

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041520\
 Data File : VX015679.D
 Acq On : 15 Apr 2020 13:44
 Operator : JC/SP
 Sample : L2233-20
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z3-TB4-200408

Quant Time: Apr 16 06:41:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

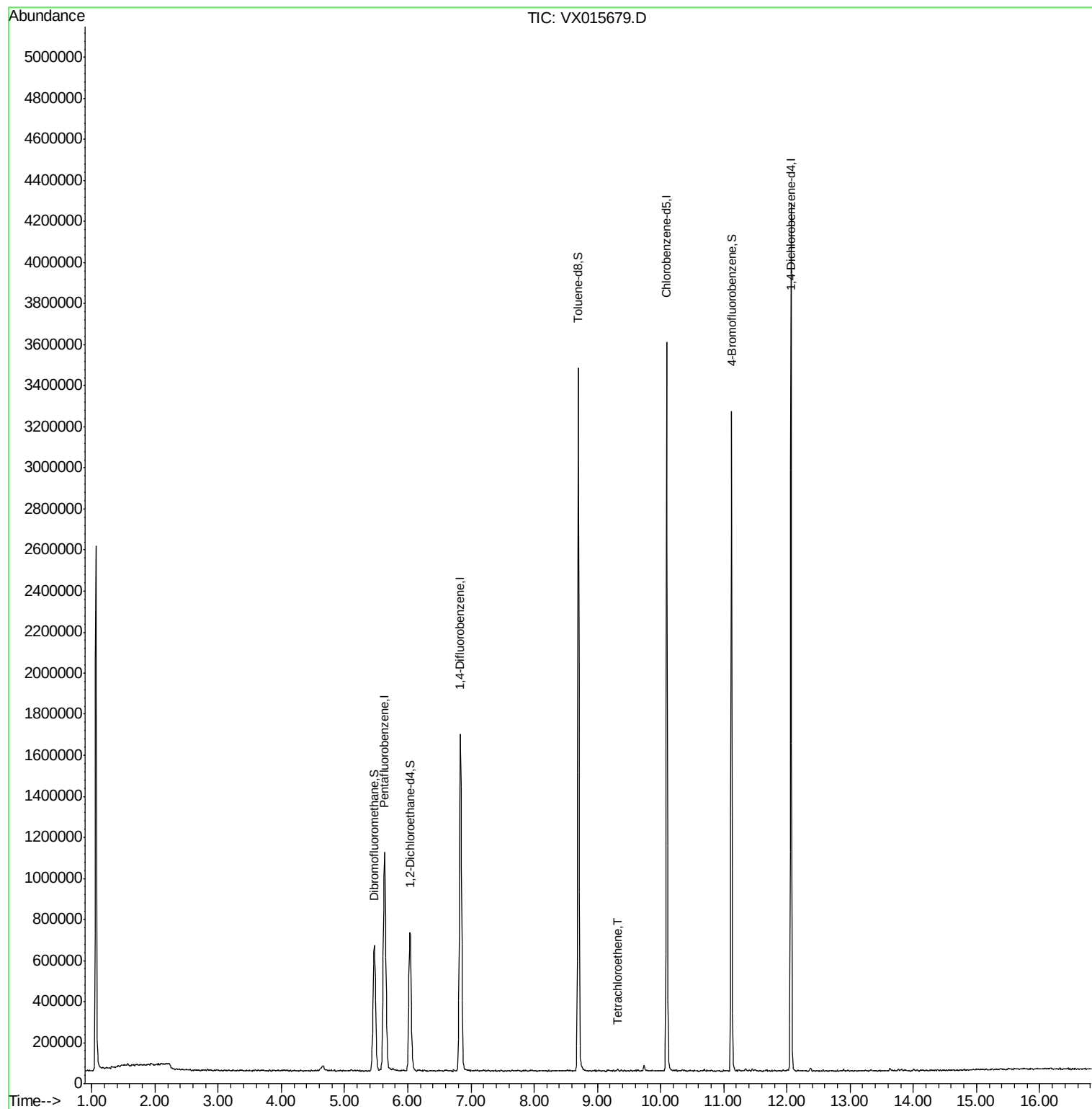
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	1070676	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1679813	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1586119	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	865230	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	660824	43.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.52%	
35) Dibromofluoromethane	5.47	113	516338	48.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.18%	
50) Toluene-d8	8.70	98	1979835	50.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.16%	
62) 4-Bromofluorobenzene	11.12	95	827749	51.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.04%	
Target Compounds						
64) Tetrachloroethene	9.32	164	2757	0.230	ug/l #	80

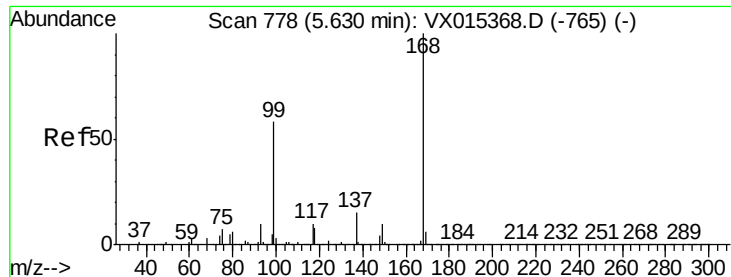
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 778

Delta R.T. 0.00 min

Lab File: VX015679.D

Acq: 15 Apr 2020 13:44

Instrument :

MSVOA_X

ClientSampleId :

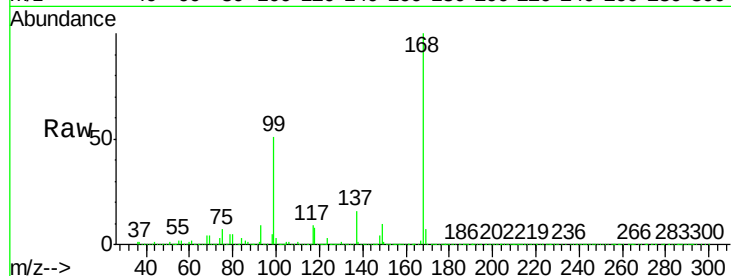
Z3-TB4-200408

Tot Ion:168 Resp: 1070676

Ion Ratio Lower Upper

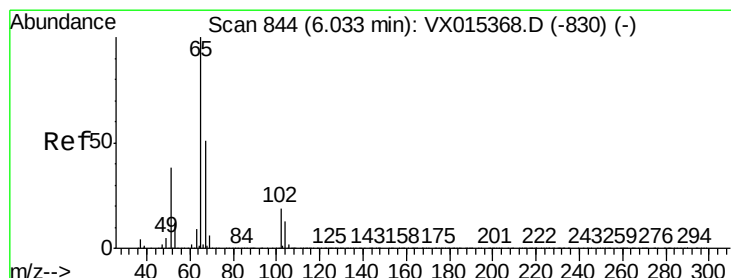
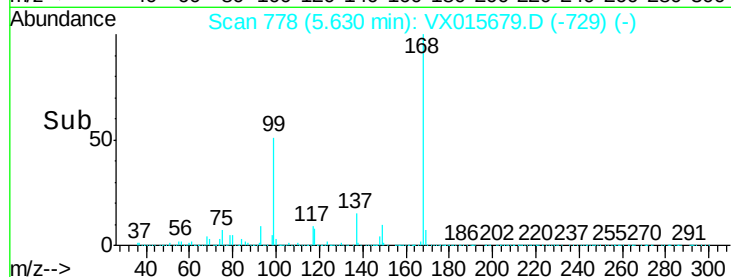
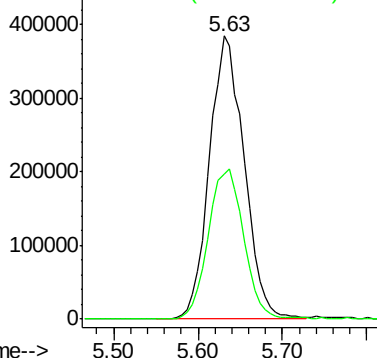
168 100

99 51.4 46.4 69.6



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: 43.761 ug/l

RT: 6.03 min Scan# 844

Delta R.T. 0.00 min

Lab File: VX015679.D

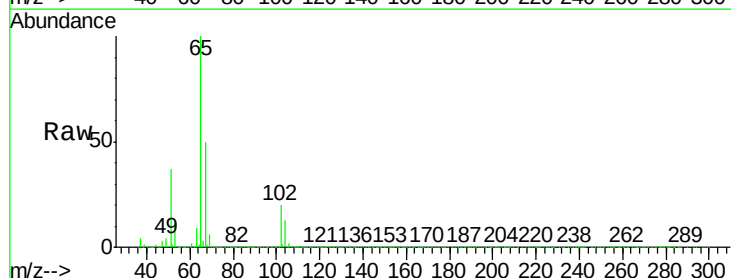
Acq: 15 Apr 2020 13:44

Tgt Ion: 65 Resp: 660824

Ion Ratio Lower Upper

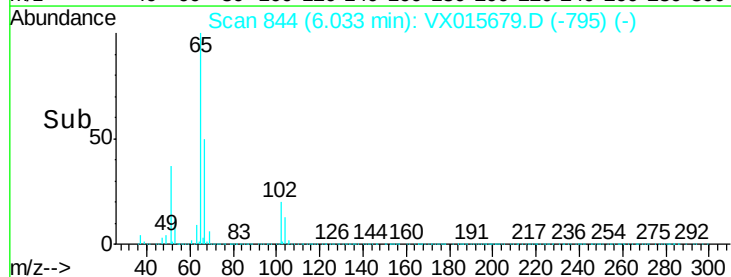
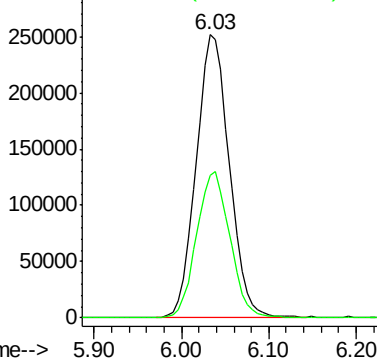
65 100

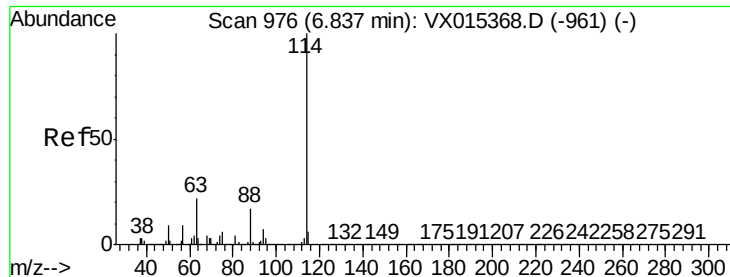
67 51.5 0.0 102.6



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: 6.83 min Scan# 975

Delta R.T. -0.01 min

Lab File: VX015679.D

Acq: 15 Apr 2020 13:44

Instrument :

MSVOA_X

ClientSampleId :

Z3-TB4-200408

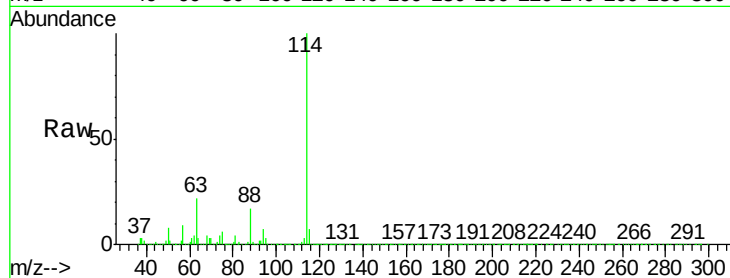
Tot Ion:114 Resp: 1679813

Ion Ratio Lower Upper

114 100

63 21.8 0.0 44.2

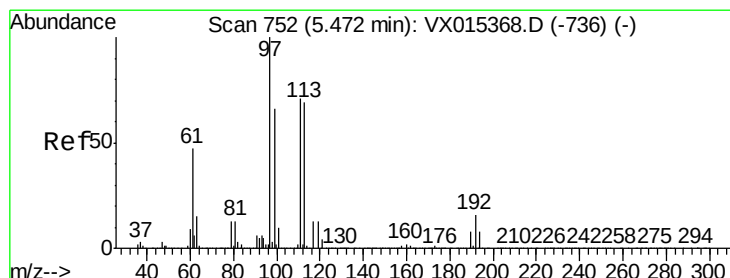
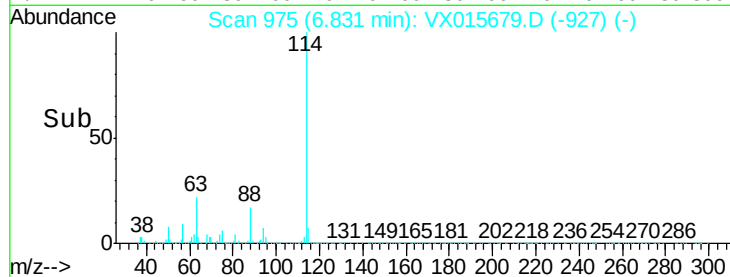
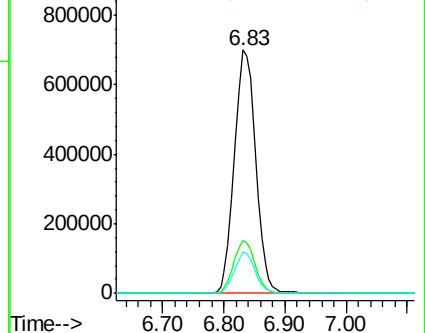
88 17.0 0.0 33.8



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: 48.086 ug/l

RT: 5.47 min Scan# 752

Delta R.T. 0.00 min

Lab File: VX015679.D

Acq: 15 Apr 2020 13:44

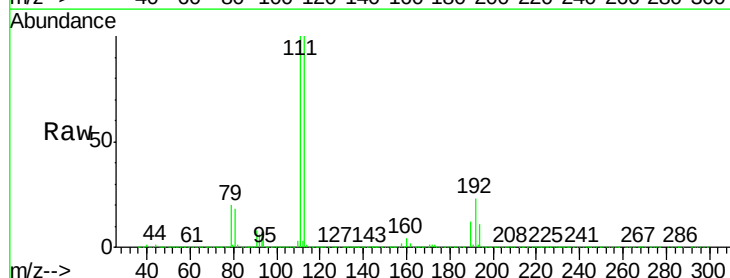
Tgt Ion:113 Resp: 516338

Ion Ratio Lower Upper

113 100

111 101.4 81.5 122.3

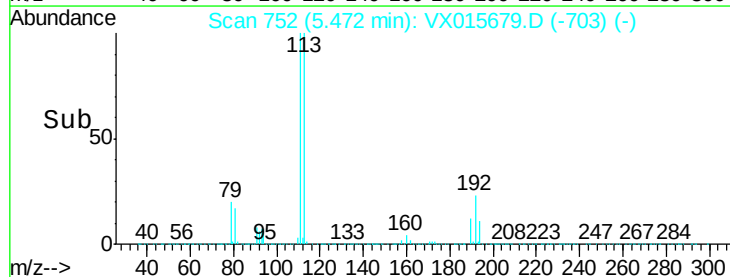
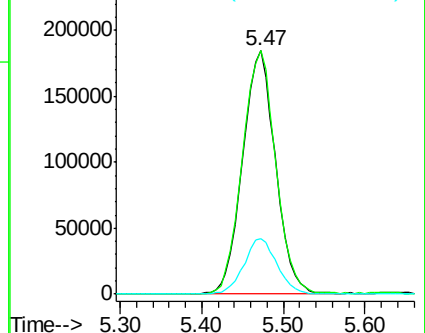
192 23.1 17.8 26.6

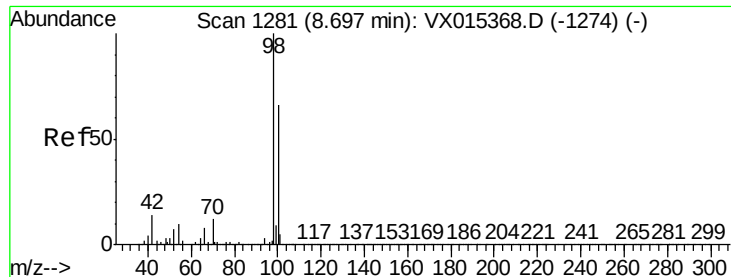


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.080 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. 0.00 min

Lab File: VX015679.D

Acq: 15 Apr 2020 13:44

Instrument :

MSVOA_X

ClientSampleId :

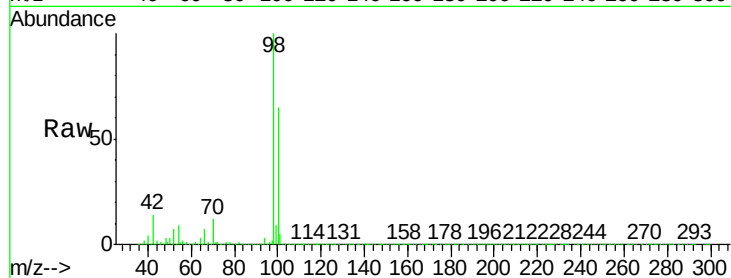
Z3-TB4-200408

Tot Ion: 98 Resp: 1979835

Ion Ratio Lower Upper

98 100

100 67.4 53.5 80.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

8.70

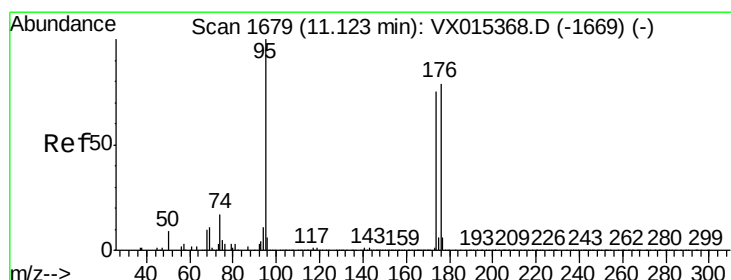
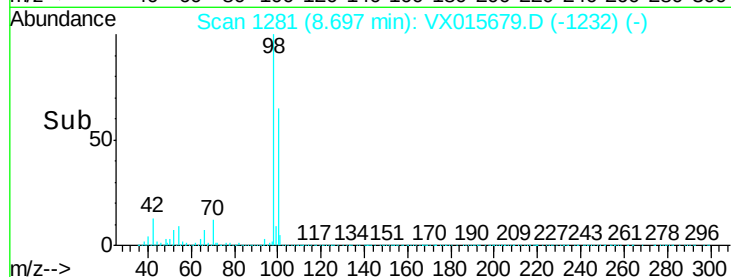
1500000

1000000

500000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 51.520 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VX015679.D

Acq: 15 Apr 2020 13:44

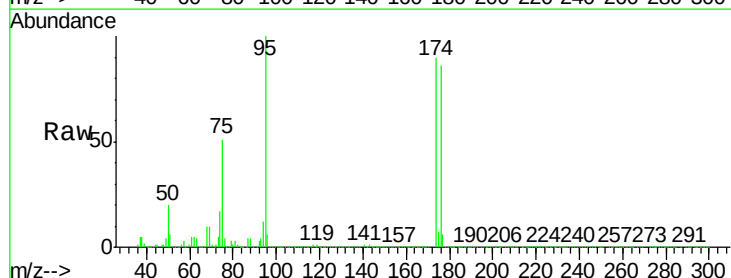
Tgt Ion: 95 Resp: 827749

Ion Ratio Lower Upper

95 100

174 86.7 0.0 158.6

176 81.8 0.0 159.0



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

800000

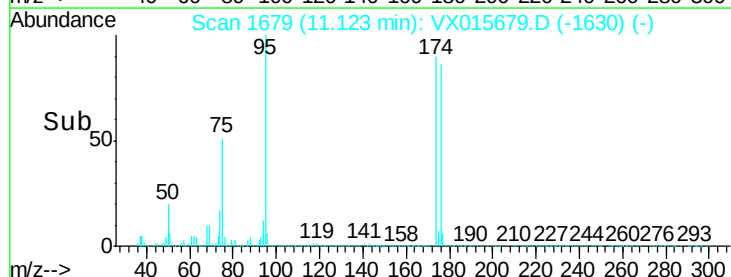
600000

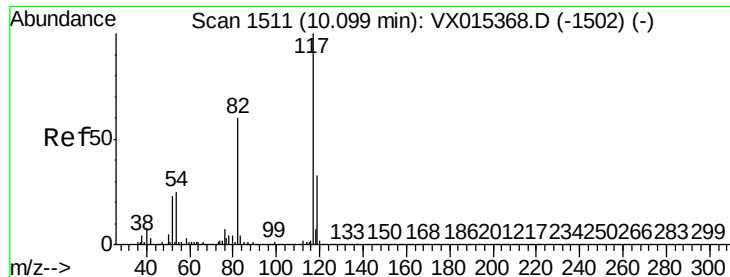
400000

200000

0

Time-->

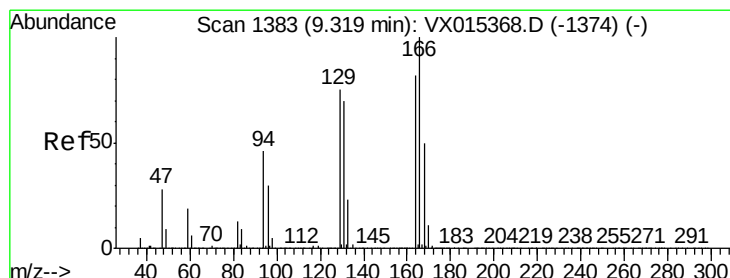
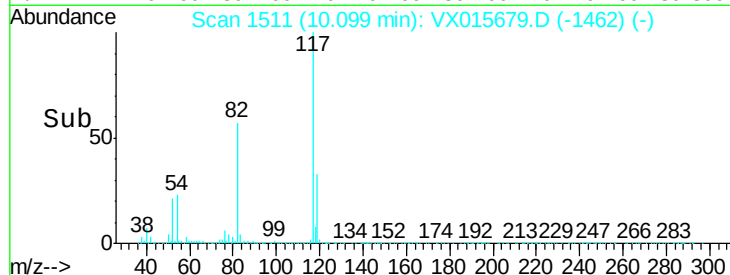
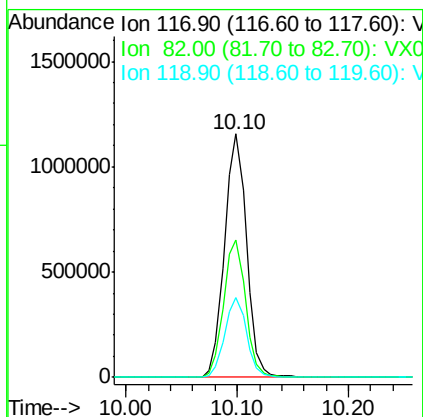
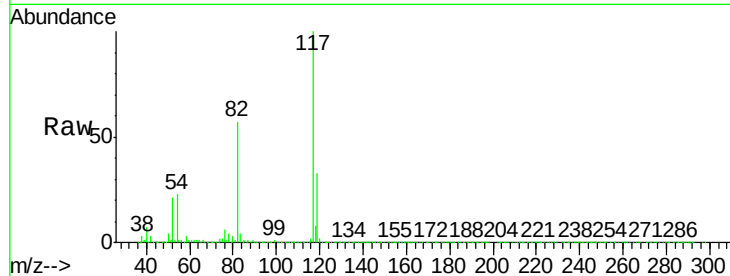




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015679.D
Acq: 15 Apr 2020 13:44

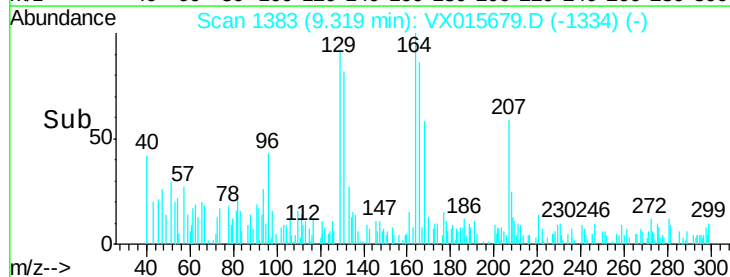
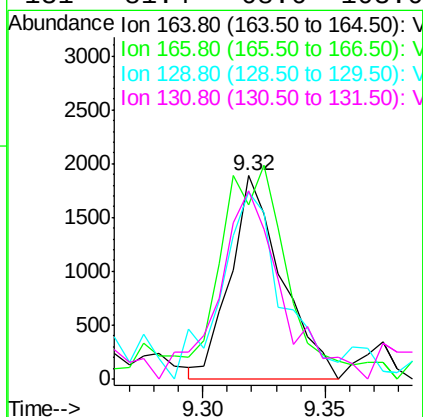
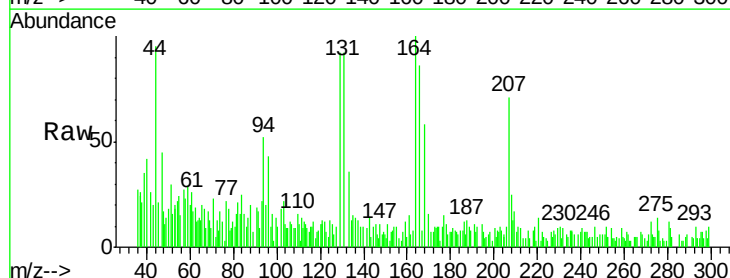
Instrument :
MSVOA_X
ClientSampled :
Z3-TB4-200408

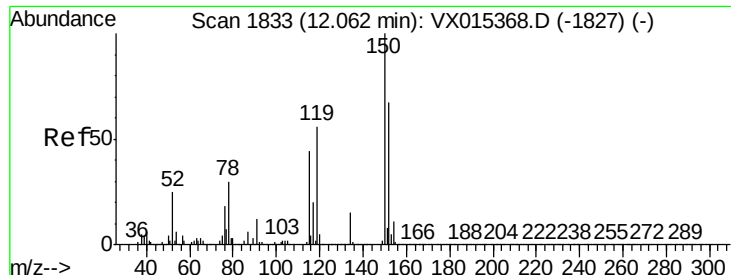
Tot Ion:117 Resp: 1586119
Ion Ratio Lower Upper
117 100
82 56.6 47.8 71.8
119 32.9 26.8 40.2



#64
Tetrachloroethene
Concen: 0.230 ug/l
RT: 9.32 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX015679.D
Acq: 15 Apr 2020 13:44

Tgt Ion:164 Resp: 2757
Ion Ratio Lower Upper
164 100
166 76.7 97.8 146.6#
129 83.9 73.0 109.4
131 81.4 68.6 103.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.00 min
 Lab File: VX015679.D
 Acq: 15 Apr 2020 13:44

Instrument :
 MSVOA_X
 ClientSampleId :
 Z3-TB4-200408

Tot Ion	Ratio	Lower	Upper
152	100		
115	56.3	39.0	116.9
150	157.7	0.0	340.8

