

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121219\
 Data File : VX013984.D
 Acq On : 12 Dec 2019 18:42
 Operator : JC/SP
 Sample : K6252-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D5-20191209

Quant Time: Dec 13 04:25:56 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	551145	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	851347	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	753888	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	316837	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	309820	48.43	ug/l	0.00
Spiked Amount			Recovery	=	96.86%	
35) Dibromofluoromethane	5.48	113	252742	48.02	ug/l	0.00
Spiked Amount			Recovery	=	96.04%	
50) Toluene-d8	8.71	98	1007142	49.12	ug/l	0.00
Spiked Amount			Recovery	=	98.24%	
62) 4-Bromofluorobenzene	11.14	95	329005	44.49	ug/l	0.00
Spiked Amount			Recovery	=	88.98%	

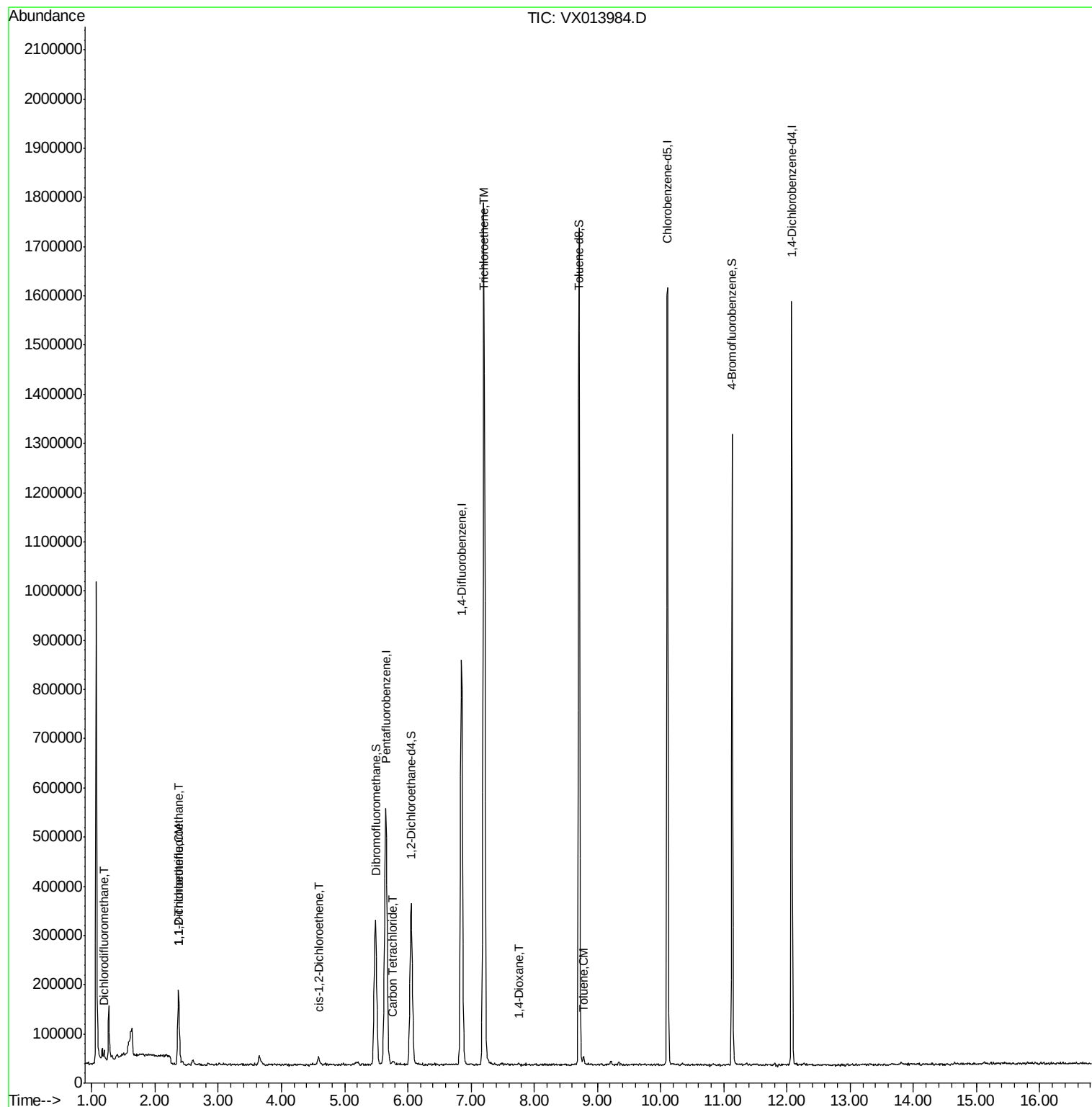
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	6864	1.119	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	2.37	101	55204	10.506	ug/l	98
12) 1,1-Dichloroethene	2.36	96	11916	2.272	ug/l	96
27) cis-1,2-Dichloroethene	4.59	96	9494	1.447	ug/l	88
38) Carbon Tetrachloride	5.76	117	6433	0.903	ug/l #	76
44) Trichloroethene	7.20	130	701622	108.615	ug/l	100
49) 1,4-Dioxane	7.75	88	2538	16.350	ug/l #	62
52) Toluene	8.78	92	7670	0.525	ug/l	99

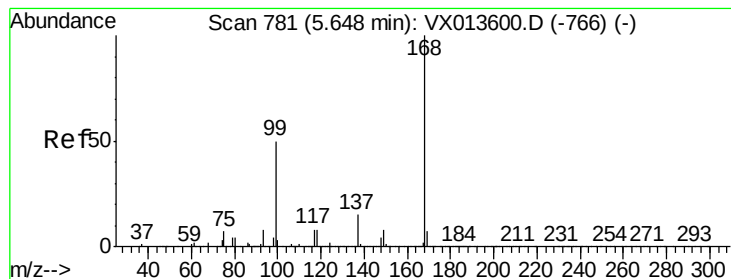
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX121219\
Data File : VX013984.D
Acq On : 12 Dec 2019 18:42
Operator : JC/SP
Sample : K6252-03
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RE132D5-20191209

Quant Time: Dec 13 04:25:56 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: VX013984.D

Acq: 12 Dec 2019 18:42

Instrument :

MSVOA_X

ClientSampleId :

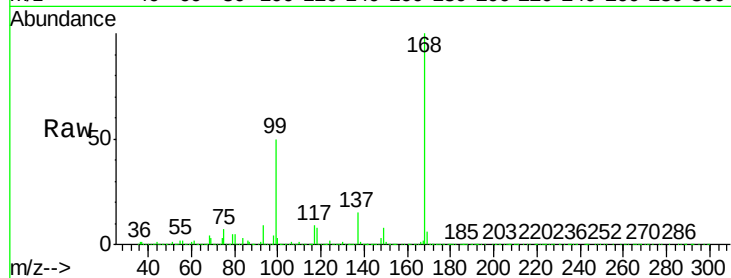
RE132D5-20191209

Tot Ion:168 Resp: 551145

Ion Ratio Lower Upper

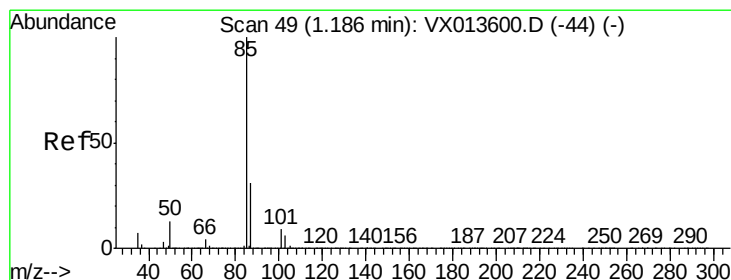
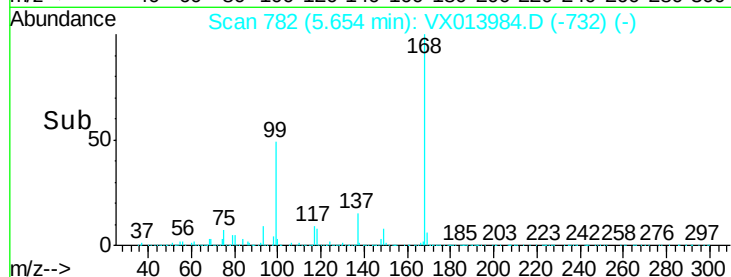
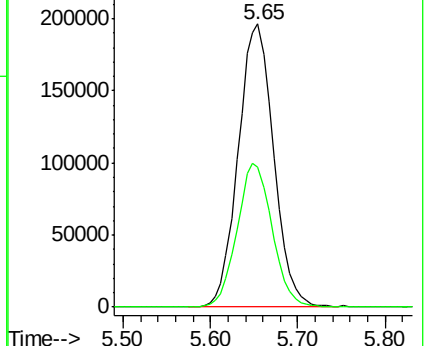
168 100

99 49.5 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 1.119 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.01 min

Lab File: VX013984.D

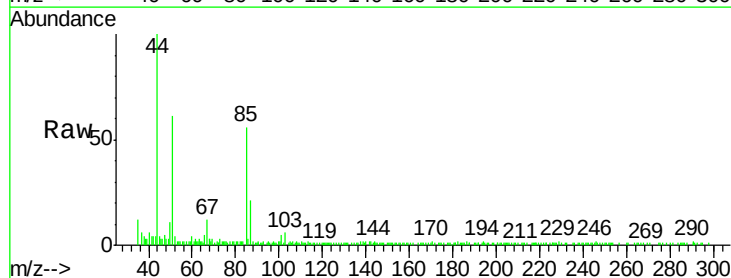
Acq: 12 Dec 2019 18:42

Tgt Ion: 85 Resp: 6864

Ion Ratio Lower Upper

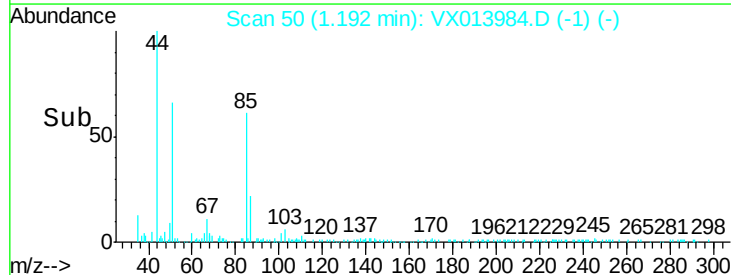
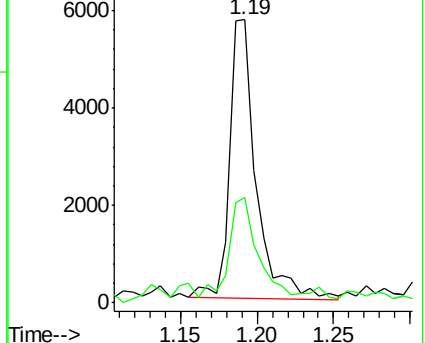
85 100

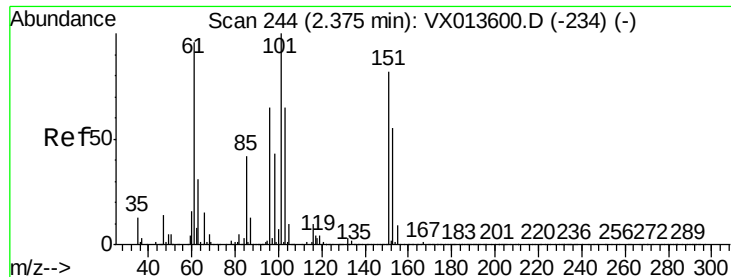
87 36.4 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 10.506 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.00 min

Lab File: VX013984.D

Acq: 12 Dec 2019 18:42

Instrument :

MSVOA_X

ClientSampleId :

RE132D5-20191209

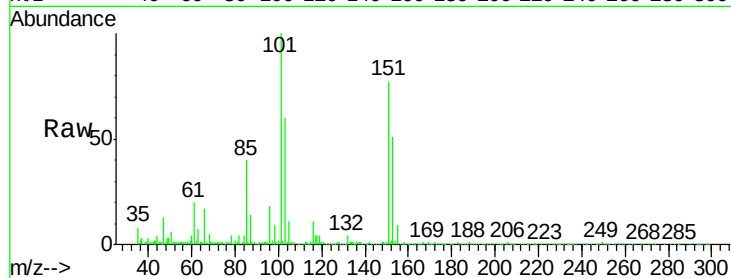
Tot Ion:101 Resp: 55204

Ion Ratio Lower Upper

101 100

85 41.4 33.9 50.9

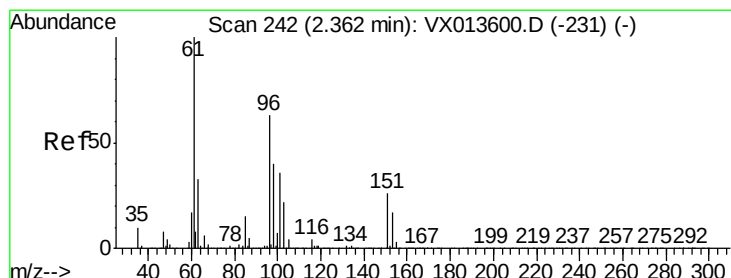
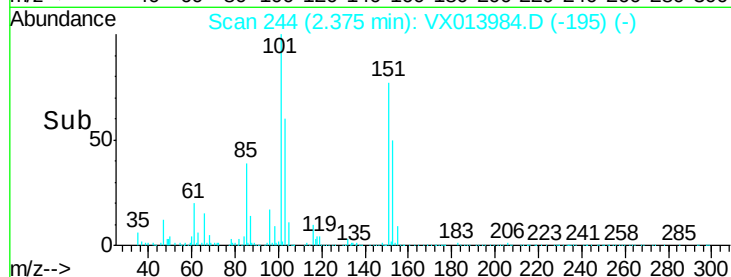
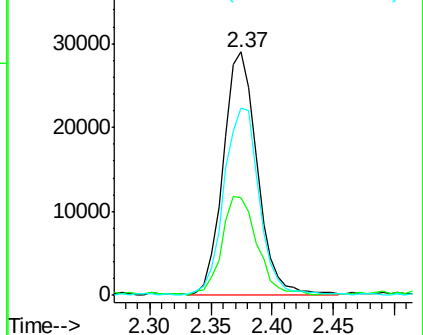
151 81.6 64.2 96.2



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



#12

1,1-Dichloroethene

Concen: 2.272 ug/l

RT: 2.36 min Scan# 242

Delta R.T. -0.00 min

Lab File: VX013984.D

Acq: 12 Dec 2019 18:42

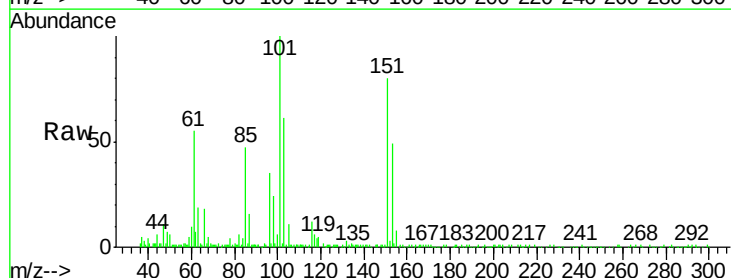
Tgt Ion: 96 Resp: 11916

Ion Ratio Lower Upper

96 100

61 152.1 126.6 190.0

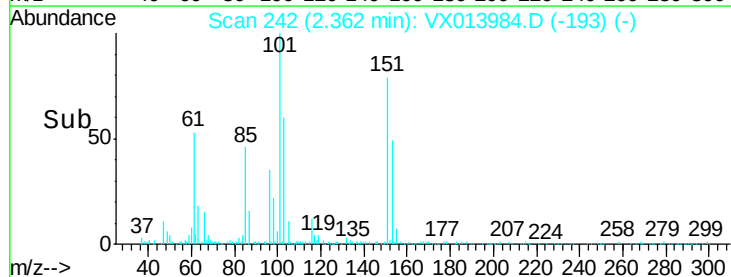
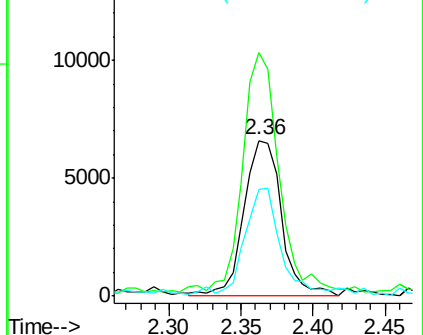
98 64.5 50.6 76.0

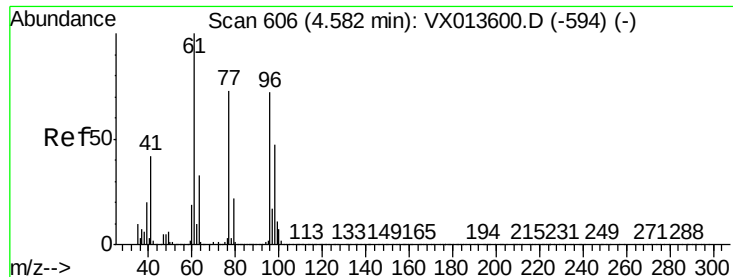


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



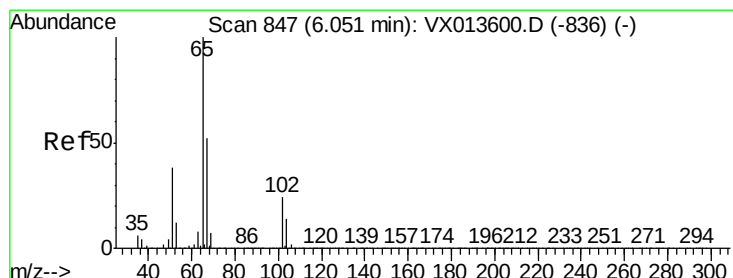
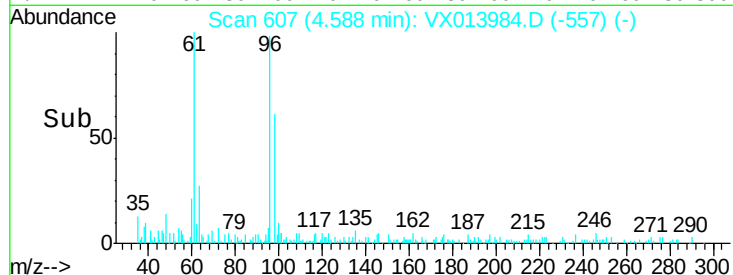
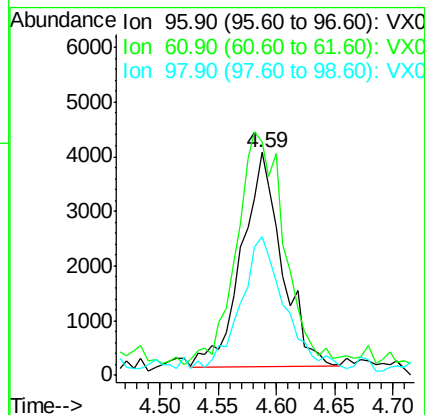
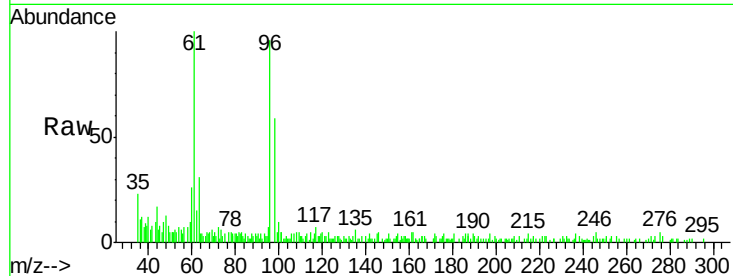


#27

cis-1,2-Dichloroethene
Concen: 1.447 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX013984.D
Acq: 12 Dec 2019 18:42

Instrument :
MSVOA_X
ClientSampleId :
RE132D5-20191209

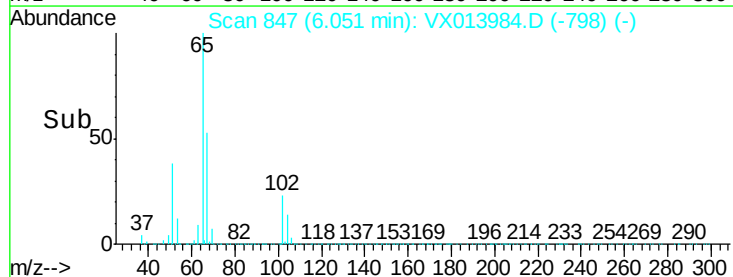
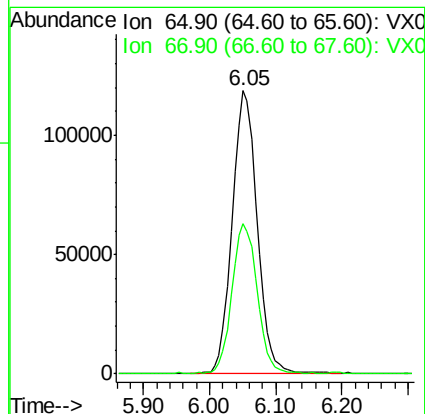
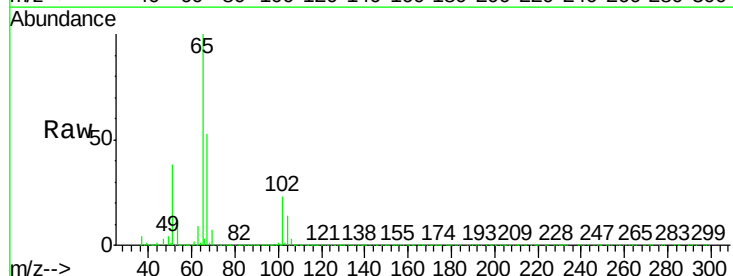
Tot Ion	96	Resp	9494
Ion	Ratio	Lower	Upper
96	100		
61	127.3	0.0	286.4
98	71.6	0.0	127.4

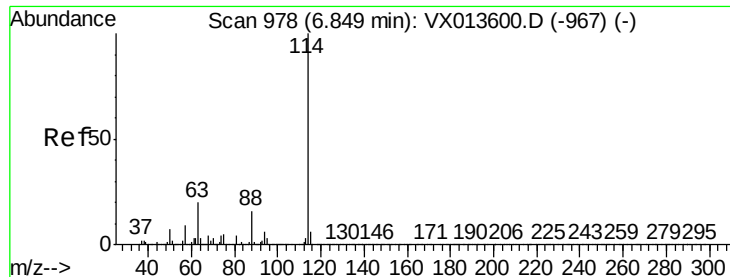


#33

1,2-Dichloroethane-d4
Concen: 48.428 ug/l
RT: 6.05 min Scan# 847
Delta R.T. -0.00 min
Lab File: VX013984.D
Acq: 12 Dec 2019 18:42

Tgt Ion	65	Resp	309820
Ion	Ratio	Lower	Upper
65	100		
67	53.4	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: VX013984.D

Acq: 12 Dec 2019 18:42

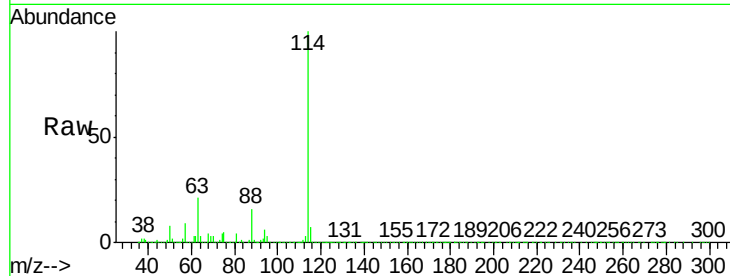
Instrument :

MSVOA_X

ClientSampleId :

RE132D5-20191209

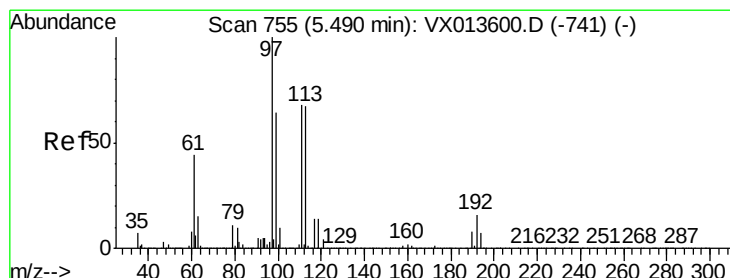
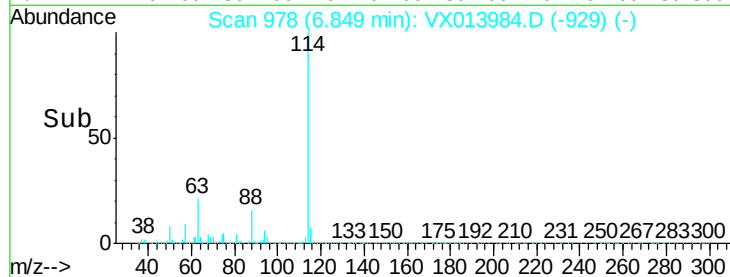
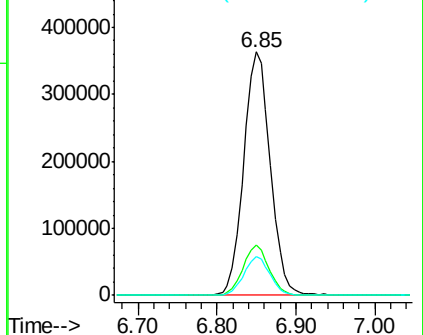
Tot Ion:	114	Resp:	851347
Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	39.6
88	15.9	0.0	31.4



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: 48.021 ug/l

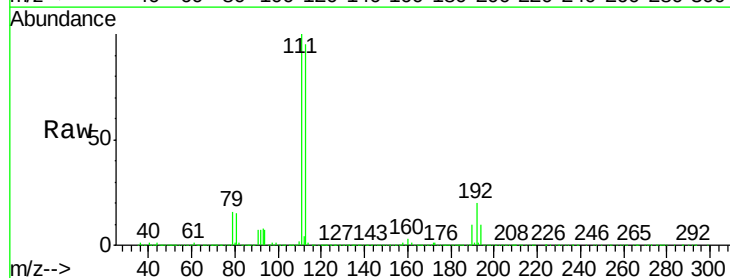
RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX013984.D

Acq: 12 Dec 2019 18:42

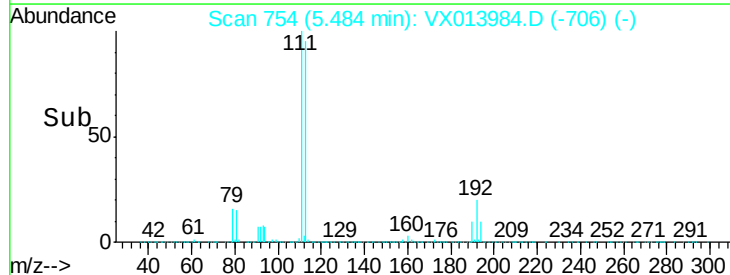
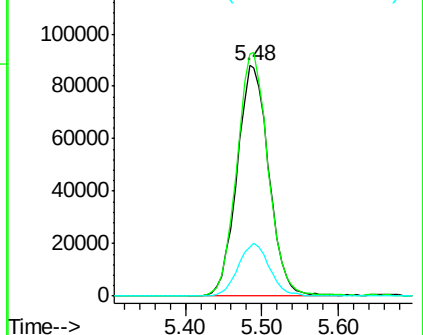
Tgt Ion:	113	Resp:	252742
Ion	Ratio	Lower	Upper
113	100		
111	104.0	83.6	125.4
192	23.0	19.2	28.8

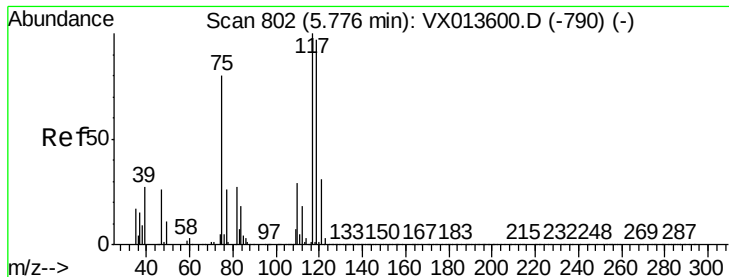


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#38

Carbon Tetrachloride

Concen: 0.903 ug/l

RT: 5.76 min Scan# 800

Delta R.T. -0.01 min

Lab File: VX013984.D

Acq: 12 Dec 2019 18:42

Instrument :

MSVOA_X

ClientSampleId :

RE132D5-20191209

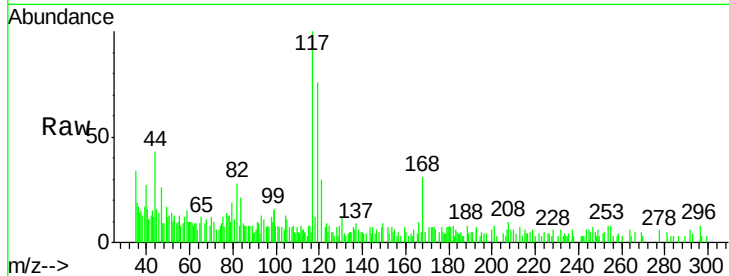
Tot Ion:117 Resp: 6433

Ion Ratio Lower Upper

117 100

119 68.6 77.5 116.3#

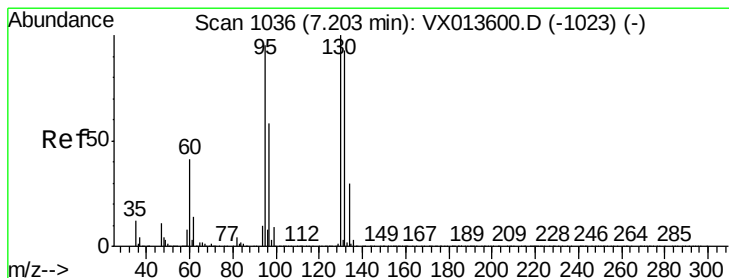
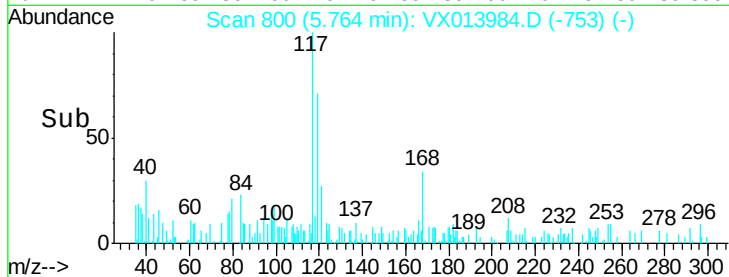
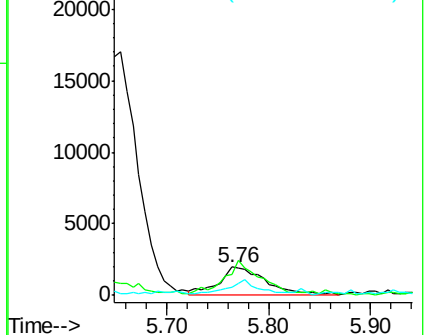
121 25.4 25.0 37.6



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: 108.615 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.00 min

Lab File: VX013984.D

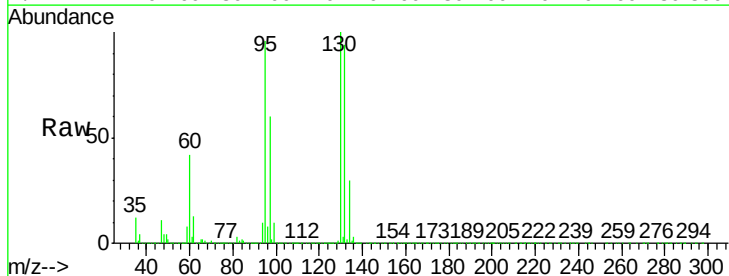
Acq: 12 Dec 2019 18:42

Tgt Ion:130 Resp: 701622

Ion Ratio Lower Upper

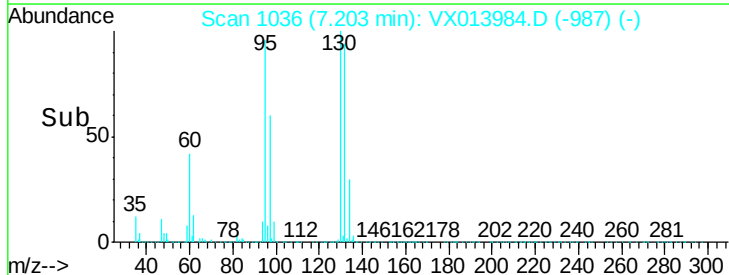
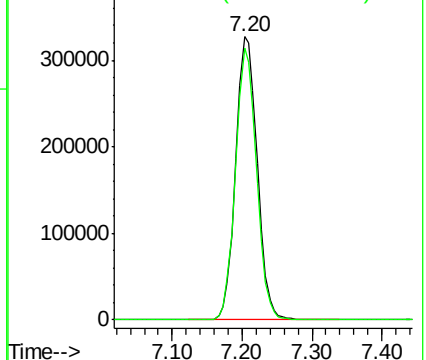
130 100

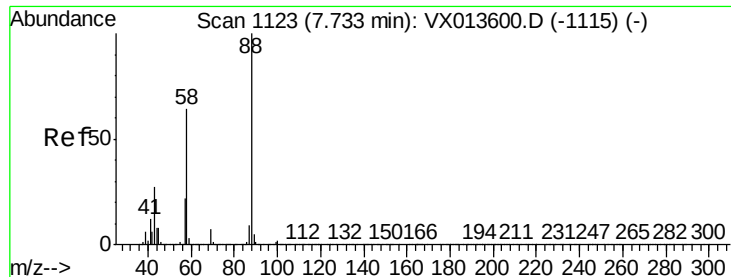
95 95.7 0.0 190.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#49

1,4-Dioxane

Concen: 16.350 ug/l

RT: 7.75 min Scan# 1125

Delta R.T. 0.01 min

Lab File: VX013984.D

Acq: 12 Dec 2019 18:42

Instrument :

MSVOA_X

ClientSampleId :

RE132D5-20191209

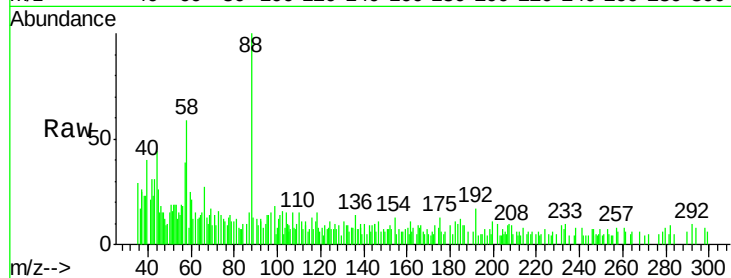
Tot Ion: 88 Resp: 2538

Ion Ratio Lower Upper

88 100

43 0.0 25.8 38.6#

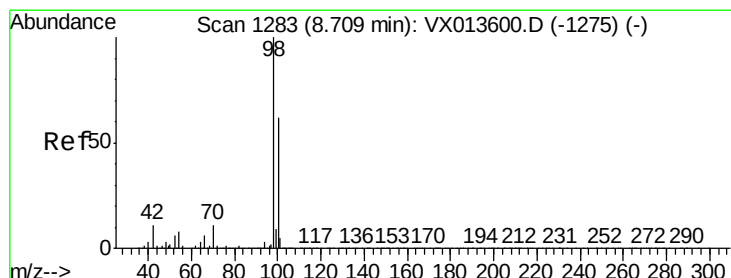
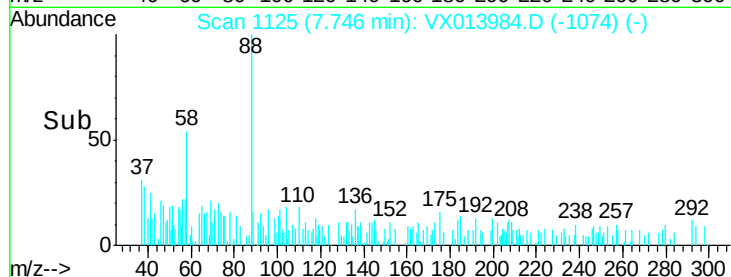
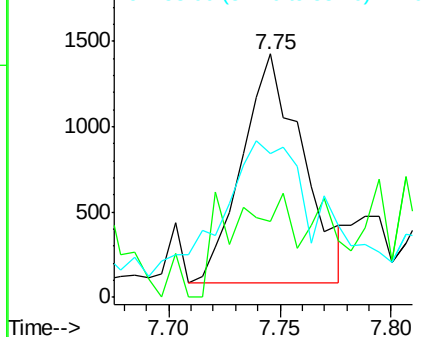
58 91.5 54.6 82.0#



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: 49.115 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX013984.D

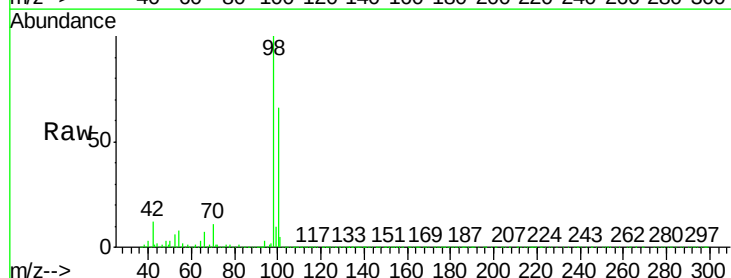
Acq: 12 Dec 2019 18:42

Tgt Ion: 98 Resp: 1007142

Ion Ratio Lower Upper

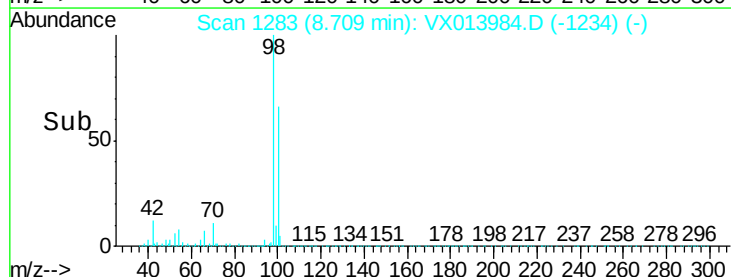
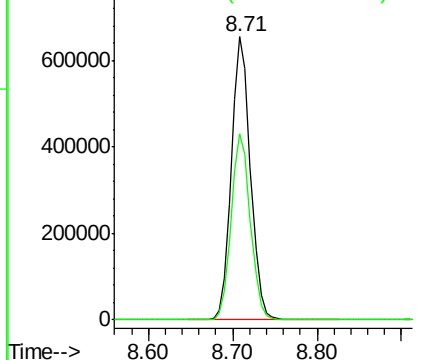
98 100

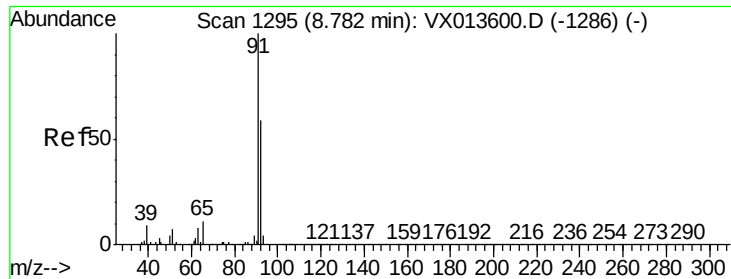
100 65.8 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#52

Toluene

Concen: 0.525 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. -0.00 min

Lab File: VX013984.D

Acq: 12 Dec 2019 18:42

Instrument :

MSVOA_X

ClientSampleId :

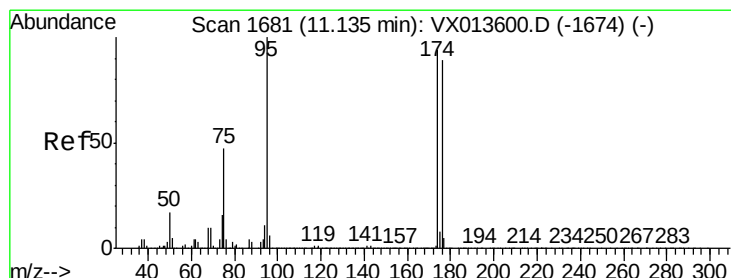
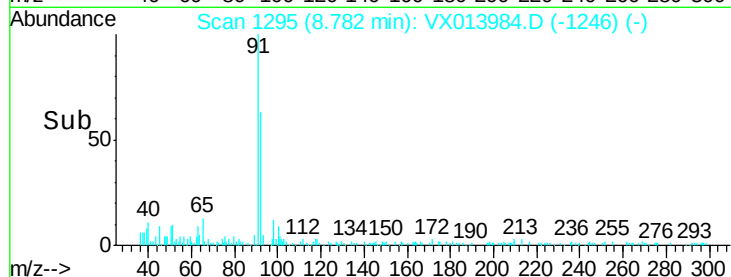
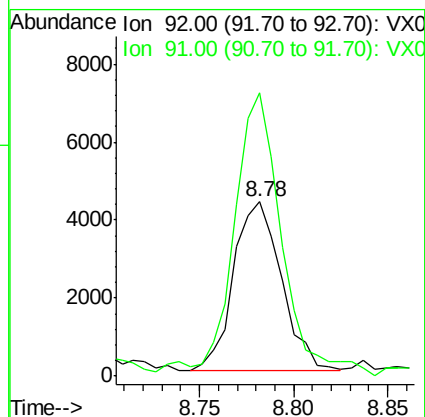
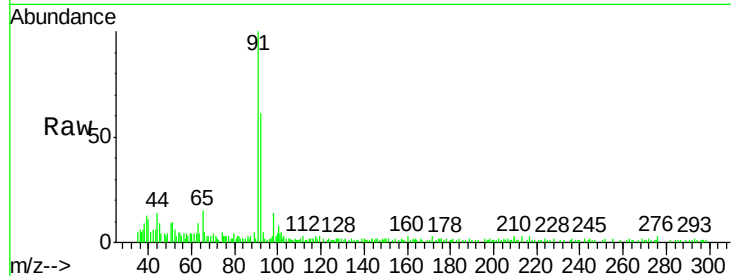
RE132D5-20191209

Tot Ion: 92 Resp: 7670

Ion Ratio Lower Upper

92 100

91 168.5 136.2 204.2



#62

4-Bromofluorobenzene

Concen: 44.494 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX013984.D

Acq: 12 Dec 2019 18:42

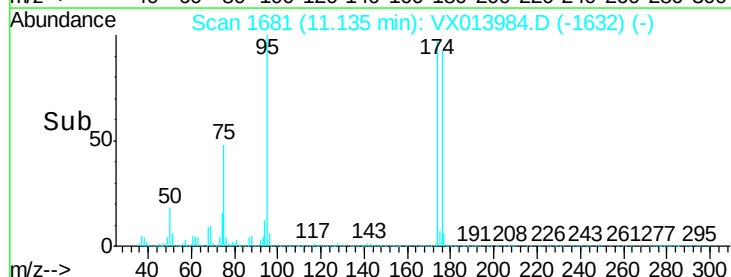
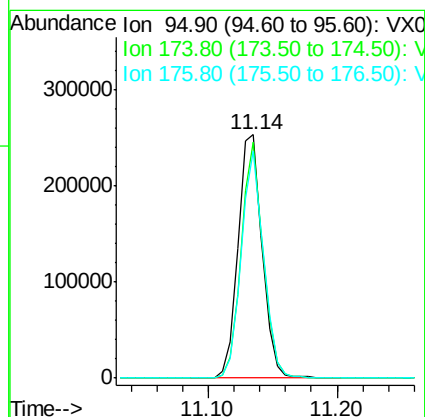
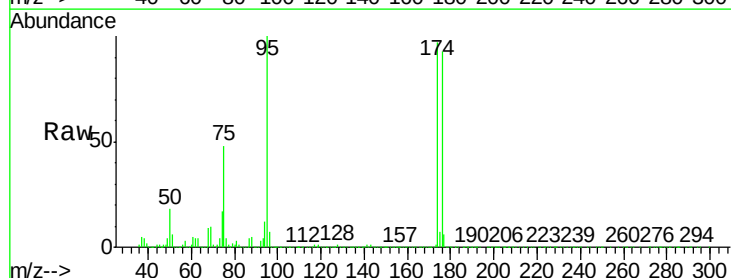
Tgt Ion: 95 Resp: 329005

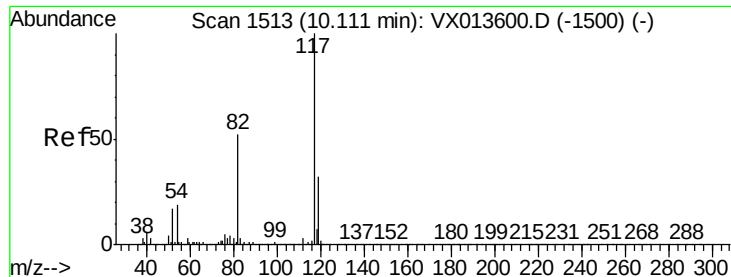
Ion Ratio Lower Upper

95 100

174 88.6 0.0 180.0

176 86.6 0.0 173.6

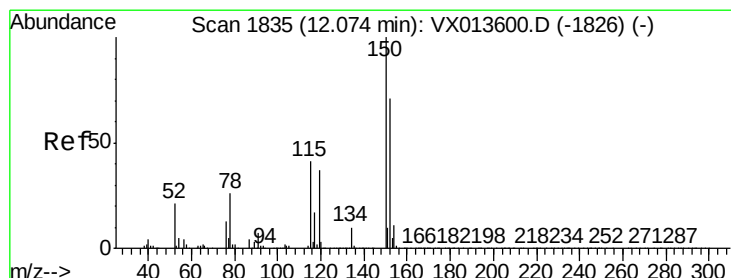
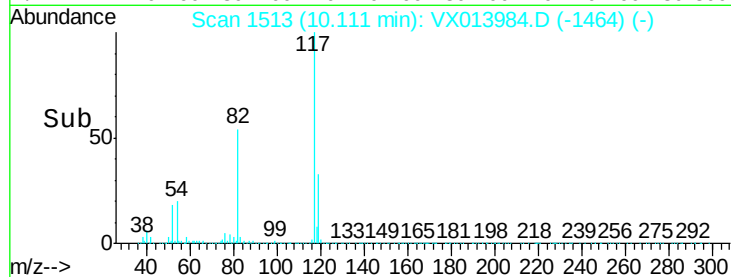
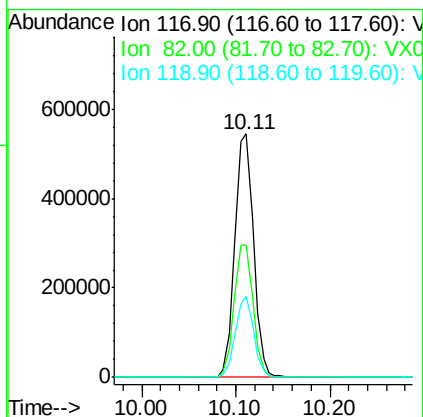
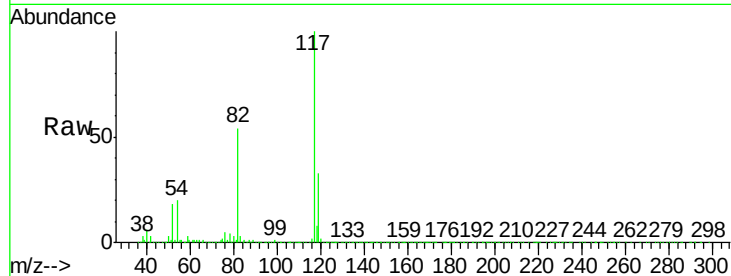




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013984.D
Acq: 12 Dec 2019 18:42

Instrument :
MSVOA_X
ClientSampleId :
RE132D5-20191209

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.1	41.8	62.8
119	33.3	25.8	38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX013984.D
Acq: 12 Dec 2019 18:42

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.4	38.4	115.1
150	157.1	0.0	346.8

