

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112719\
 Data File : VX013661.D
 Acq On : 27 Nov 2019 18:57
 Operator : JC/SP
 Sample : K6027-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-7

Quant Time: Nov 28 03:45:25 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

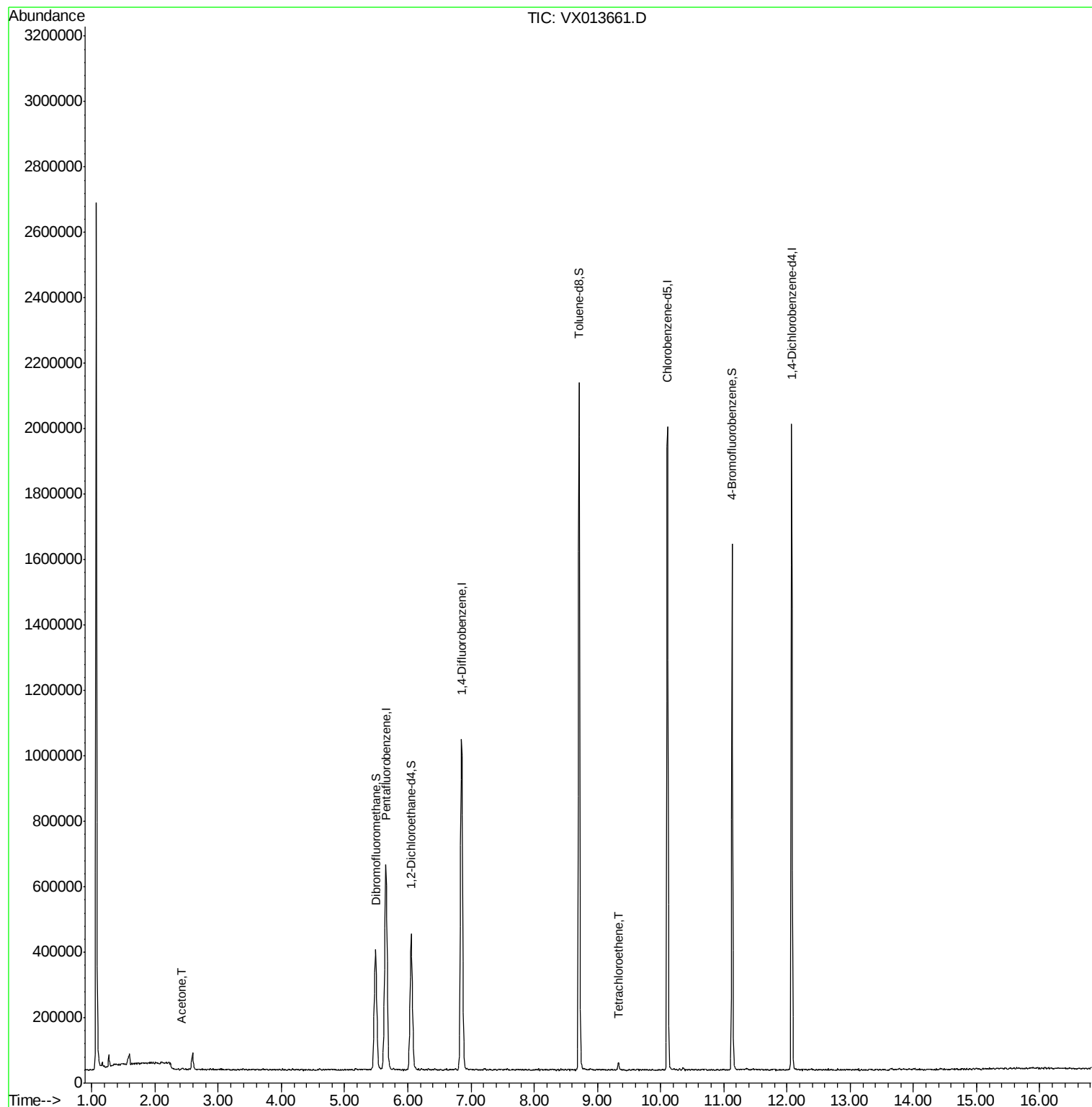
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	660280	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1049242	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	937735	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	412493	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	384690	50.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.38%	
35) Dibromofluoromethane	5.49	113	311983	48.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.20%	
50) Toluene-d8	8.71	98	1246210	49.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.62%	
62) 4-Bromofluorobenzene	11.14	95	415200	45.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.12%	
Target Compounds						
16) Acetone	2.43	43	6996	1.849	ug/l	99
64) Tetrachloroethene	9.33	164	5360	0.766	ug/l #	81

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX013661.D

Acq: 27 Nov 2019 18:57

Instrument :

MSVOA_X

ClientSampleId :

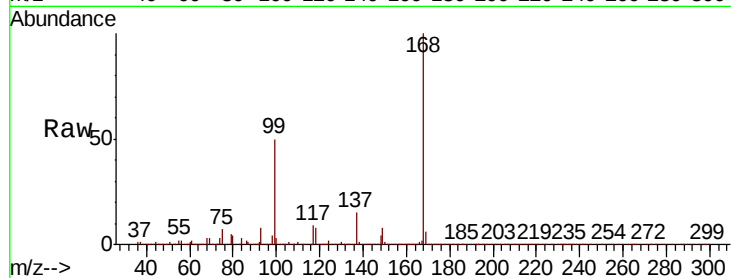
MW-7

Tot Ion:168 Resp: 660280

Ion Ratio Lower Upper

168 100

99 49.9 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

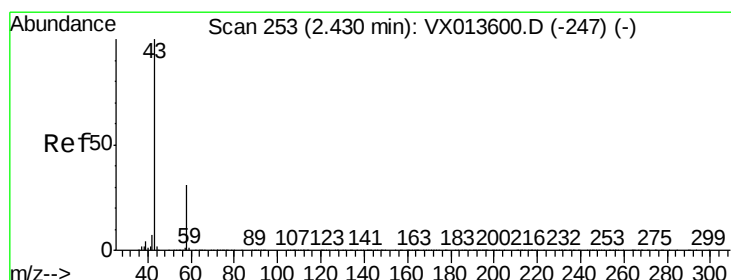
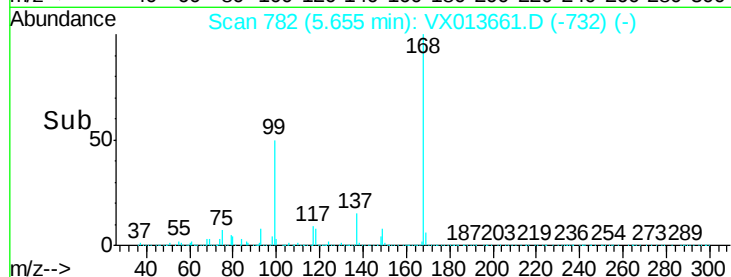
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 1.849 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX013661.D

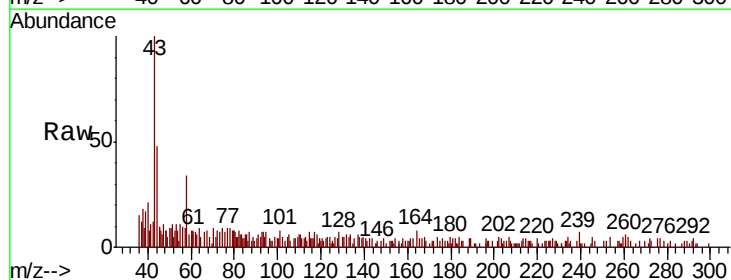
Acq: 27 Nov 2019 18:57

Tgt Ion: 43 Resp: 6996

Ion Ratio Lower Upper

43 100

58 30.1 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.43

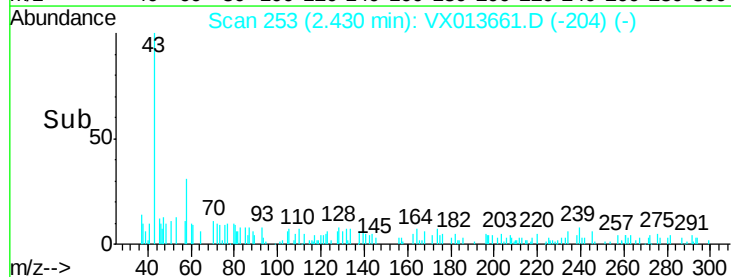
3000

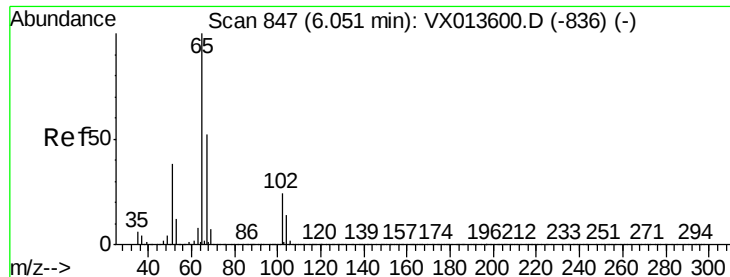
2000

1000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 50.192 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX013661.D

Acq: 27 Nov 2019 18:57

Instrument :

MSVOA_X

ClientSampleId :

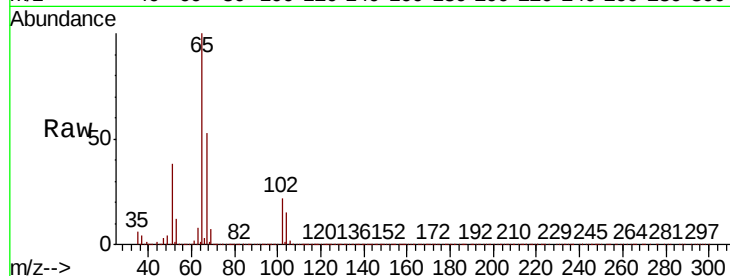
MW-7

Tot Ion: 65 Resp: 384690

Ion Ratio Lower Upper

65 100

67 53.5 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.05

150000

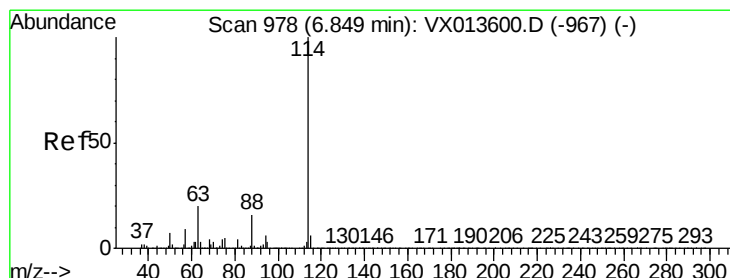
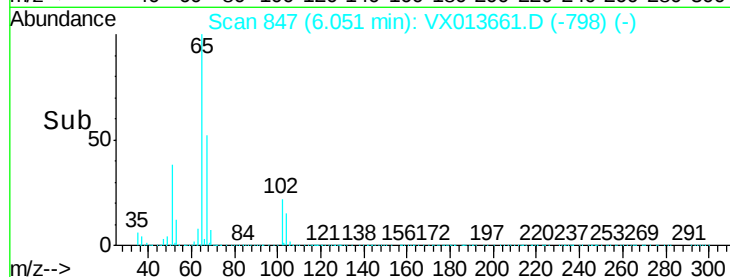
100000

50000

0

Time-->

5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX013661.D

Acq: 27 Nov 2019 18:57

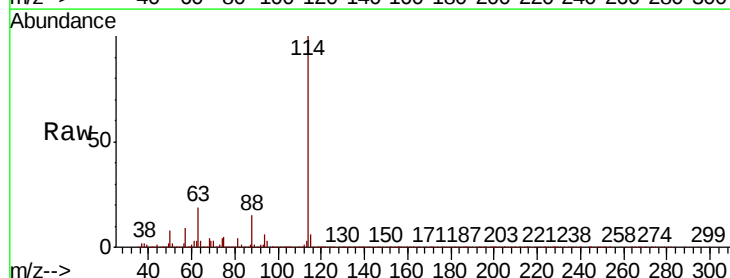
Tgt Ion: 114 Resp: 1049242

Ion Ratio Lower Upper

114 100

63 19.2 0.0 39.6

88 15.2 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

600000

500000

400000

300000

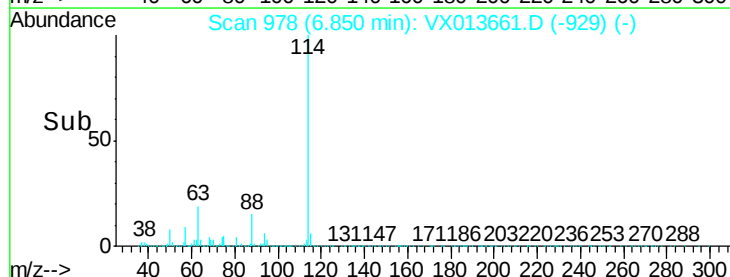
200000

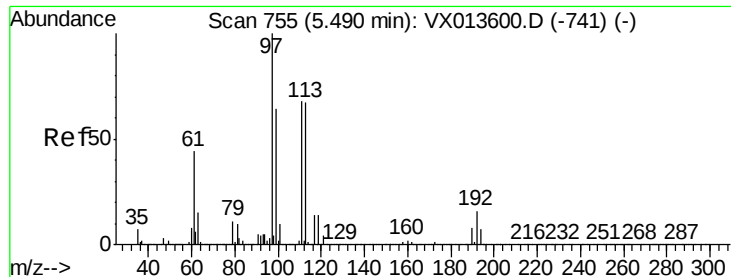
100000

0

Time-->

6.70 6.80 6.90 7.00

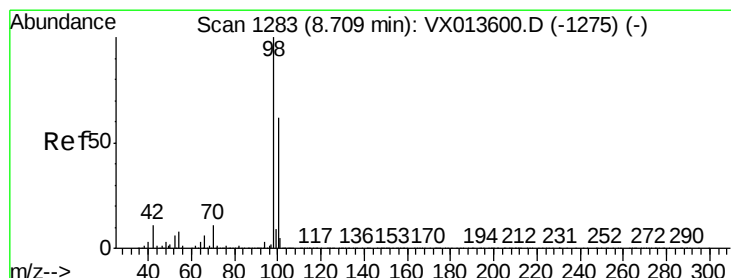
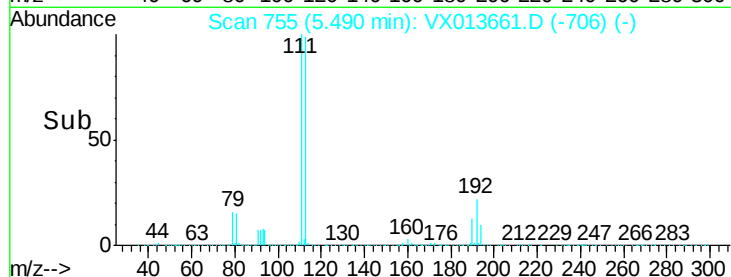
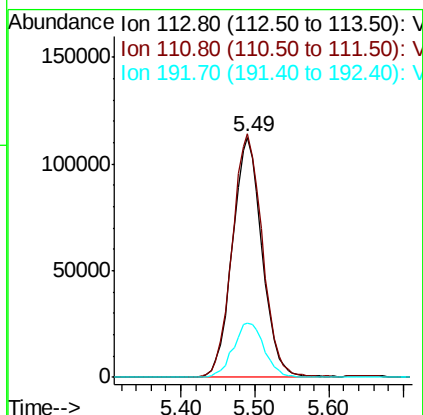
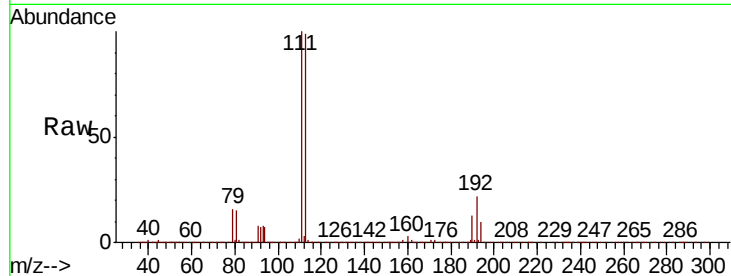




#35
 Dibromofluoromethane
 Concen: 48.097 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: VX013661.D
 Acq: 27 Nov 2019 18:57

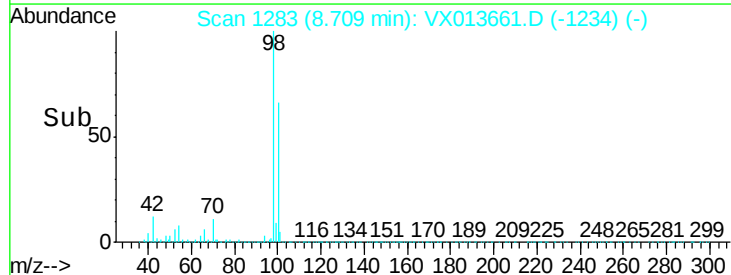
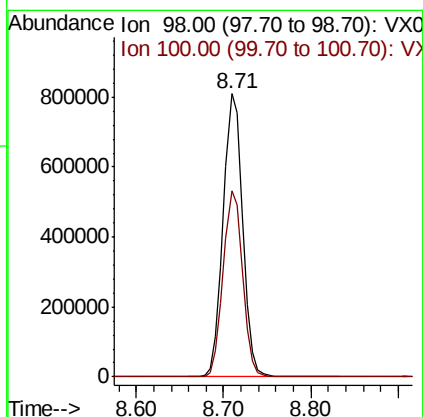
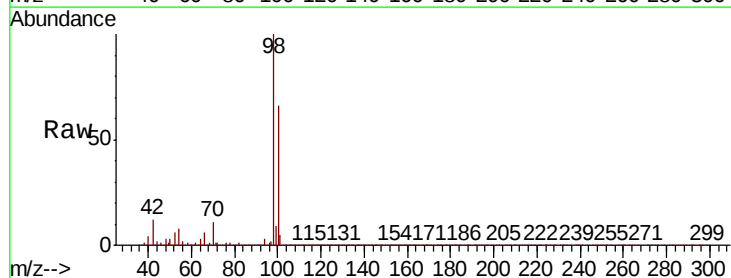
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-7

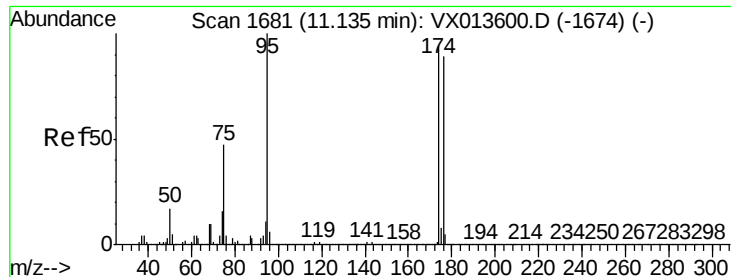
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.2	83.6	125.4
192	24.1	19.2	28.8



#50
 Toluene-d8
 Concen: 49.311 ug/l
 RT: 8.71 min Scan# 1283
 Delta R.T. 0.00 min
 Lab File: VX013661.D
 Acq: 27 Nov 2019 18:57

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.7	53.1	79.7





#62

4-Bromofluorobenzene

Concen: 45.560 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX013661.D

Acq: 27 Nov 2019 18:57

Instrument :

MSVOA_X

ClientSampleId :

MW-7

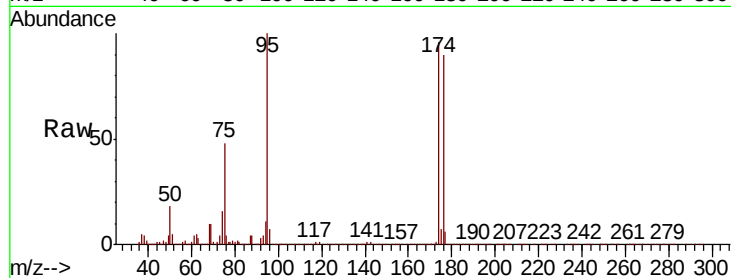
Tot Ion: 95 Resp: 415200

Ion Ratio Lower Upper

95 100

174 90.6 0.0 180.0

176 86.6 0.0 173.6

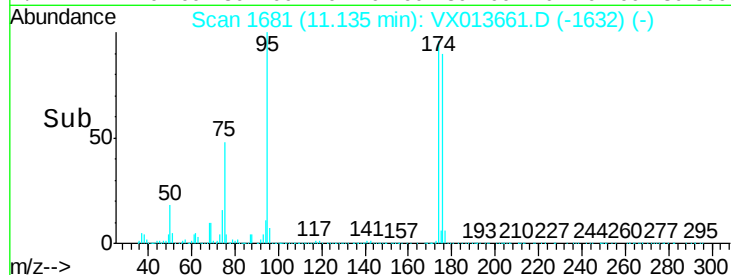


Abundance Ion 94.90 (94.60 to 95.60): VX0

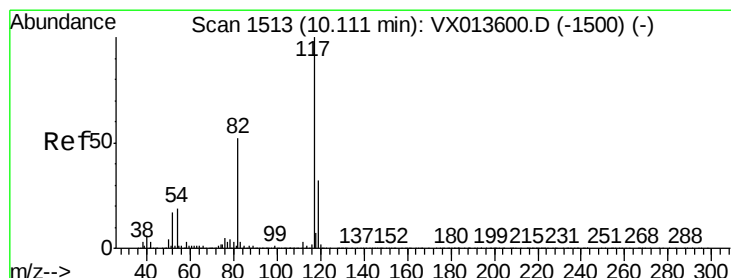
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

Time-->



Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX013661.D

Acq: 27 Nov 2019 18:57

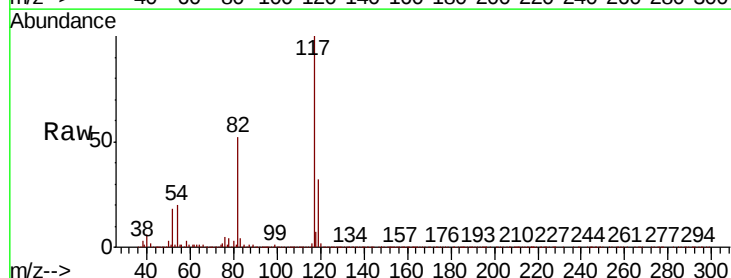
Tgt Ion: 117 Resp: 937735

Ion Ratio Lower Upper

117 100

82 52.0 41.8 62.8

119 31.9 25.8 38.8

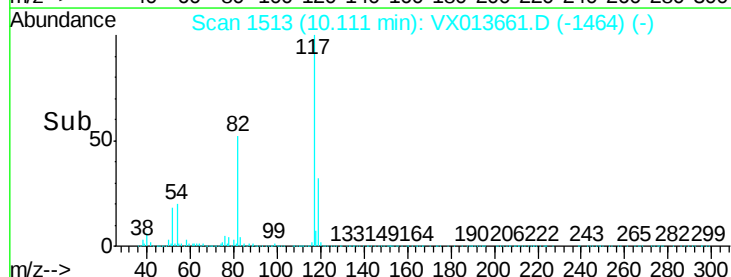


Abundance Ion 116.90 (116.60 to 117.60): V

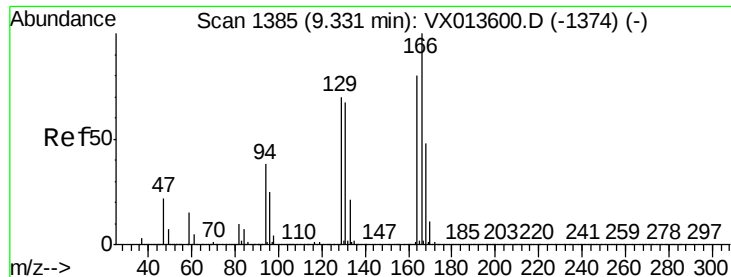
Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

Time-->



Time-->



#64

Tetrachloroethene

Concen: 0.766 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX013661.D

Acq: 27 Nov 2019 18:57

Instrument :

MSVOA_X

ClientSampleId :

MW-7

Tot Ion:164 Resp: 5360

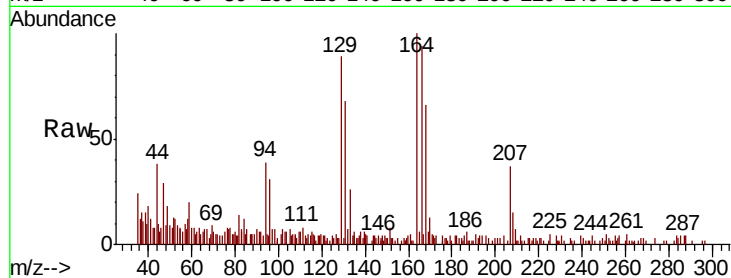
Ion Ratio Lower Upper

164 100

166 92.6 99.7 149.5#

129 85.8 70.1 105.1

131 61.0 66.9 100.3#



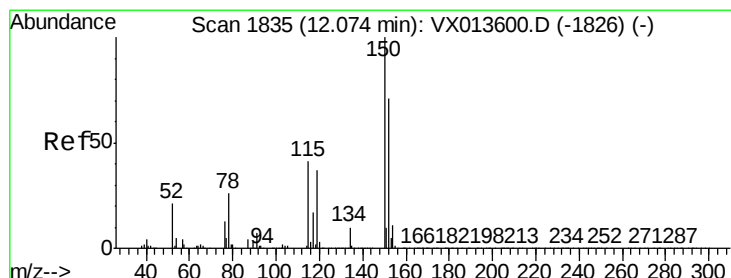
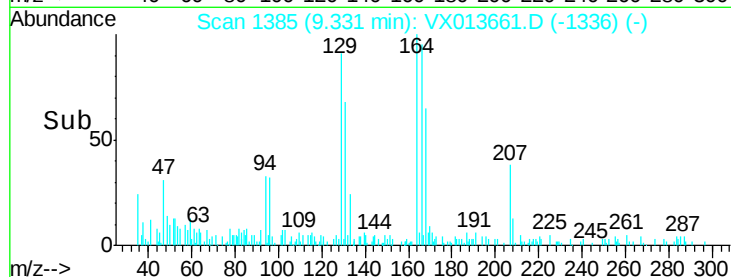
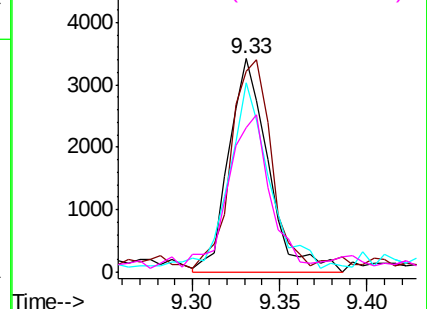
Abundance

Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX013661.D

Acq: 27 Nov 2019 18:57

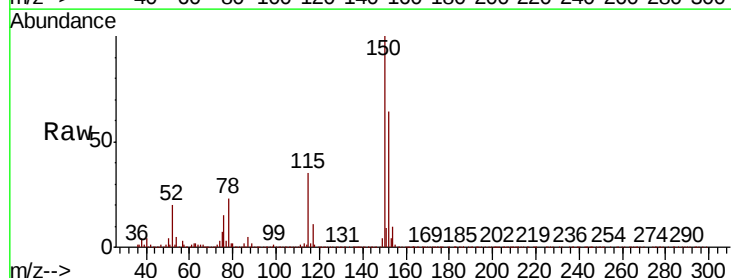
Tgt Ion:152 Resp: 412493

Ion Ratio Lower Upper

152 100

115 54.8 38.4 115.1

150 156.9 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

