

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX021220\
 Data File : VX014927.D
 Acq On : 12 Feb 2020 15:46
 Operator : JC/SP
 Sample : L1503-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2

Quant Time: Feb 13 04:14:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 10 12:09:20 2020
 Response via : Initial Calibration

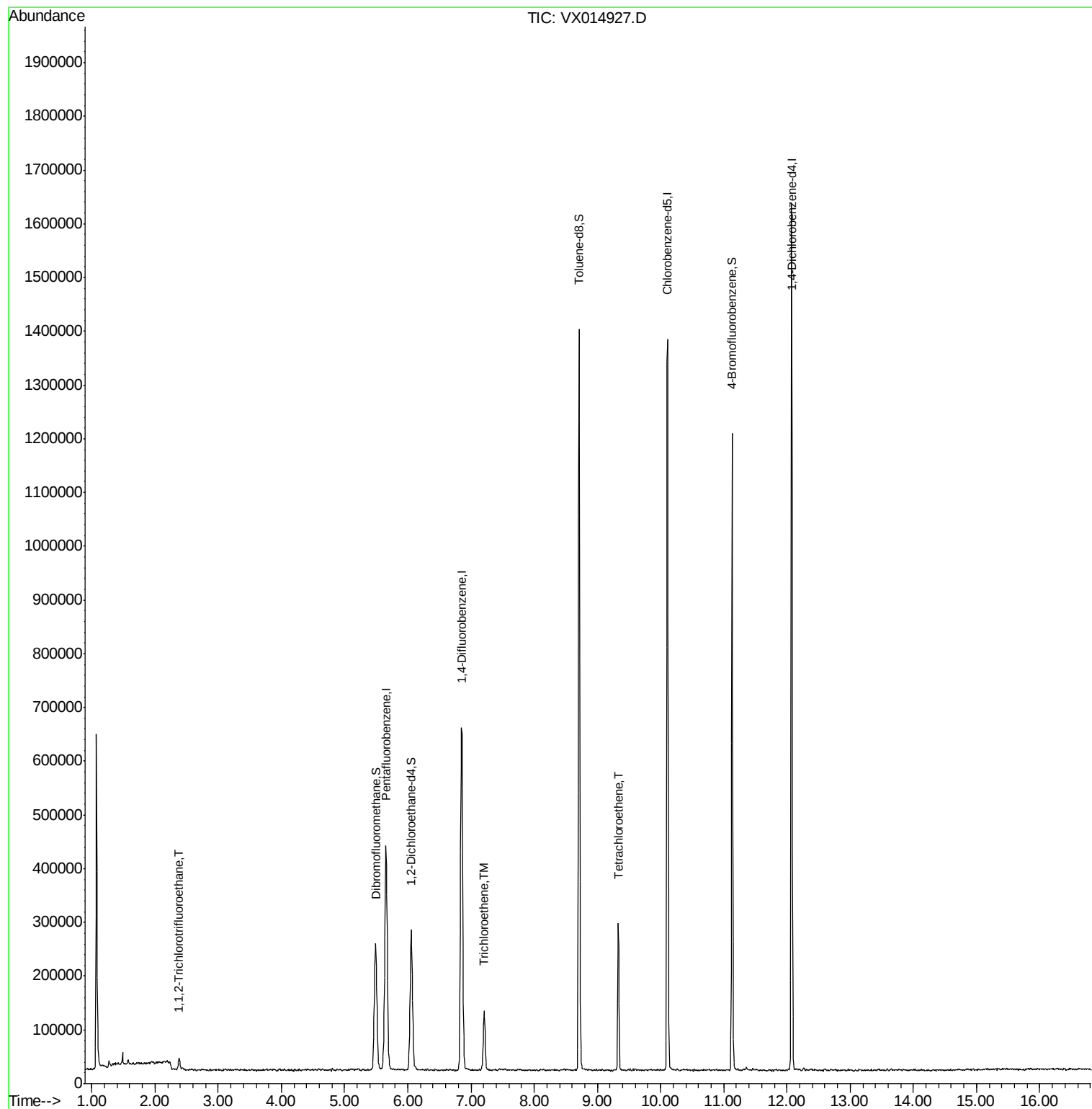
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	425416	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	665220	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	645302	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	344448	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	247515	51.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.10%	
35) Dibromofluoromethane	5.49	113	205447	50.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.48%	
50) Toluene-d8	8.71	98	800259	51.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.52%	
62) 4-Bromofluorobenzene	11.14	95	302700	53.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.66%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	2.38	101	10098	2.531	ug/l	96
44) Trichloroethene	7.20	130	45631	8.841	ug/l	99
64) Tetrachloroethene	9.33	164	56265	9.326	ug/l	94

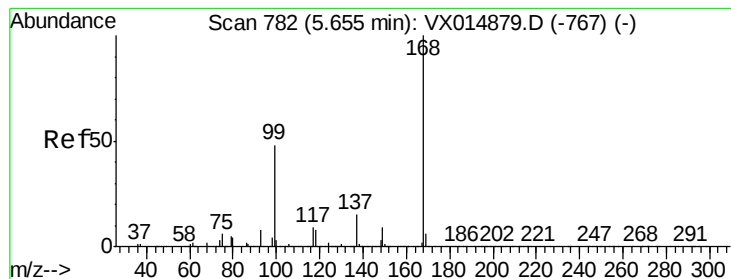
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Feb 10 12:09:20 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.00 min

Lab File: VX014927.D

Acq: 12 Feb 2020 15:46

Instrument :

MSVOA_X

ClientSampleId :

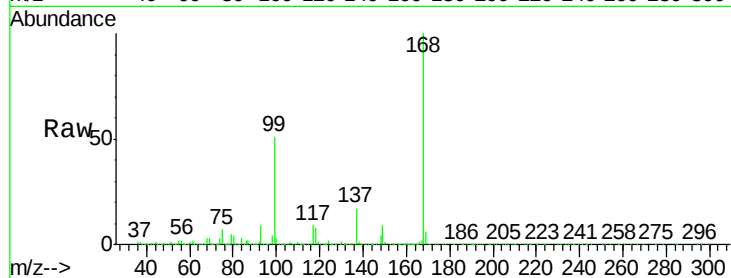
MW-2

Tot Ion:168 Resp: 425416

Ion Ratio Lower Upper

168 100

99 50.8 38.7 58.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

150000

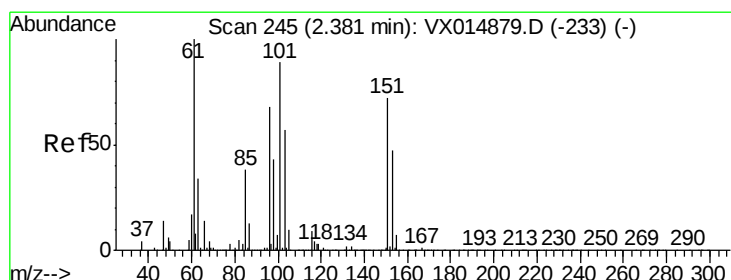
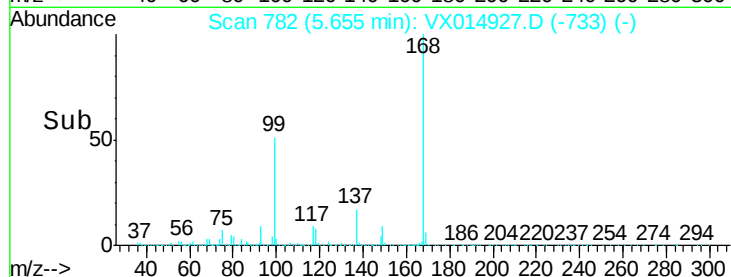
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#9

1,1,2-Trichlorotrifluoroethane

Concen: 2.531 ug/l

RT: 2.38 min Scan# 245

Delta R.T. -0.00 min

Lab File: VX014927.D

Acq: 12 Feb 2020 15:46

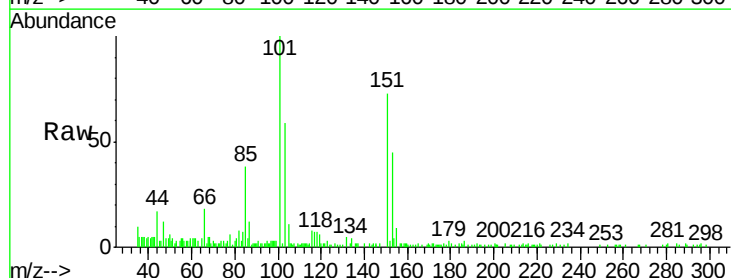
Tgt Ion:101 Resp: 10098

Ion Ratio Lower Upper

101 100

85 40.2 34.1 51.1

151 79.8 67.3 100.9



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

6000

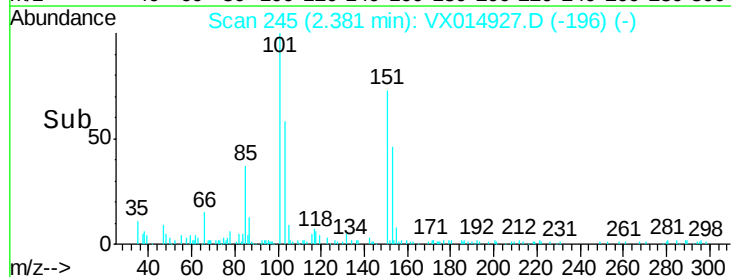
4000

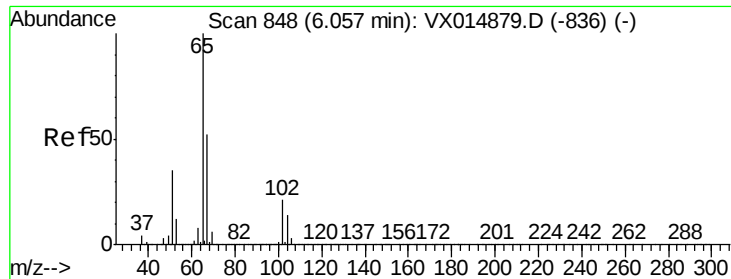
2000

0

2.30 2.35 2.40 2.45

Time-->





#33

1,2-Dichloroethane-d4

Concen: 51.553 ug/l

RT: 6.06 min Scan# 848

Delta R.T. -0.00 min

Lab File: VX014927.D

Acq: 12 Feb 2020 15:46

Instrument :

MSVOA_X

ClientSampled :

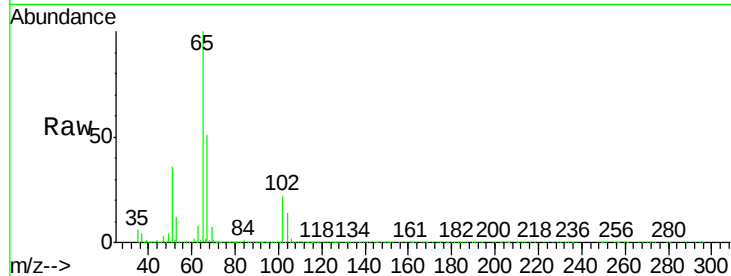
MW-2

Tot Ion: 65 Resp: 247515

Ion Ratio Lower Upper

65 100

67 52.1 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

100000

80000

60000

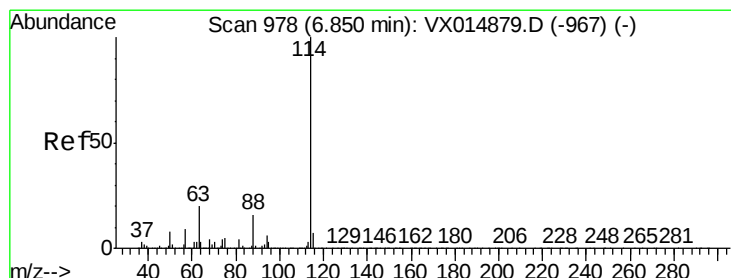
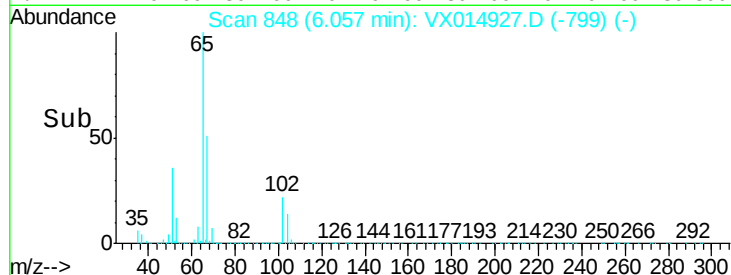
40000

20000

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: VX014927.D

Acq: 12 Feb 2020 15:46

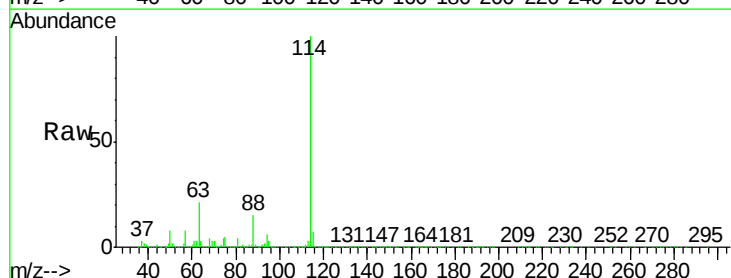
Tgt Ion: 114 Resp: 665220

Ion Ratio Lower Upper

114 100

63 20.6 0.0 39.2

88 15.4 0.0 32.0



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

6.85

300000

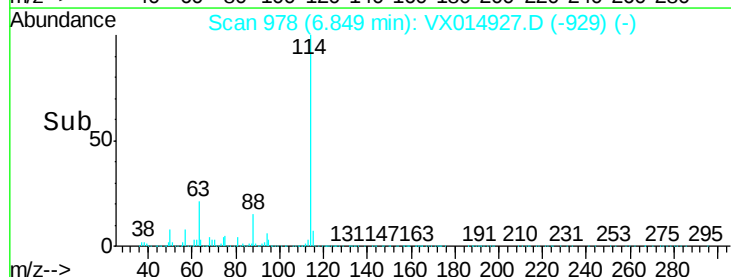
200000

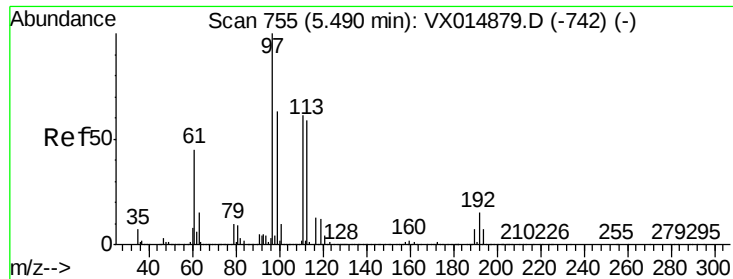
100000

0

Time-->

6.70 6.80 6.90 7.00





#35

Dibromofluoromethane

Concen: 50.236 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX014927.D

Acq: 12 Feb 2020 15:46

Instrument :

MSVOA_X

ClientSampleId :

MW-2

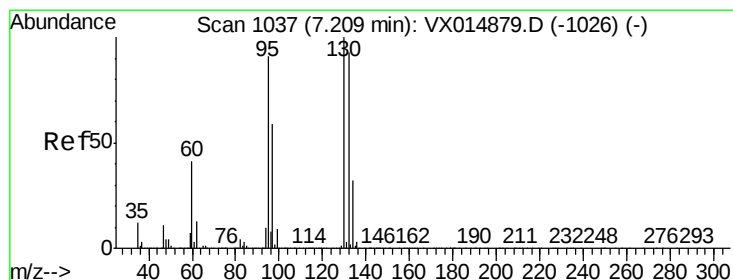
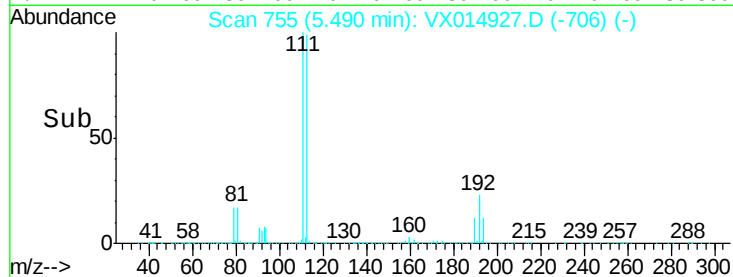
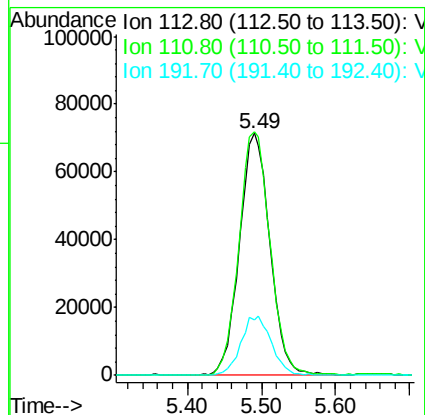
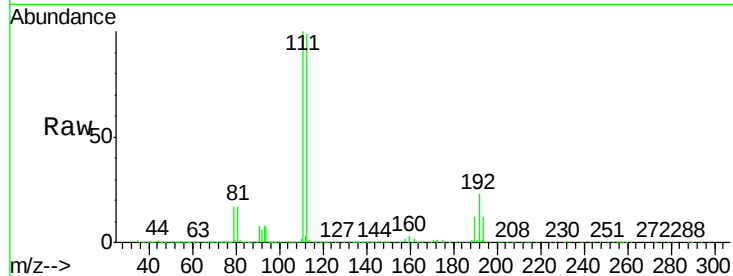
Tot Ion:113 Resp: 205447

Ion Ratio Lower Upper

113 100

111 102.4 82.4 123.6

192 24.6 19.1 28.7



#44

Trichloroethene

Concen: 8.841 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX014927.D

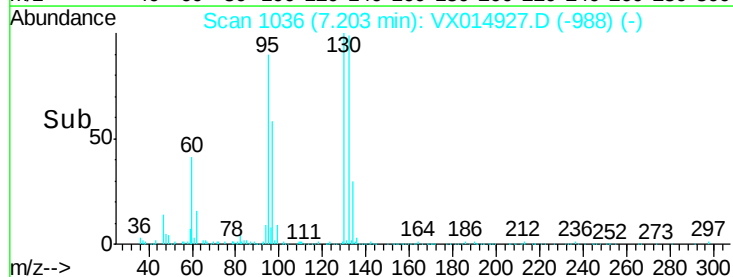
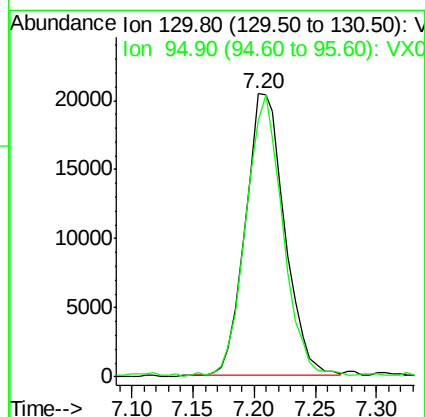
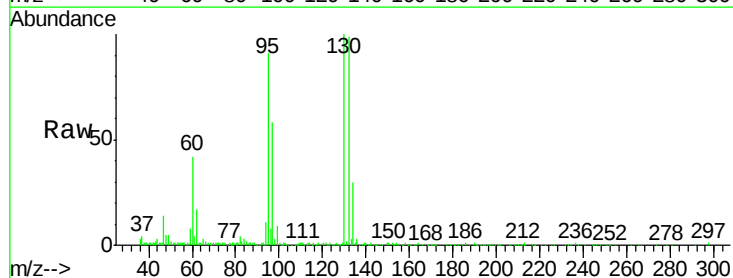
Acq: 12 Feb 2020 15:46

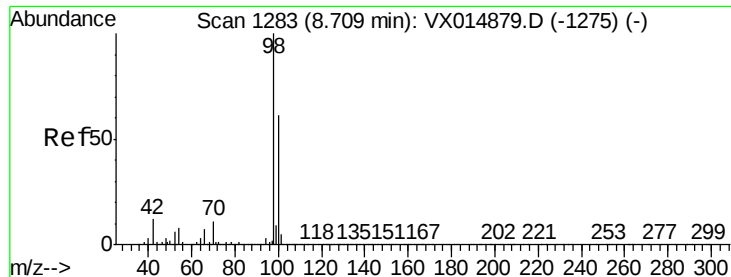
Tgt Ion:130 Resp: 45631

Ion Ratio Lower Upper

130 100

95 90.6 0.0 182.6





#50

Toluene-d8

Concen: 51.264 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX014927.D

Acq: 12 Feb 2020 15:46

Instrument :

MSVOA_X

ClientSampleId :

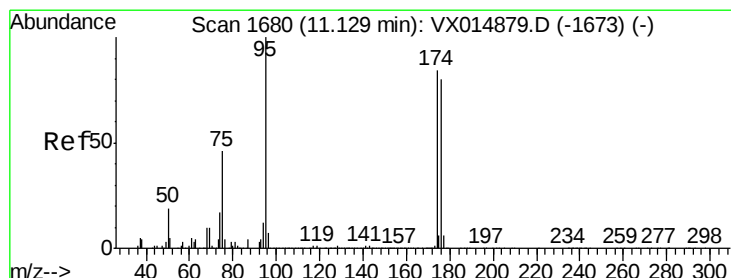
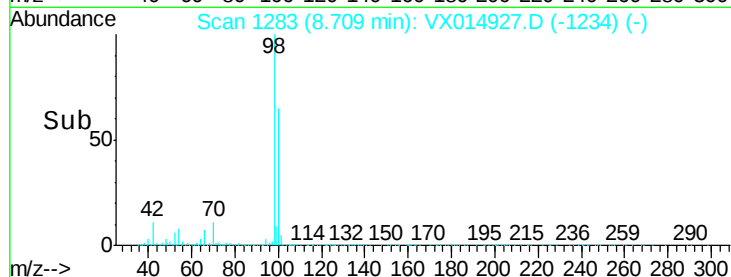
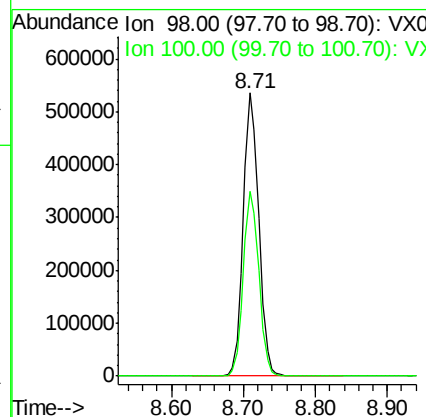
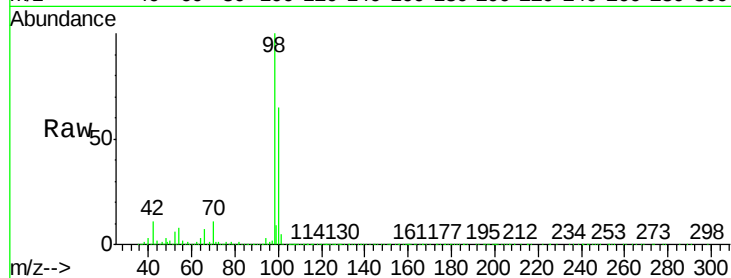
MW-2

Tot Ion: 98 Resp: 800259

Ion Ratio Lower Upper

98 100

100 65.7 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 53.829 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.01 min

Lab File: VX014927.D

Acq: 12 Feb 2020 15:46

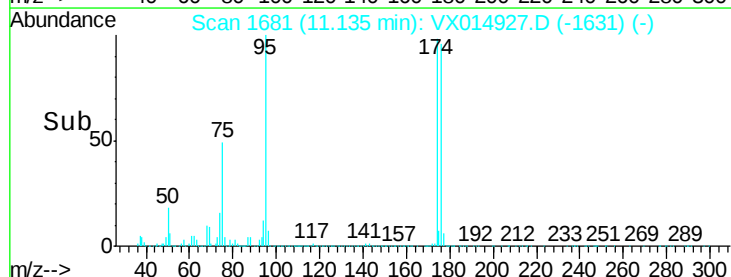
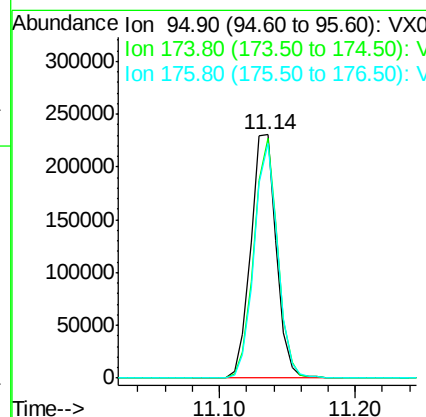
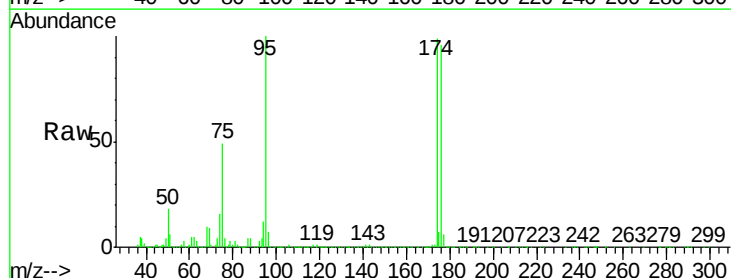
Tgt Ion: 95 Resp: 302700

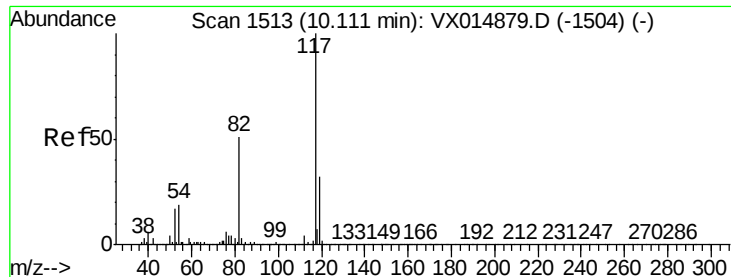
Ion Ratio Lower Upper

95 100

174 91.8 0.0 183.0

176 89.4 0.0 178.0

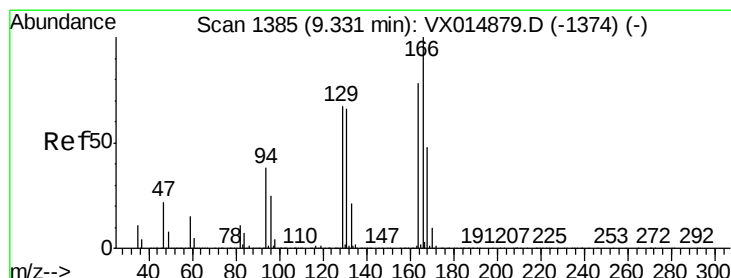
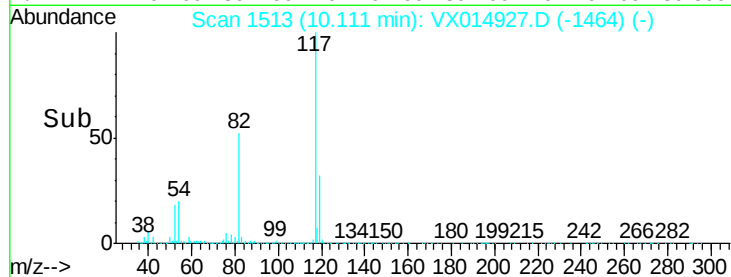
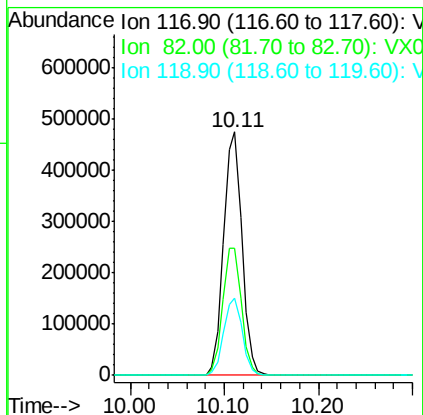
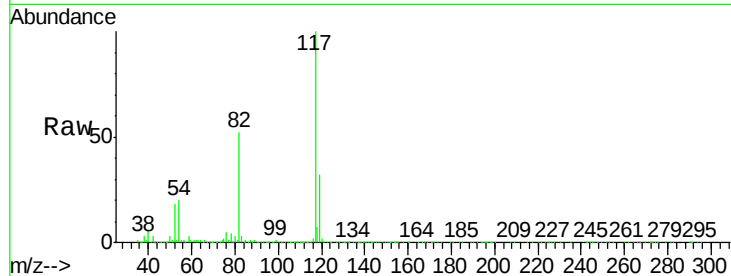




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX014927.D
Acq: 12 Feb 2020 15:46

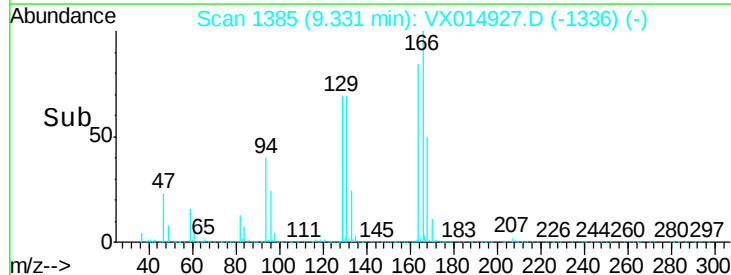
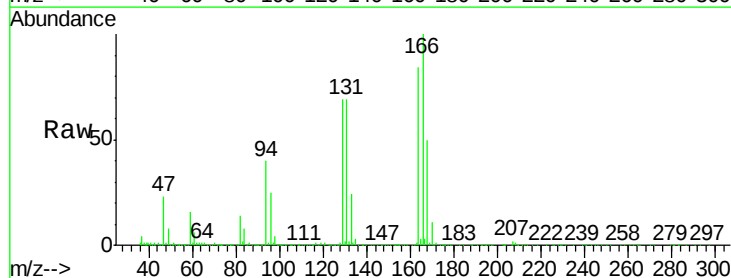
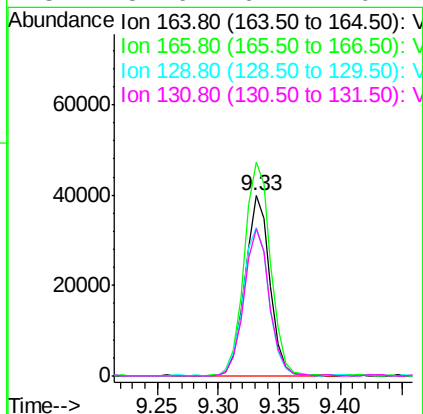
Instrument :
MSVOA_X
ClientSampled :
MW-2

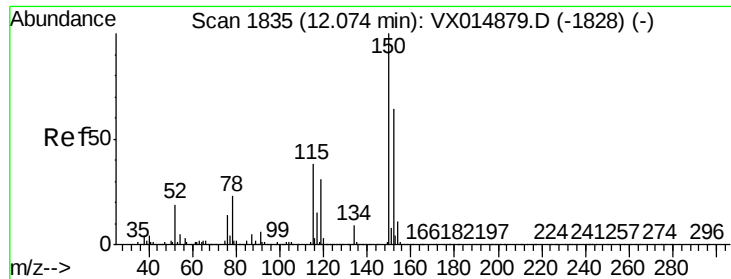
Tot Ion:117 Resp: 645302
Ion Ratio Lower Upper
117 100
82 52.3 40.5 60.7
119 31.8 25.8 38.6



#64
Tetrachloroethene
Concen: 9.326 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX014927.D
Acq: 12 Feb 2020 15:46

Tgt Ion:164 Resp: 56265
Ion Ratio Lower Upper
164 100
166 118.2 102.6 153.8
129 81.9 68.3 102.5
131 81.6 67.4 101.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX014927.D

Acq: 12 Feb 2020 15:46

Instrument :

MSVOA_X

ClientSampleId :

MW-2

Tot Ion:152 Resp: 344448

Ion Ratio Lower Upper

152 100

115 53.7 38.6 116.0

150 154.5 0.0 349.0

