

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112719\
 Data File : VX013673.D
 Acq On : 28 Nov 2019 00:24
 Operator : JC/SP
 Sample : K6027-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-11

Quant Time: Dec 02 06:48:34 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

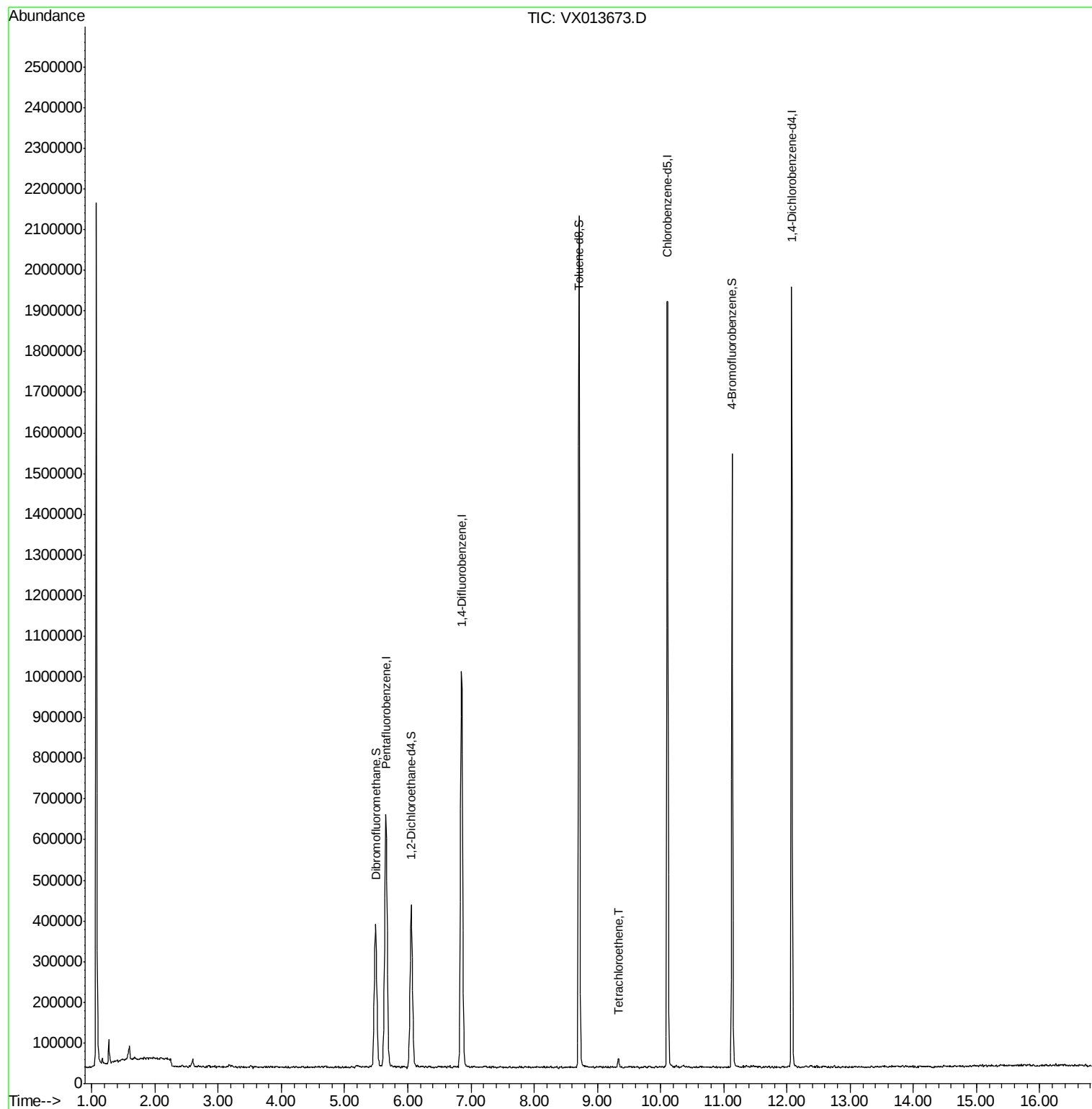
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	647019	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1018091	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	896402	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	393195	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	372920	49.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.30%	
35) Dibromofluoromethane	5.49	113	304071	48.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.62%	
50) Toluene-d8	8.71	98	1210393	49.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.72%	
62) 4-Bromofluorobenzene	11.14	95	398362	45.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.10%	
Target Compounds						
64) Tetrachloroethene	9.33	164	5054	0.756	ug/l	Qvalue 90

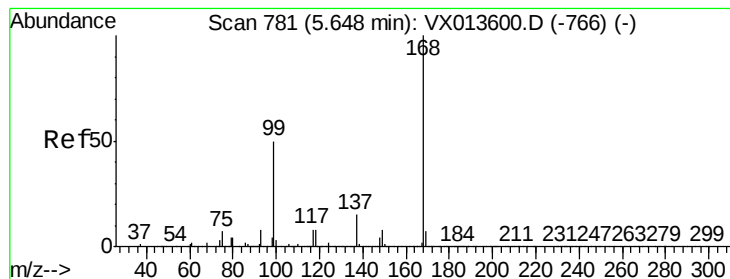
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX013673.D

Acq: 28 Nov 2019 00:24

Instrument :

MSVOA_X

ClientSampleId :

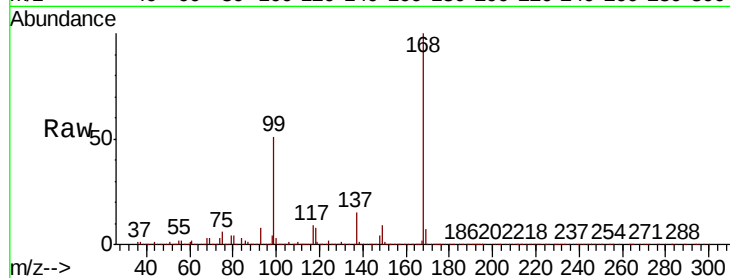
MW-11

Tot Ion:168 Resp: 647019

Ion Ratio Lower Upper

168 100

99 50.4 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

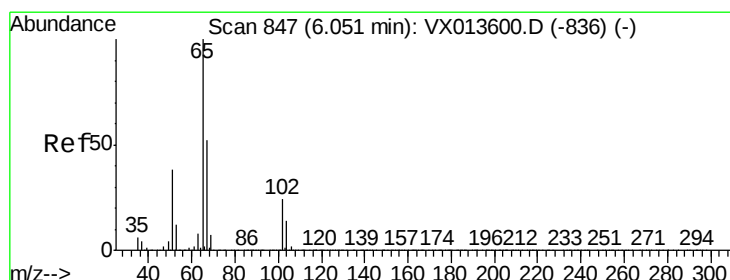
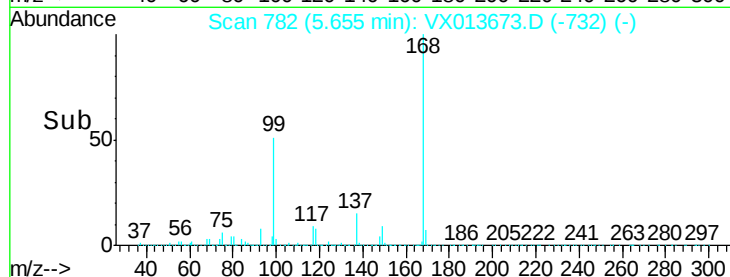
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 49.654 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX013673.D

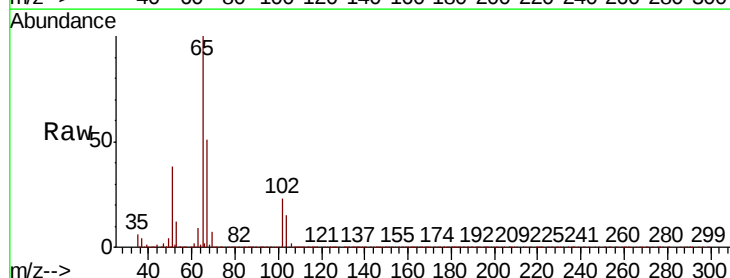
Acq: 28 Nov 2019 00:24

Tgt Ion: 65 Resp: 372920

Ion Ratio Lower Upper

65 100

67 52.4 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

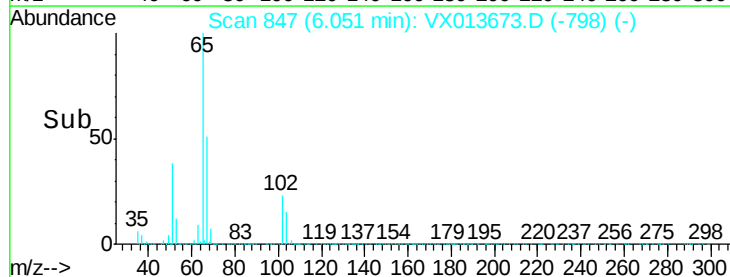
150000

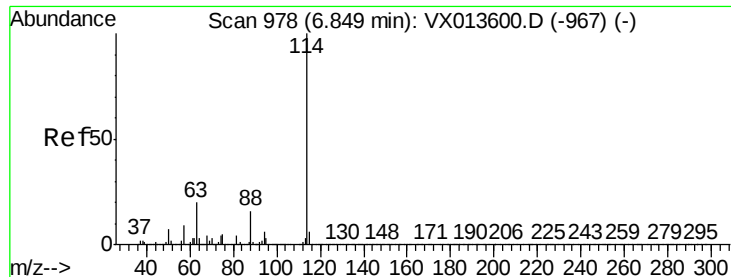
100000

50000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX013673.D

Acq: 28 Nov 2019 00:24

Instrument :

MSVOA_X

ClientSampled :

MW-11

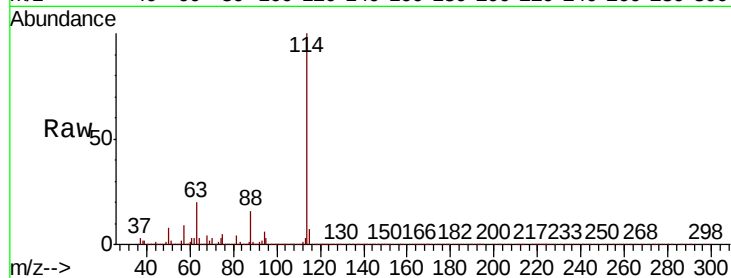
Tot Ion:114 Resp: 1018091

Ion Ratio Lower Upper

114 100

63 20.4 0.0 39.6

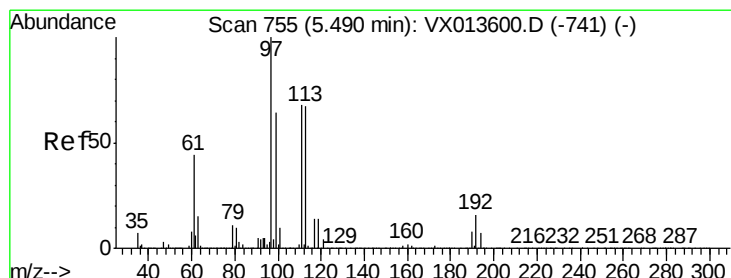
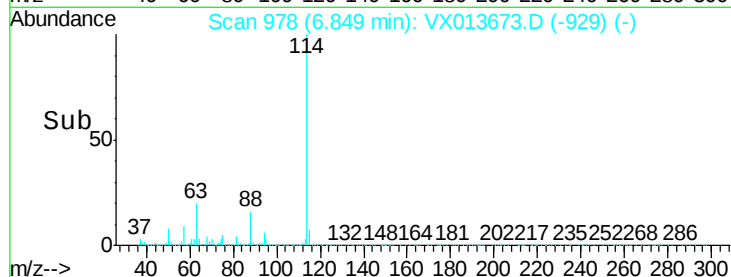
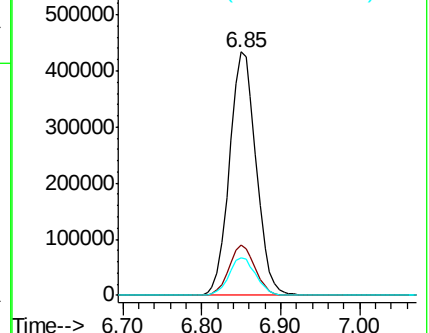
88 15.5 0.0 31.4



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: 48.312 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX013673.D

Acq: 28 Nov 2019 00:24

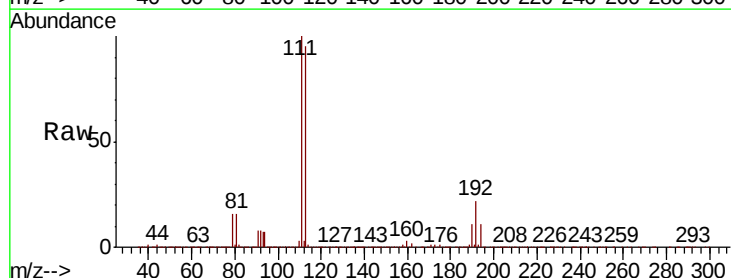
Tgt Ion:113 Resp: 304071

Ion Ratio Lower Upper

113 100

111 102.9 83.6 125.4

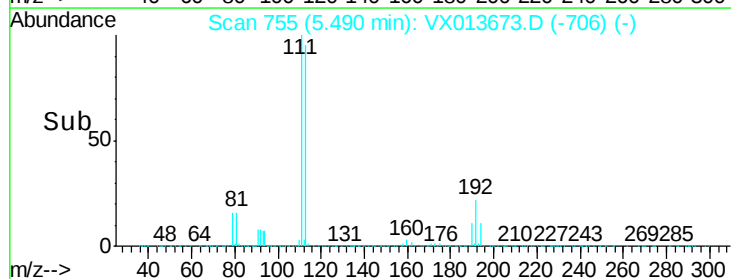
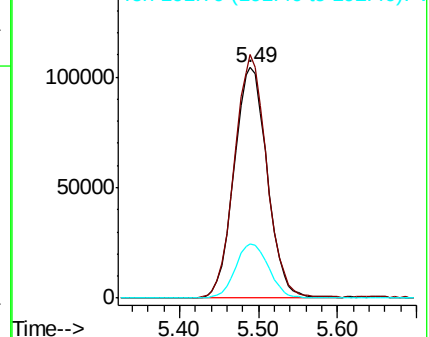
192 23.9 19.2 28.8

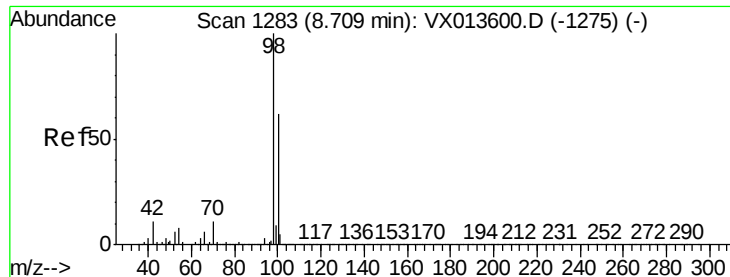


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.359 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX013673.D

Acq: 28 Nov 2019 00:24

Instrument :

MSVOA_X

ClientSampleId :

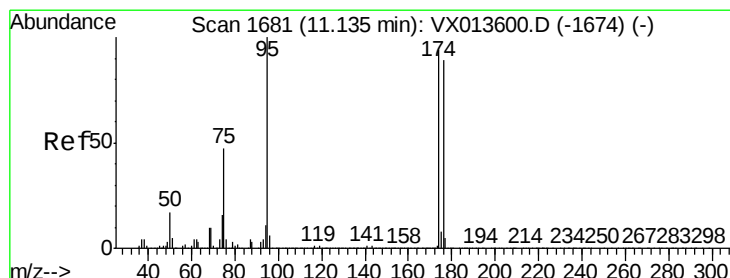
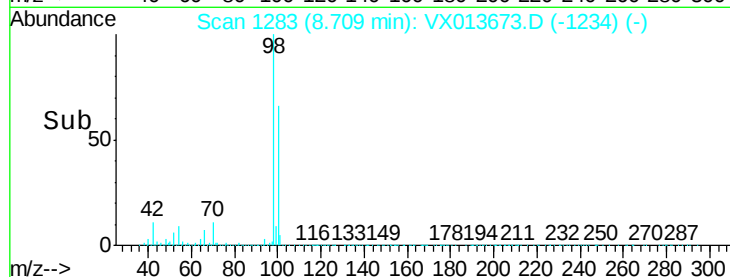
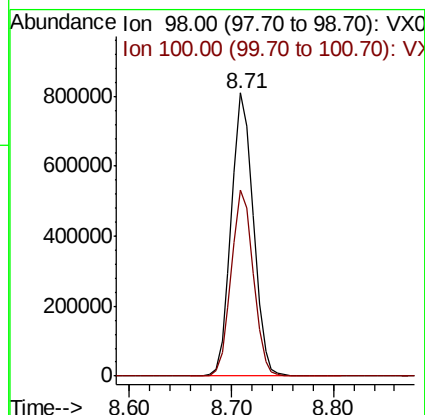
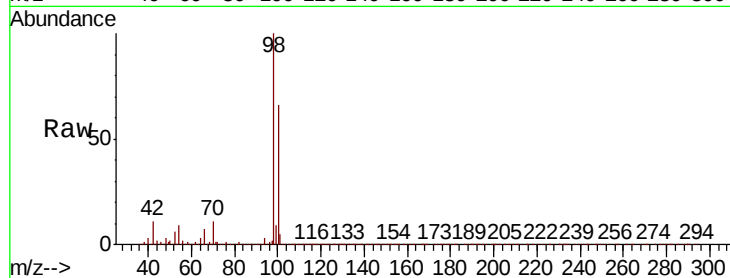
MW-11

Tot Ion: 98 Resp: 1210393

Ion Ratio Lower Upper

98 100

100 65.7 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 45.050 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX013673.D

Acq: 28 Nov 2019 00:24

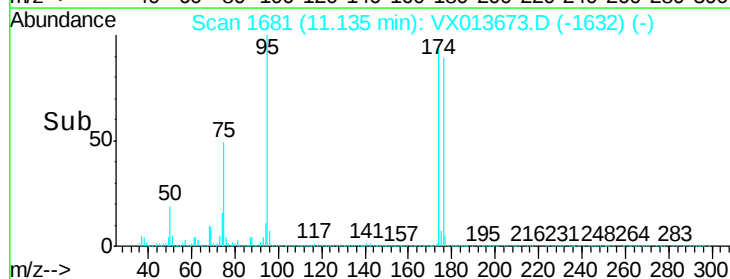
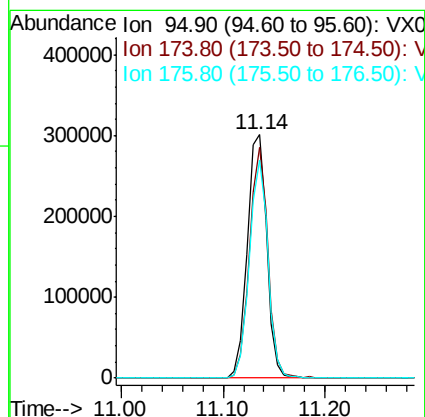
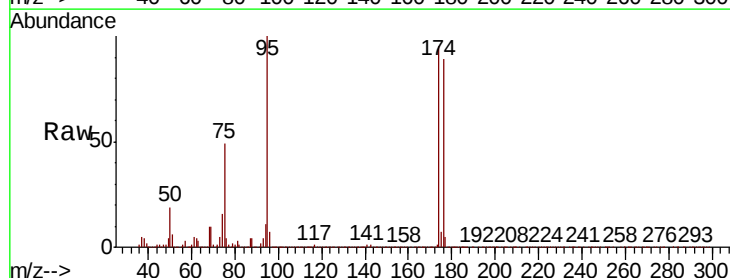
Tgt Ion: 95 Resp: 398362

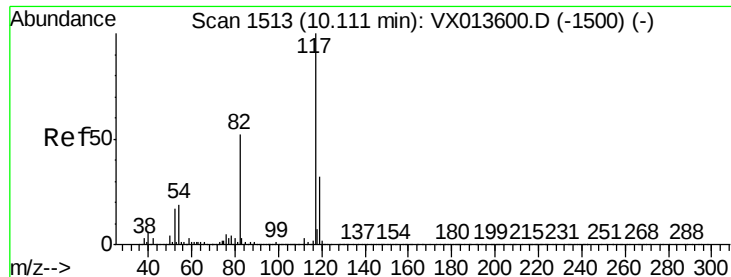
Ion Ratio Lower Upper

95 100

174 90.4 0.0 180.0

176 86.1 0.0 173.6

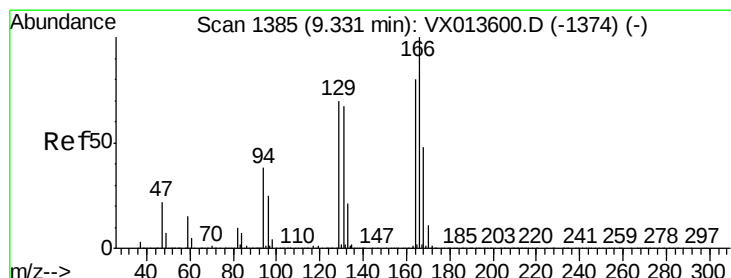
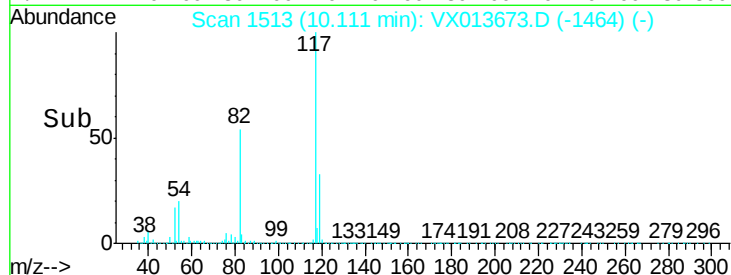
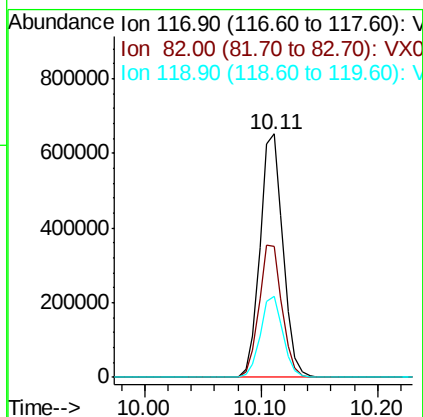
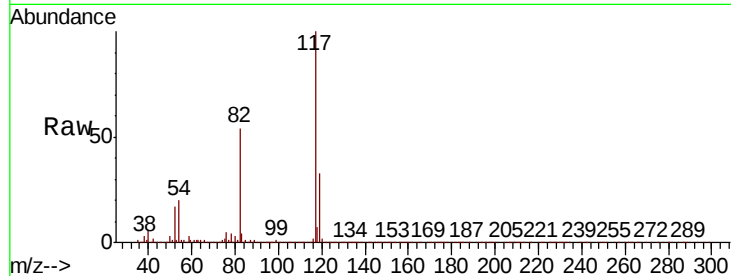




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013673.D
Acq: 28 Nov 2019 00:24

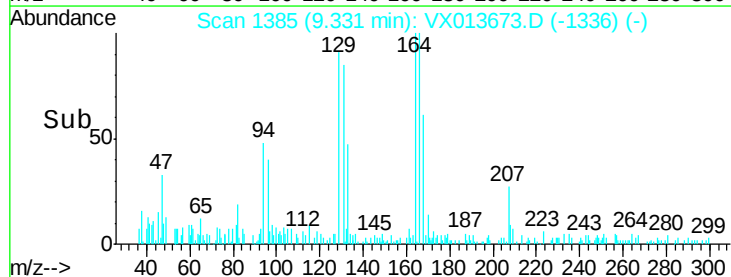
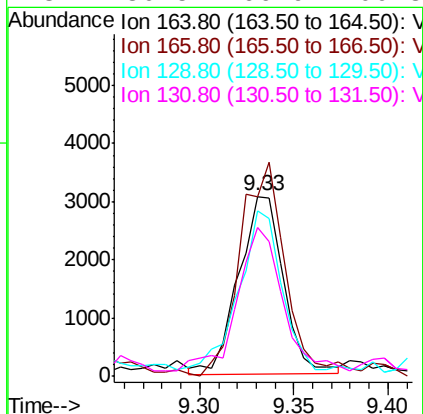
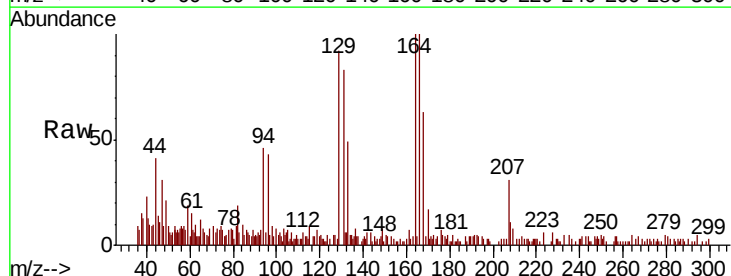
Instrument :
MSVOA_X
ClientSampleId :
MW-11

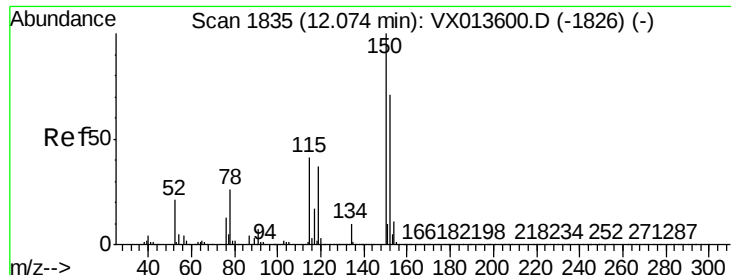
Tot Ion:117 Resp: 896402
Ion Ratio Lower Upper
117 100
82 53.7 41.8 62.8
119 33.1 25.8 38.8



#64
Tetrachloroethene
Concen: 0.756 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013673.D
Acq: 28 Nov 2019 00:24

Tgt Ion:164 Resp: 5054
Ion Ratio Lower Upper
164 100
166 103.2 99.7 149.5
129 91.3 70.1 105.1
131 80.5 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: VX013673.D

Acq: 28 Nov 2019 00:24

Instrument :

MSVOA_X

ClientSampleId :

MW-11

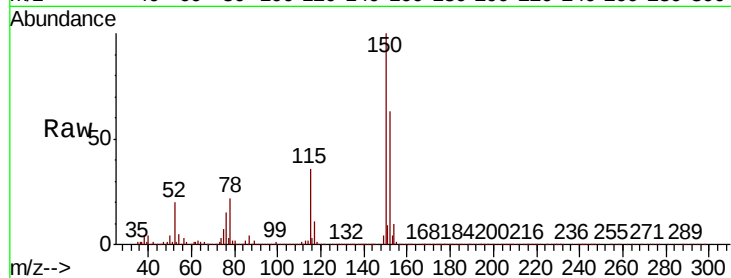
Tot Ion:152 Resp: 393195

Ion Ratio Lower Upper

152 100

115 55.1 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

