

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121219\
 Data File : VX013983.D
 Acq On : 12 Dec 2019 18:19
 Operator : JC/SP
 Sample : K6252-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D4-20191209

Quant Time: Dec 13 04:22:44 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

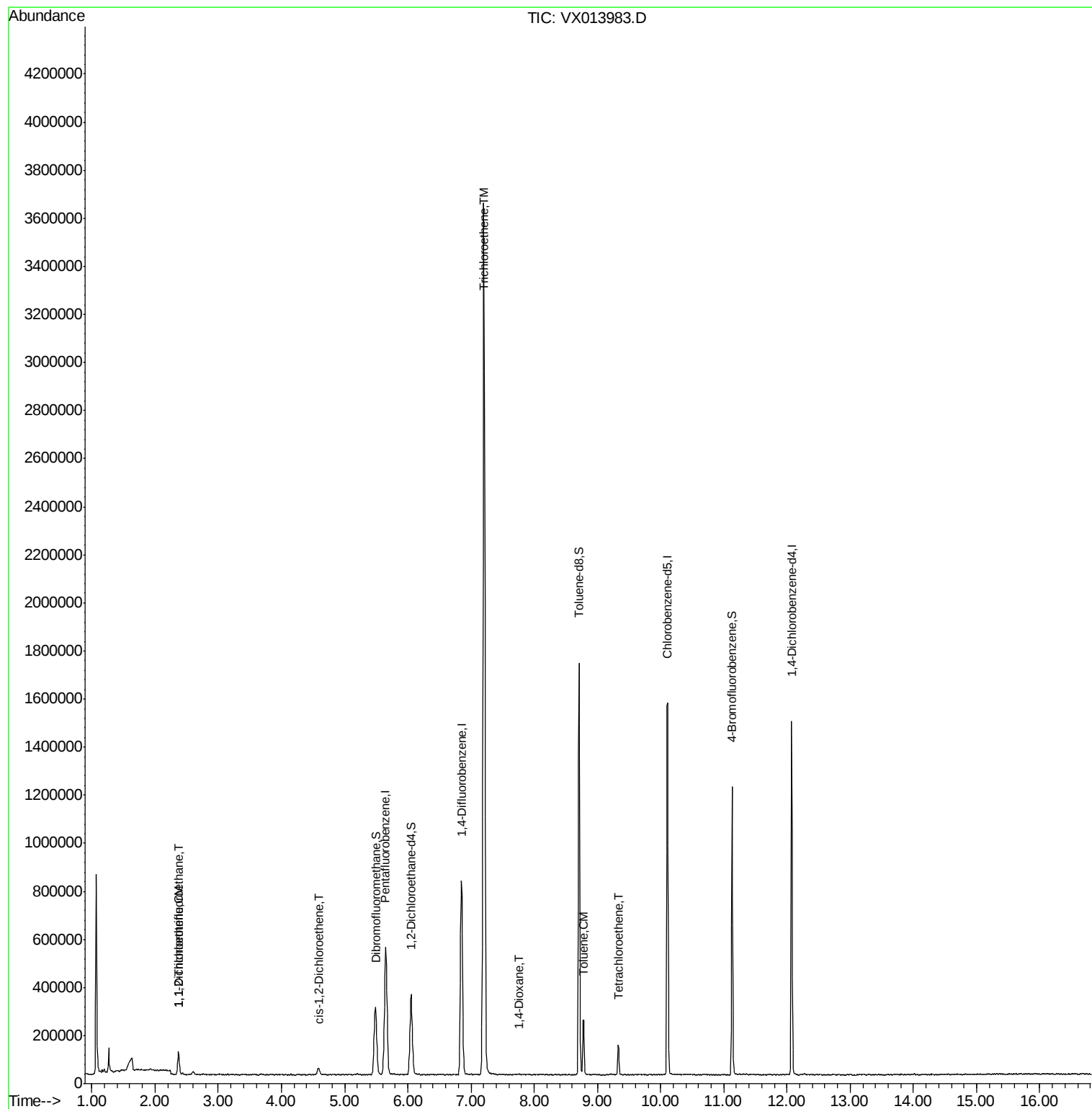
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	551660	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	840022	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	742686	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	308070	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	305619	47.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.46%	
35) Dibromofluoromethane	5.49	113	248027	47.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.52%	
50) Toluene-d8	8.71	98	996819	49.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.54%	
62) 4-Bromofluorobenzene	11.14	95	315031	43.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.36%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	2.37	101	35049	6.664	ug/l	99
12) 1,1-Dichloroethene	2.37	96	7928	1.510	ug/l	83
27) cis-1,2-Dichloroethene	4.59	96	17296	2.633	ug/l	92
44) Trichloroethene	7.21	130	1461423	229.286	ug/l	96
49) 1,4-Dioxane	7.75	88	3588	23.425	ug/l #	87
52) Toluene	8.78	92	89915	6.232	ug/l	100
64) Tetrachloroethene	9.33	164	24338	4.394	ug/l	92

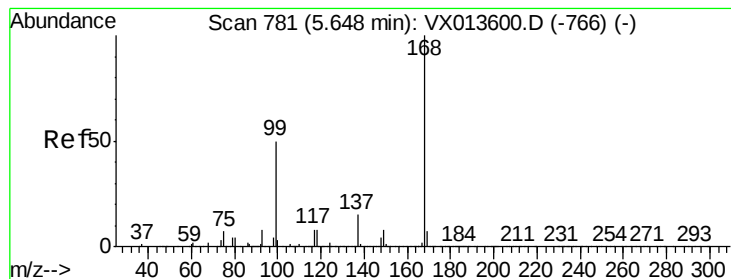
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX121219\
Data File : VX013983.D
Acq On : 12 Dec 2019 18:19
Operator : JC/SP
Sample : K6252-02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RE132D4-20191209

Quant Time: Dec 13 04:22:44 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: VX013983.D

Acq: 12 Dec 2019 18:19

Instrument :

MSVOA_X

ClientSampleId :

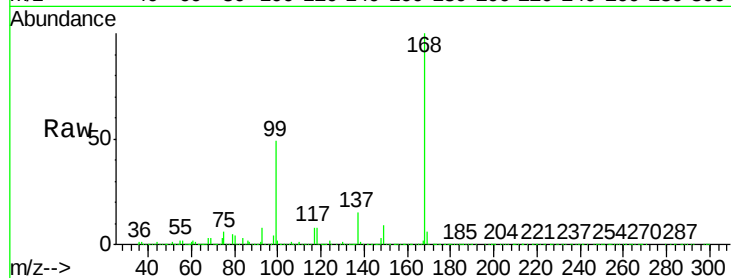
RE132D4-20191209

Tot Ion:168 Resp: 551660

Ion Ratio Lower Upper

168 100

99 48.5 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

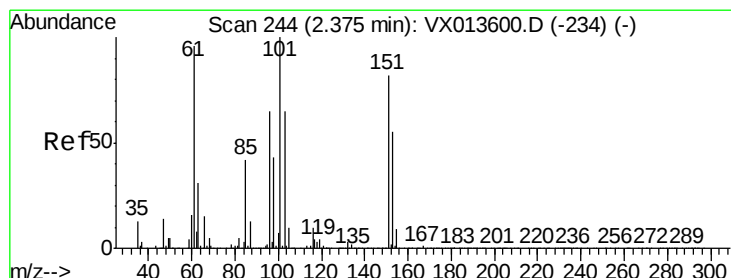
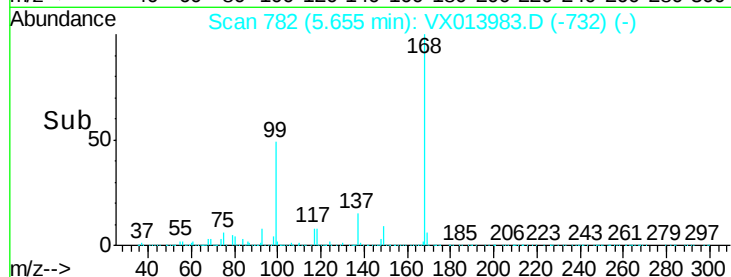
150000

100000

50000

0

Time-->



#9

1,1,2-Trichlorotrifluoroethane

Concen: 6.664 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.01 min

Lab File: VX013983.D

Acq: 12 Dec 2019 18:19

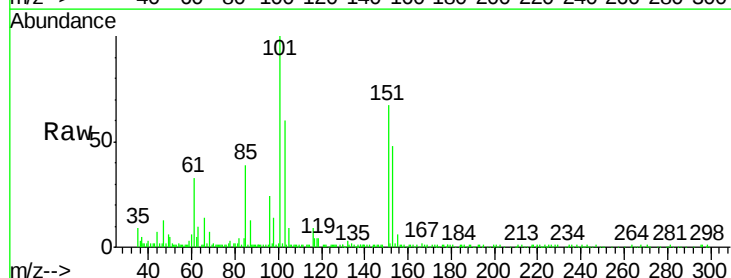
Tgt Ion:101 Resp: 35049

Ion Ratio Lower Upper

101 100

85 43.1 33.9 50.9

151 80.8 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

25000

20000

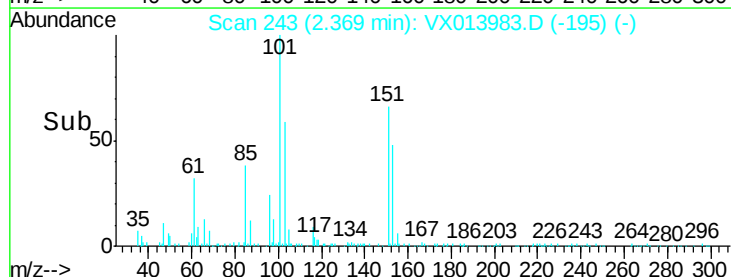
15000

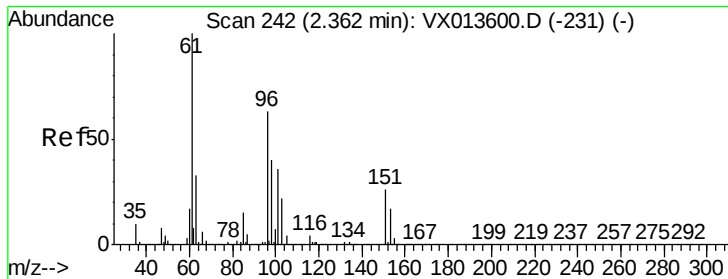
10000

5000

0

Time-->





#12

1,1-Dichloroethene

Concen: 1.510 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.01 min

Lab File: VX013983.D

Acq: 12 Dec 2019 18:19

Instrument :

MSVOA_X

ClientSampleId :

RE132D4-20191209

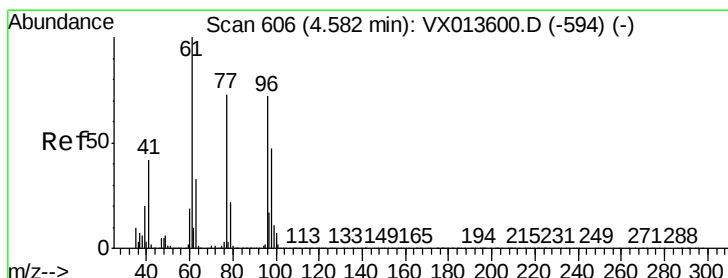
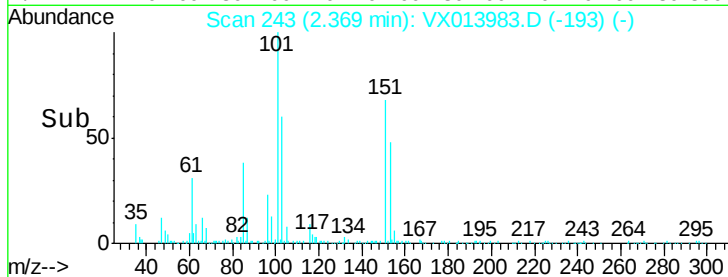
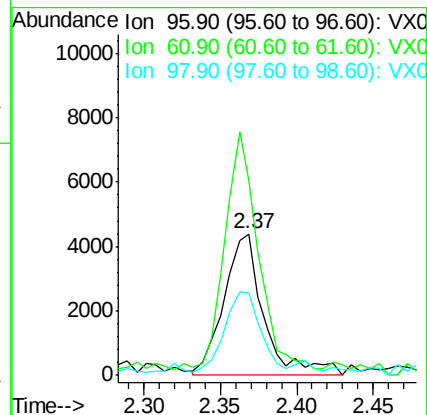
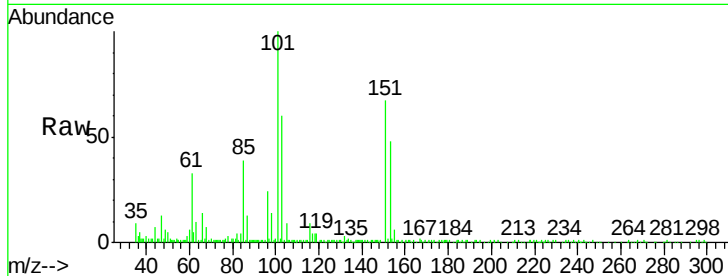
Tot Ion: 96 Resp: 7928

Ion Ratio Lower Upper

96 100

61 132.3 126.6 190.0

98 56.7 50.6 76.0



#27

cis-1,2-Dichloroethene

Concen: 2.633 ug/l

RT: 4.59 min Scan# 607

Delta R.T. 0.01 min

Lab File: VX013983.D

Acq: 12 Dec 2019 18:19

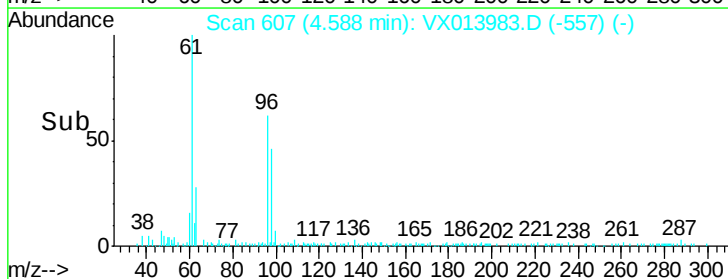
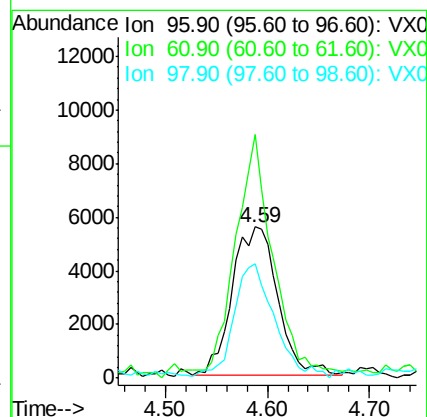
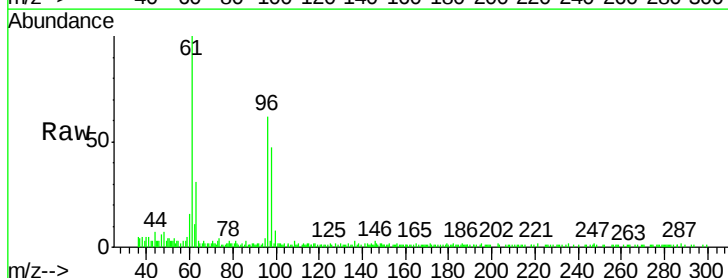
Tgt Ion: 96 Resp: 17296

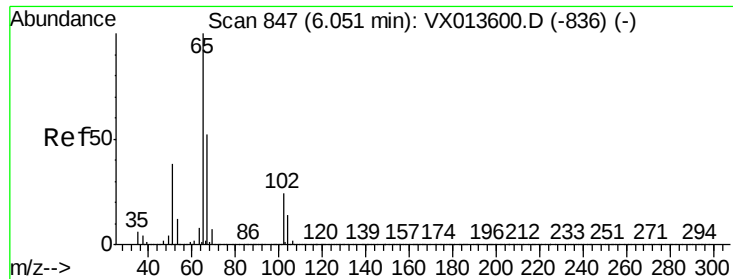
Ion Ratio Lower Upper

96 100

61 129.7 0.0 286.4

98 64.0 0.0 127.4





#33

1,2-Dichloroethane-d4

Concen: 47.727 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX013983.D

Acq: 12 Dec 2019 18:19

Instrument :

MSVOA_X

ClientSampleId :

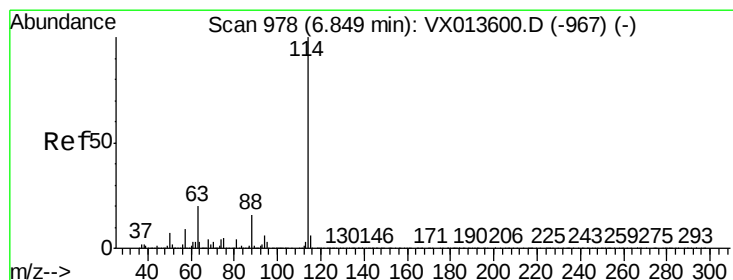
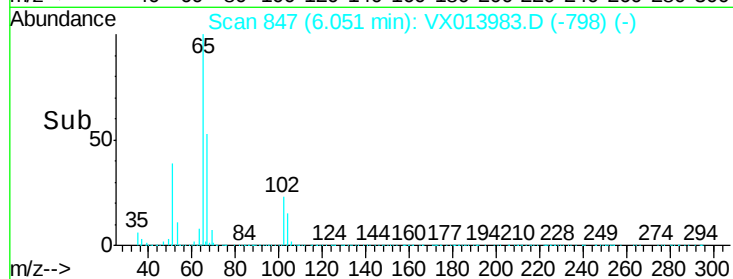
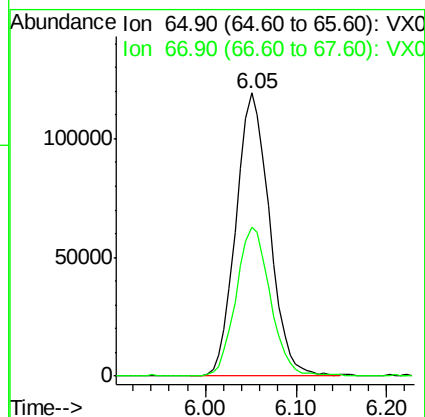
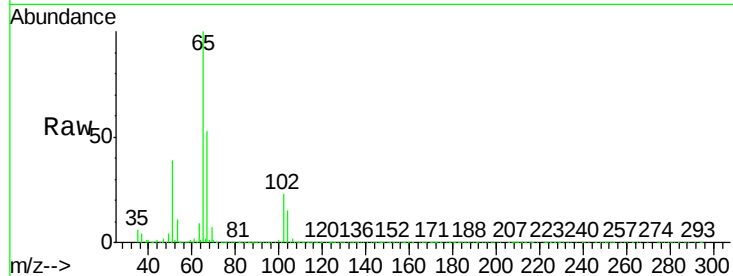
RE132D4-20191209

Tot Ion: 65 Resp: 305619

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: VX013983.D

Acq: 12 Dec 2019 18:19

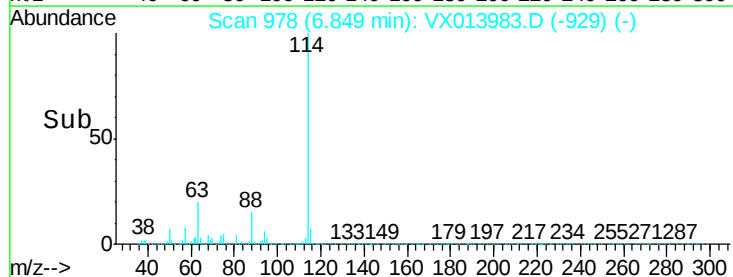
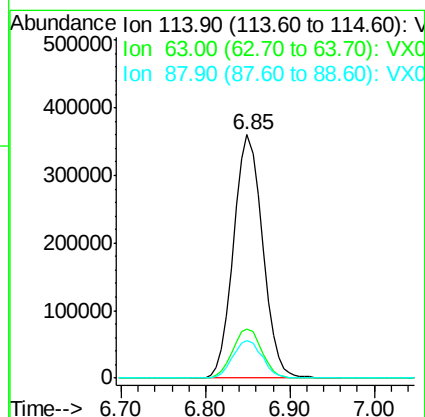
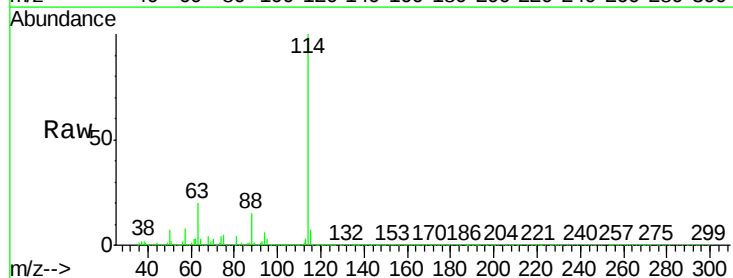
Tgt Ion: 114 Resp: 840022

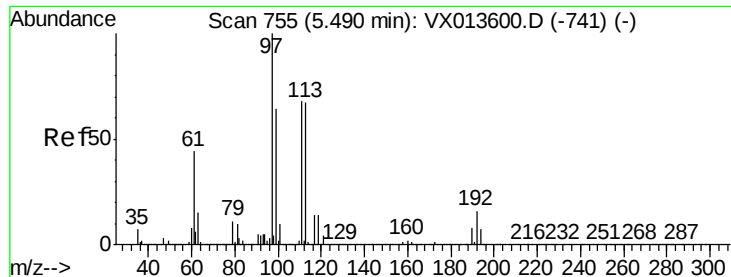
Ion Ratio Lower Upper

114 100

63 20.0 0.0 39.6

88 15.2 0.0 31.4

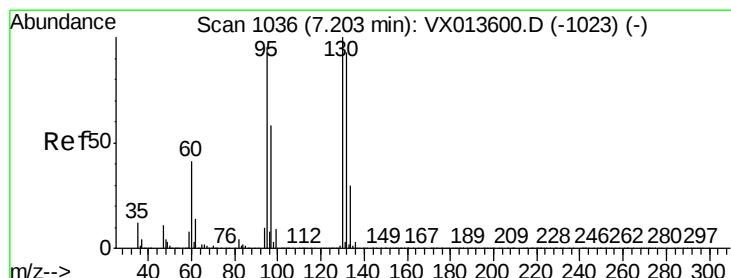
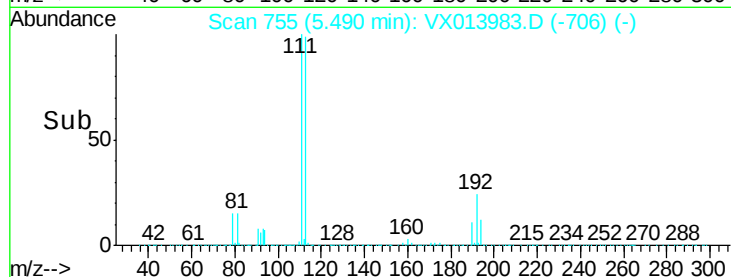
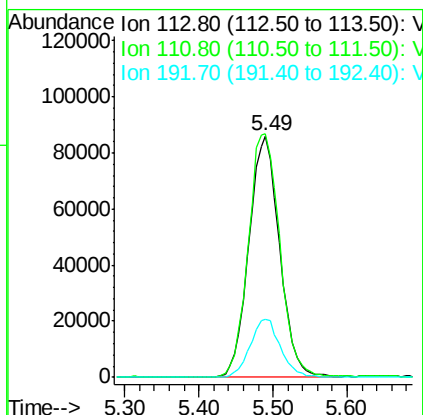
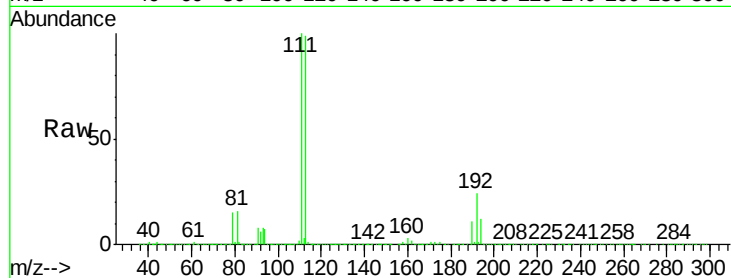




#35
Dibromofluoromethane
Concen: 47.761 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX013983.D
Acq: 12 Dec 2019 18:19

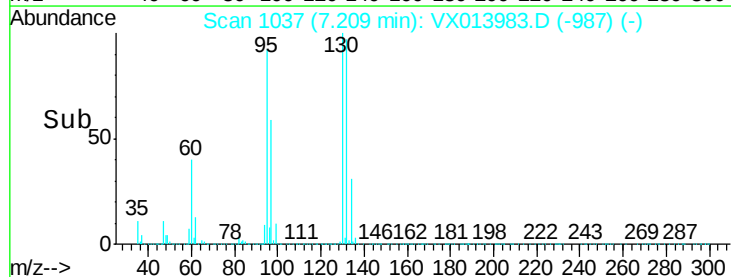
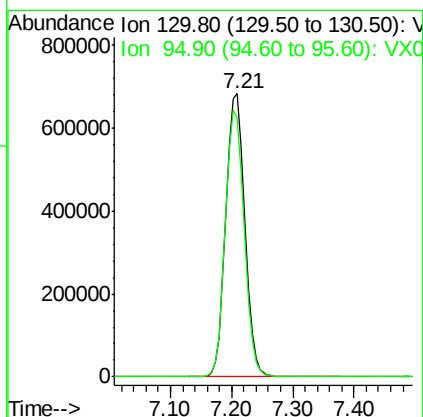
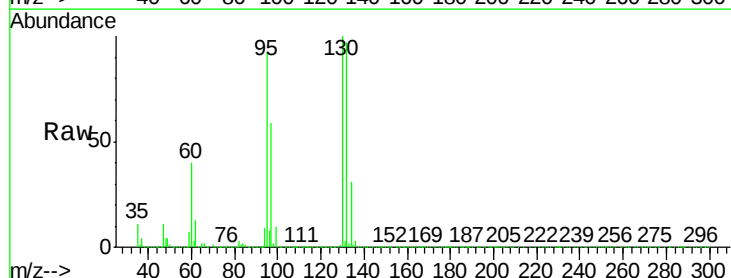
Instrument :
MSVOA_X
ClientSampleId :
RE132D4-20191209

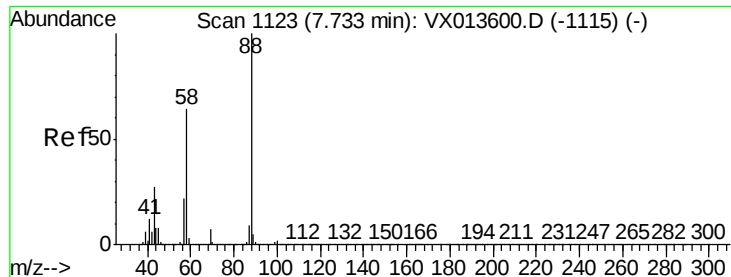
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.5	83.6	125.4
192	24.0	19.2	28.8



#44
Trichloroethene
Concen: 229.286 ug/l
RT: 7.21 min Scan# 1037
Delta R.T. 0.01 min
Lab File: VX013983.D
Acq: 12 Dec 2019 18:19

Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.6	0.0	190.8





#49

1,4-Dioxane

Concen: 23.425 ug/l

RT: 7.75 min Scan# 1125

Delta R.T. 0.01 min

Lab File: VX013983.D

Acq: 12 Dec 2019 18:19

Instrument :

MSVOA_X

ClientSampleId :

RE132D4-20191209

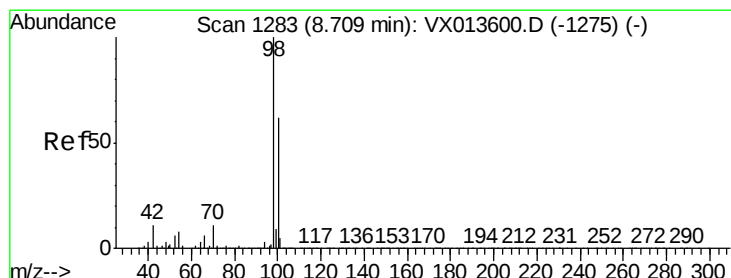
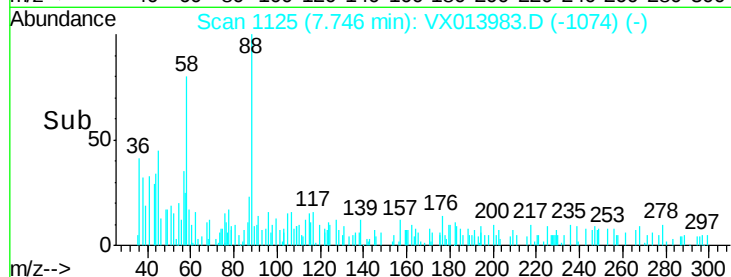
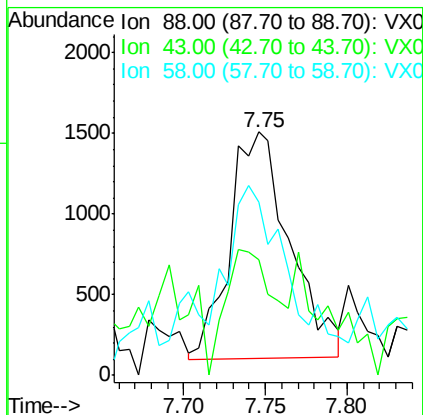
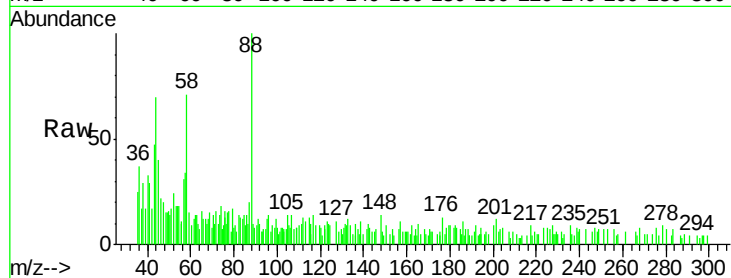
Tot Ion: 88 Resp: 3588

Ion Ratio Lower Upper

88 100

43 45.8 25.8 38.6#

58 61.7 54.6 82.0



#50

Toluene-d8

Concen: 49.267 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX013983.D

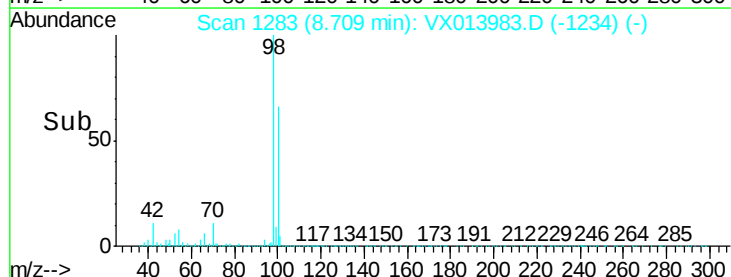
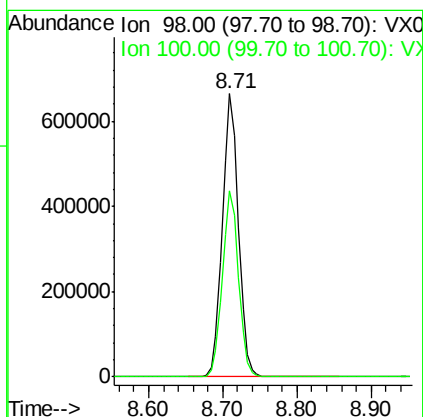
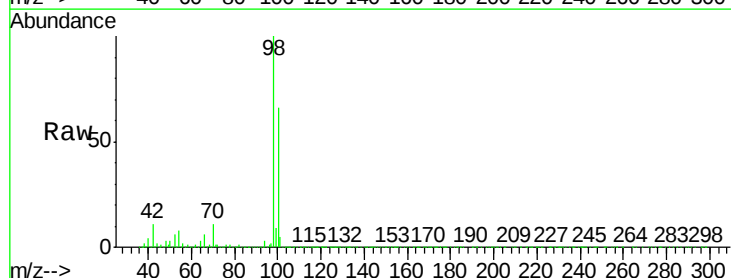
Acq: 12 Dec 2019 18:19

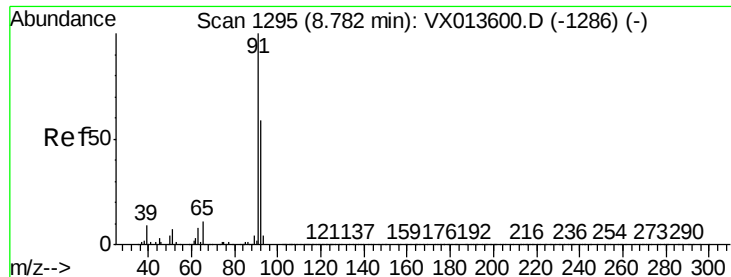
Tgt Ion: 98 Resp: 996819

Ion Ratio Lower Upper

98 100

100 65.9 53.1 79.7





#52

Toluene

Concen: 6.232 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX013983.D

Acq: 12 Dec 2019 18:19

Instrument :

MSVOA_X

ClientSampleId :

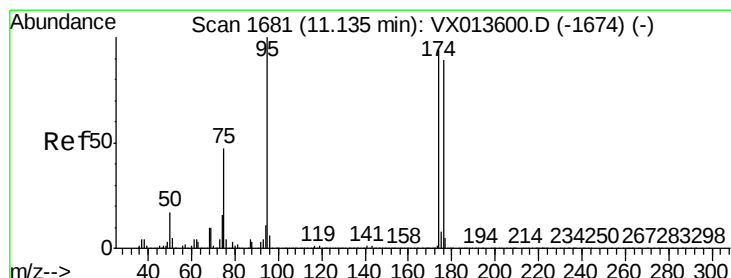
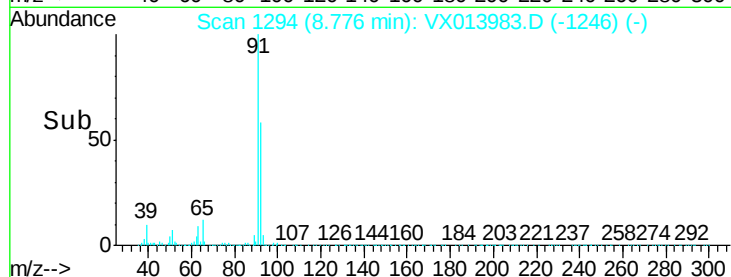
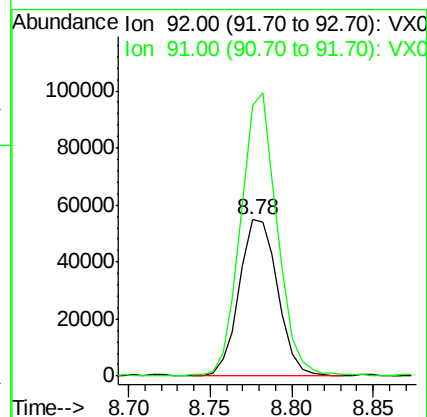
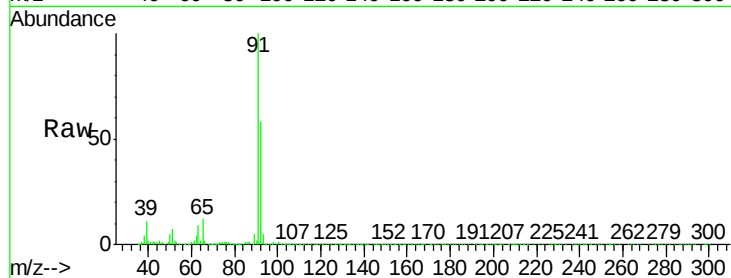
RE132D4-20191209

Tot Ion: 92 Resp: 89915

Ion Ratio Lower Upper

92 100

91 170.8 136.2 204.2



#62

4-Bromofluorobenzene

Concen: 43.178 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX013983.D

Acq: 12 Dec 2019 18:19

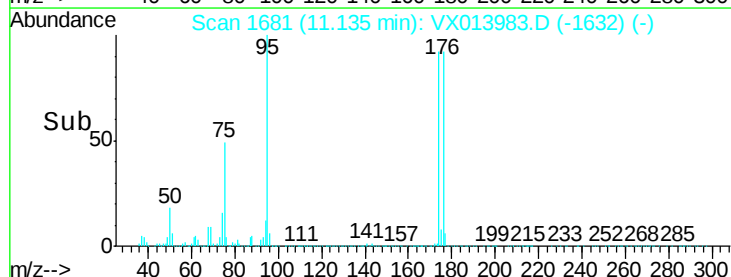
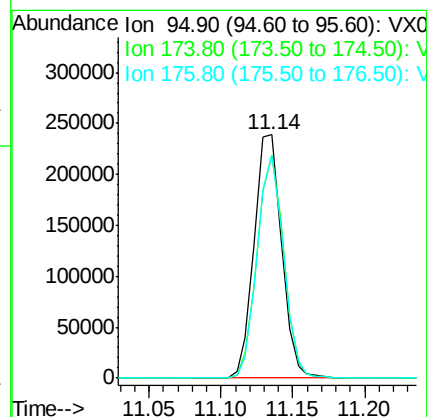
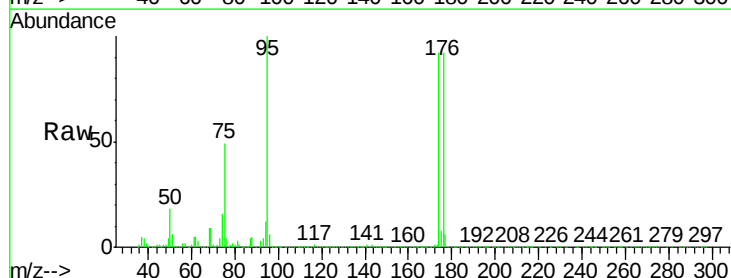
Tgt Ion: 95 Resp: 315031

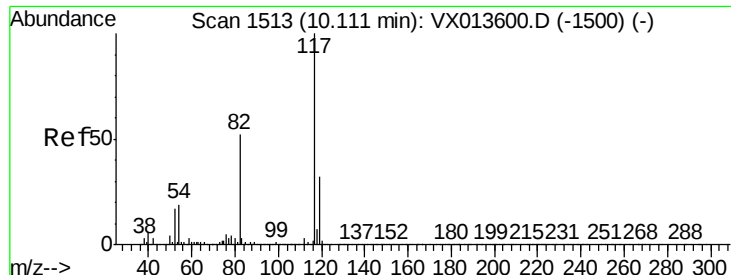
Ion Ratio Lower Upper

95 100

174 88.5 0.0 180.0

176 87.7 0.0 173.6

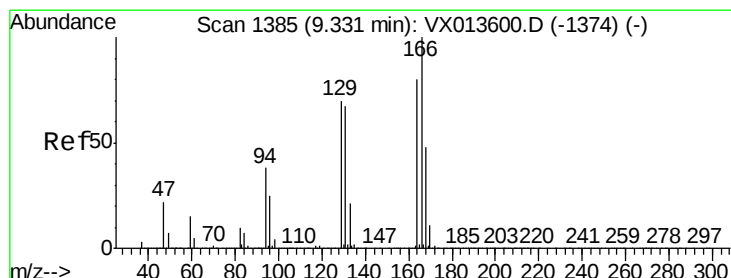
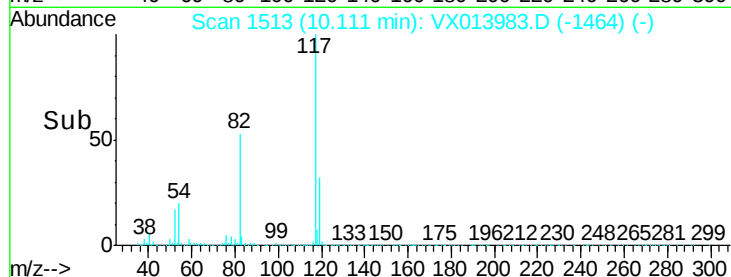
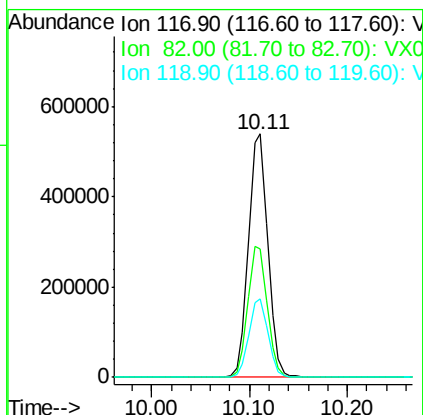
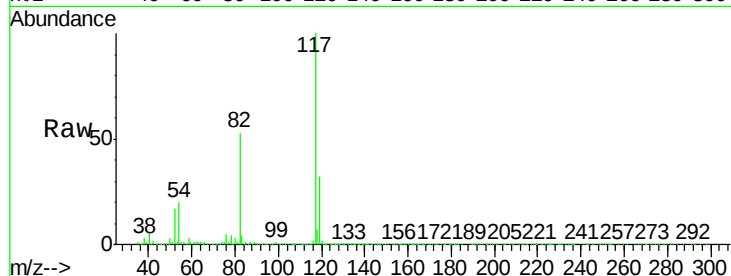




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013983.D
Acq: 12 Dec 2019 18:19

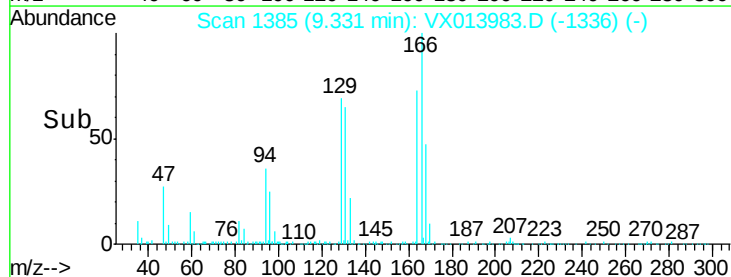
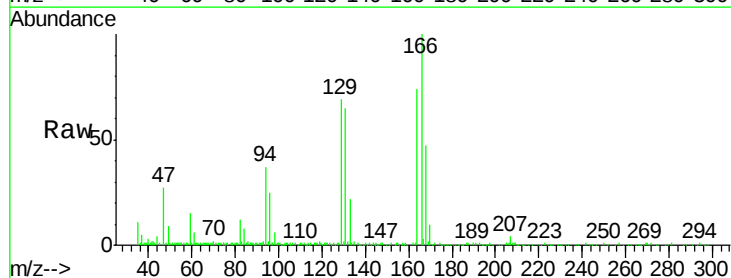
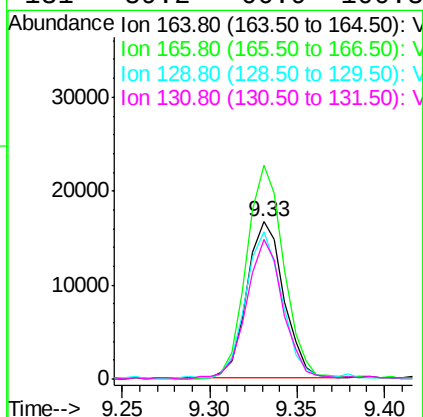
Instrument :
MSVOA_X
ClientSampleId :
RE132D4-20191209

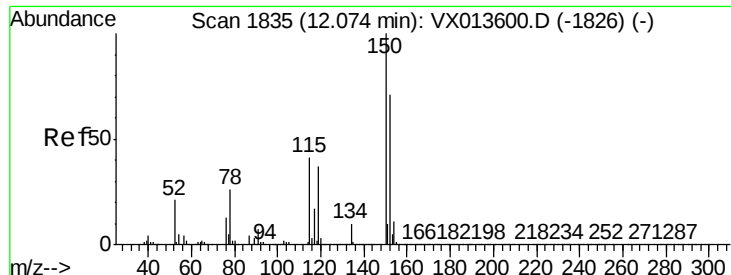
Tot Ion	Ratio	Lower	Upper
117	100		
82	52.5	41.8	62.8
119	32.4	25.8	38.8



#64
Tetrachloroethene
Concen: 4.394 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013983.D
Acq: 12 Dec 2019 18:19

Tgt Ion	Ratio	Lower	Upper
164	100		
166	137.0	99.7	149.5
129	93.0	70.1	105.1
131	89.2	66.9	100.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX013983.D

Acq: 12 Dec 2019 18:19

Instrument :

MSVOA_X

ClientSampleId :

RE132D4-20191209

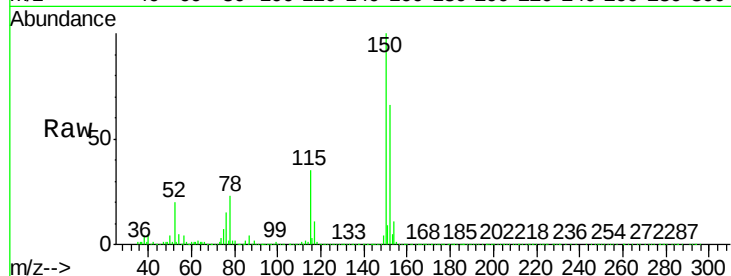
Tot Ion:152 Resp: 308070

Ion Ratio Lower Upper

152 100

115 54.5 38.4 115.1

150 156.0 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

