

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX021220\
 Data File : VX014929.D
 Acq On : 12 Feb 2020 16:31
 Operator : JC/SP
 Sample : L1503-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3

Quant Time: Feb 13 04:42:30 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

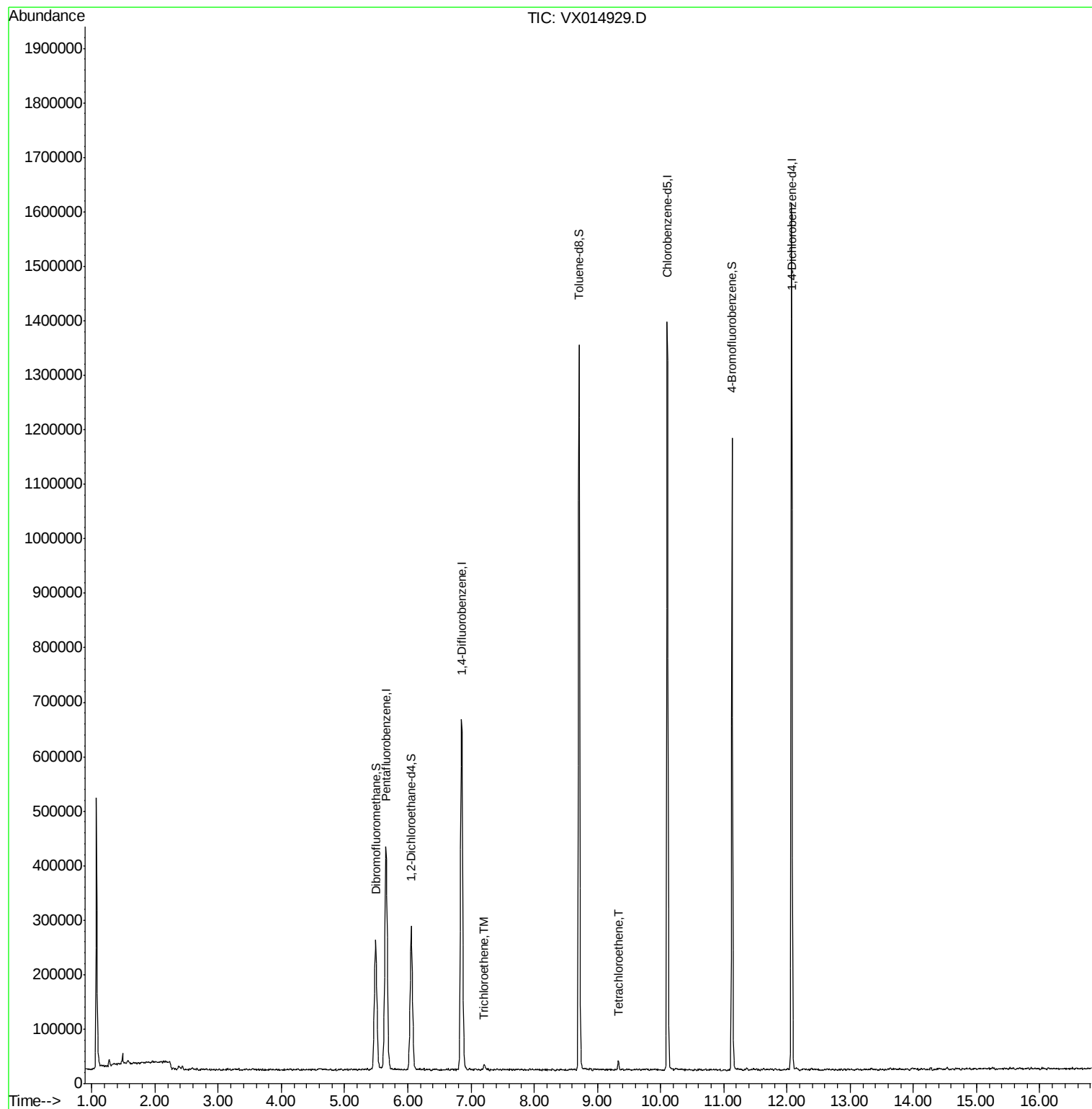
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	423920	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	668745	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	633597	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	341052	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	243521	50.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.80%	
35) Dibromofluoromethane	5.49	113	205129	49.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.78%	
50) Toluene-d8	8.71	98	794745	50.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.28%	
62) 4-Bromofluorobenzene	11.13	95	298646	52.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.66%	
Target Compounds						
44) Trichloroethene	7.21	130	4452	0.858	ug/l	89
64) Tetrachloroethene	9.33	164	3228	0.545	ug/l	87

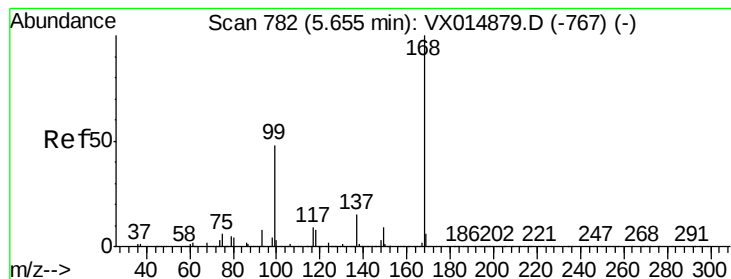
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.00 min

Lab File: VX014929.D

Acq: 12 Feb 2020 16:31

Instrument :

MSVOA_X

ClientSampleId :

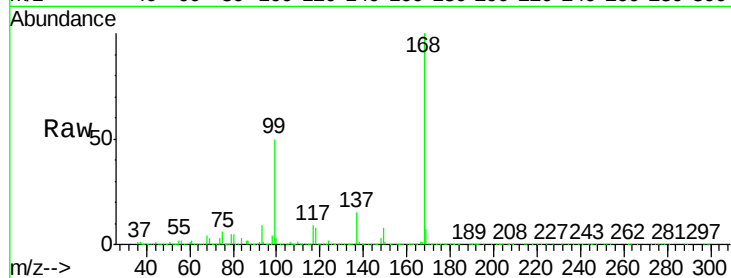
MW-3

Tot Ion:168 Resp: 423920

Ion Ratio Lower Upper

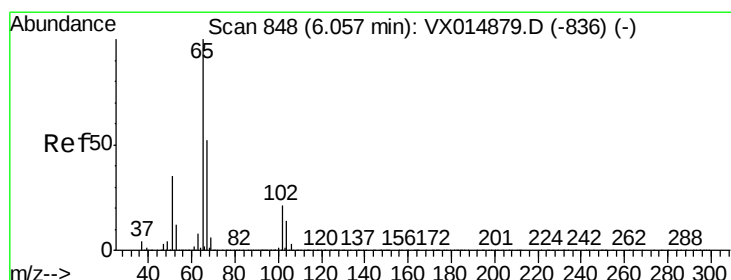
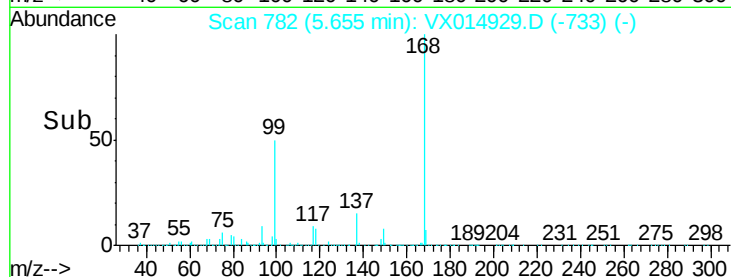
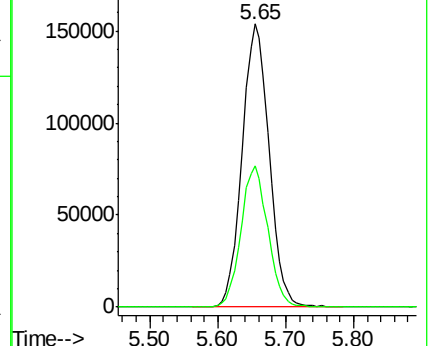
168 100

99 49.9 38.7 58.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 50.900 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.00 min

Lab File: VX014929.D

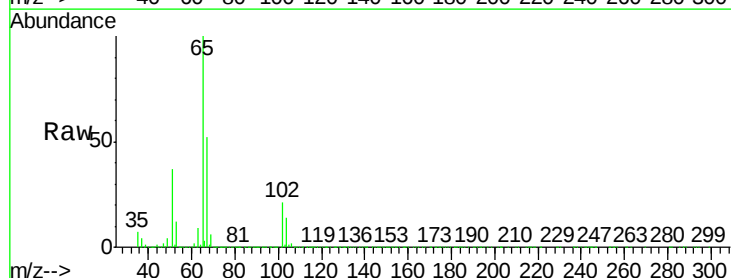
Acq: 12 Feb 2020 16:31

Tgt Ion: 65 Resp: 243521

Ion Ratio Lower Upper

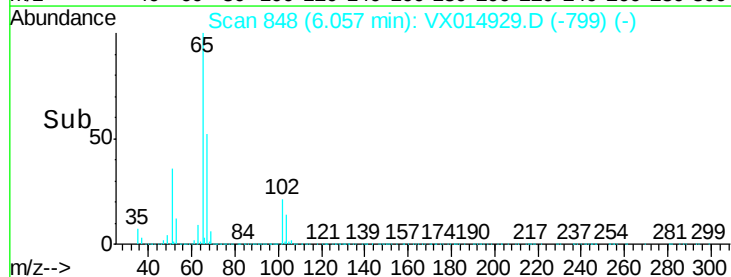
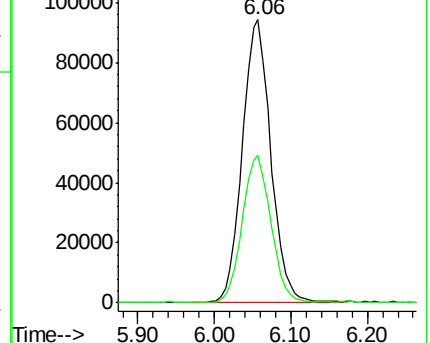
65 100

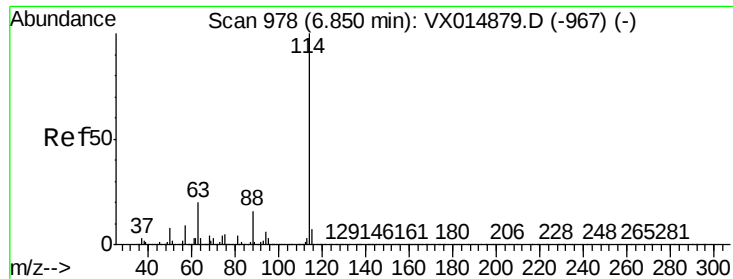
67 52.0 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014929.D

Acq: 12 Feb 2020 16:31

Instrument :

MSVOA_X

ClientSampleId :

MW-3

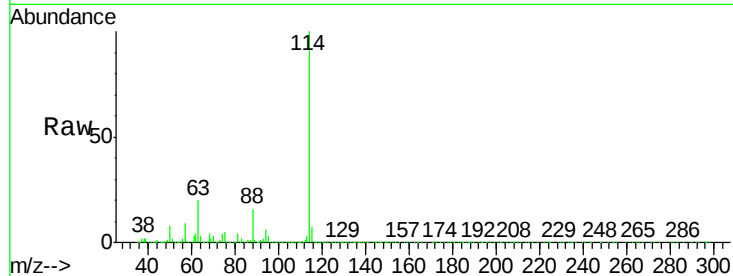
Tot Ion:114 Resp: 668745

Ion Ratio Lower Upper

114 100

63 19.8 0.0 39.2

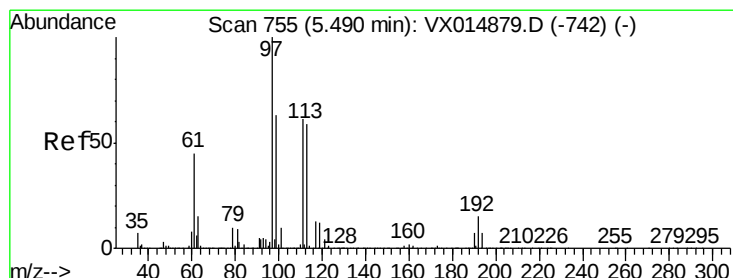
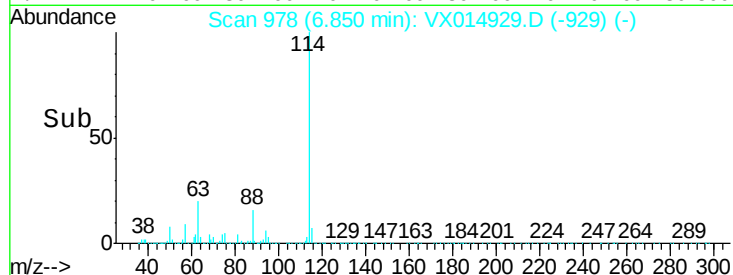
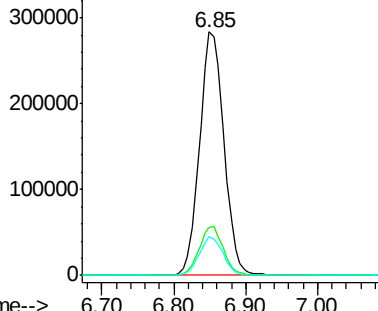
88 15.7 0.0 32.0



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



#35

Dibromofluoromethane

Concen: 49.894 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX014929.D

Acq: 12 Feb 2020 16:31

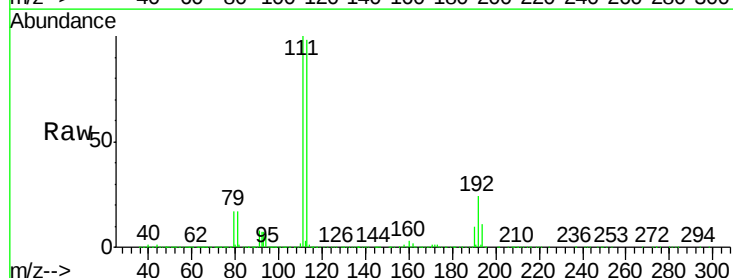
Tgt Ion:113 Resp: 205129

Ion Ratio Lower Upper

113 100

111 101.9 82.4 123.6

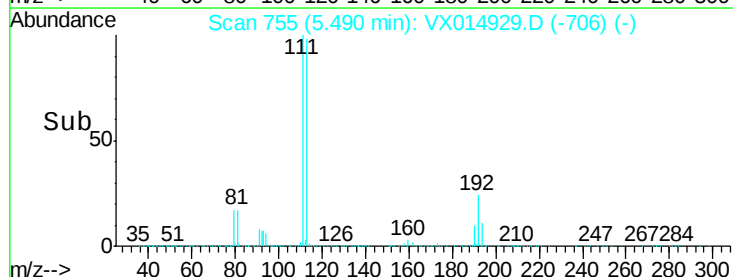
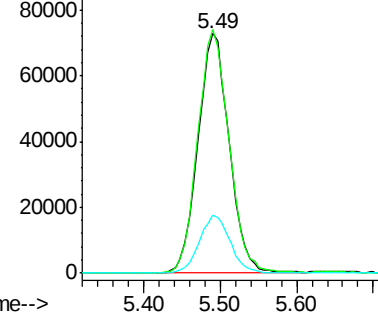
192 23.9 19.1 28.7

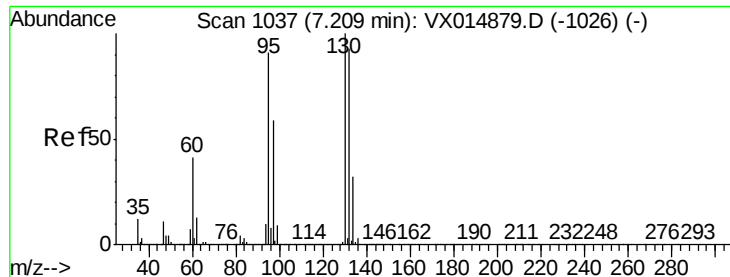


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 0.858 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VX014929.D

Acq: 12 Feb 2020 16:31

Instrument :

MSVOA_X

ClientSampleId :

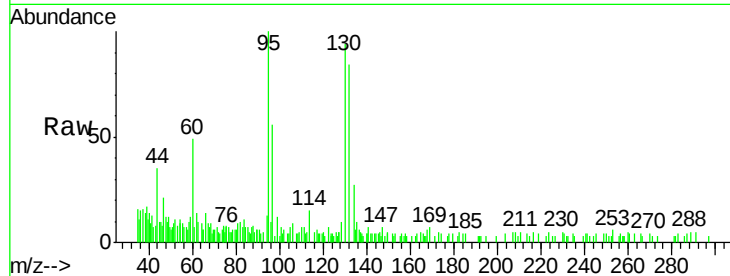
MW-3

Tot Ion:130 Resp: 4452

Ion Ratio Lower Upper

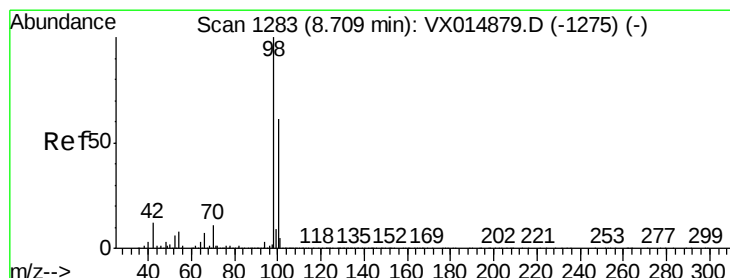
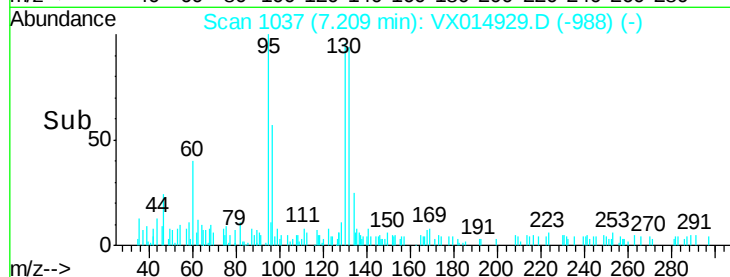
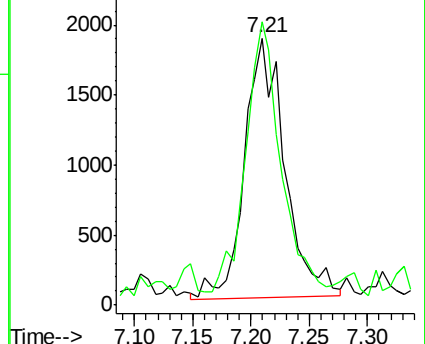
130 100

95 101.9 0.0 182.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 50.643 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014929.D

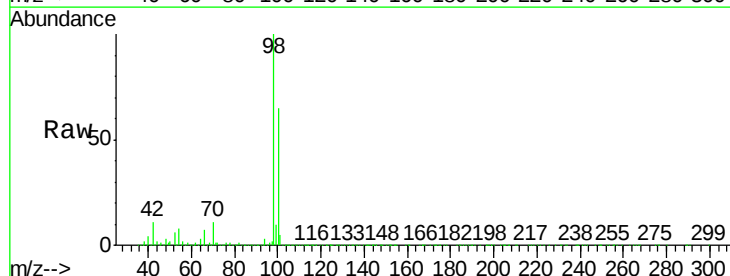
Acq: 12 Feb 2020 16:31

Tgt Ion: 98 Resp: 794745

Ion Ratio Lower Upper

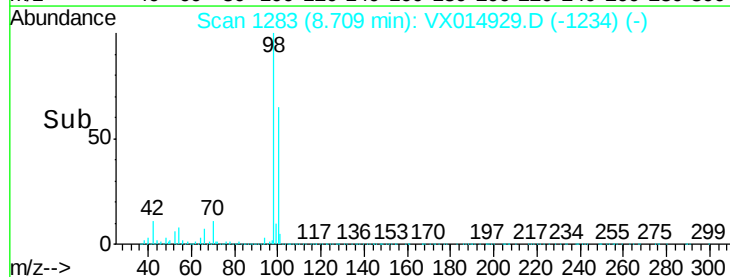
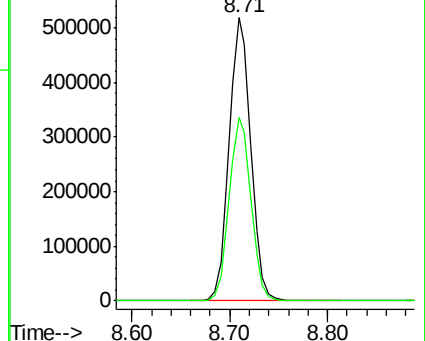
98 100

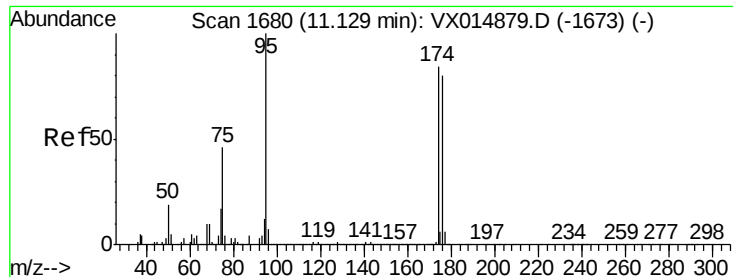
100 65.4 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 52.828 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX014929.D

Acq: 12 Feb 2020 16:31

Instrument :

MSVOA_X

ClientSampleId :

MW-3

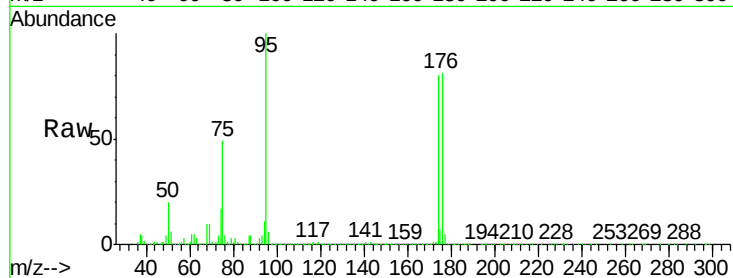
Tot Ion: 95 Resp: 298646

Ion Ratio Lower Upper

95 100

174 91.8 0.0 183.0

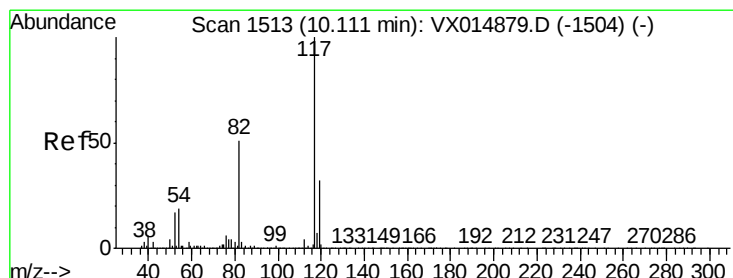
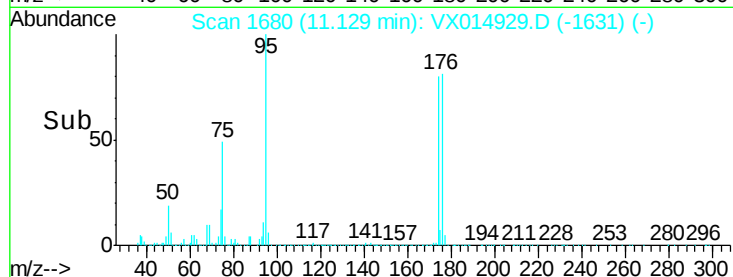
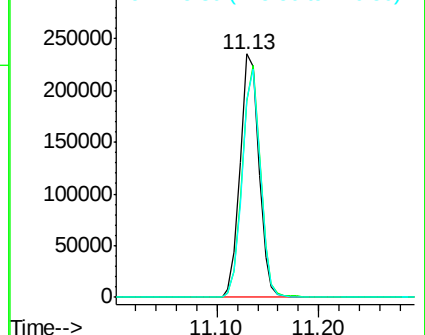
176 90.2 0.0 178.0



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



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1512

Delta R.T. -0.01 min

Lab File: VX014929.D

Acq: 12 Feb 2020 16:31

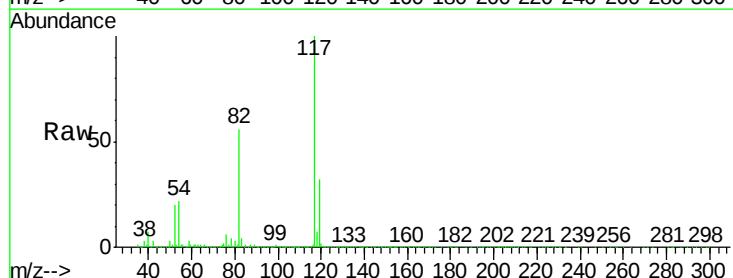
Tgt Ion: 117 Resp: 633597

Ion Ratio Lower Upper

117 100

82 56.3 40.5 60.7

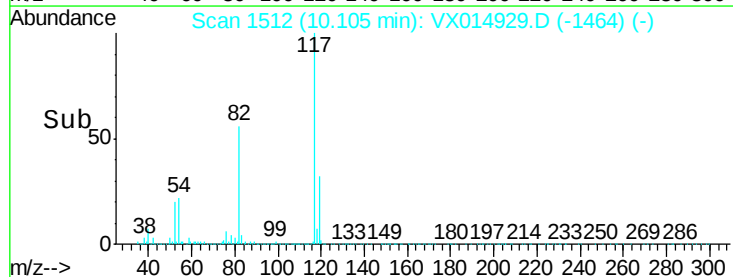
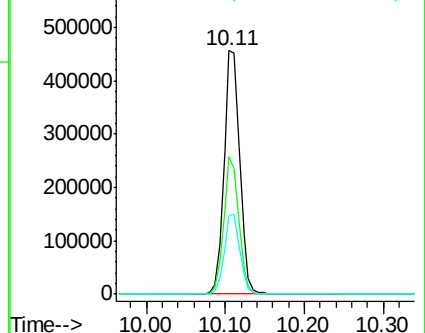
119 32.3 25.8 38.6

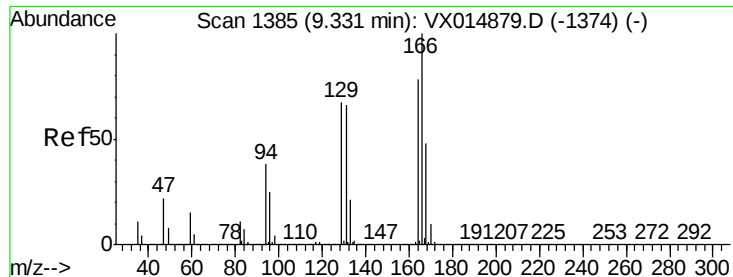


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

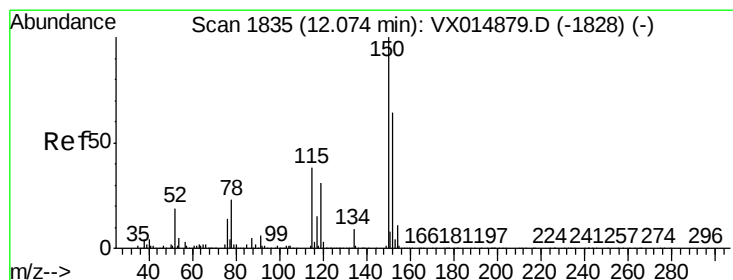
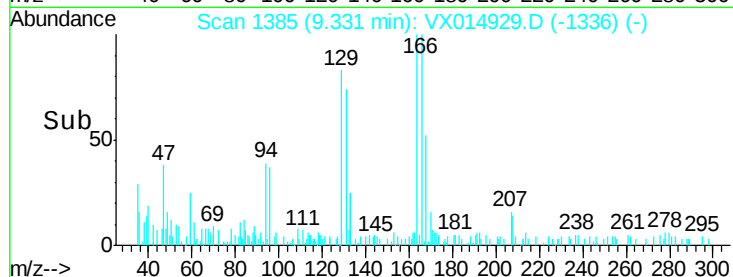
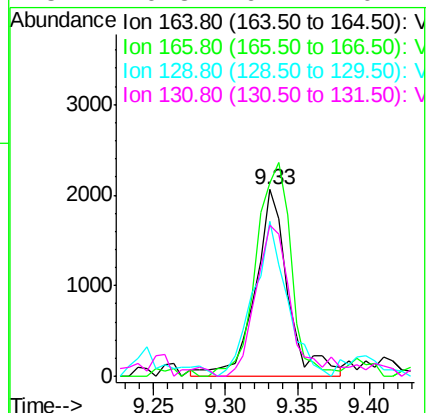
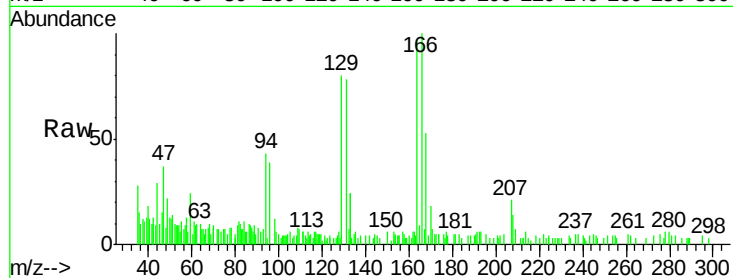




#64
Tetrachloroethene
Concen: 0.545 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014929.D
Acq: 12 Feb 2020 16:31

Instrument :
MSVOA_X
ClientSampleId :
MW-3

Tot Ion:	164	Resp:	3228
Ion	Ratio	Lower	Upper
164	100		
166	104.2	102.6	153.8
129	80.8	68.3	102.5
131	76.3	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: VX014929.D
Acq: 12 Feb 2020 16:31

Tgt Ion:	152	Resp:	341052
Ion	Ratio	Lower	Upper
152	100		
115	54.2	38.6	116.0
150	154.7	0.0	349.0

