

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120919\
 Data File : VX0137860.D
 Acq On : 09 Dec 2019 18:54
 Operator : JC/SP
 Sample : K6185-06DL 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 10 04:40:43 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

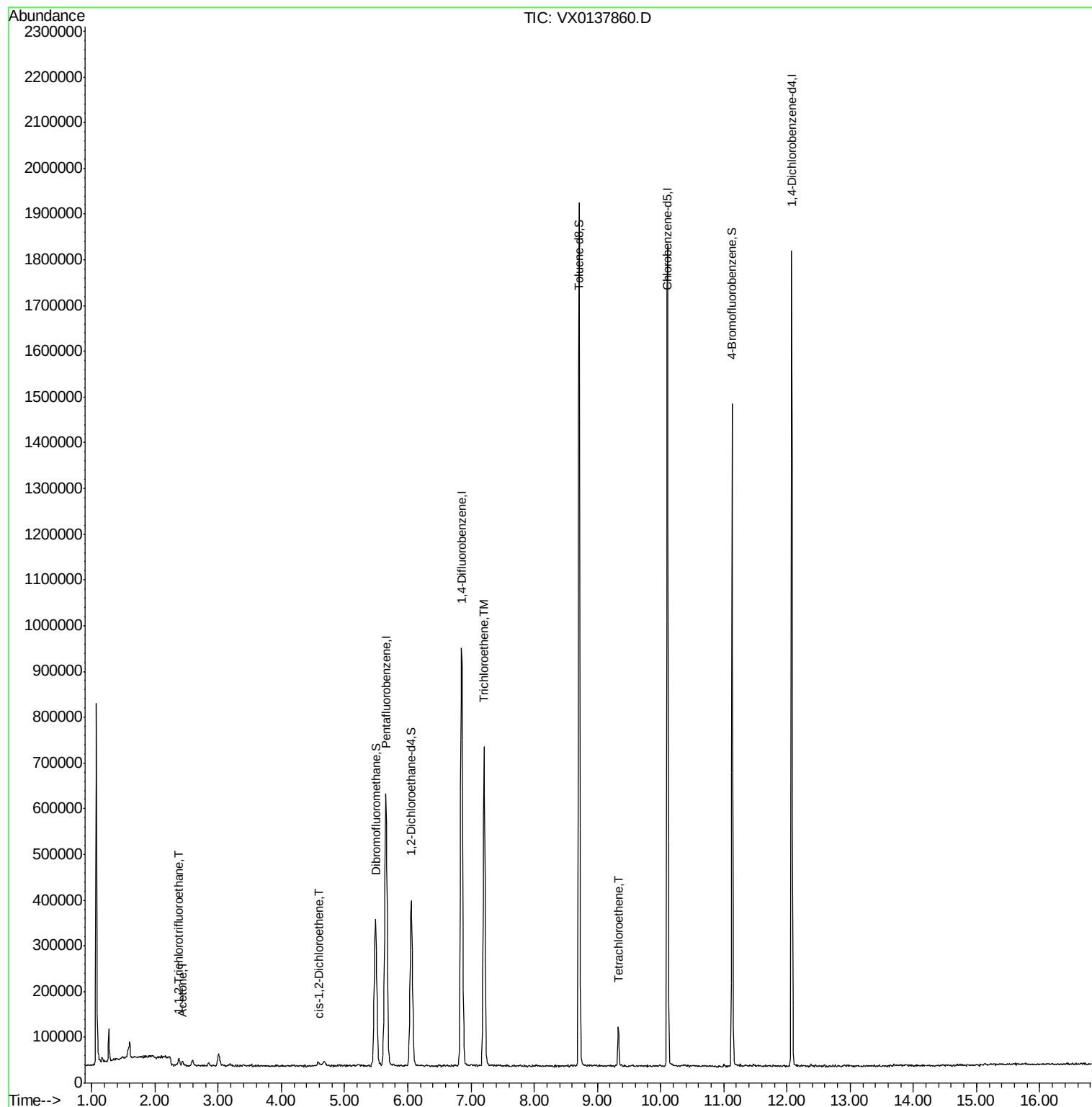
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	615446	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	946670	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	851679	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	366184	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	343596	48.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.20%	
35) Dibromofluoromethane	5.49	113	280885	47.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.98%	
50) Toluene-d8	8.71	98	1127474	49.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.90%	
62) 4-Bromofluorobenzene	11.14	95	371893	45.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.46%	
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluoroet	2.37	101	6320	1.077	ug/l	90
16) Acetone	2.44	43	10313	2.924	ug/l	92
27) cis-1,2-Dichloroethene	4.59	96	7484	1.021	ug/l	84
44) Trichloroethene	7.21	130	279728	38.943	ug/l	97
64) Tetrachloroethene	9.33	164	17511	2.757	ug/l	90

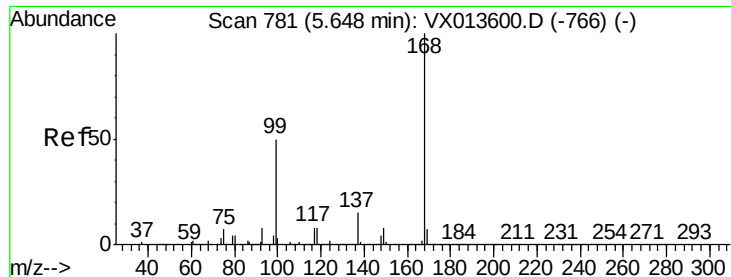
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 782

Delta R.T. 0.01 min

Lab File: VX0137860.D

Acq: 09 Dec 2019 18:54

Instrument :

MSVOA_X

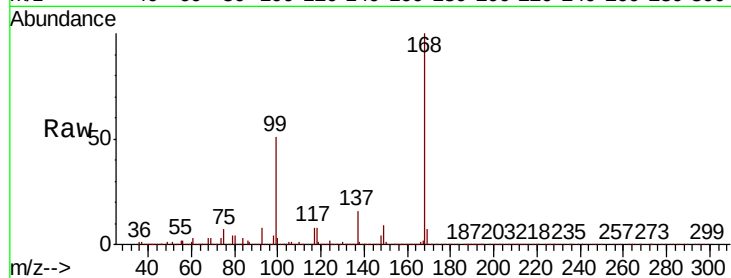
ClientSampleId :

Tot Ion:168 Resp: 615446

Ion Ratio Lower Upper

168 100

99 50.5 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

250000

200000

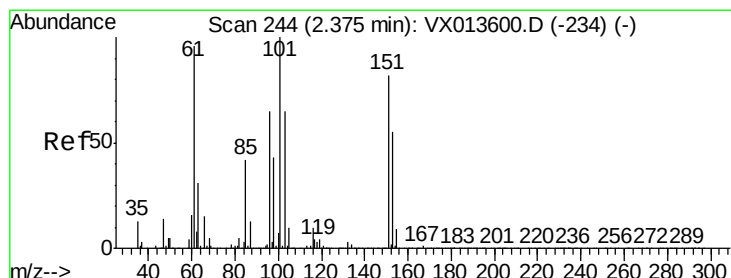
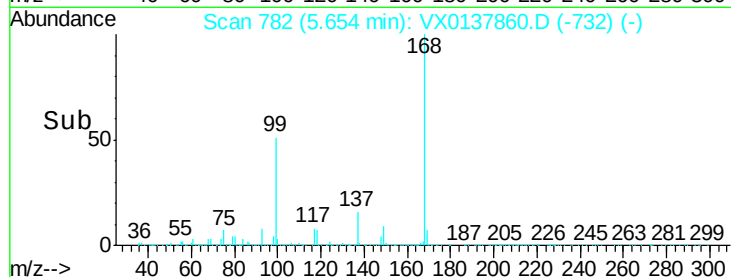
150000

100000

50000

0

Time-->



#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.077 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.00 min

Lab File: VX0137860.D

Acq: 09 Dec 2019 18:54

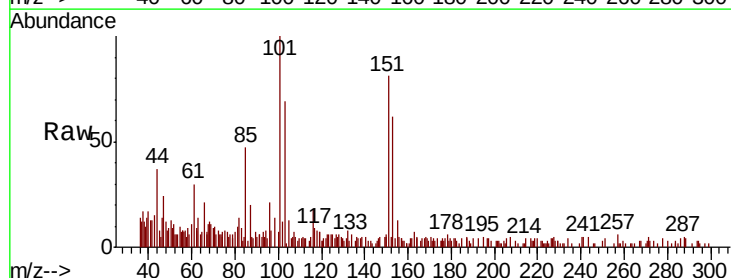
Tgt Ion:101 Resp: 6320

Ion Ratio Lower Upper

101 100

85 42.8 33.9 50.9

151 93.9 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

4000

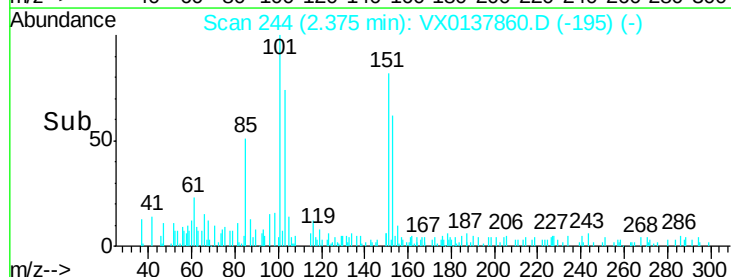
3000

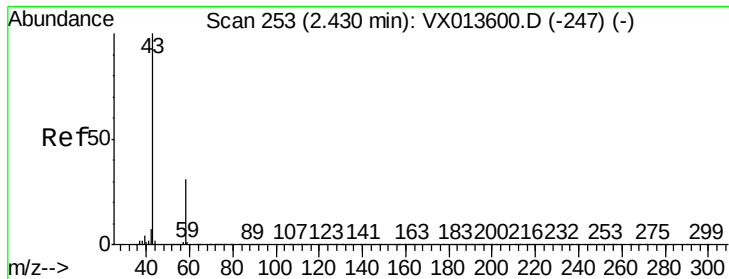
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1000

0

Time-->

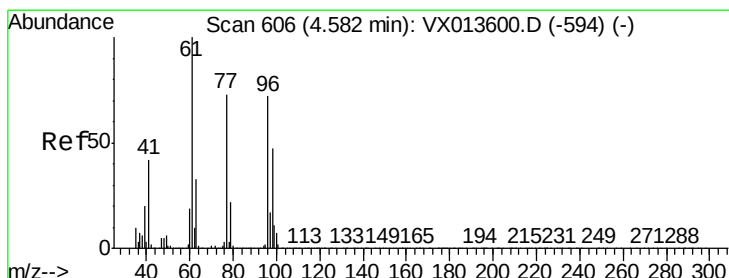
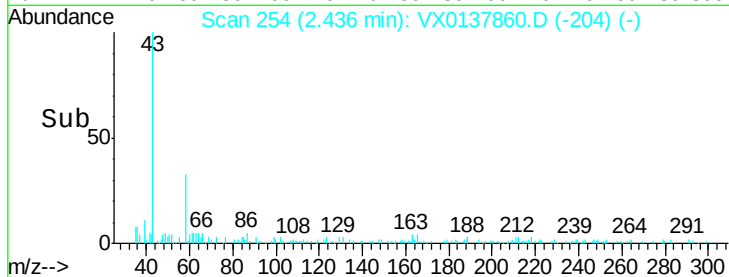
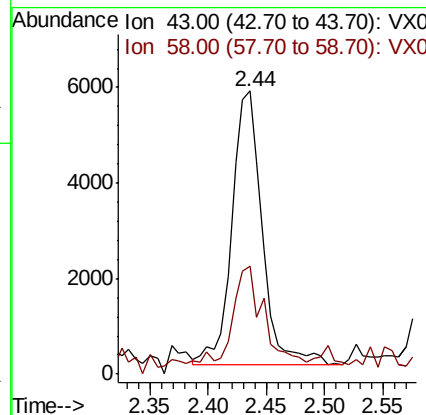
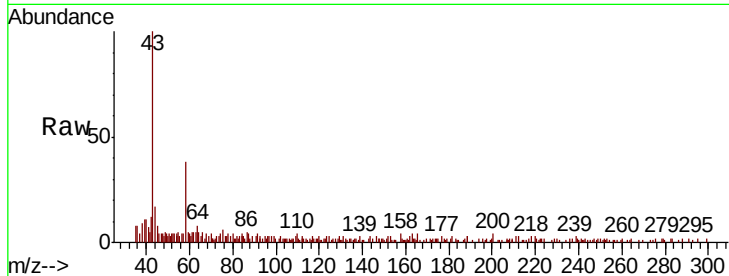




#16
Acetone
Concen: 2.924 ug/l
RT: 2.44 min Scan# 254
Delta R.T. 0.01 min
Lab File: VX0137860.D
Acq: 09 Dec 2019 18:54

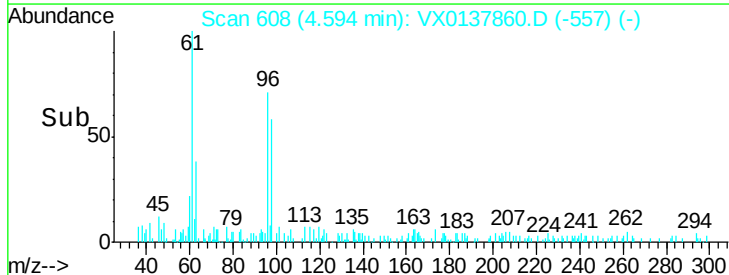
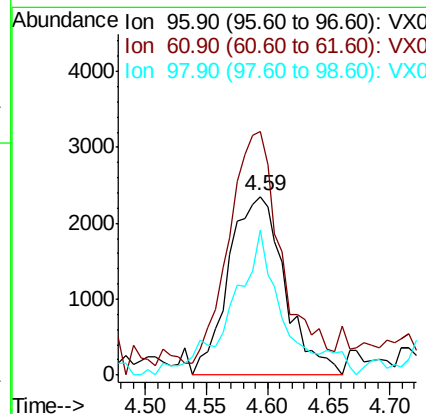
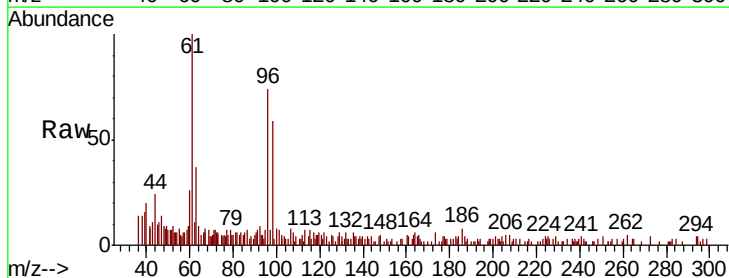
Instrument :
MSVOA_X
ClientSampleId :

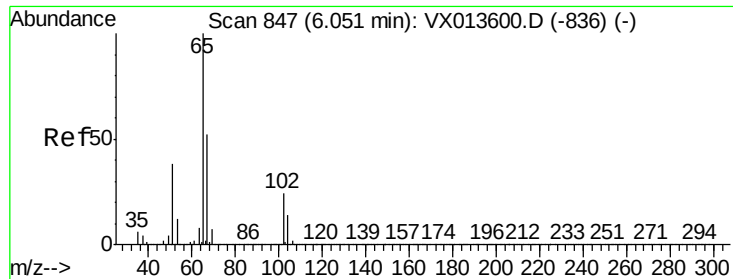
Tot Ion: 43 Resp: 10313
Ion Ratio Lower Upper
43 100
58 34.9 24.6 36.8



#27
cis-1,2-Dichloroethene
Concen: 1.021 ug/l
RT: 4.59 min Scan# 608
Delta R.T. 0.01 min
Lab File: VX0137860.D
Acq: 09 Dec 2019 18:54

Tgt Ion: 96 Resp: 7484
Ion Ratio Lower Upper
96 100
61 118.2 0.0 286.4
98 69.9 0.0 127.4

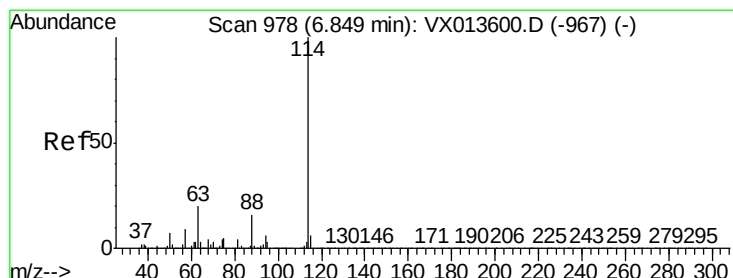
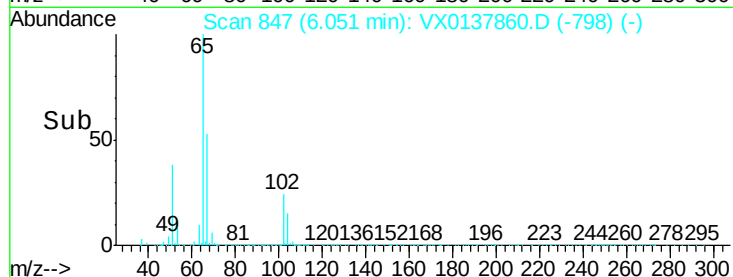
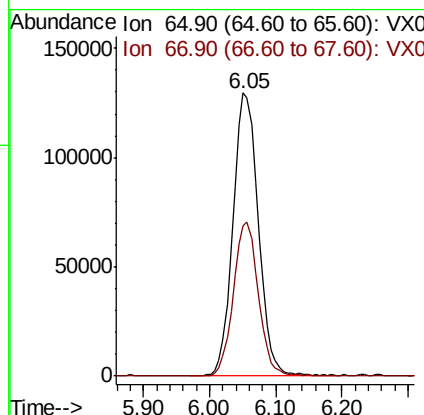
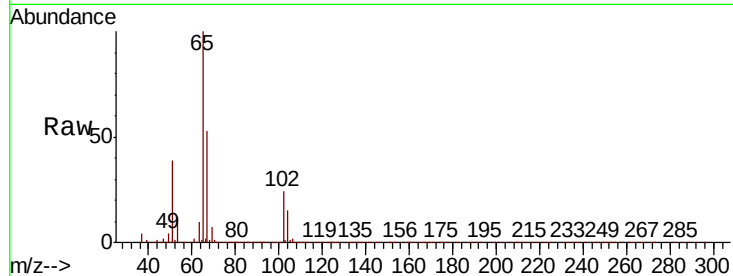




#33
 1,2-Dichloroethane-d4
 Concen: 48.096 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX0137860.D
 Acq: 09 Dec 2019 18:54

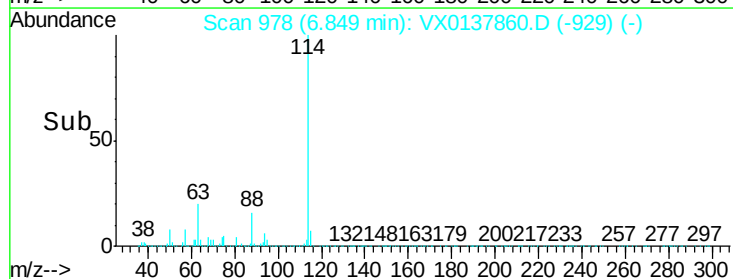
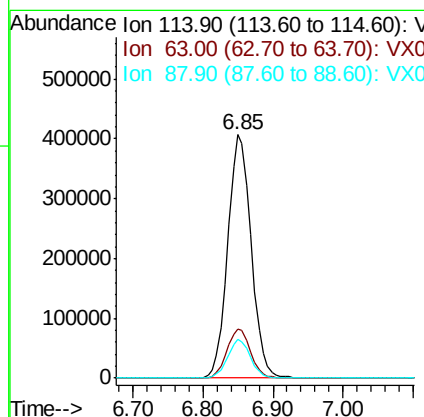
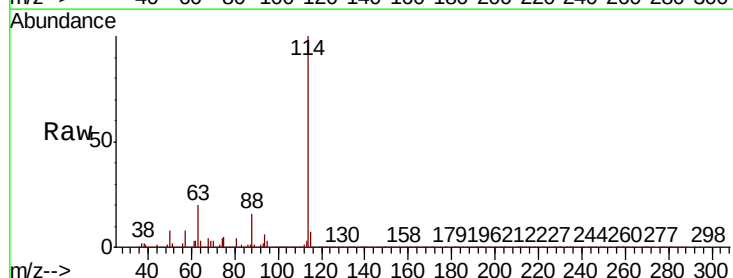
Instrument :
 MSVOA_X
 ClientSampled :

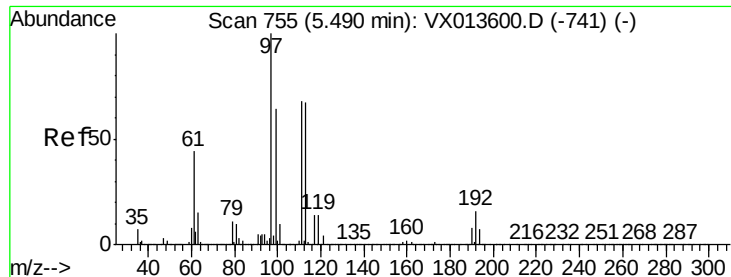
Tot Ion: 65 Resp: 343596
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX0137860.D
 Acq: 09 Dec 2019 18:54

Tgt Ion: 114 Resp: 946670
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 39.6
 88 15.7 0.0 31.4





#35

Dibromofluoromethane

Concen: 47.995 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX0137860.D

Acq: 09 Dec 2019 18:54

Instrument :

MSVOA_X

ClientSampled :

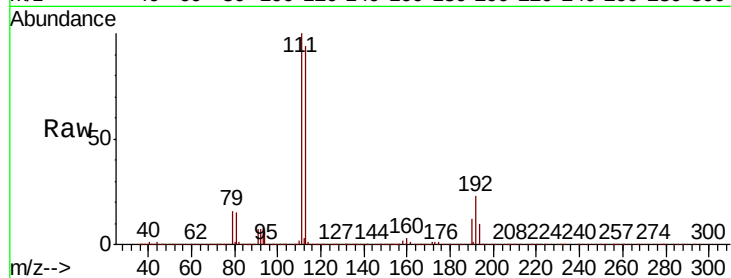
Tot Ion:113 Resp: 280885

Ion Ratio Lower Upper

113 100

111 102.4 83.6 125.4

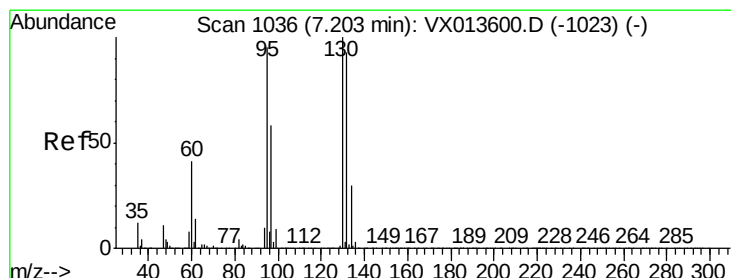
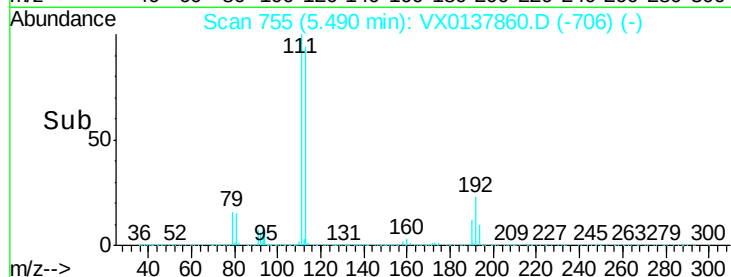
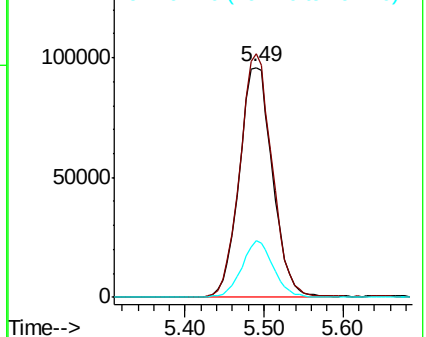
192 23.6 19.2 28.8



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: 38.943 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX0137860.D

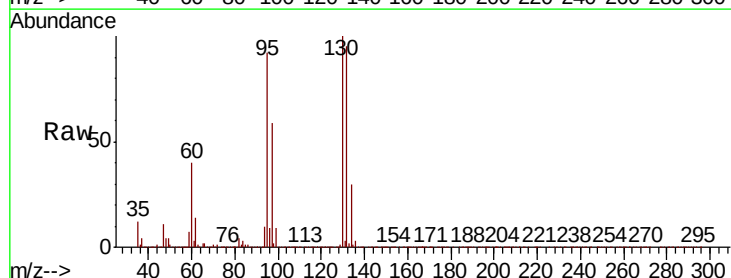
Acq: 09 Dec 2019 18:54

Tgt Ion:130 Resp: 279728

Ion Ratio Lower Upper

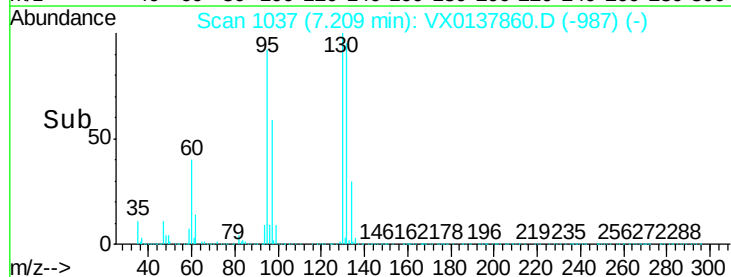
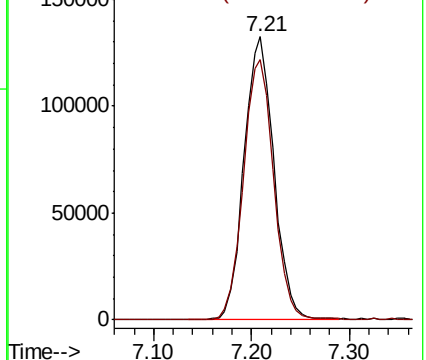
130 100

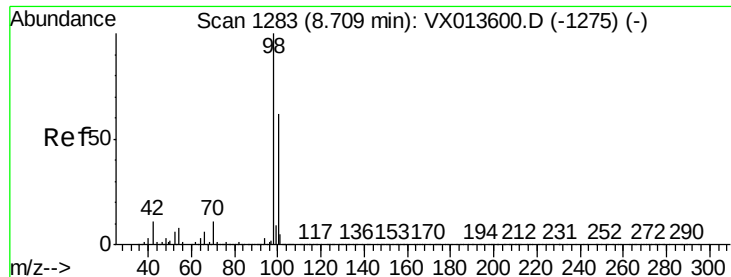
95 92.0 0.0 190.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

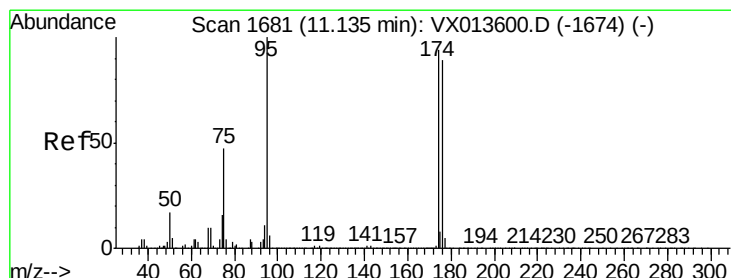
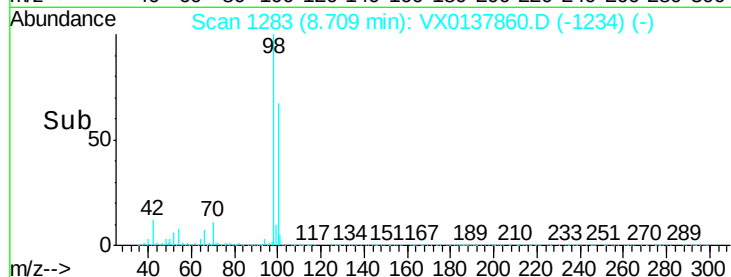
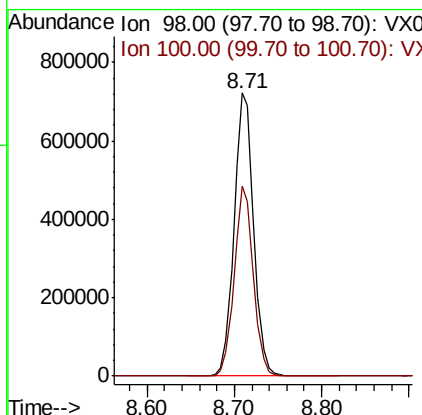
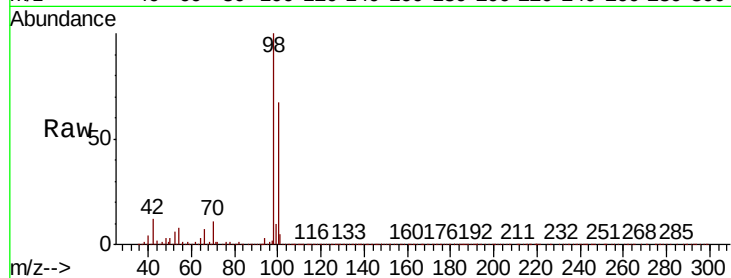




#50
Toluene-d8
Concen: 49.447 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX0137860.D
Acq: 09 Dec 2019 18:54

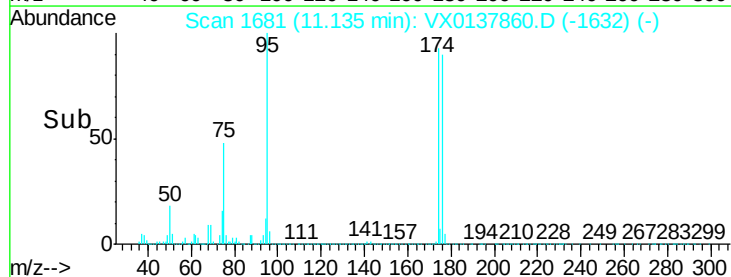
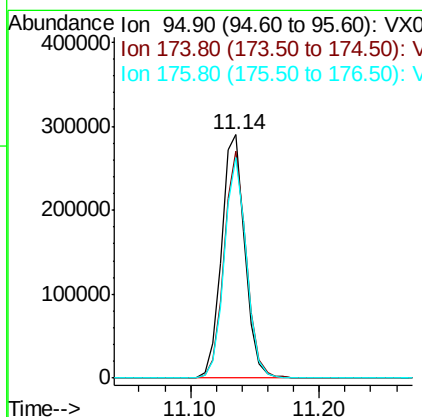
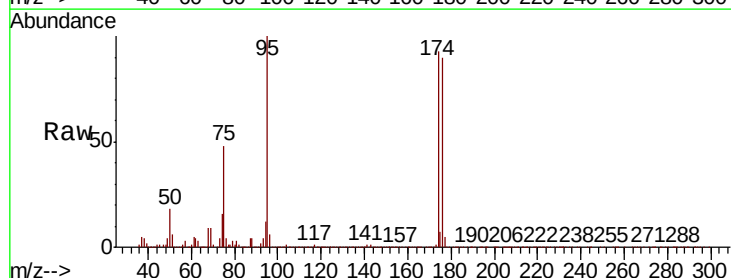
Instrument :
MSVOA_X
ClientSampleId :

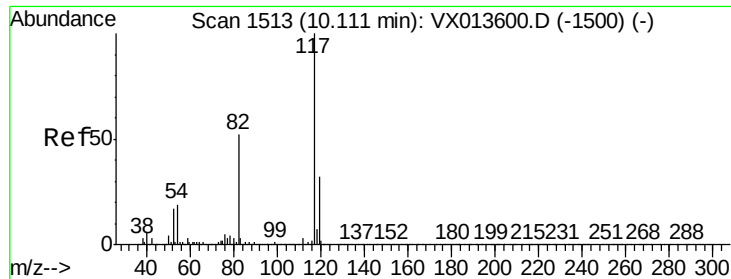
Tot Ion: 98 Resp: 1127474
Ion Ratio Lower Upper
98 100
100 65.5 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 45.229 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VX0137860.D
Acq: 09 Dec 2019 18:54

Tgt Ion: 95 Resp: 371893
Ion Ratio Lower Upper
95 100
174 88.4 0.0 180.0
176 86.0 0.0 173.6

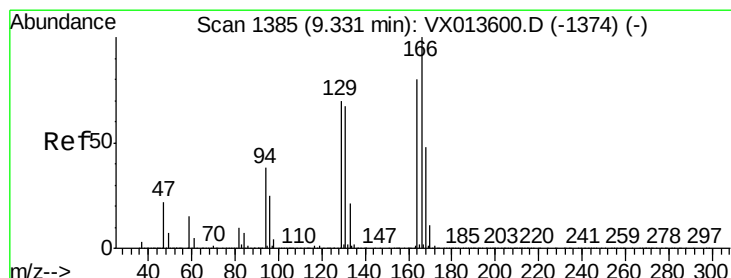
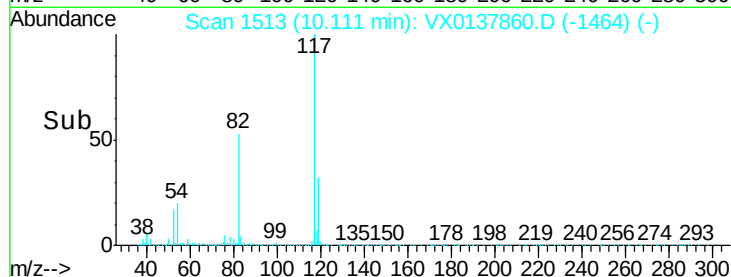
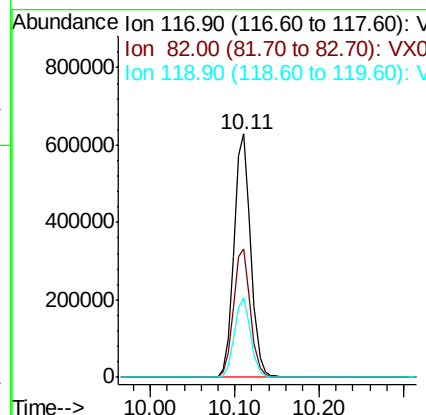
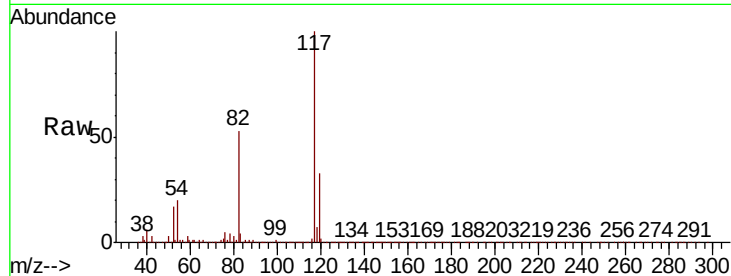




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX0137860.D
Acq: 09 Dec 2019 18:54

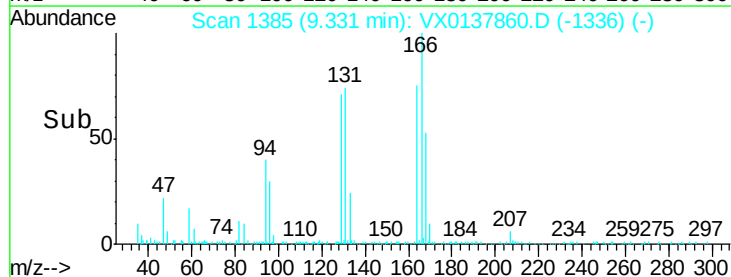
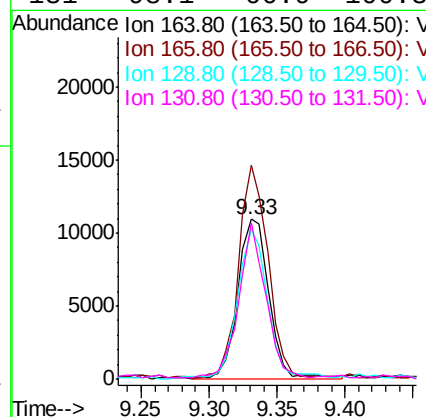
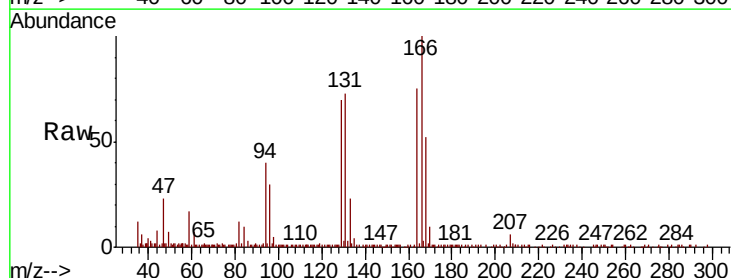
Instrument :
MSVOA_X
ClientSampleId :

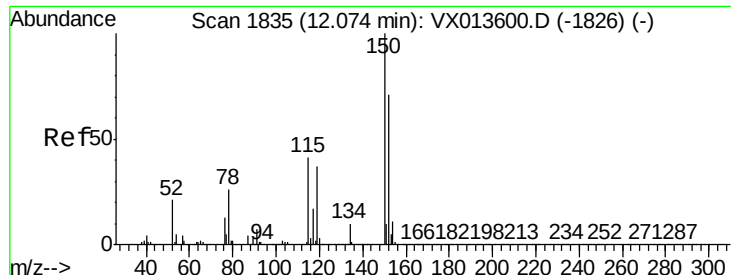
Tot Ion	Ratio	Lower	Upper
117	100		
82	52.7	41.8	62.8
119	32.5	25.8	38.8



#64
Tetrachloroethene
Concen: 2.757 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX0137860.D
Acq: 09 Dec 2019 18:54

Tgt Ion	Ratio	Lower	Upper
164	100		
166	134.5	99.7	149.5
129	93.5	70.1	105.1
131	98.1	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: VX0137860.D
 Acq: 09 Dec 2019 18:54

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.5	38.4	115.1
150	158.6	0.0	346.8

