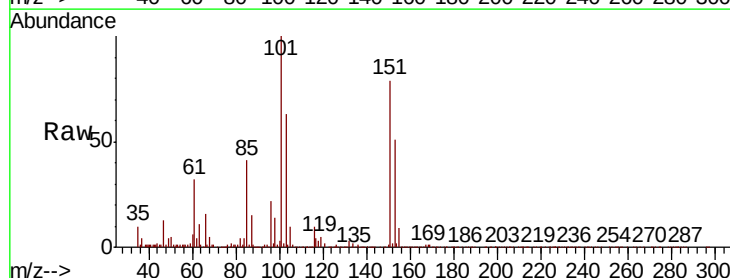
Tgt Ion:101 Resp: 88058

Ion Ratio Lower Upper

101 100

85 42.8 33.9 50.9

151 81.5 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

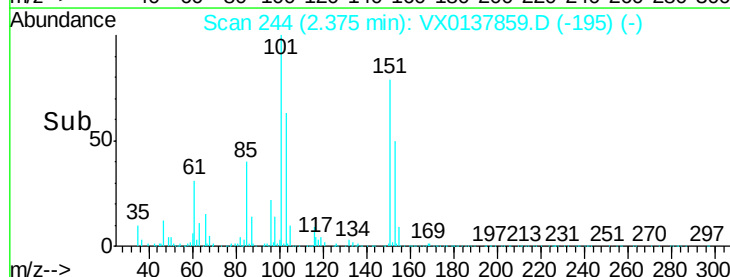
30000

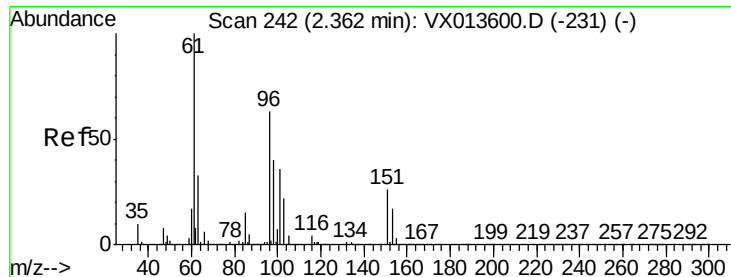
20000

10000

0

Time-->





#12

1,1-Dichloroethene

Concen: 3.512 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.01 min

Lab File: VX0137859.D

Acq: 09 Dec 2019 18:30

Instrument :

MSVOA_X

ClientSampled :

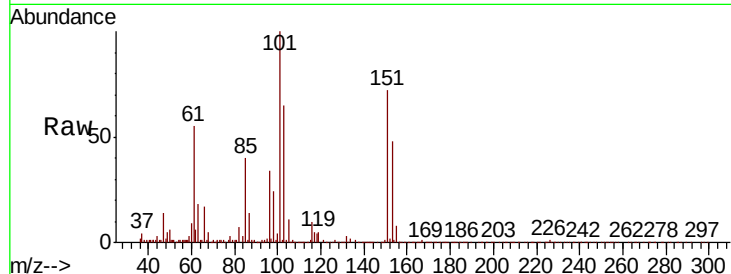
Tot Ion: 96 Resp: 20468

Ion Ratio Lower Upper

96 100

61 159.9 126.6 190.0

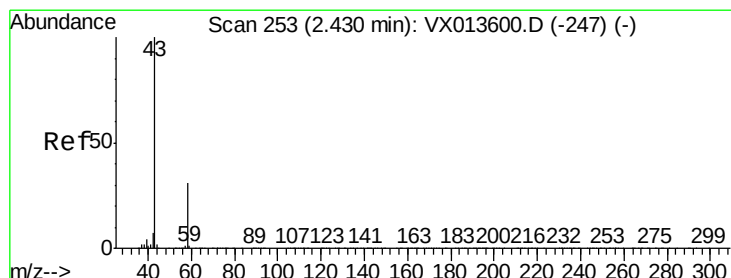
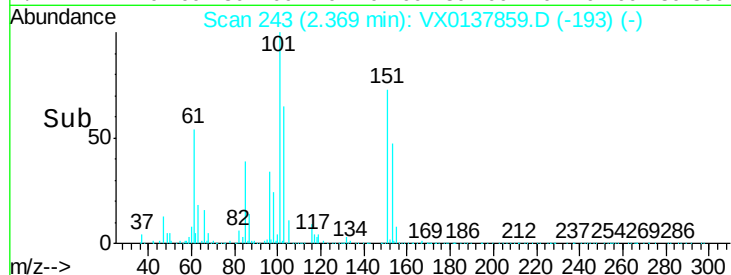
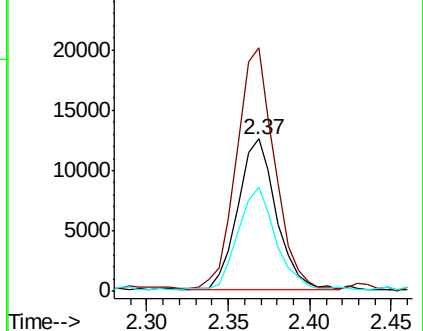
98 67.7 50.6 76.0



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



#16

Acetone

Concen: 4.621 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.01 min

Lab File: VX0137859.D

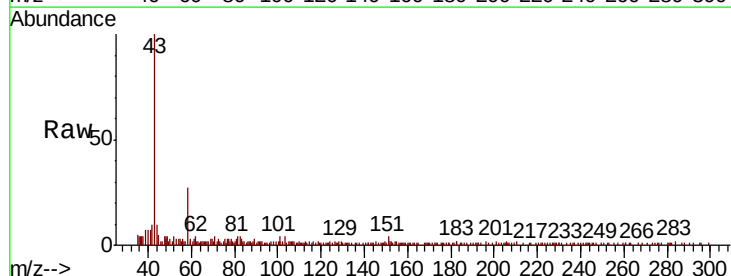
Acq: 09 Dec 2019 18:30

Tgt Ion: 43 Resp: 16218

Ion Ratio Lower Upper

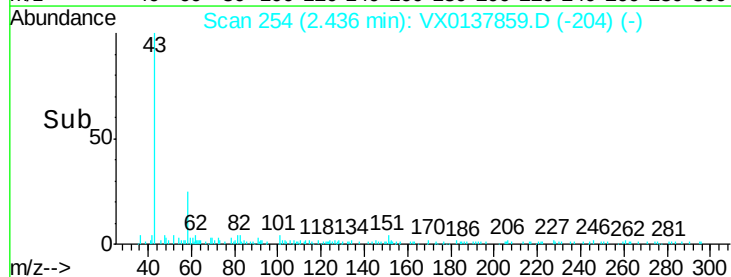
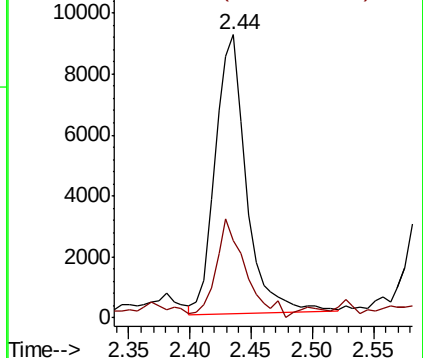
43 100

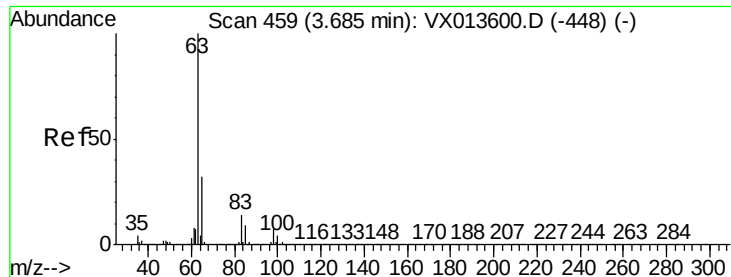
58 26.3 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#24

1,1-Dichloroethane

Concen: 0.899 ug/l

RT: 3.69 min Scan# 460

Delta R.T. 0.01 min

Lab File: VX0137859.D

Acq: 09 Dec 2019 18:30

Instrument :

MSVOA_X

ClientSampleId :

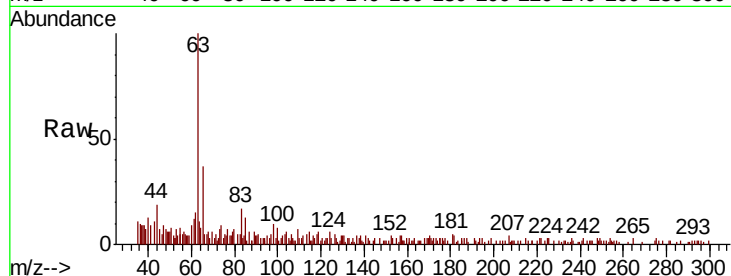
Tot Ion: 63 Resp: 10004

Ion Ratio Lower Upper

63 100

98 6.2 3.5 10.4

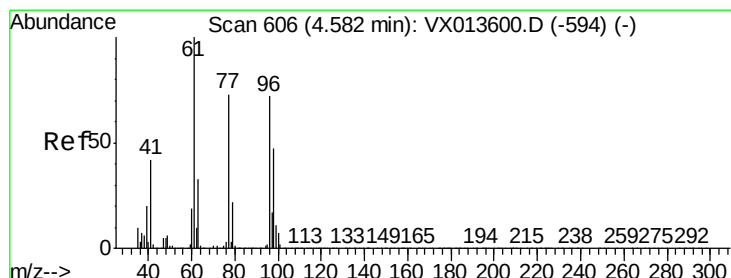
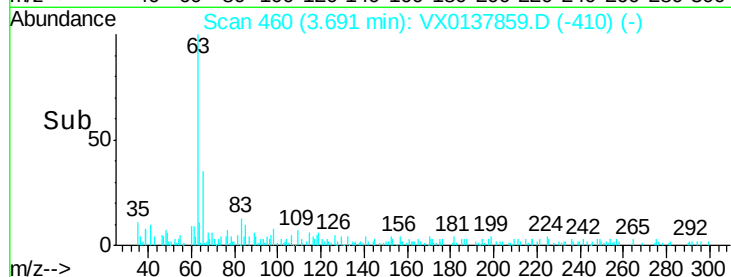
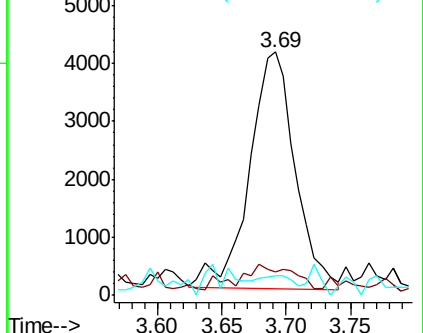
100 6.6 2.1 6.3#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0



#27

cis-1,2-Dichloroethene

Concen: 2.106 ug/l

RT: 4.59 min Scan# 608

Delta R.T. 0.01 min

Lab File: VX0137859.D

Acq: 09 Dec 2019 18:30

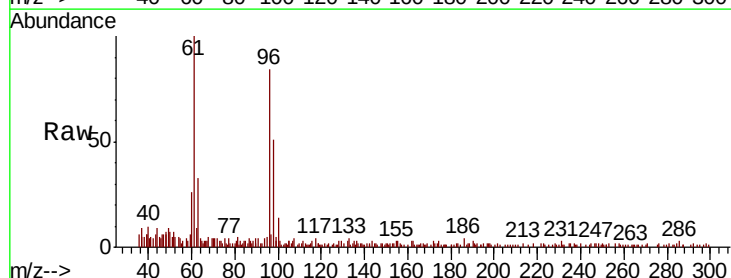
Tgt Ion: 96 Resp: 15354

Ion Ratio Lower Upper

96 100

61 133.5 0.0 286.4

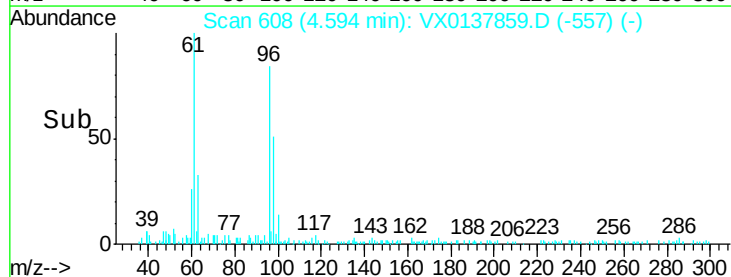
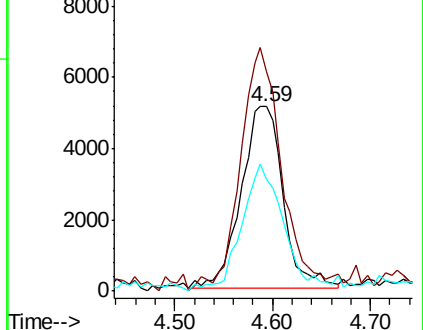
98 69.7 0.0 127.4

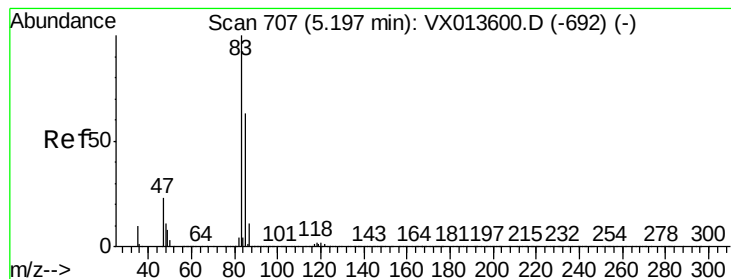


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#30

Chloroform

Concen: 1.981 ug/l

RT: 5.20 min Scan# 708

Delta R.T. 0.01 min

Lab File: VX0137859.D

Acq: 09 Dec 2019 18:30

Instrument :

MSVOA_X

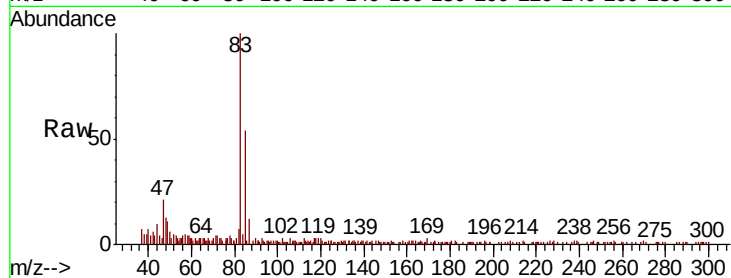
ClientSampleId :

Tot Ion: 83 Resp: 22370

Ion Ratio Lower Upper

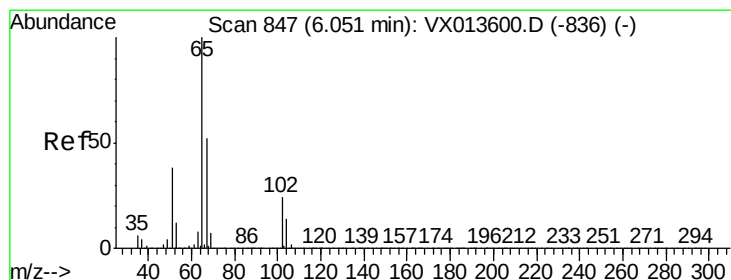
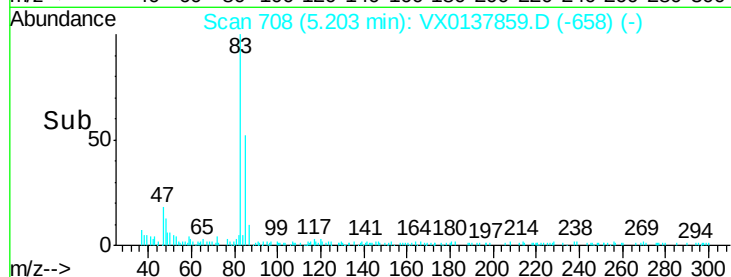
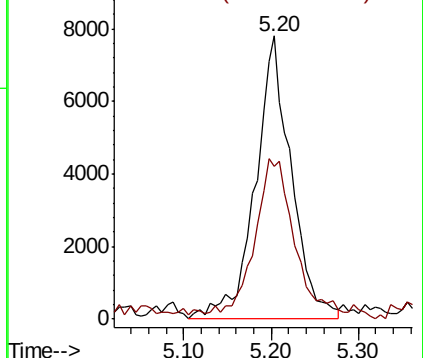
83 100

85 52.6 50.2 75.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 47.966 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX0137859.D

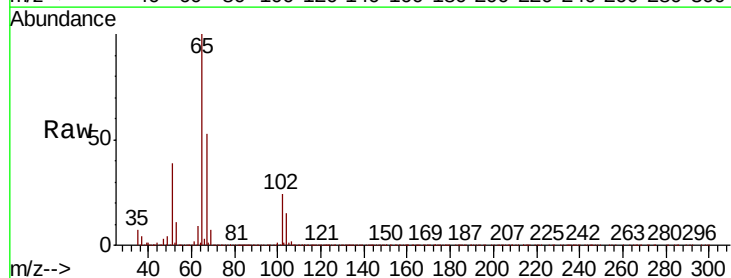
Acq: 09 Dec 2019 18:30

Tgt Ion: 65 Resp: 340959

Ion Ratio Lower Upper

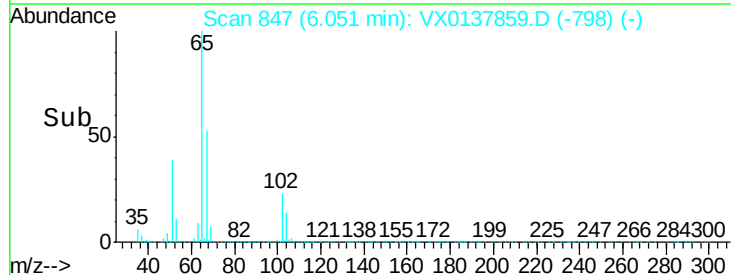
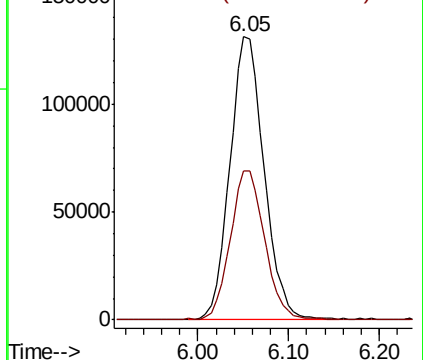
65 100

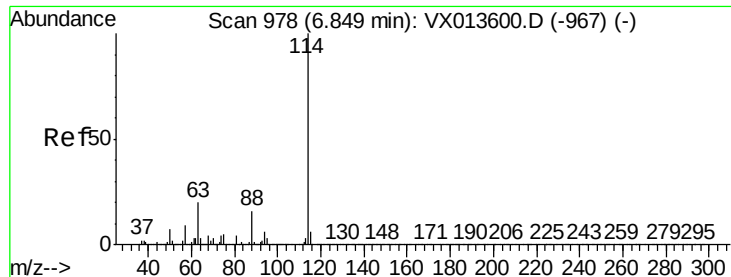
67 53.1 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX0137859.D

Acq: 09 Dec 2019 18:30

Instrument :

MSVOA_X

ClientSampled :

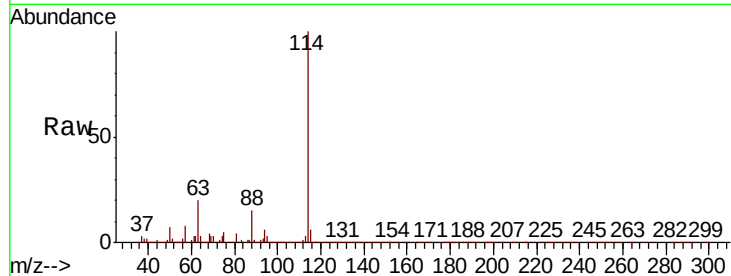
Tot Ion:114 Resp: 936100

Ion Ratio Lower Upper

114 100

63 20.3 0.0 39.6

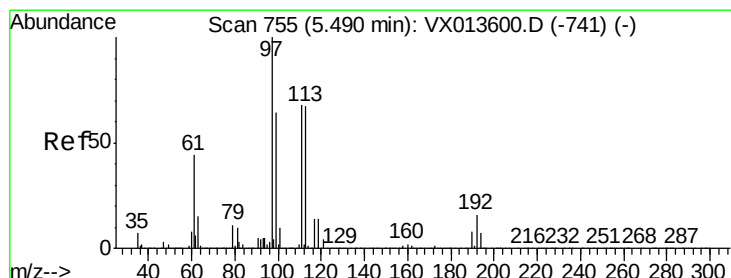
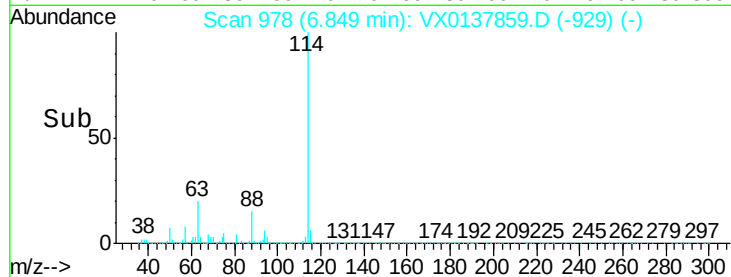
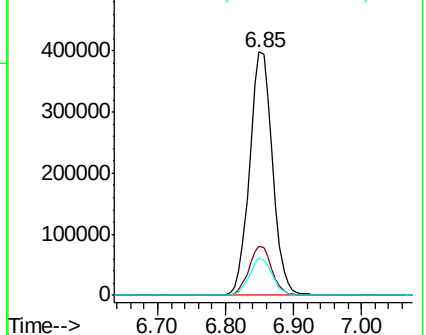
88 15.4 0.0 31.4



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: 48.283 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX0137859.D

Acq: 09 Dec 2019 18:30

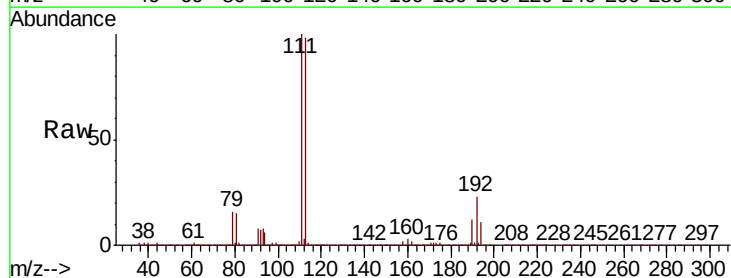
Tgt Ion:113 Resp: 279420

Ion Ratio Lower Upper

113 100

111 102.5 83.6 125.4

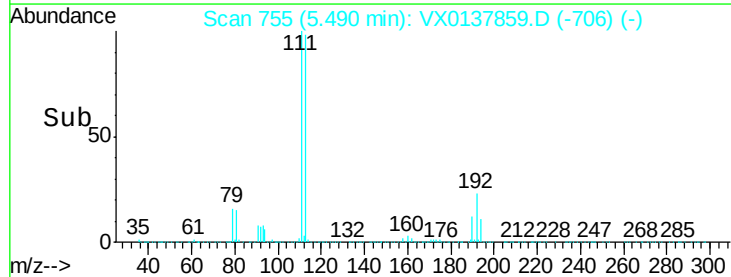
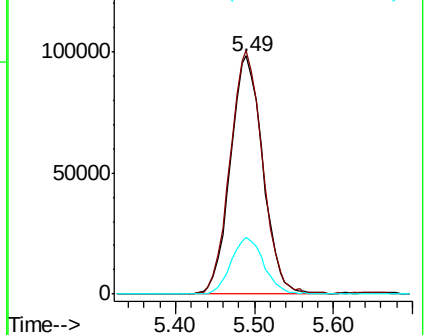
192 24.1 19.2 28.8

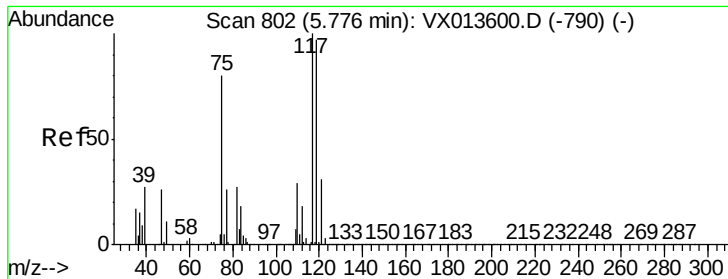


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#38

Carbon Tetrachloride

Concen: 1.342 ug/l

RT: 5.78 min Scan# 803

Delta R.T. 0.01 min

Lab File: VX0137859.D

Acq: 09 Dec 2019 18:30

Instrument :

MSVOA_X

ClientSampleId :

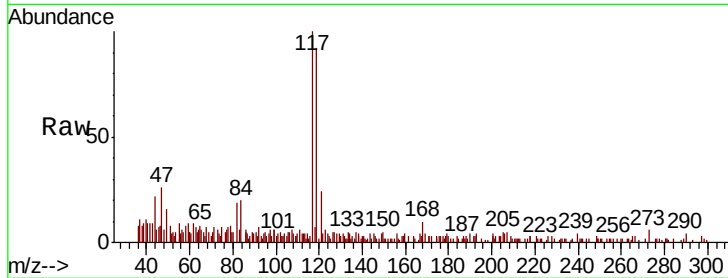
Tot Ion:117 Resp: 10512

Ion Ratio Lower Upper

117 100

119 91.1 77.5 116.3

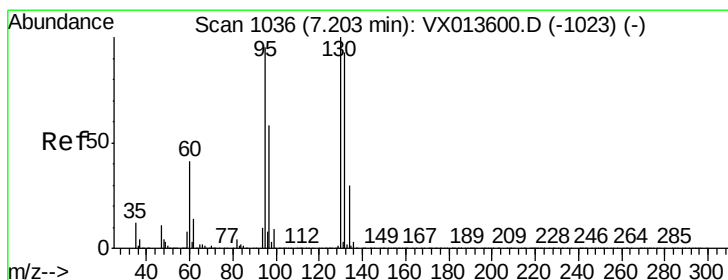
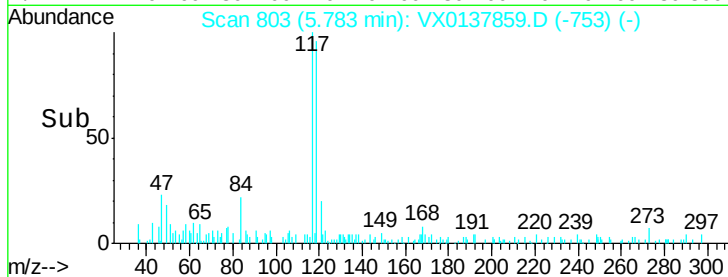
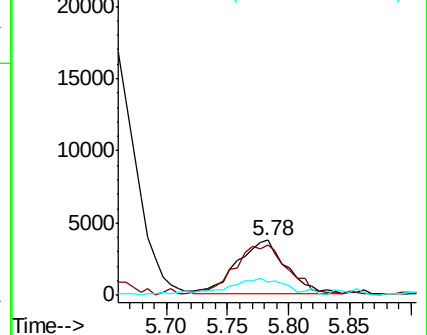
121 20.2 25.0 37.6#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#44

Trichloroethene

Concen: 730.652 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX0137859.D

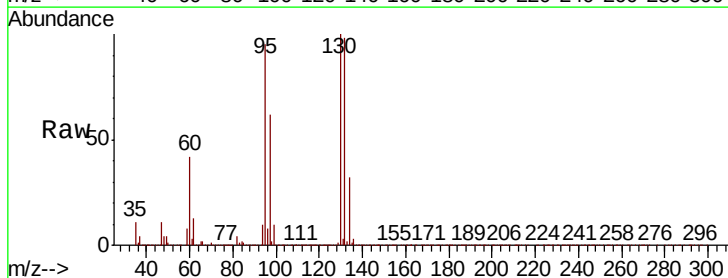
Acq: 09 Dec 2019 18:30

Tgt Ion:130 Resp: 5189668

Ion Ratio Lower Upper

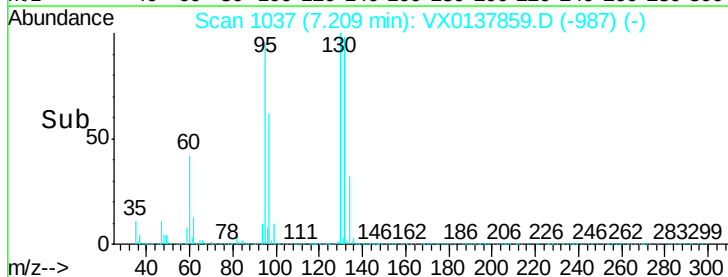
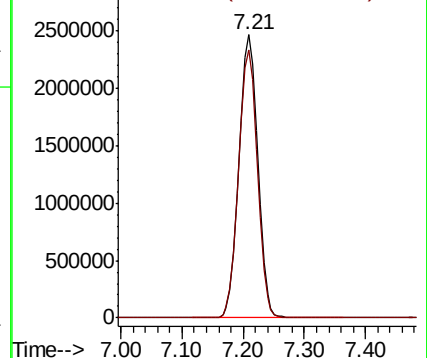
130 100

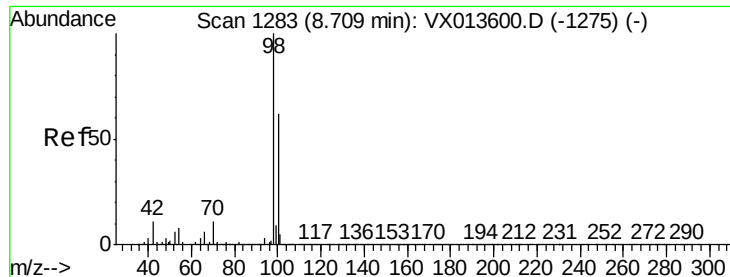
95 94.8 0.0 190.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): V





#50

Toluene-d8

Concen: 49.107 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX0137859.D

Acq: 09 Dec 2019 18:30

Instrument :

MSVOA_X

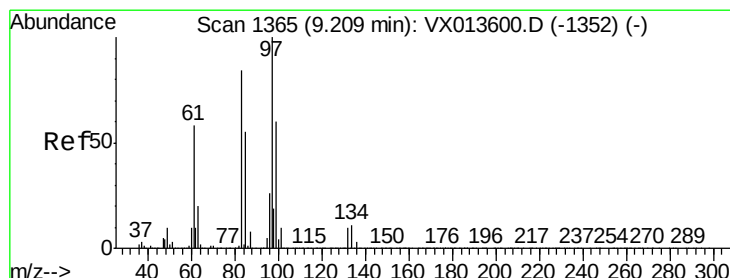
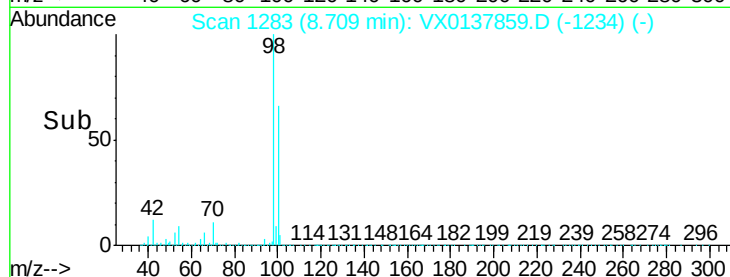
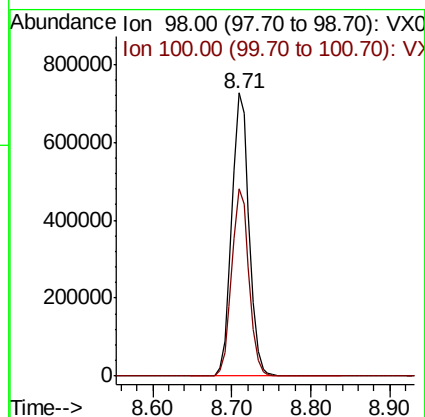
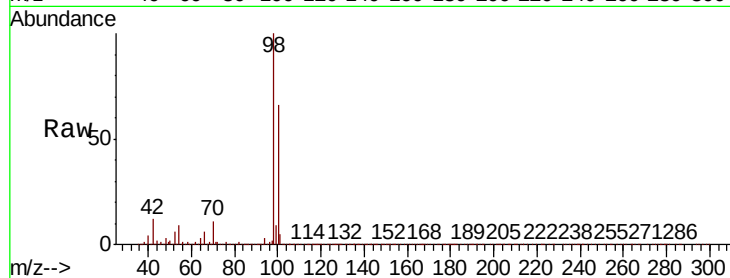
ClientSampled :

Tot Ion: 98 Resp: 1107222

Ion Ratio Lower Upper

98 100

100 66.0 53.1 79.7



#55

1,1,2-Trichloroethane

Concen: 0.631 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. -0.00 min

Lab File: VX0137859.D

Acq: 09 Dec 2019 18:30

Tgt Ion: 97 Resp: 4087

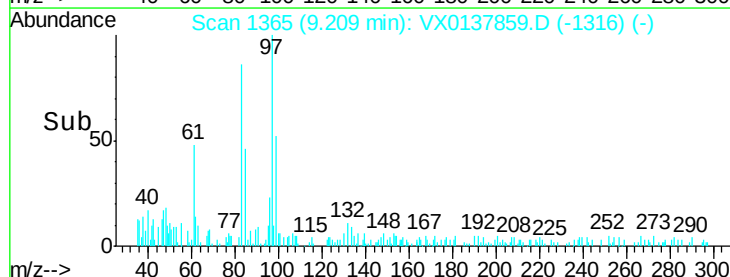
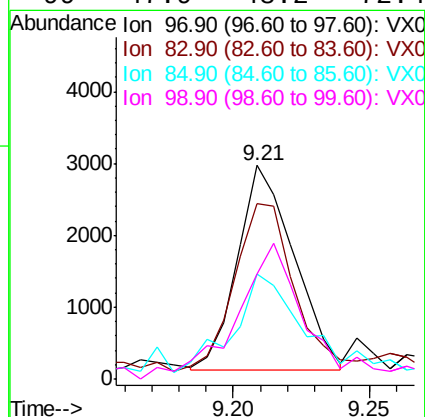
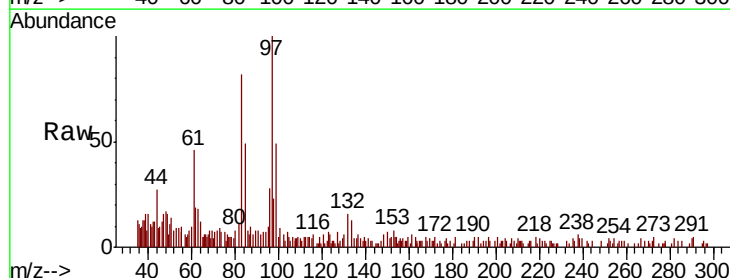
Ion Ratio Lower Upper

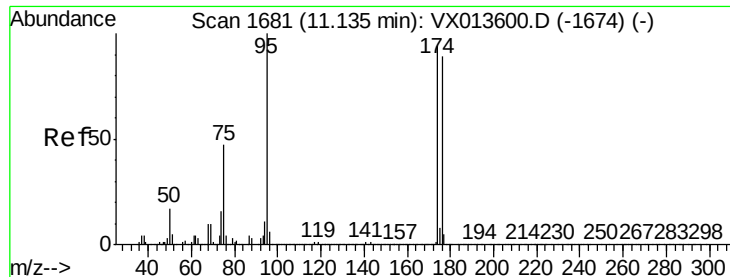
97 100

83 81.6 67.3 100.9

85 45.0 43.6 65.4

99 47.9 48.2 72.4#





#62

4-Bromofluorobenzene

Concen: 45.108 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX0137859.D

Acq: 09 Dec 2019 18:30

Instrument :

MSVOA_X

ClientSampleId :

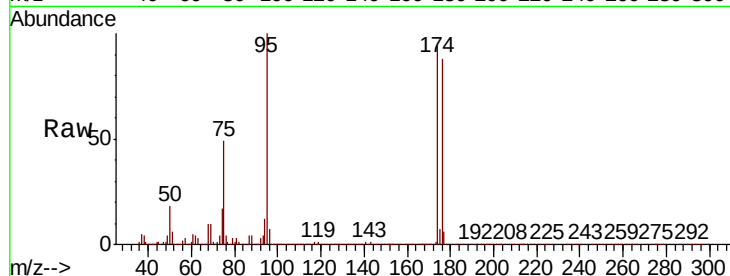
Tot Ion: 95 Resp: 366757

Ion Ratio Lower Upper

95 100

174 88.6 0.0 180.0

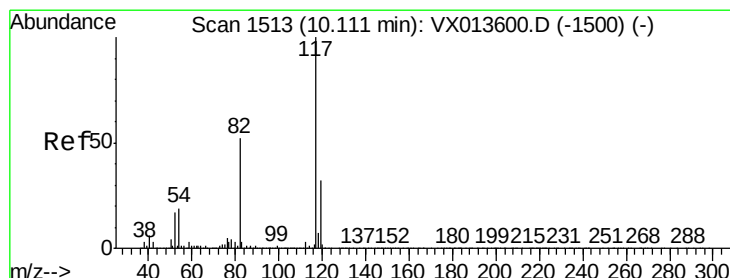
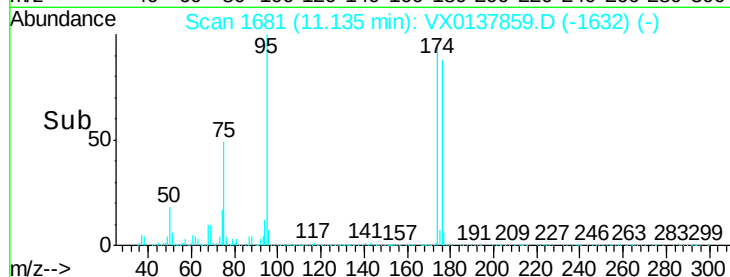
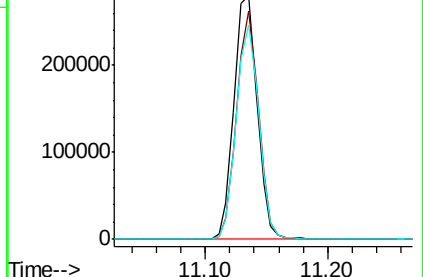
176 85.8 0.0 173.6



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: VX0137859.D

Acq: 09 Dec 2019 18:30

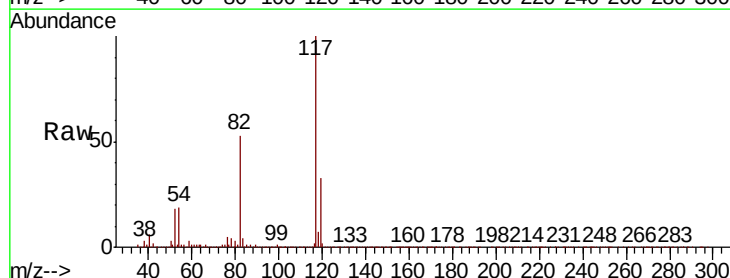
Tgt Ion: 117 Resp: 839530

Ion Ratio Lower Upper

117 100

82 52.8 41.8 62.8

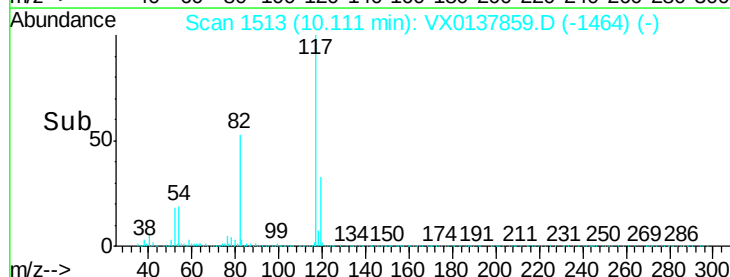
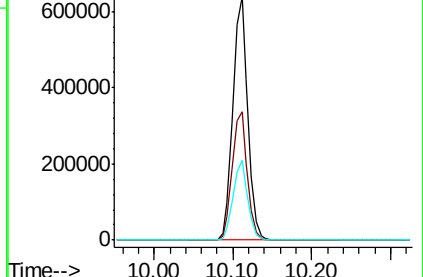
119 32.6 25.8 38.8

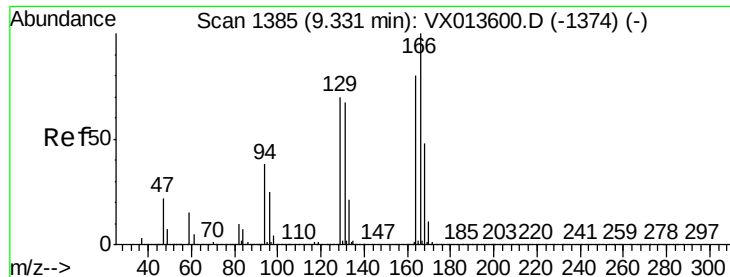


Abundance Ion 116.90 (116.60 to 117.60): VX013600.D (-1500) (-)

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: 1.400 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VX0137859.D

Acq: 09 Dec 2019 18:30

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:164 Resp: 8764

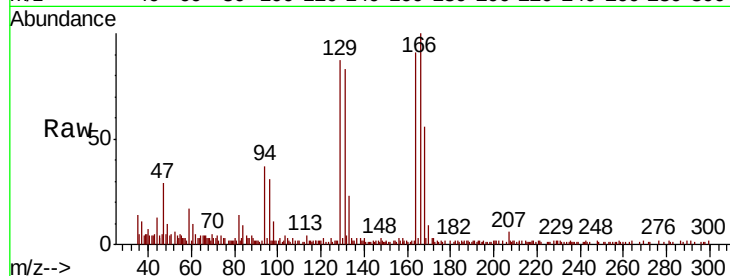
Ion Ratio Lower Upper

164 100

166 110.0 99.7 149.5

129 93.1 70.1 105.1

131 89.0 66.9 100.3



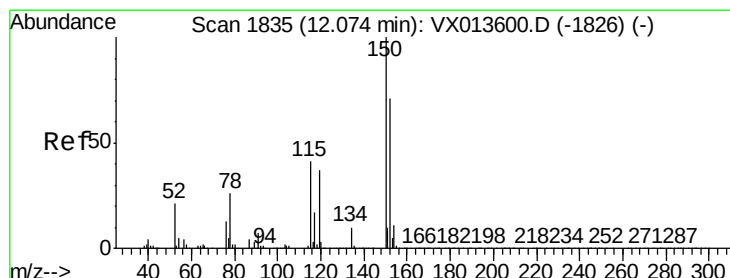
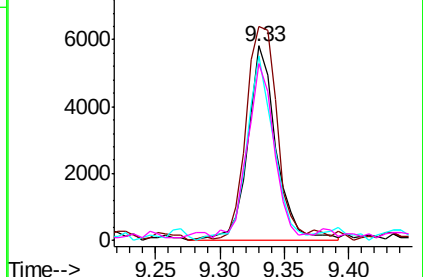
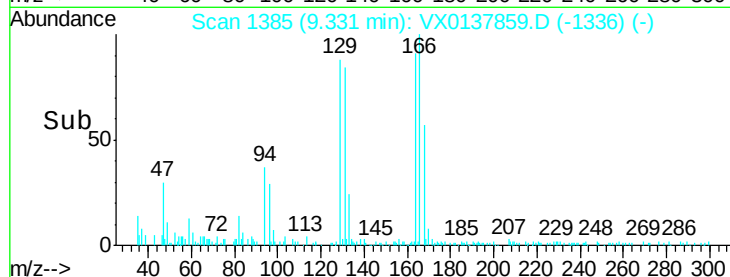
Abundance Ion 163.80 (163.50 to 164.50): V

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

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: VX0137859.D

Acq: 09 Dec 2019 18:30

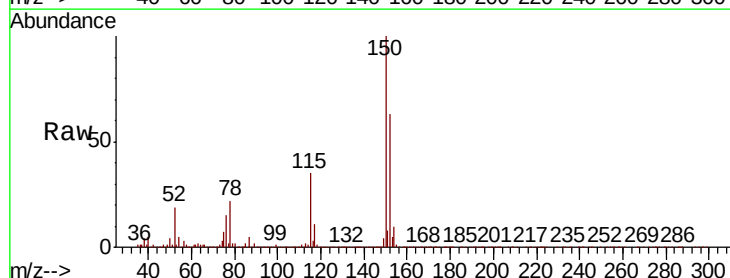
Tgt Ion:152 Resp: 357222

Ion Ratio Lower Upper

152 100

115 56.4 38.4 115.1

150 157.5 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-->

