

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121219\
 Data File : VX013986.D
 Acq On : 12 Dec 2019 19:29
 Operator : JC/SP
 Sample : K6252-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE120D1-20191210

Quant Time: Dec 13 04:30:55 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

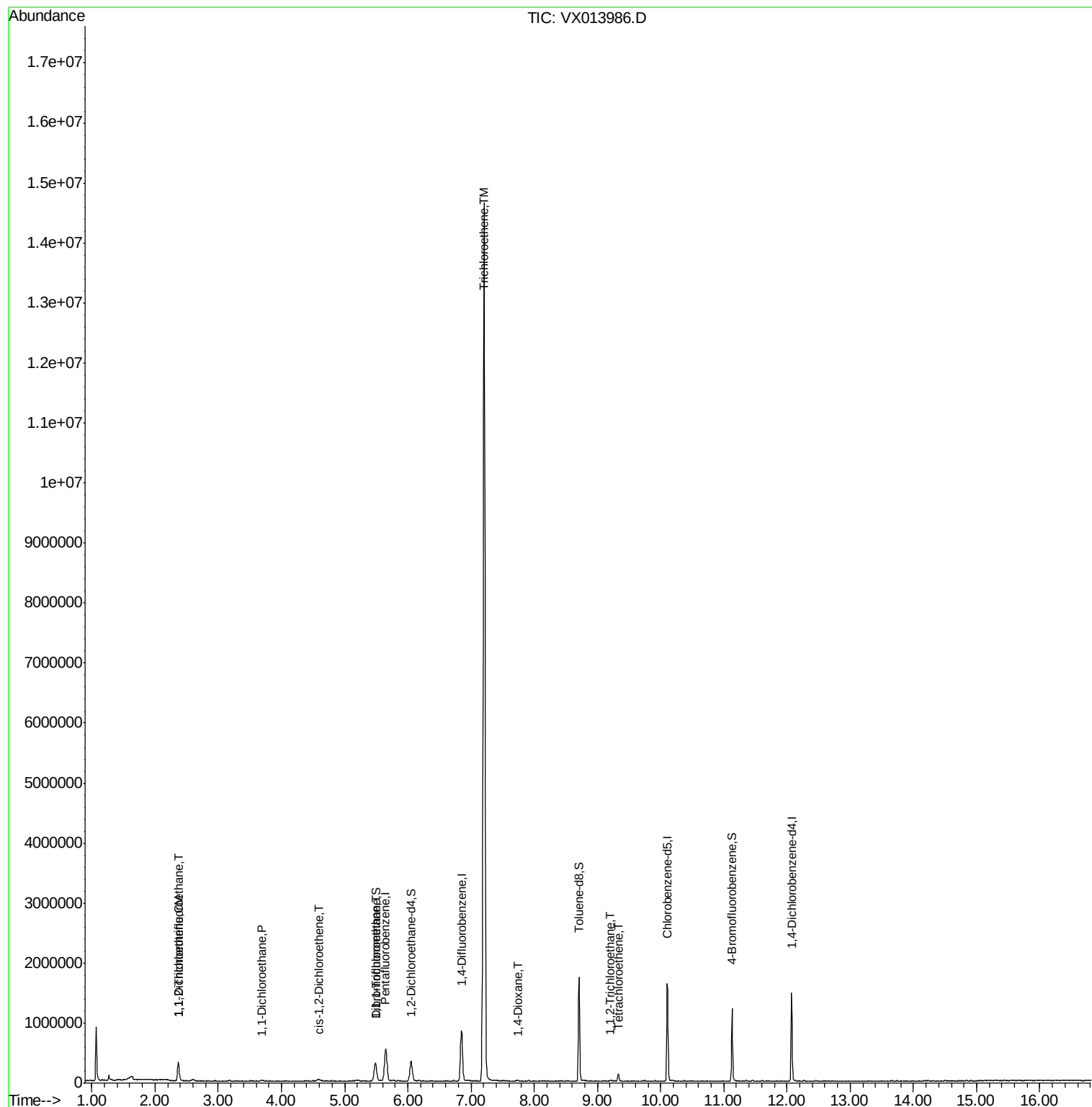
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	559076	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	860365	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	753809	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	311916	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	311875	48.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.12%	
35) Dibromofluoromethane	5.49	113	253973	47.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.50%	
50) Toluene-d8	8.71	98	1008551	48.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.34%	
62) 4-Bromofluorobenzene	11.13	95	326167	43.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.30%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	2.37	101	86720	16.269	ug/l	96
12) 1,1-Dichloroethene	2.36	96	49441	9.292	ug/l	95
24) 1,1-Dichloroethane	3.69	63	12987	1.278	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	21723	3.264	ug/l	88
32) 1,1,1-Trichloroethane	5.49	97	5552	0.645	ug/l #	33
44) Trichloroethene	7.21	130	5682497	870.462	ug/l	98
49) 1,4-Dioxane	7.75	88	3555	22.661	ug/l #	46
55) 1,1,2-Trichloroethane	9.21	97	4724	0.793	ug/l #	87
64) Tetrachloroethene	9.33	164	24053	4.279	ug/l	93

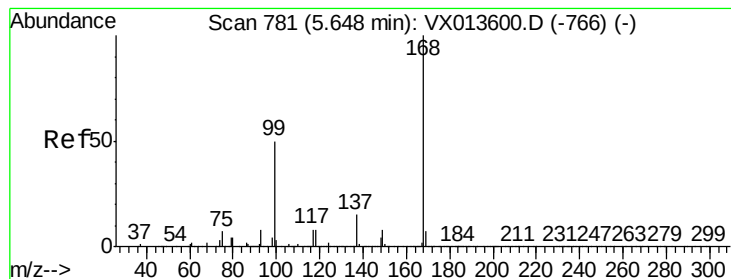
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 781

Delta R.T. 0.00 min

Lab File: VX013986.D

Acq: 12 Dec 2019 19:29

Instrument :

MSVOA_X

ClientSampleId :

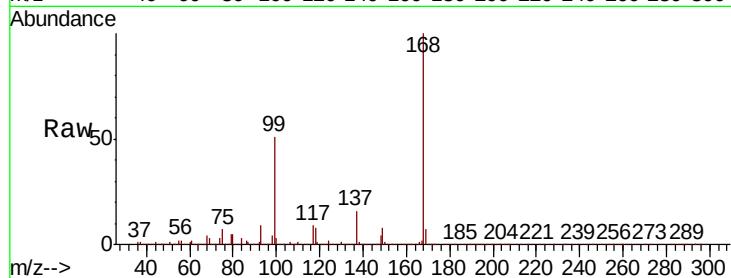
RE120D1-20191210

Tot Ion:168 Resp: 559076

Ion Ratio Lower Upper

168 100

99 50.6 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

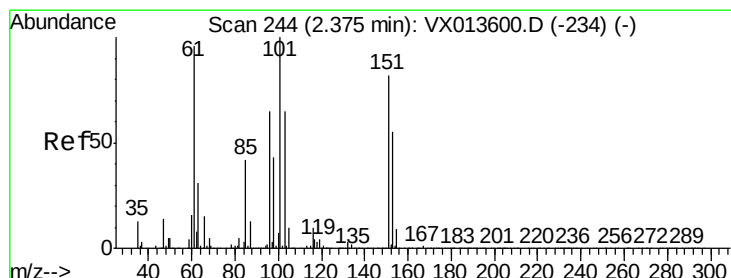
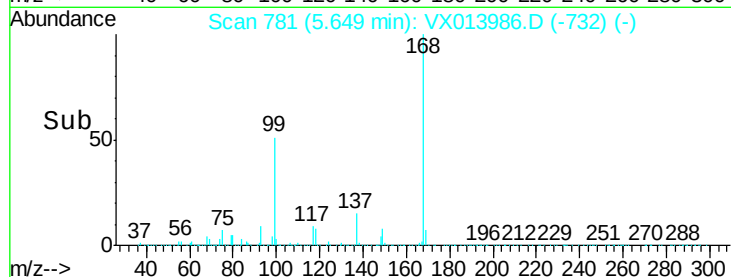
150000

100000

50000

0

Time-->



#9

1,1,2-Trichlorotrifluoroethane

Concen: 16.269 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX013986.D

Acq: 12 Dec 2019 19:29

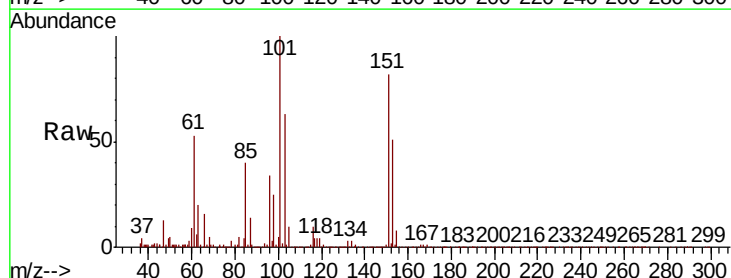
Tgt Ion:101 Resp: 86720

Ion Ratio Lower Upper

101 100

85 44.0 33.9 50.9

151 83.8 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

2.37

60000

50000

40000

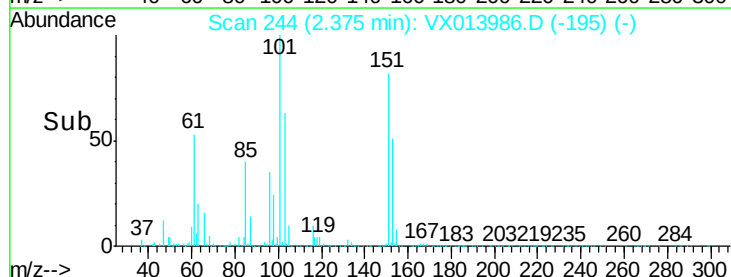
30000

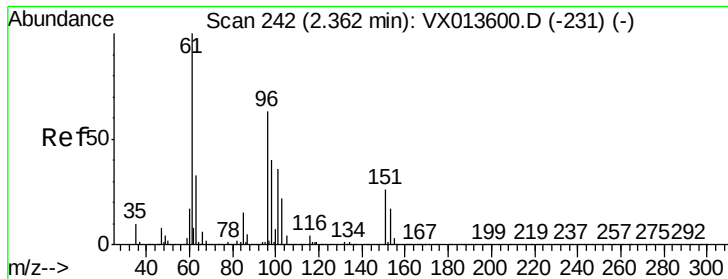
20000

10000

0

Time-->





#12

1,1-Dichloroethene

Concen: 9.292 ug/l

RT: 2.36 min Scan# 242

Delta R.T. 0.00 min

Lab File: VX013986.D

Acq: 12 Dec 2019 19:29

Instrument :

MSVOA_X

ClientSampleId :

RE120D1-20191210

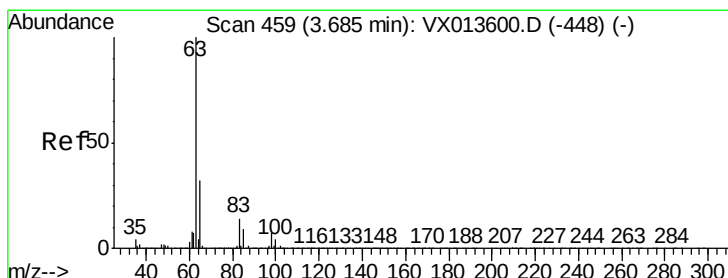
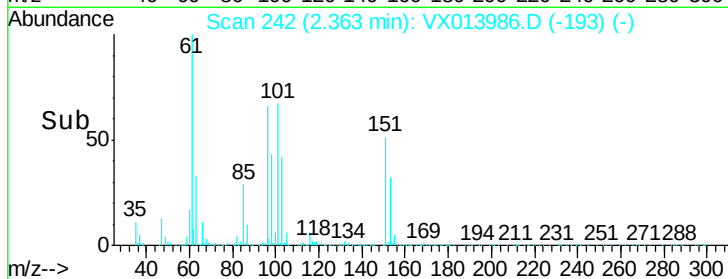
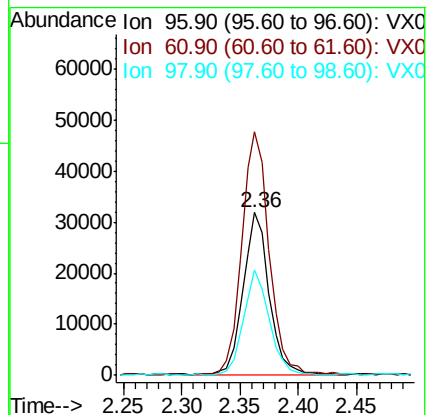
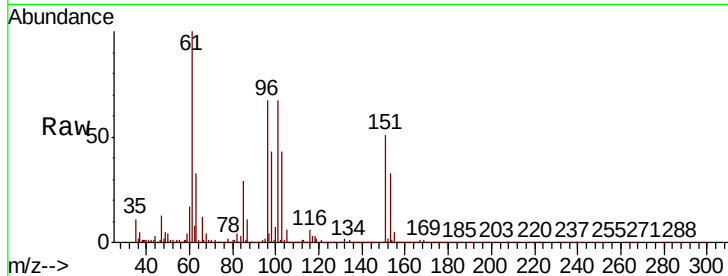
Tot Ion: 96 Resp: 49441

Ion Ratio Lower Upper

96 100

61 149.6 126.6 190.0

98 64.8 50.6 76.0



#24

1,1-Dichloroethane

Concen: 1.278 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX013986.D

Acq: 12 Dec 2019 19:29

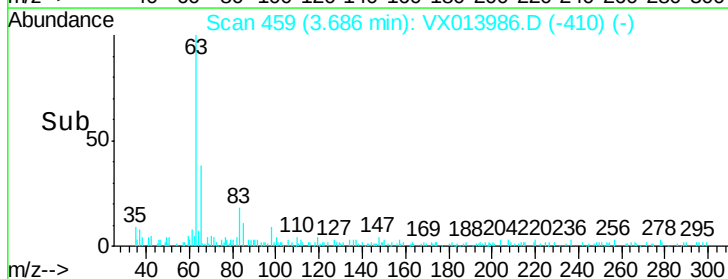
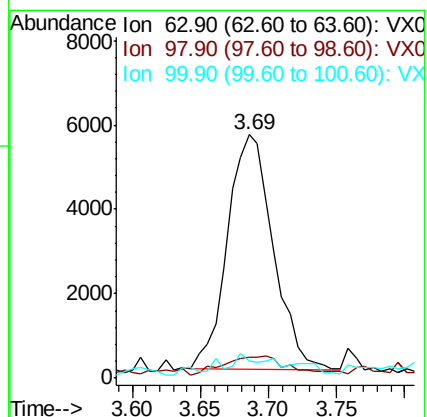
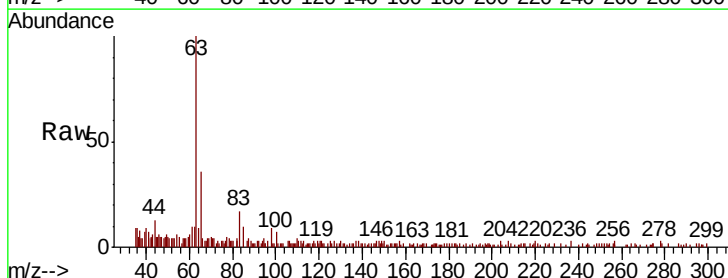
Tgt Ion: 63 Resp: 12987

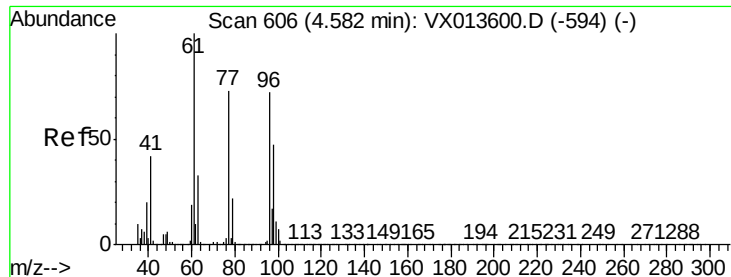
Ion Ratio Lower Upper

63 100

98 7.6 3.5 10.4

100 5.2 2.1 6.3



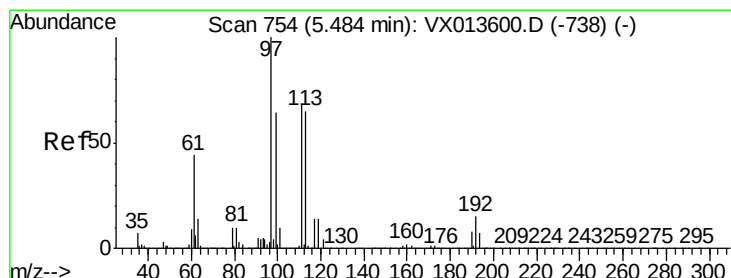
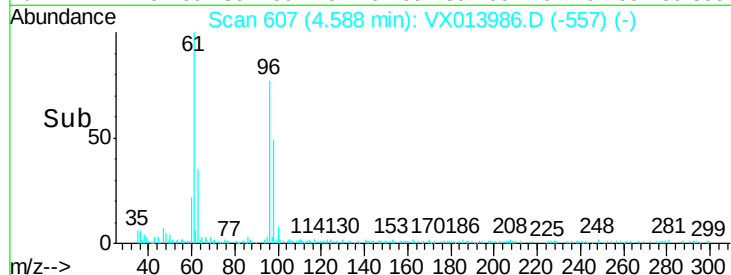
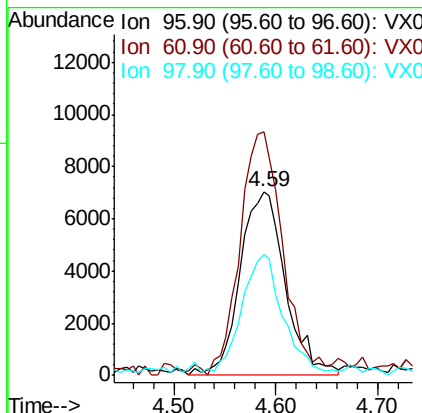
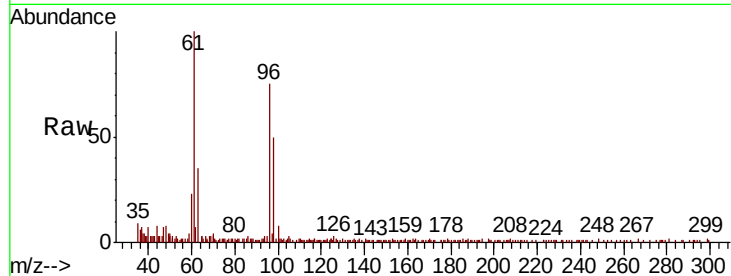


#27

cis-1,2-Dichloroethene
Concen: 3.264 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX013986.D
Acq: 12 Dec 2019 19:29

Instrument :
MSVOA_X
ClientSampleId :
RE120D1-20191210

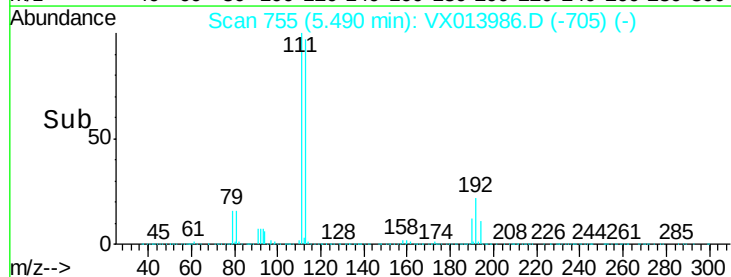
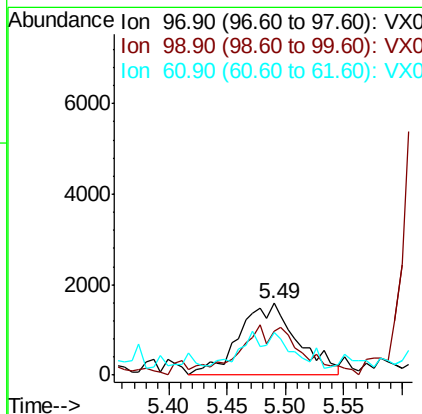
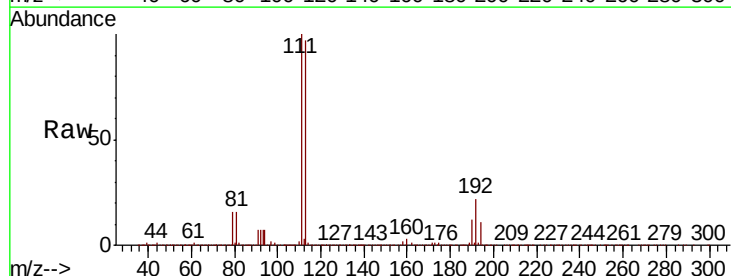
Tot Ion	Ratio	Lower	Upper
96	100		
61	125.4	0.0	286.4
98	57.7	0.0	127.4

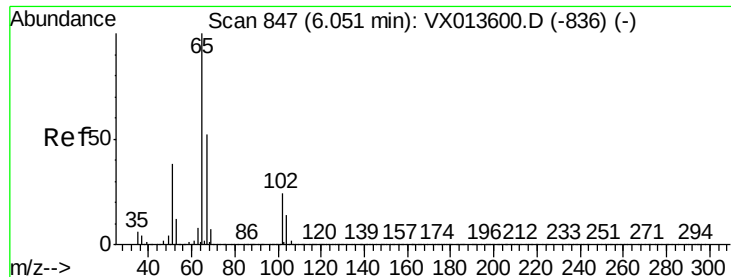


#32

1,1,1-Trichloroethane
Concen: 0.645 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.01 min
Lab File: VX013986.D
Acq: 12 Dec 2019 19:29

Tgt Ion	Ratio	Lower	Upper
97	100		
99	0.0	51.6	77.4#
61	15.6	36.1	54.1#

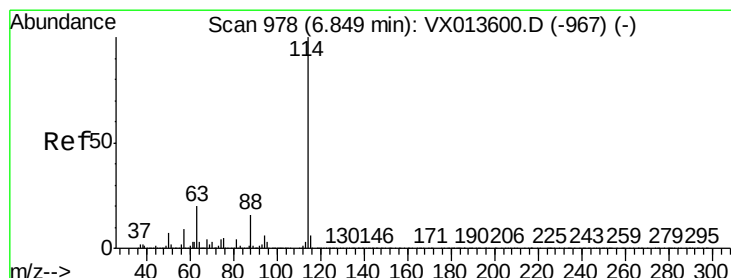
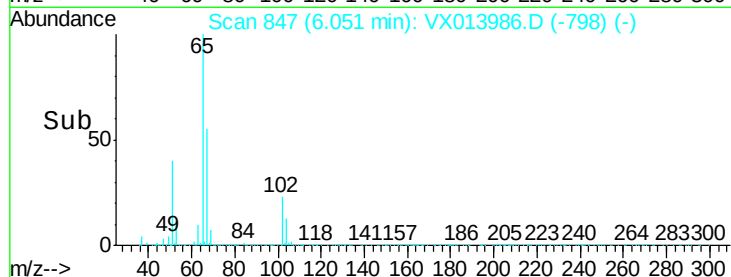
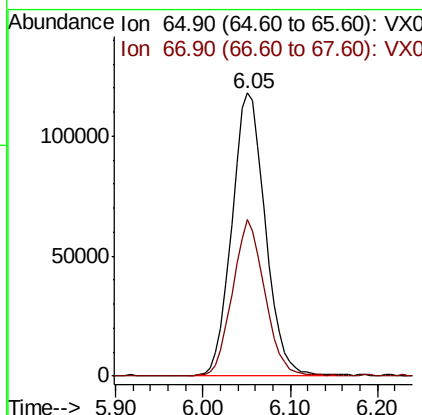
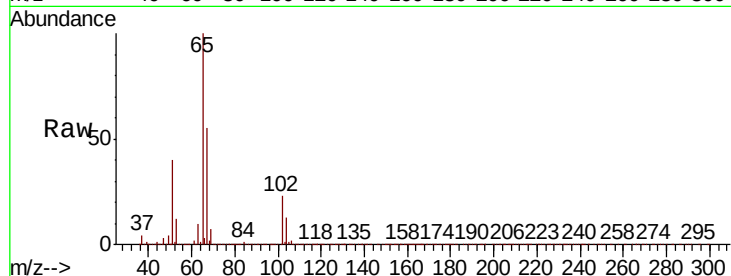




#33
 1,2-Dichloroethane-d4
 Concen: 48.058 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX013986.D
 Acq: 12 Dec 2019 19:29

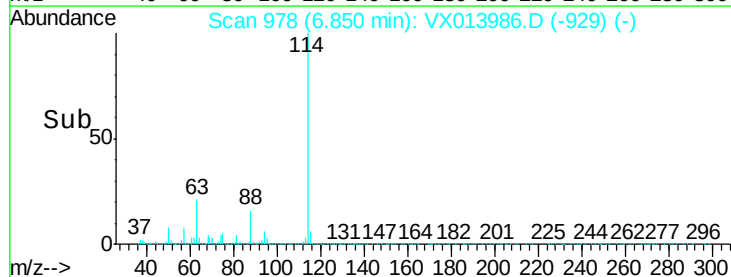
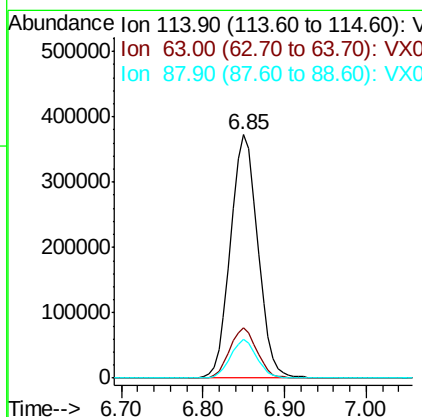
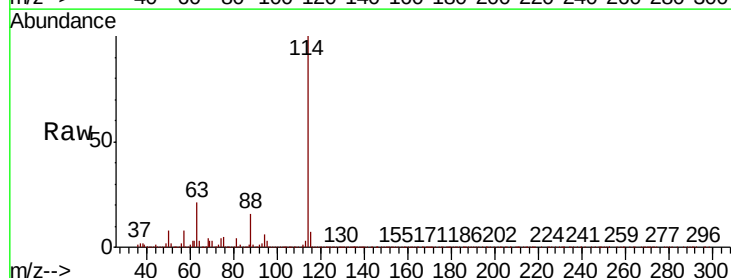
Instrument :
 MSVOA_X
 ClientSampleId :
 RE120D1-20191210

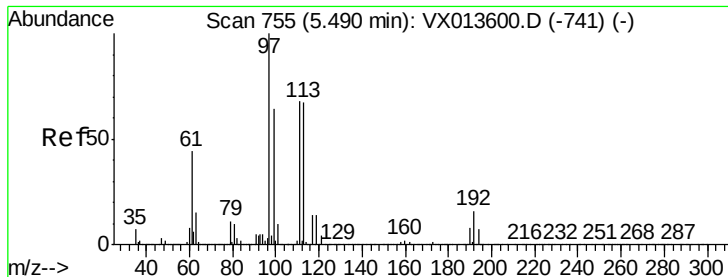
Tot Ion: 65 Resp: 311875
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX013986.D
 Acq: 12 Dec 2019 19:29

Tgt Ion: 114 Resp: 860365
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 39.6
 88 15.8 0.0 31.4





#35

Dibromofluoromethane

Concen: 47.749 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX013986.D

Acq: 12 Dec 2019 19:29

Instrument :

MSVOA_X

ClientSampleId :

RE120D1-20191210

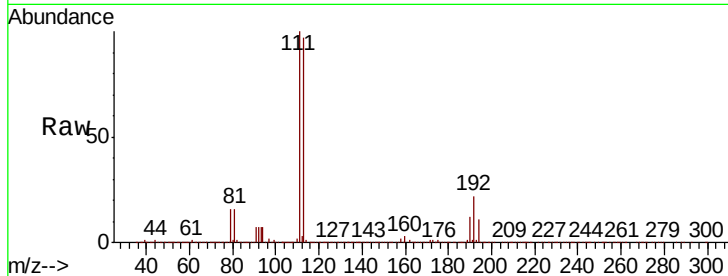
Tot Ion:113 Resp: 253973

Ion Ratio Lower Upper

113 100

111 104.5 83.6 125.4

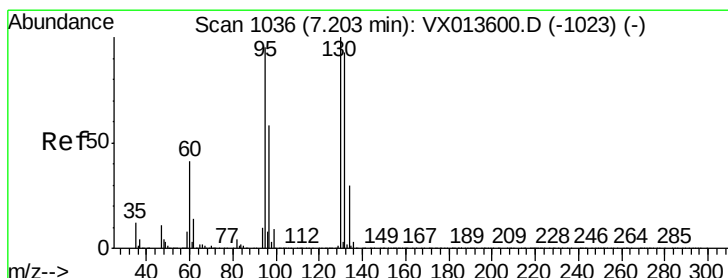
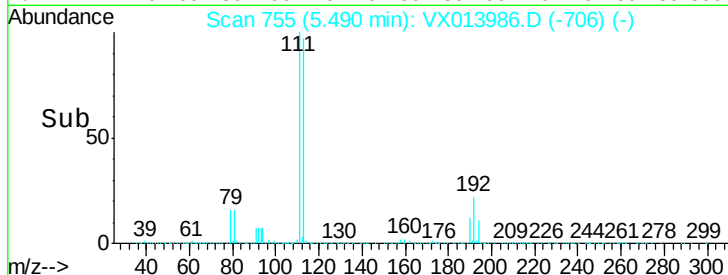
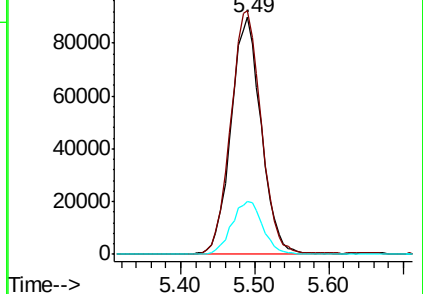
192 22.7 19.2 28.8



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



#44

Trichloroethene

Concen: 870.462 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX013986.D

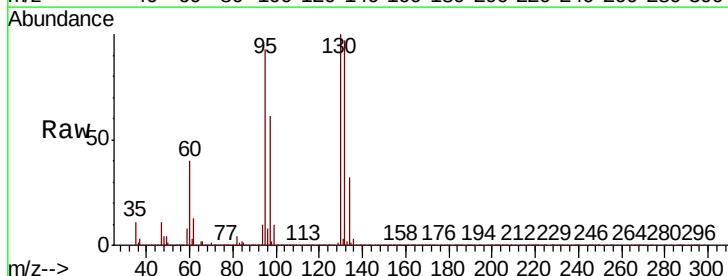
Acq: 12 Dec 2019 19:29

Tgt Ion:130 Resp: 5682497

Ion Ratio Lower Upper

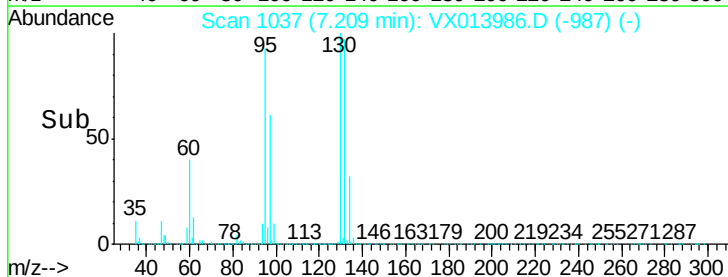
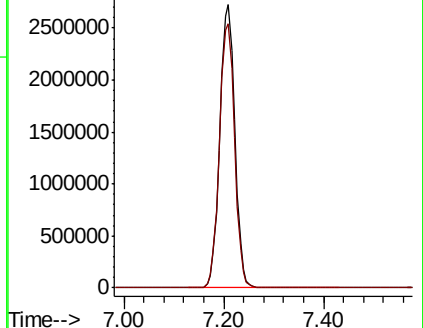
130 100

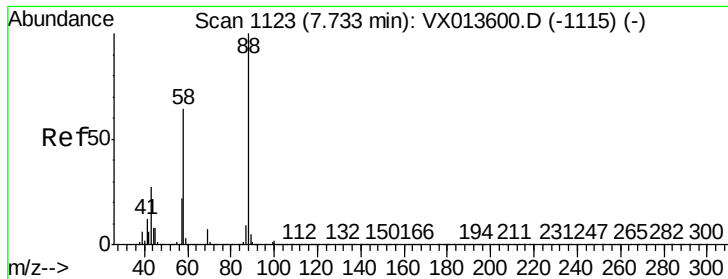
95 93.2 0.0 190.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

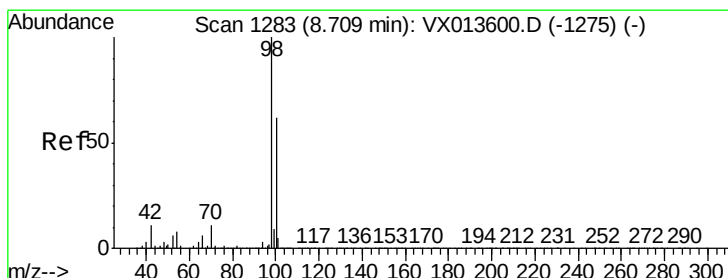
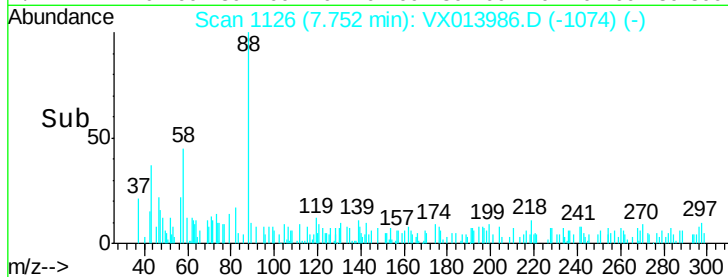
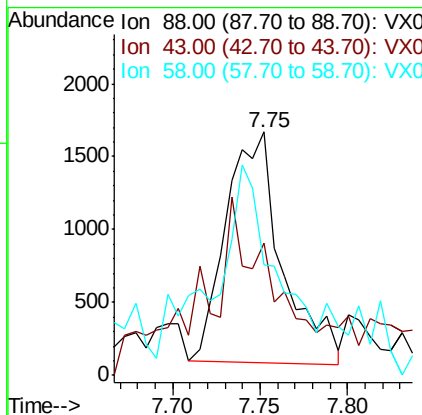
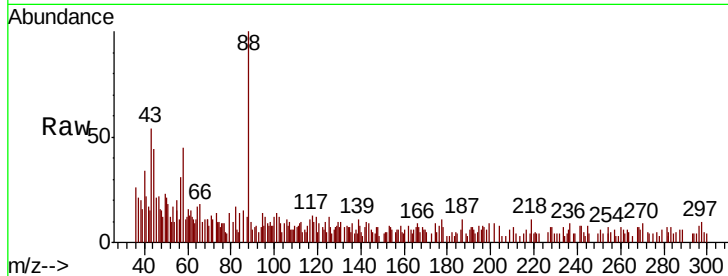




#49
1,4-Dioxane
Concen: 22.661 ug/l
RT: 7.75 min Scan# 1126
Delta R.T. 0.02 min
Lab File: VX013986.D
Acq: 12 Dec 2019 19:29

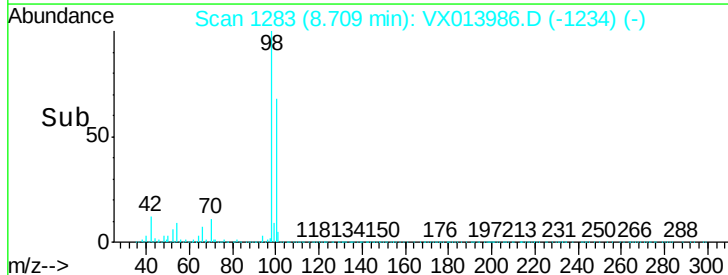
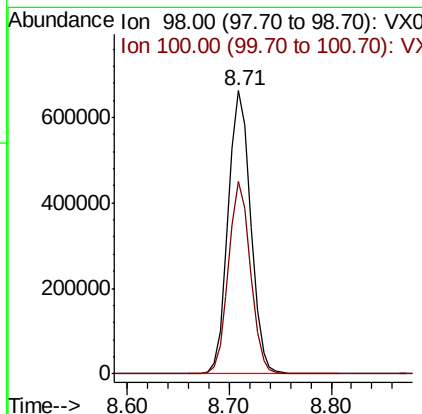
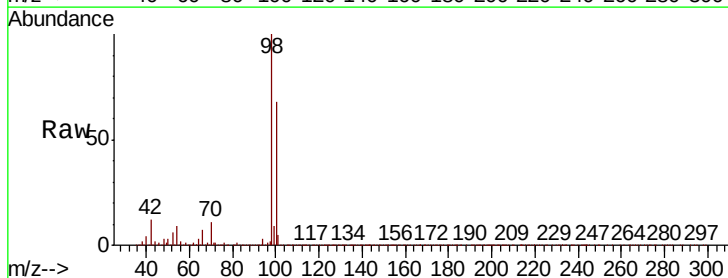
Instrument :
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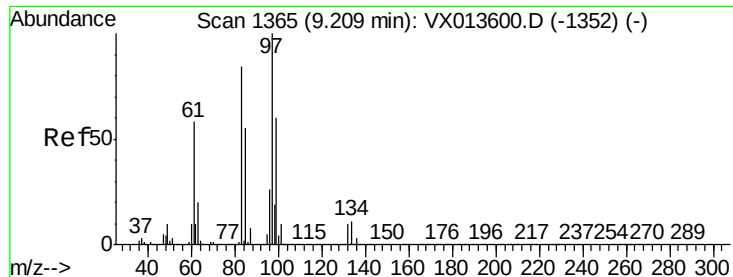
Tot Ion: 88 Resp: 3555
Ion Ratio Lower Upper
88 100
43 98.4 25.8 38.6#
58 87.6 54.6 82.0#



#50
Toluene-d8
Concen: 48.668 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX013986.D
Acq: 12 Dec 2019 19:29

Tgt Ion: 98 Resp: 1008551
Ion Ratio Lower Upper
98 100
100 66.4 53.1 79.7

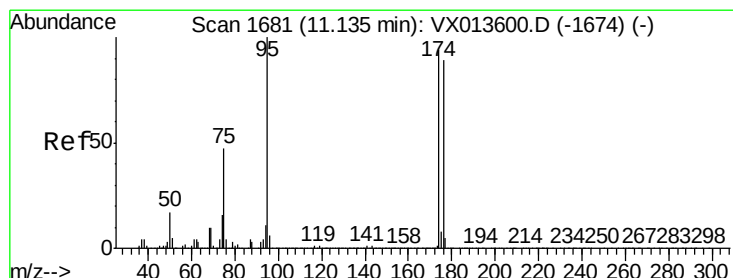
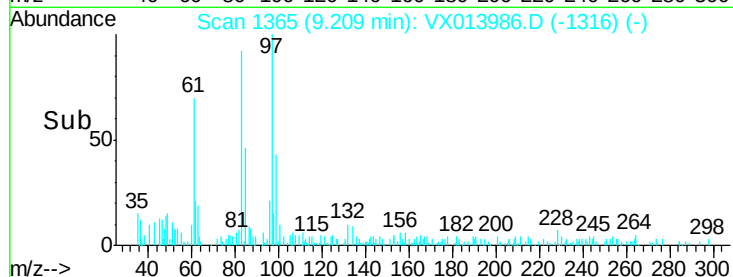
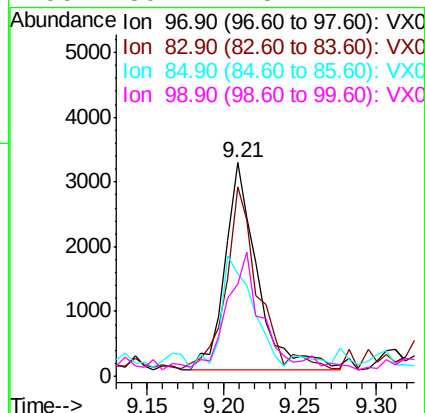
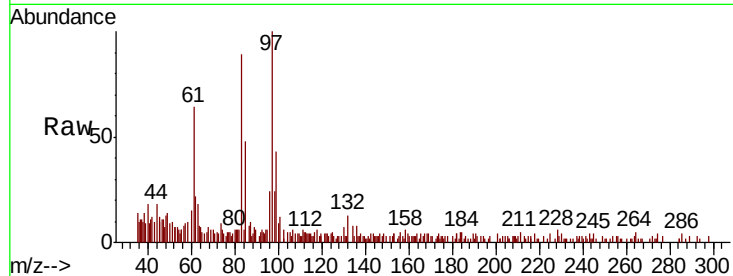




#55
 1,1,2-Trichloroethane
 Concen: 0.793 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX013986.D
 Acq: 12 Dec 2019 19:29

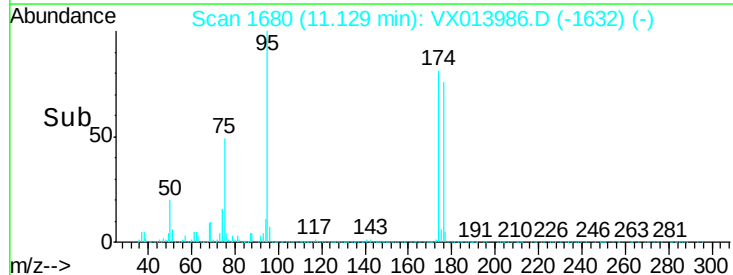
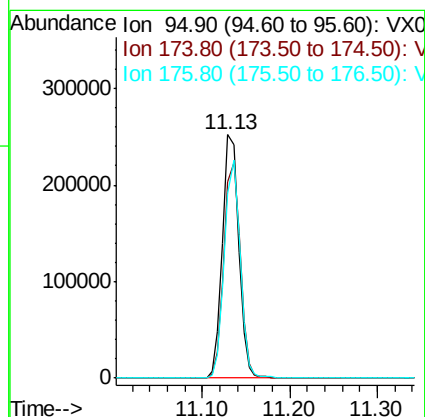
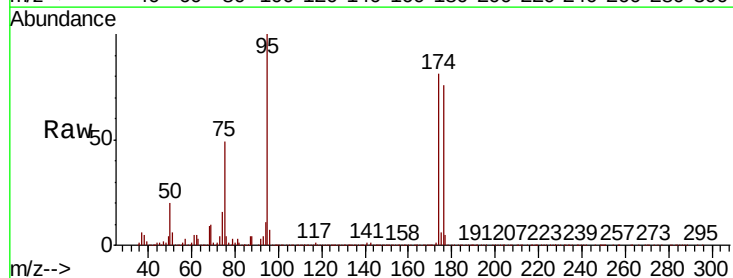
Instrument :
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 ClientSampleId :
 RE120D1-20191210

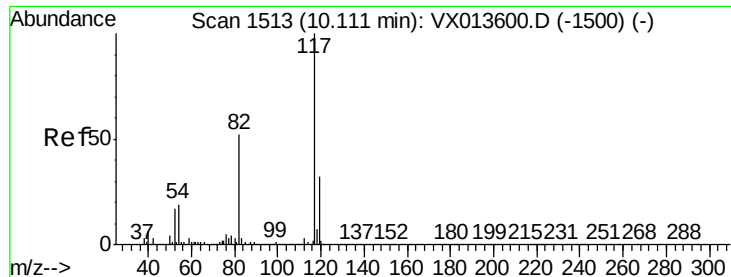
Tot Ion:	97	Resp:	4724
Ion	Ratio	Lower	Upper
97	100		
83	87.2	67.3	100.9
85	45.7	43.6	65.4
99	39.2	48.2	72.4#



#62
 4-Bromofluorobenzene
 Concen: 43.647 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. -0.01 min
 Lab File: VX013986.D
 Acq: 12 Dec 2019 19:29

Tgt Ion:	95	Resp:	326167
Ion	Ratio	Lower	Upper
95	100		
174	89.1	0.0	180.0
176	86.3	0.0	173.6

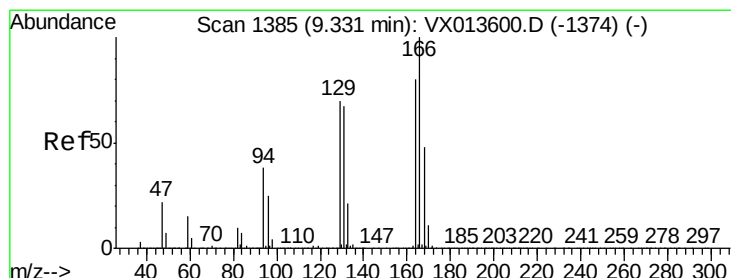
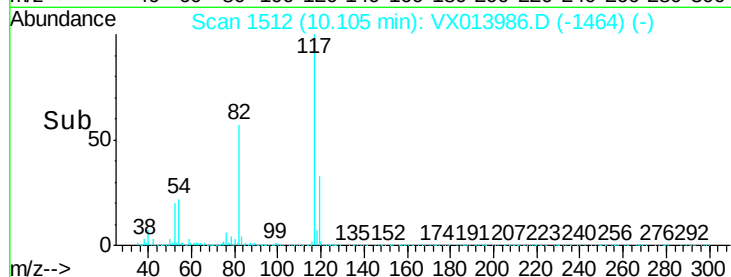
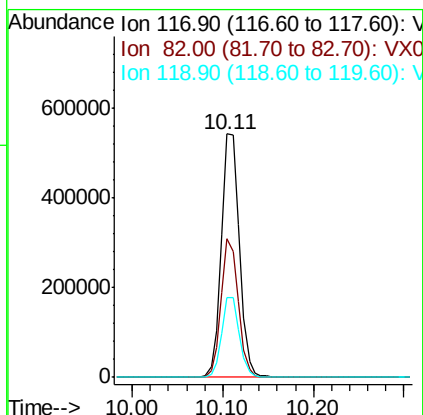
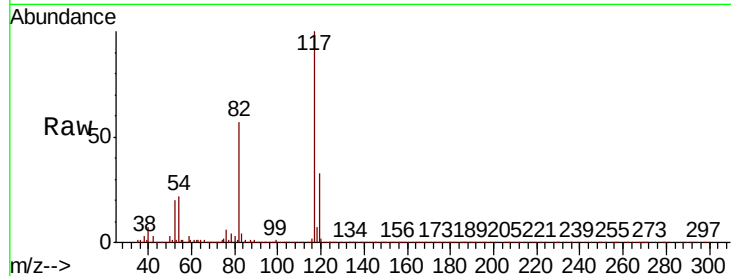




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX013986.D
Acq: 12 Dec 2019 19:29

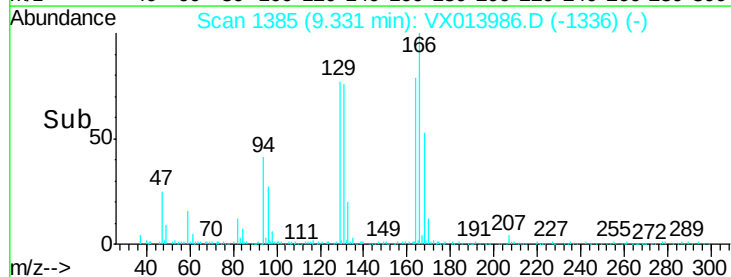
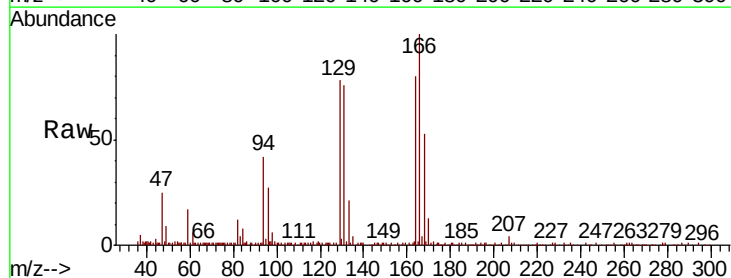
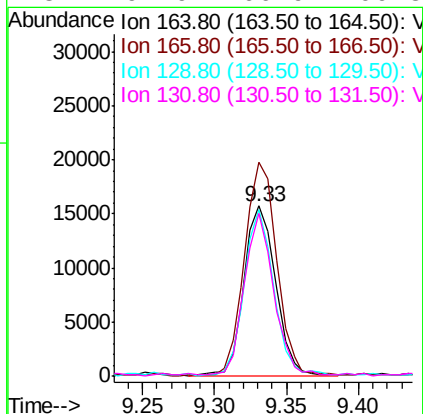
Instrument :
MSVOA_X
ClientSampleId :
RE120D1-20191210

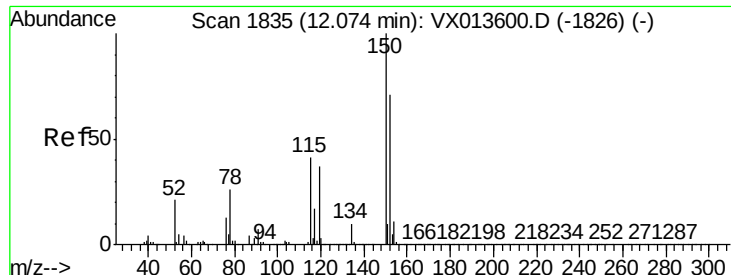
Tot Ion	Ratio	Lower	Upper
117	100		
82	56.7	41.8	62.8
119	32.6	25.8	38.8



#64
Tetrachloroethene
Concen: 4.279 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013986.D
Acq: 12 Dec 2019 19:29

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.0	99.7	149.5
129	96.9	70.1	105.1
131	94.9	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: VX013986.D

Acq: 12 Dec 2019 19:29

Instrument :

MSVOA_X

ClientSampleId :

RE120D1-20191210

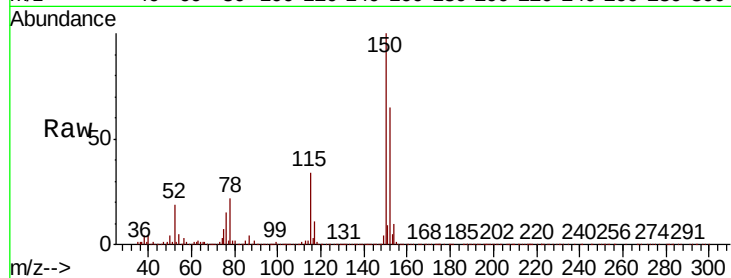
Tot Ion:152 Resp: 311916

Ion Ratio Lower Upper

152 100

115 54.1 38.4 115.1

150 154.8 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

