

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120919\
 Data File : VX0137856.D
 Acq On : 09 Dec 2019 17:20
 Operator : JC/SP
 Sample : K6185-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 10 04:20:56 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

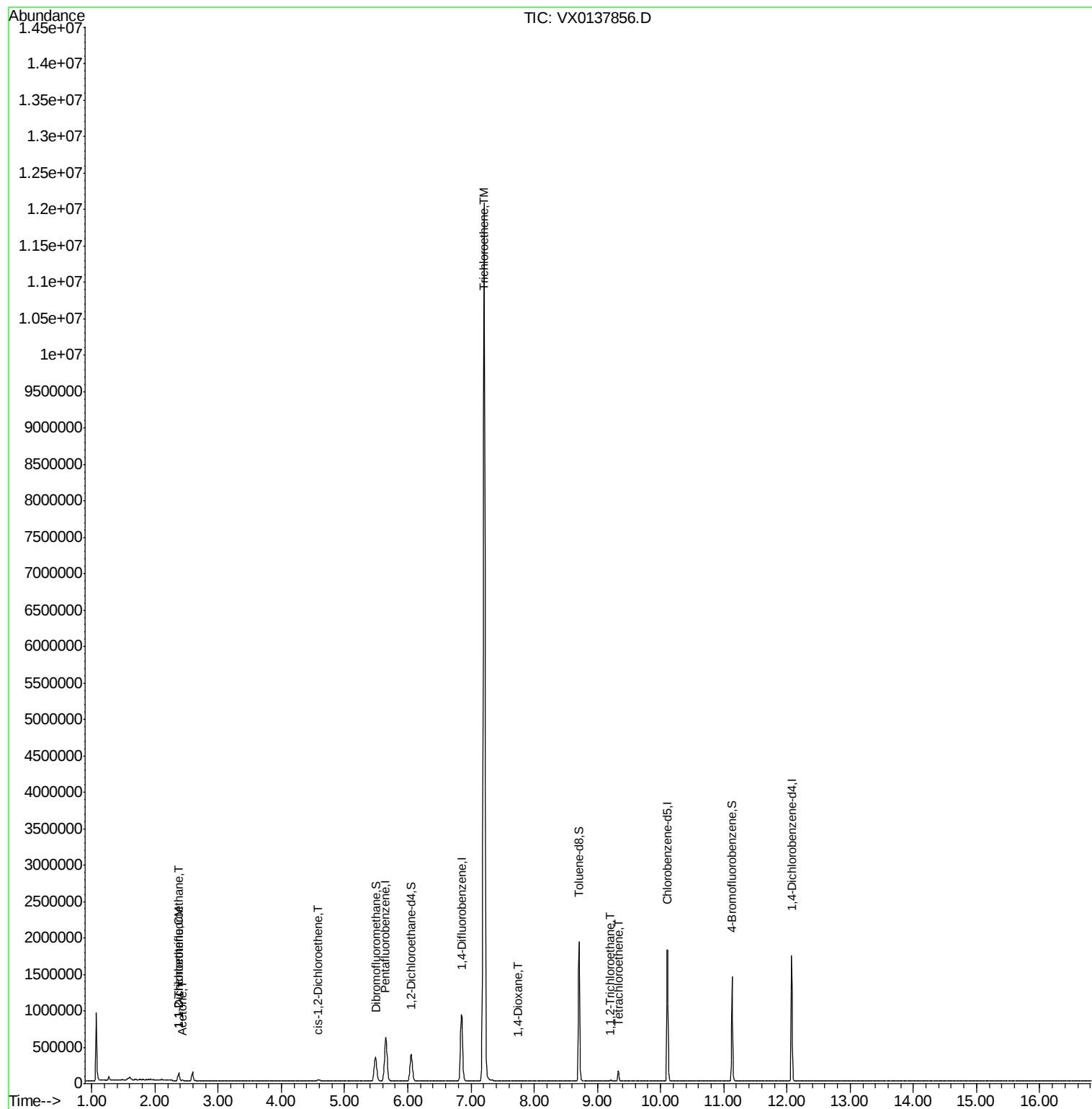
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	619547	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	958952	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	850945	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	371475	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	349666	48.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.24%	
35) Dibromofluoromethane	5.48	113	285542	48.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.34%	
50) Toluene-d8	8.71	98	1124626	48.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.38%	
62) 4-Bromofluorobenzene	11.14	95	373709	44.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.74%	
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluoroet	2.37	101	31948	5.409	ug/l	98
12) 1,1-Dichloroethene	2.37	96	18910	3.207	ug/l	91
16) Acetone	2.43	43	7449	2.098	ug/l	94
27) cis-1,2-Dichloroethene	4.59	96	13860	1.879	ug/l	90
44) Trichloroethene	7.21	130	4699606	645.889	ug/l	97
49) 1,4-Dioxane	7.74	88	3436	19.651	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	3576	0.539	ug/l #	89
64) Tetrachloroethene	9.33	164	29323	4.621	ug/l	96

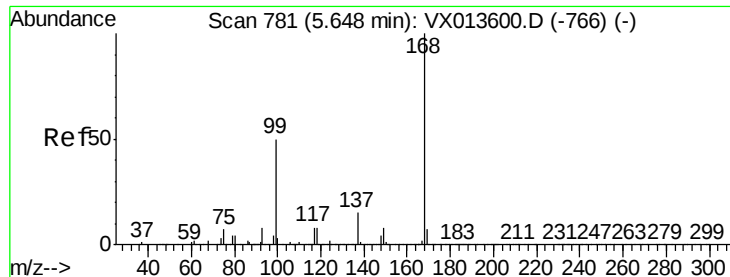
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX120919\
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ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Dec 10 04:20:56 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# 781

Delta R.T. -0.00 min

Lab File: VX0137856.D

Acq: 09 Dec 2019 17:20

Instrument :

MSVOA_X

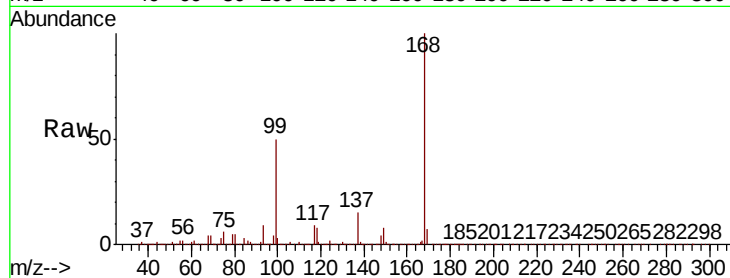
ClientSampleId :

Tot Ion:168 Resp: 619547

Ion Ratio Lower Upper

168 100

99 50.3 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

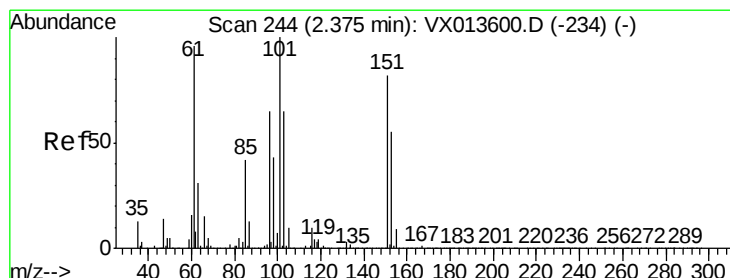
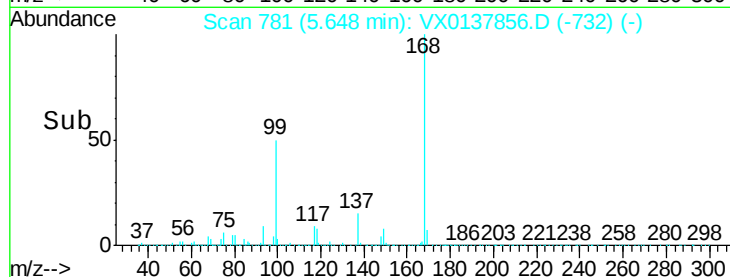
150000

100000

50000

0

Time-->



#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.409 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.00 min

Lab File: VX0137856.D

Acq: 09 Dec 2019 17:20

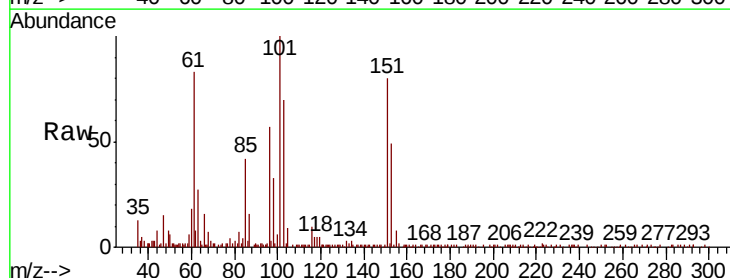
Tgt Ion:101 Resp: 31948

Ion Ratio Lower Upper

101 100

85 39.6 33.9 50.9

151 80.1 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

20000

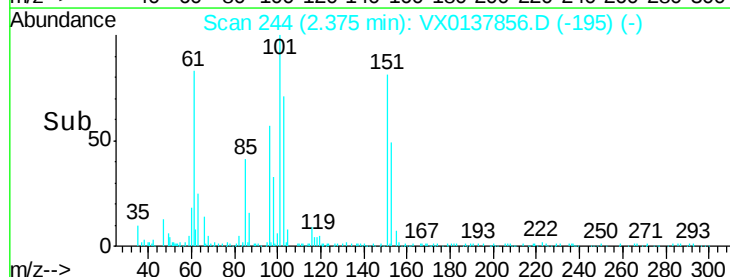
15000

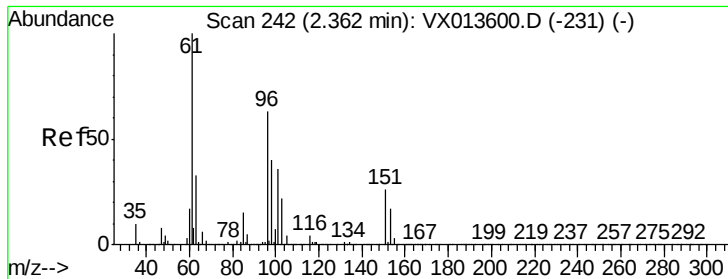
10000

5000

0

Time-->





#12

1,1-Dichloroethene

Concen: 3.207 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.01 min

Lab File: VX0137856.D

Acq: 09 Dec 2019 17:20

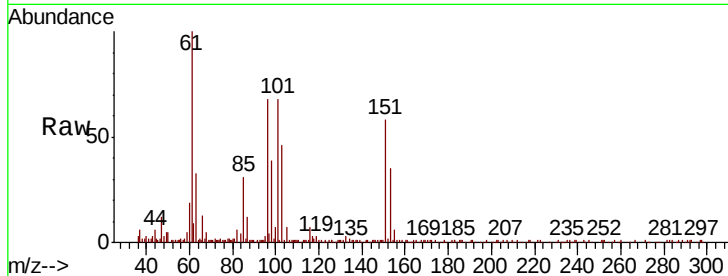
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 96 Resp: 18910

Ion	Ratio	Lower	Upper
96	100		
61	146.3	126.6	190.0
98	56.3	50.6	76.0

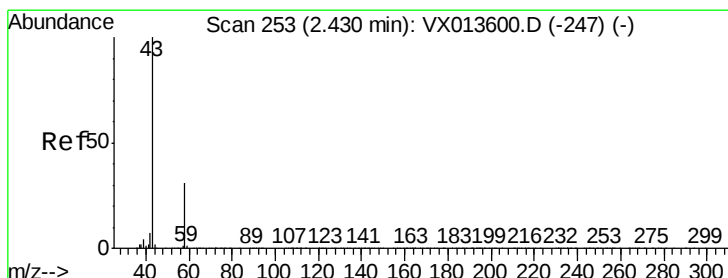
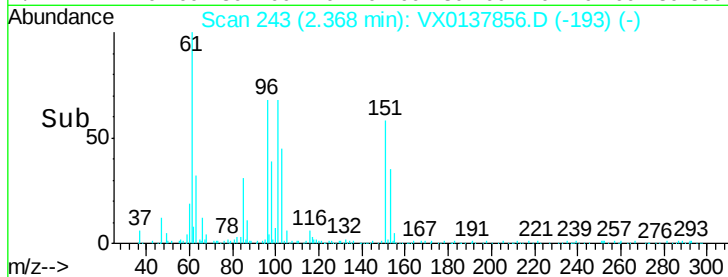
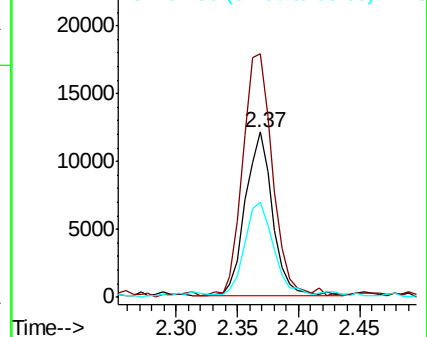


Abundance

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: 2.098 ug/l

RT: 2.43 min Scan# 253

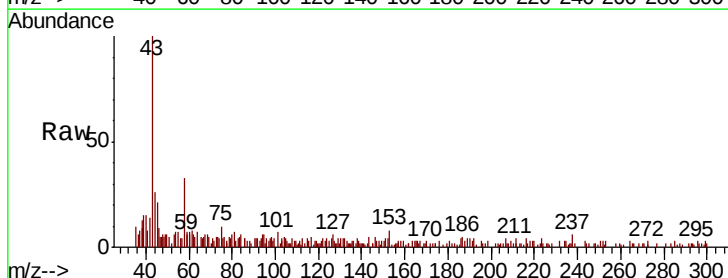
Delta R.T. -0.00 min

Lab File: VX0137856.D

Acq: 09 Dec 2019 17:20

Tgt Ion: 43 Resp: 7449

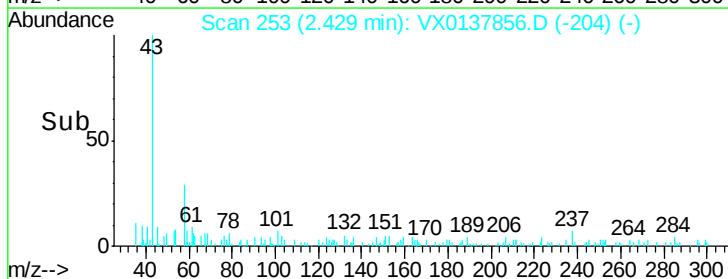
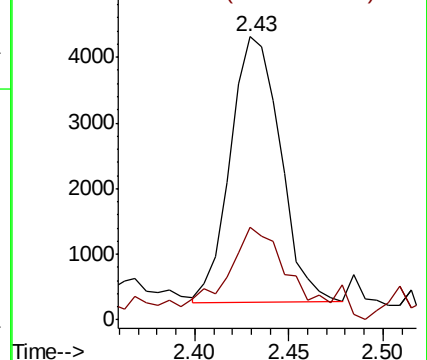
Ion	Ratio	Lower	Upper
43	100		
58	27.5	24.6	36.8

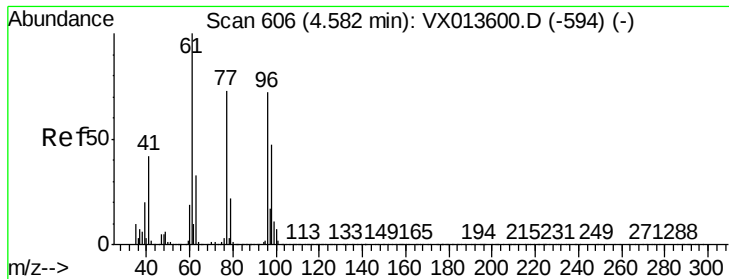


Abundance

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



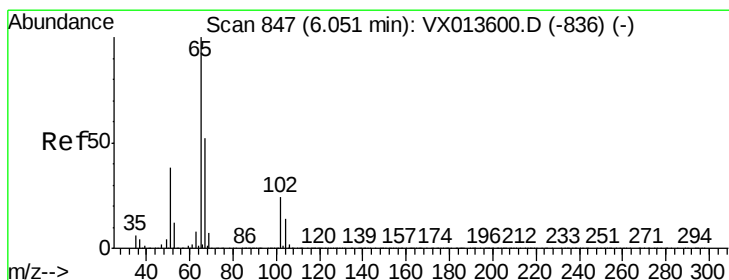
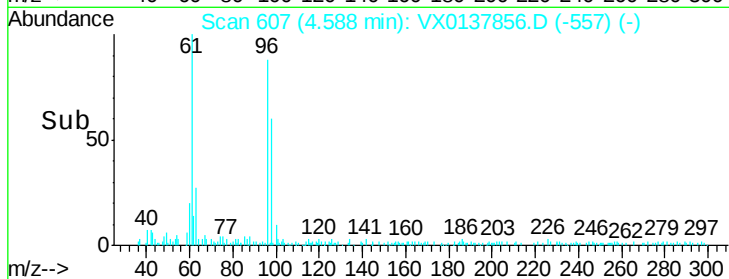
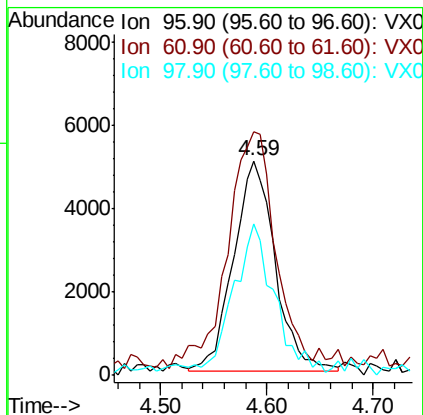
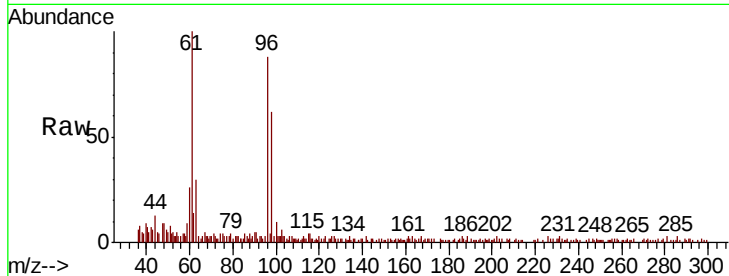


#27

cis-1,2-Dichloroethene
Concen: 1.879 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX0137856.D
Acq: 09 Dec 2019 17:20

Instrument :
MSVOA_X
ClientSampleId :

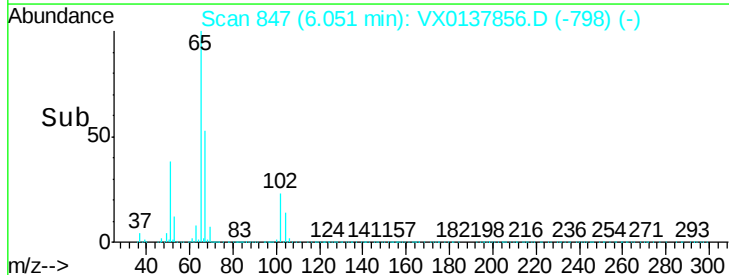
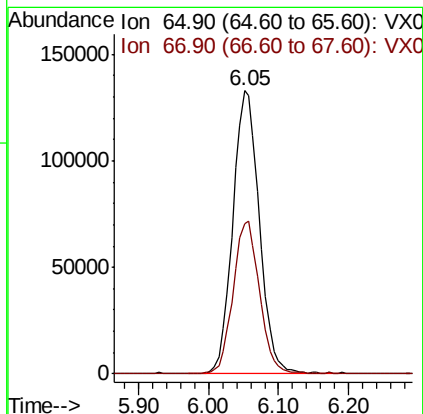
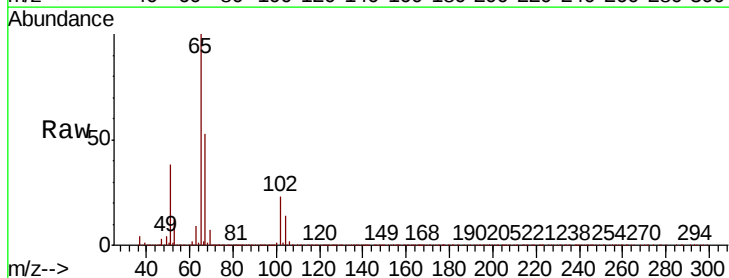
Tot Ion	Ratio	Lower	Upper
96	100		
61	128.7	0.0	286.4
98	68.4	0.0	127.4

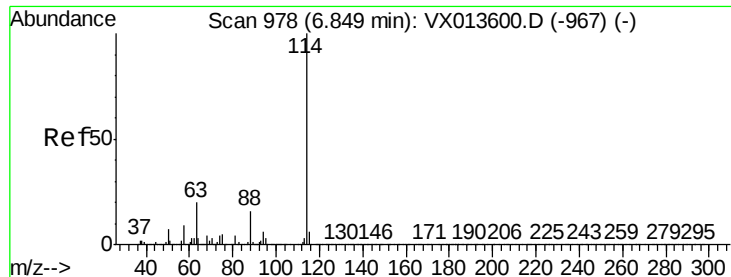


#33

1,2-Dichloroethane-d4
Concen: 48.622 ug/l
RT: 6.05 min Scan# 847
Delta R.T. -0.00 min
Lab File: VX0137856.D
Acq: 09 Dec 2019 17:20

Tgt 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: VX0137856.D

Acq: 09 Dec 2019 17:20

Instrument :

MSVOA_X

ClientSampleId :

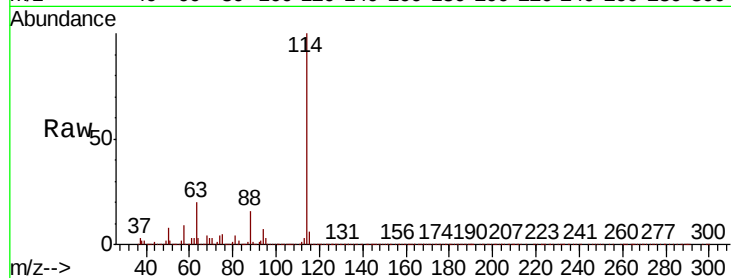
Tot Ion:114 Resp: 958952

Ion Ratio Lower Upper

114 100

63 20.4 0.0 39.6

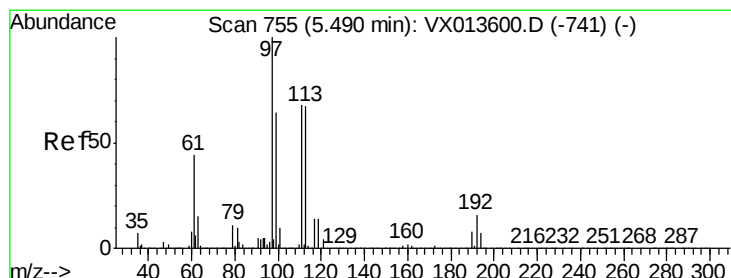
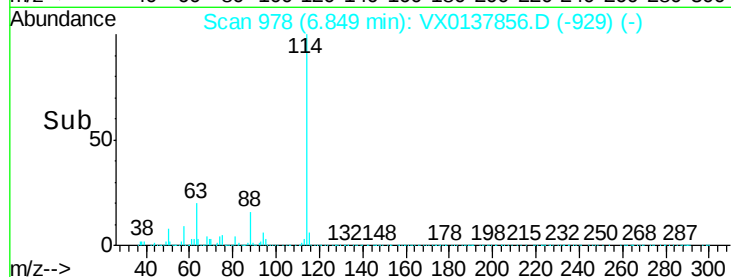
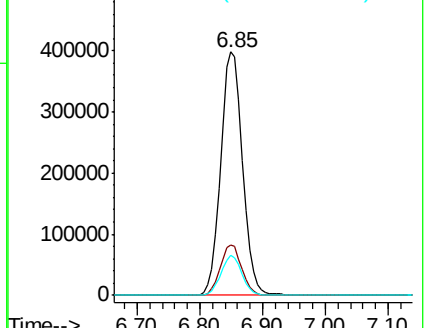
88 16.4 0.0 31.4



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: 48.165 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX0137856.D

Acq: 09 Dec 2019 17:20

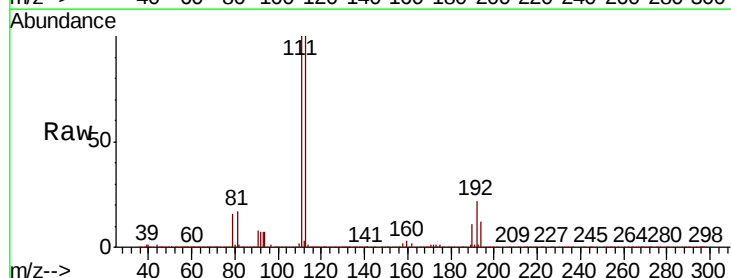
Tgt Ion:113 Resp: 285542

Ion Ratio Lower Upper

113 100

111 100.6 83.6 125.4

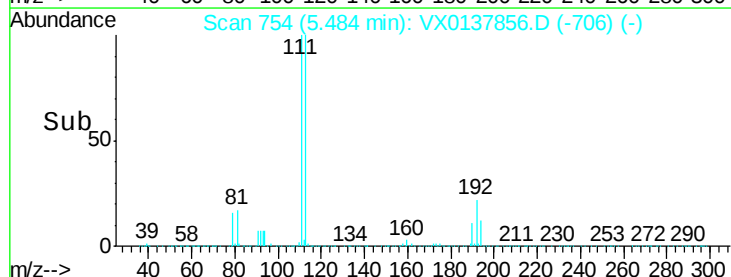
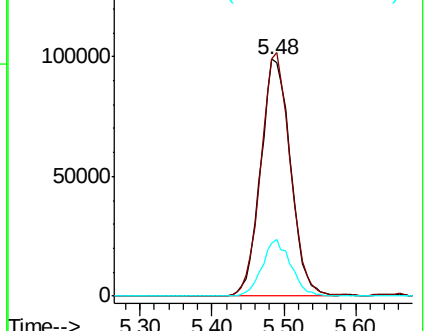
192 22.7 19.2 28.8

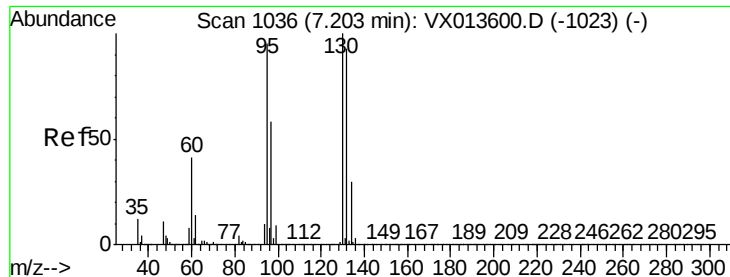


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 645.889 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX0137856.D

Acq: 09 Dec 2019 17:20

Instrument :

MSVOA_X

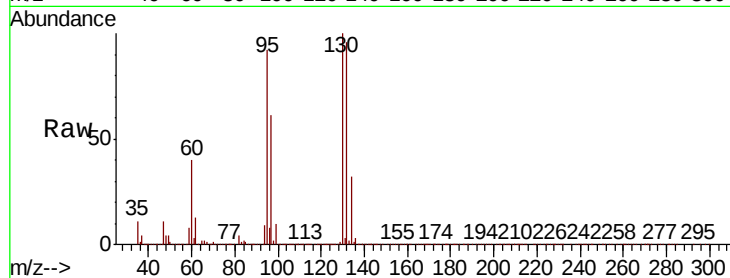
ClientSampled :

Tot Ion:130 Resp: 4699606

Ion Ratio Lower Upper

130 100

95 92.3 0.0 190.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.21

2500000

2000000

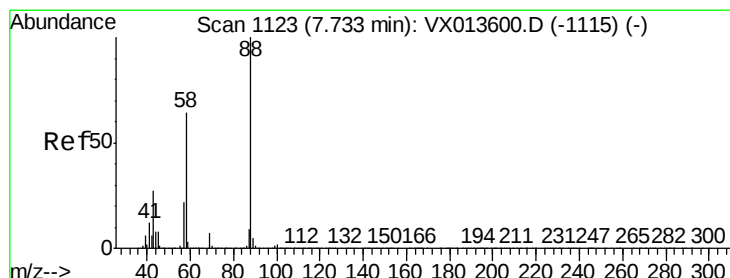
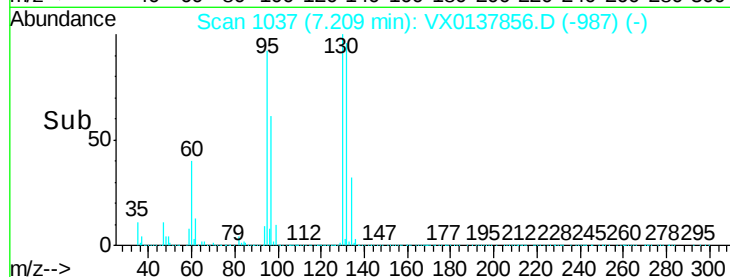
1500000

1000000

500000

0

Time-->



#49

1,4-Dioxane

Concen: 19.651 ug/l

RT: 7.74 min Scan# 1124

Delta R.T. 0.01 min

Lab File: VX0137856.D

Acq: 09 Dec 2019 17:20

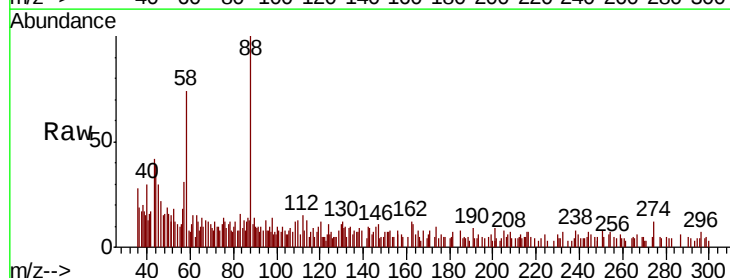
Tgt Ion: 88 Resp: 3436

Ion Ratio Lower Upper

88 100

43 29.4 25.8 38.6

58 68.6 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

2000

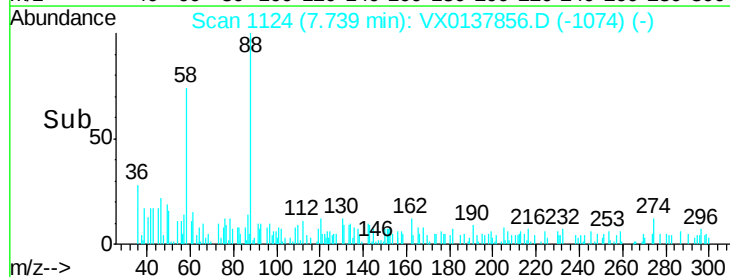
1500

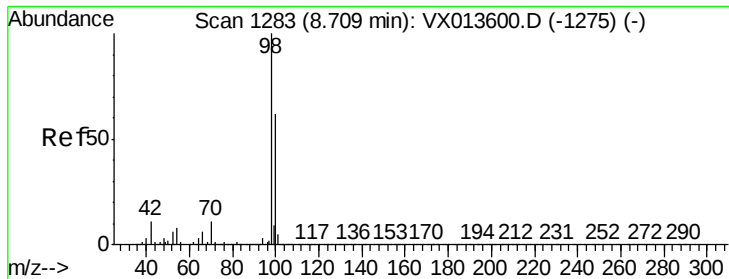
1000

500

0

Time-->





#50

Toluene-d8

Concen: 48.690 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX0137856.D

Acq: 09 Dec 2019 17:20

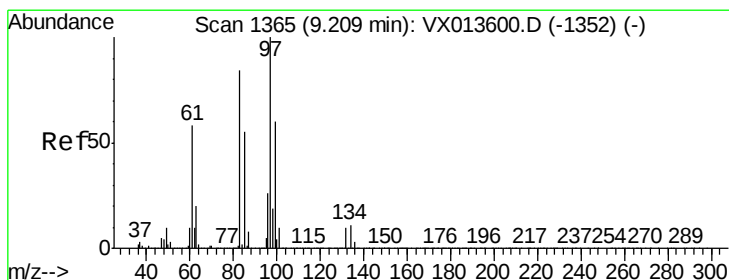
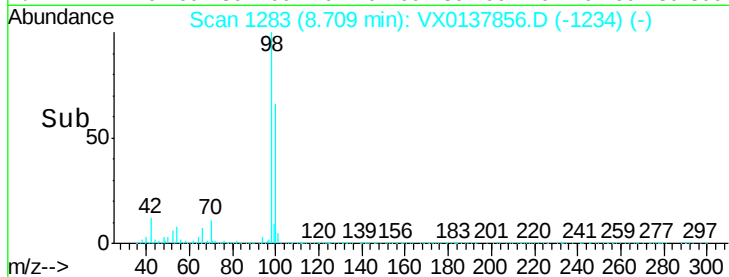
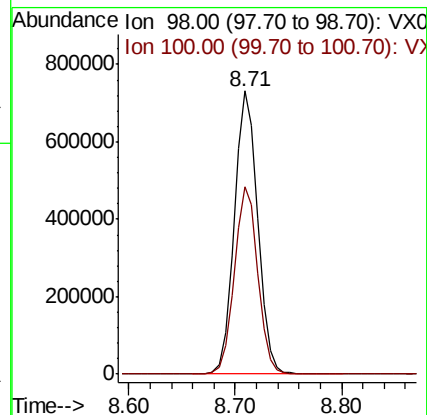
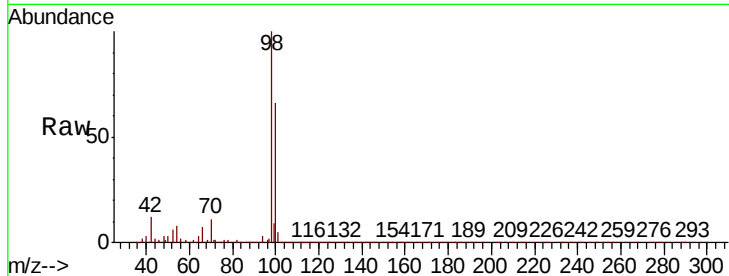
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 98 Resp: 1124626

Ion Ratio Lower Upper

98 100

100 66.3 53.1 79.7



#55

1,1,2-Trichloroethane

Concen: 0.539 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. -0.00 min

Lab File: VX0137856.D

Acq: 09 Dec 2019 17:20

Tgt Ion: 97 Resp: 3576

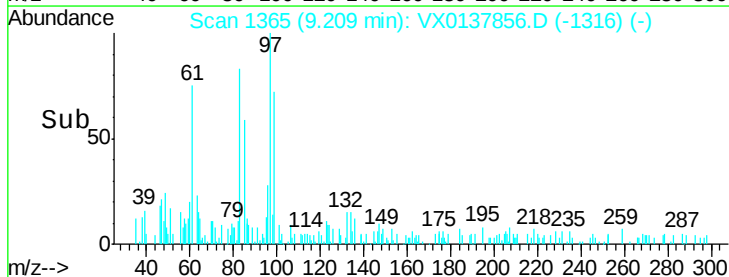
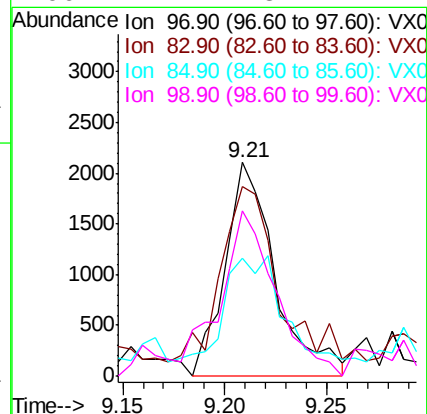
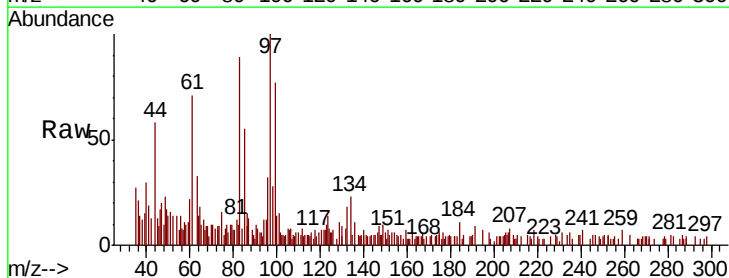
Ion Ratio Lower Upper

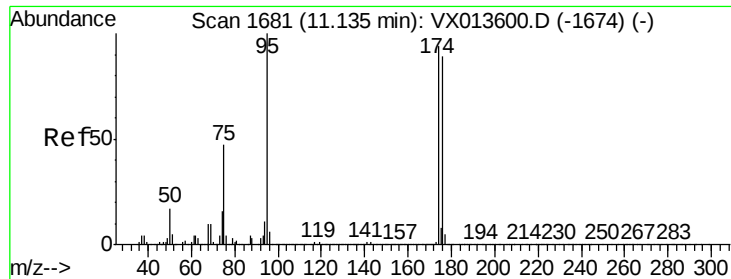
97 100

83 81.2 67.3 100.9

85 47.4 43.6 65.4

99 77.2 48.2 72.4#





#62

4-Bromofluorobenzene

Concen: 44.868 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX0137856.D

Acq: 09 Dec 2019 17:20

Instrument :

MSVOA_X

ClientSampleId :

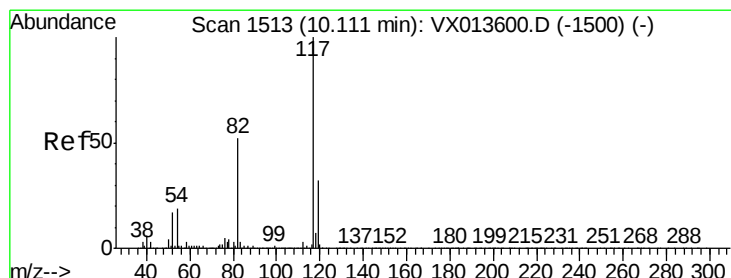
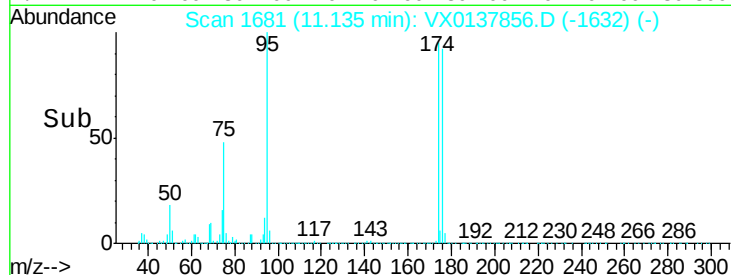
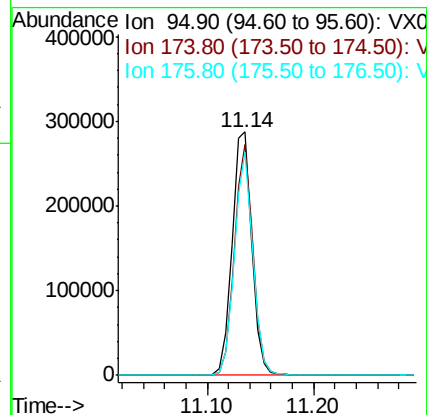
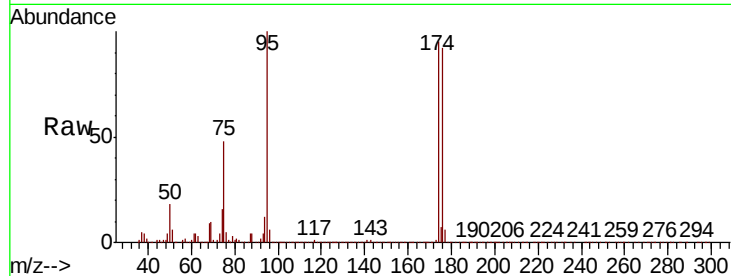
Tot Ion: 95 Resp: 373709

Ion Ratio Lower Upper

95 100

174 89.1 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: VX0137856.D

Acq: 09 Dec 2019 17:20

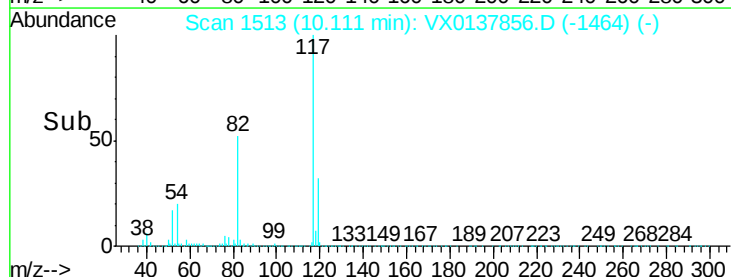
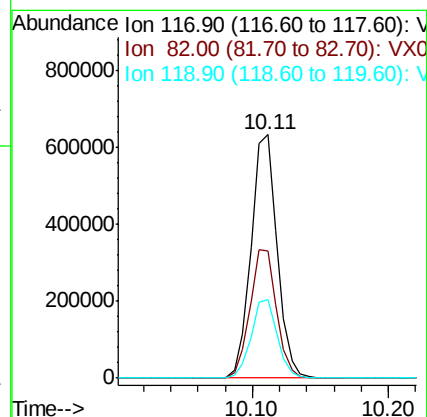
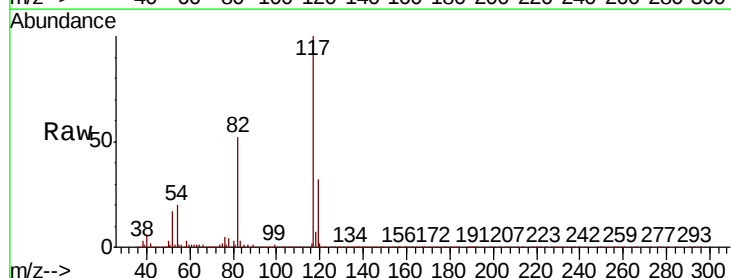
Tgt Ion: 117 Resp: 850945

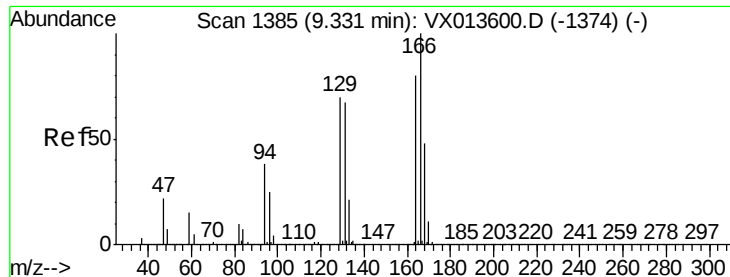
Ion Ratio Lower Upper

117 100

82 52.3 41.8 62.8

119 32.1 25.8 38.8

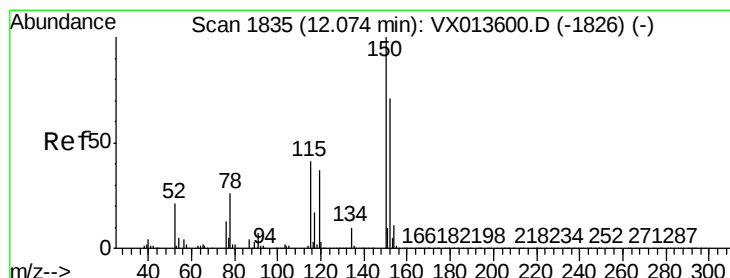
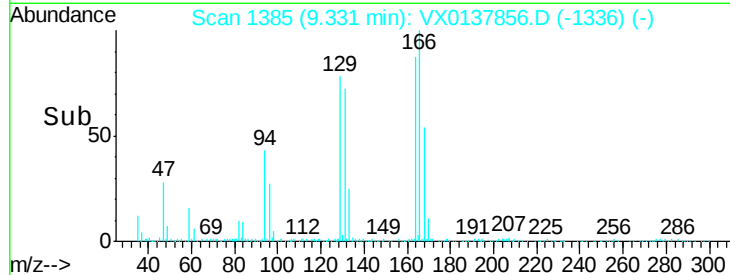
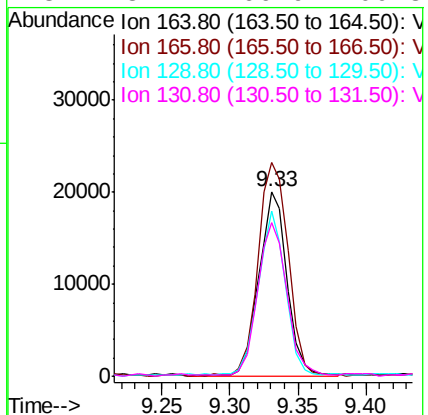
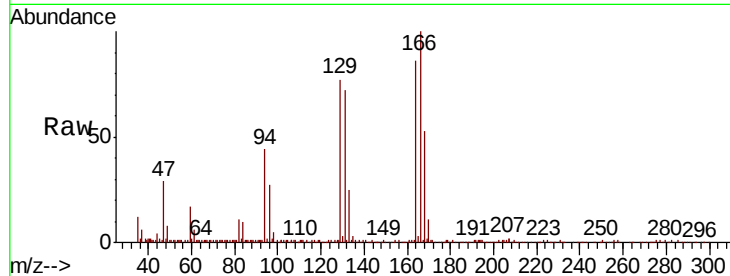




#64
Tetrachloroethene
Concen: 4.621 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX0137856.D
Acq: 09 Dec 2019 17:20

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
166	115.1	99.7	149.5
129	88.4	70.1	105.1
131	82.4	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: VX0137856.D
Acq: 09 Dec 2019 17:20

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.5	38.4	115.1
150	154.0	0.0	346.8

