

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032720\
 Data File : VX015390.D
 Acq On : 27 Mar 2020 18:29
 Operator : JC/SP
 Sample : L1997-16
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE123D2-20200317

Quant Time: Mar 30 04:34:12 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

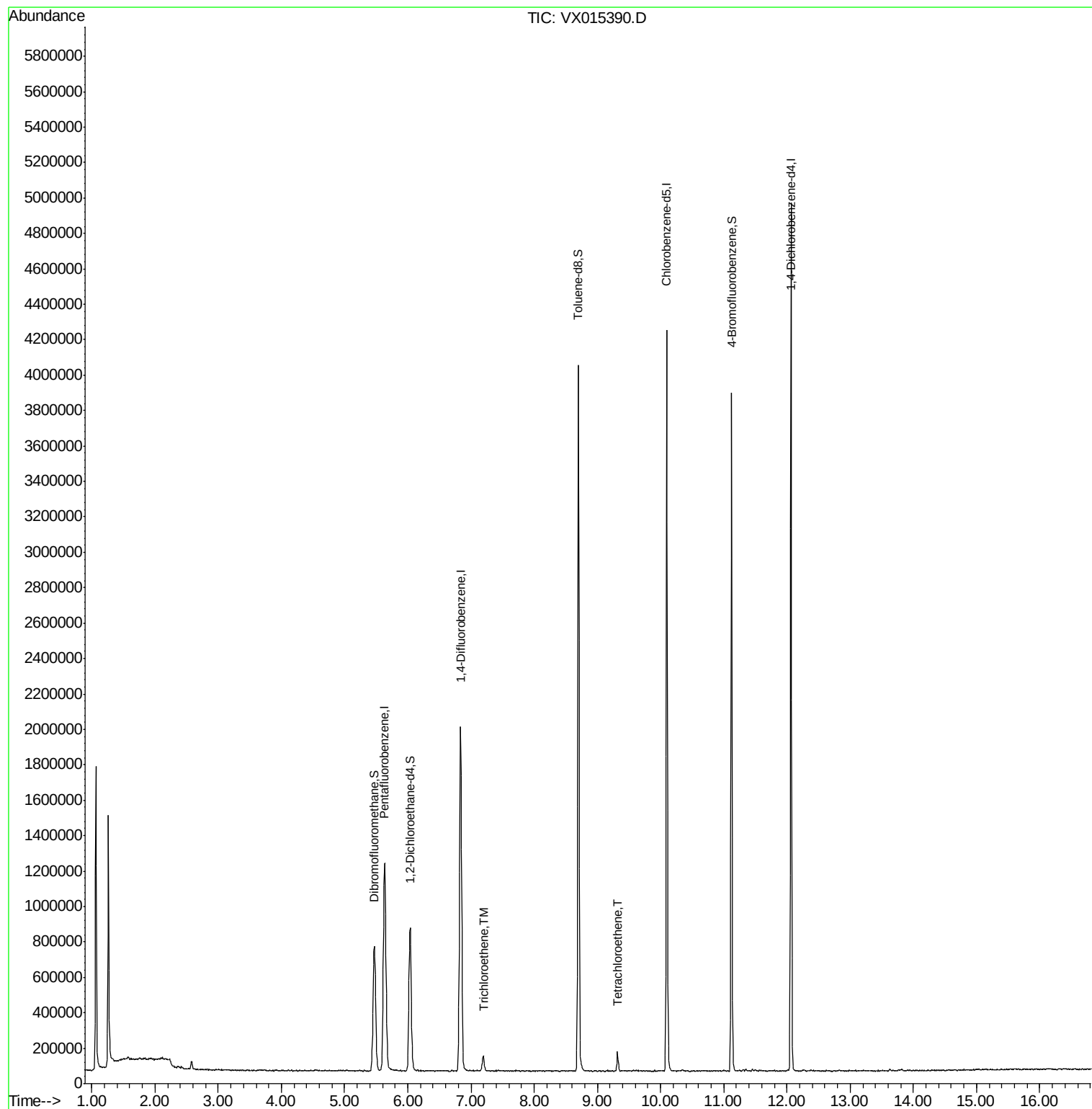
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	1165459	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1901746	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1784103	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	948527	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	775851	47.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.40%	
35) Dibromofluoromethane	5.47	113	599120	49.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.56%	
50) Toluene-d8	8.70	98	2317567	51.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.56%	
62) 4-Bromofluorobenzene	11.12	95	994317	54.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.32%	
Target Compounds						
44) Trichloroethene	7.19	130	33349	2.382	ug/l	96
64) Tetrachloroethene	9.32	164	22965	1.706	ug/l	96

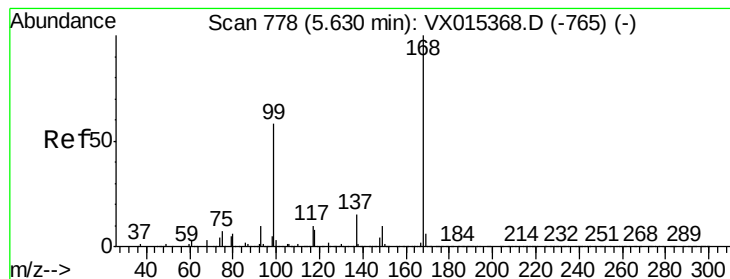
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 779

Delta R.T. 0.01 min

Lab File: VX015390.D

Acq: 27 Mar 2020 18:29

Instrument :

MSVOA_X

ClientSampleId :

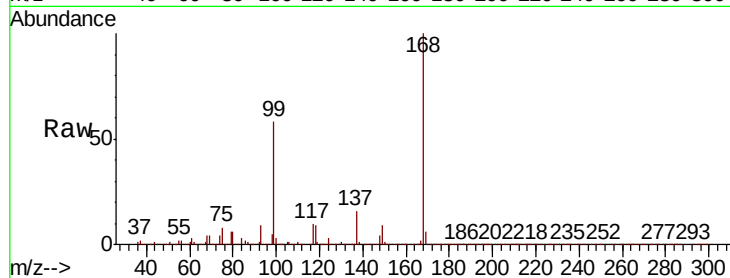
RE123D2-20200317

Tot Ion:168 Resp: 1165459

Ion Ratio Lower Upper

168 100

99 58.3 46.4 69.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

400000

300000

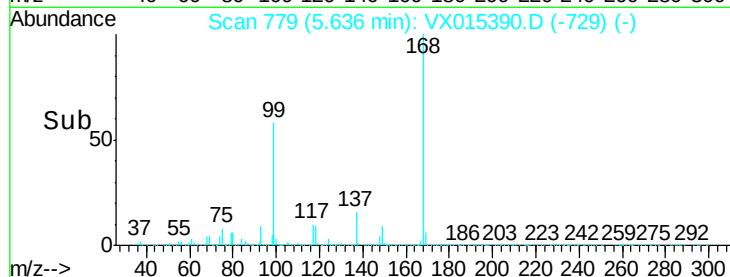
200000

100000

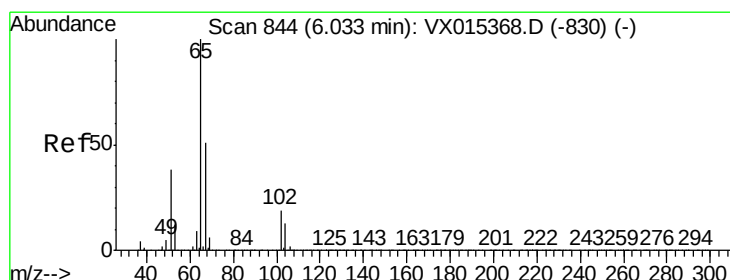
0

5.60

5.80



Time-->



#33

1,2-Dichloroethane-d4

Concen: 47.200 ug/l

RT: 6.04 min Scan# 845

Delta R.T. 0.01 min

Lab File: VX015390.D

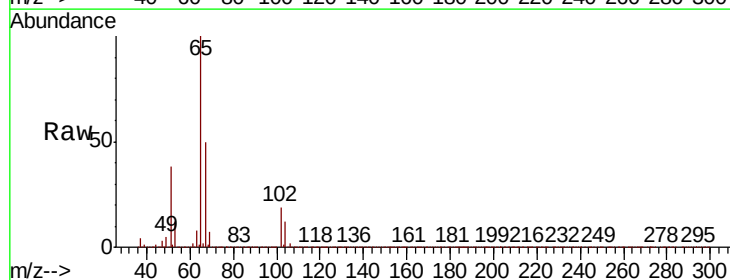
Acq: 27 Mar 2020 18:29

Tgt Ion: 65 Resp: 775851

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

6.04

300000

200000

100000

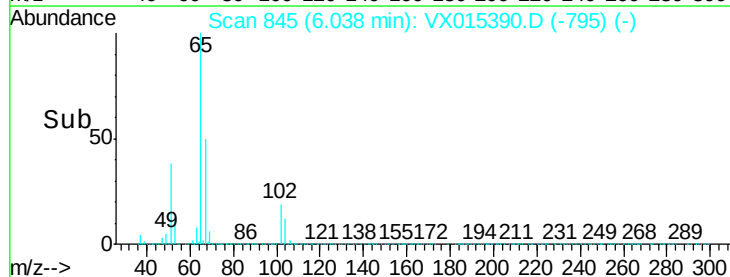
0

5.90

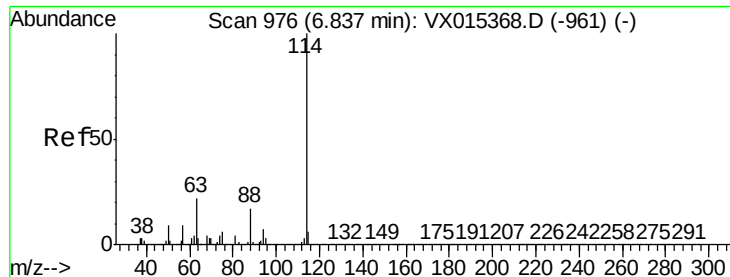
6.00

6.10

6.20



Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 976

Delta R.T. -0.00 min

Lab File: VX015390.D

Acq: 27 Mar 2020 18:29

Instrument :

MSVOA_X

ClientSampleId :

RE123D2-20200317

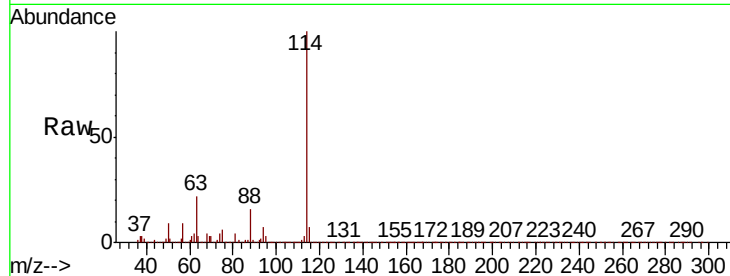
Tot Ion:114 Resp: 1901746

Ion Ratio Lower Upper

114 100

63 21.7 0.0 44.2

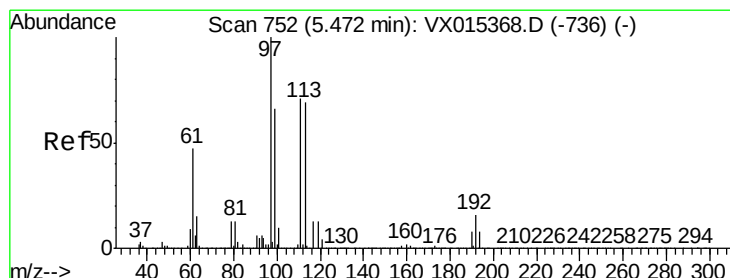
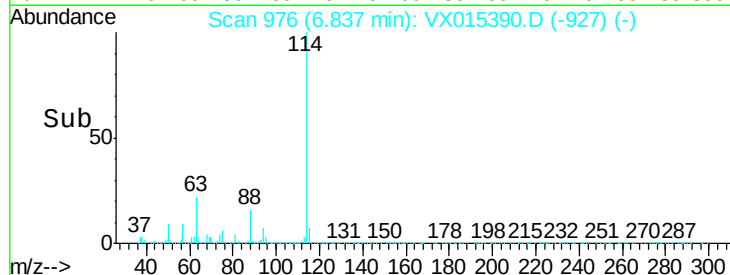
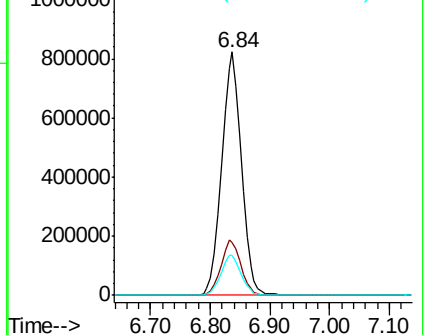
88 16.3 0.0 33.8



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: 49.284 ug/l

RT: 5.47 min Scan# 752

Delta R.T. -0.00 min

Lab File: VX015390.D

Acq: 27 Mar 2020 18:29

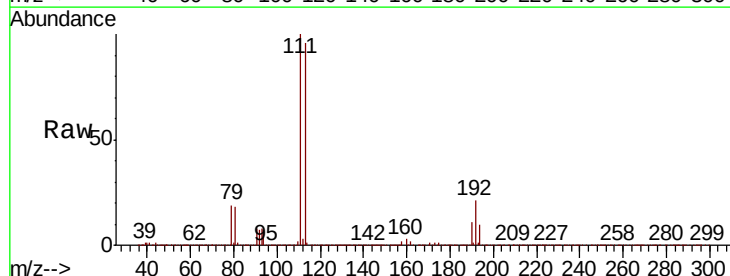
Tgt Ion:113 Resp: 599120

Ion Ratio Lower Upper

113 100

111 102.1 81.5 122.3

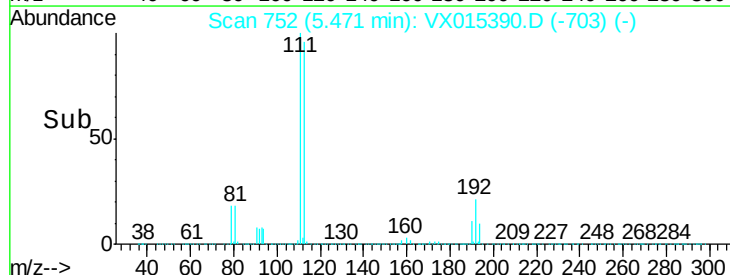
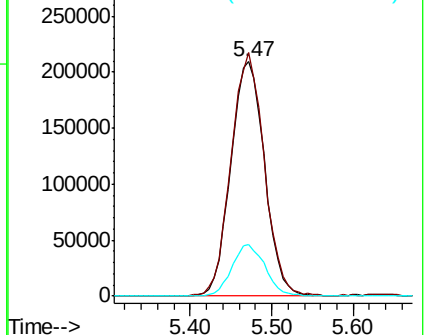
192 21.6 17.8 26.6

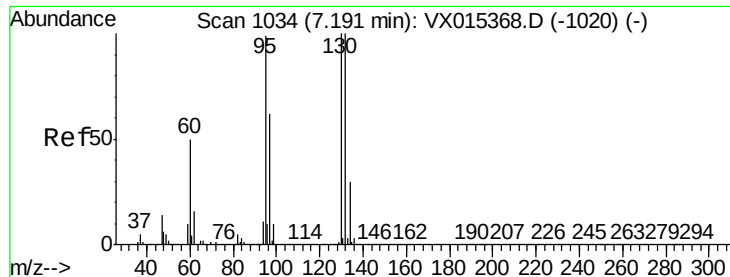


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 2.382 ug/l

RT: 7.19 min Scan# 1034

Delta R.T. -0.00 min

Lab File: VX015390.D

Acq: 27 Mar 2020 18:29

Instrument :

MSVOA_X

ClientSampleId :

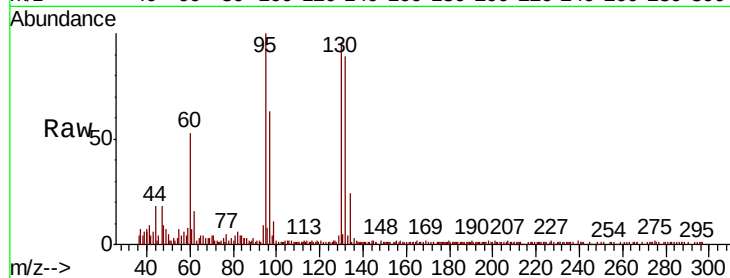
RE123D2-20200317

Tot Ion:130 Resp: 33349

Ion Ratio Lower Upper

130 100

95 103.0 0.0 199.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

20000

15000

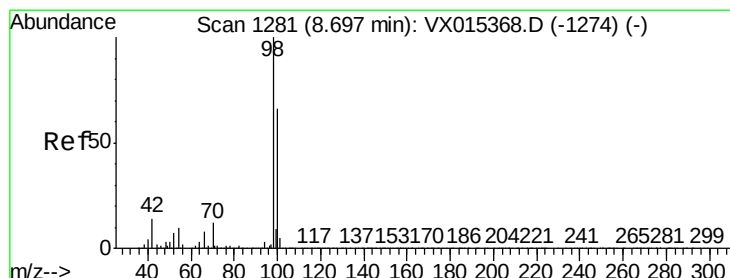
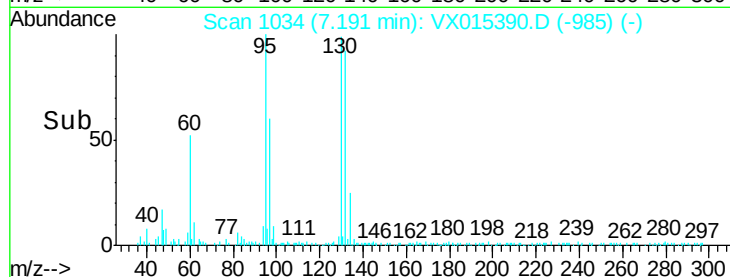
10000

5000

0

7.10 7.20 7.30

Time-->



#50

Toluene-d8

Concen: 51.781 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. -0.00 min

Lab File: VX015390.D

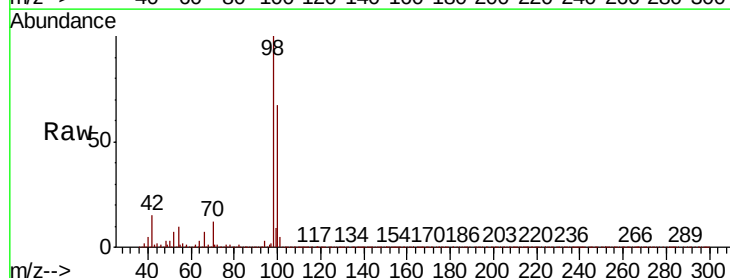
Acq: 27 Mar 2020 18:29

Tgt Ion: 98 Resp: 2317567

Ion Ratio Lower Upper

98 100

100 66.3 53.5 80.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

1500000

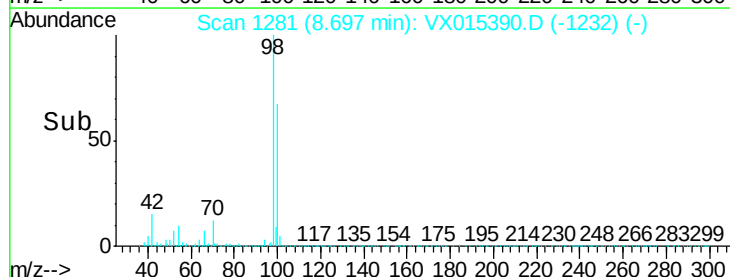
1000000

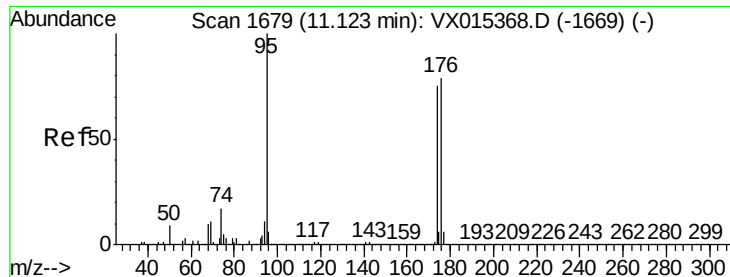
500000

0

8.60 8.70 8.80

Time-->

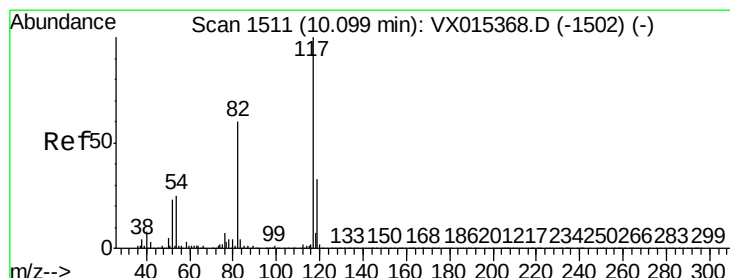
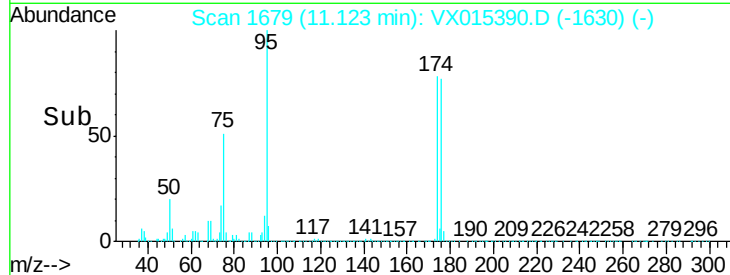
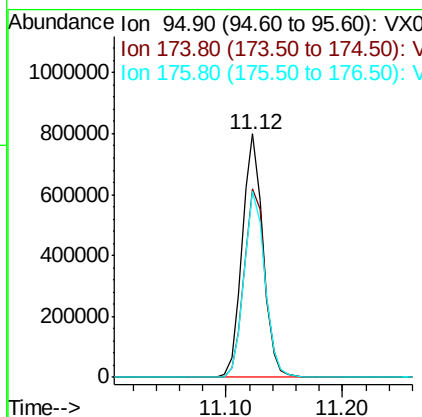
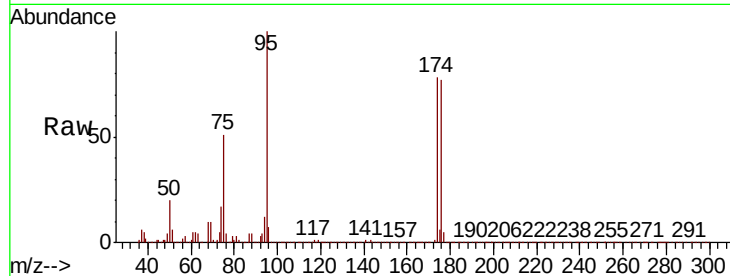




#62
4-Bromofluorobenzene
Concen: 54.665 ug/l
RT: 11.12 min Scan# 1679
Delta R.T. -0.00 min
Lab File: VX015390.D
Acq: 27 Mar 2020 18:29

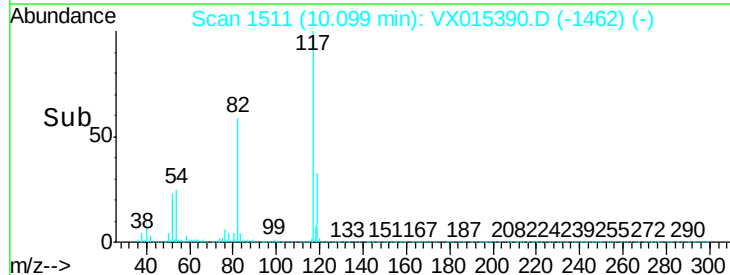
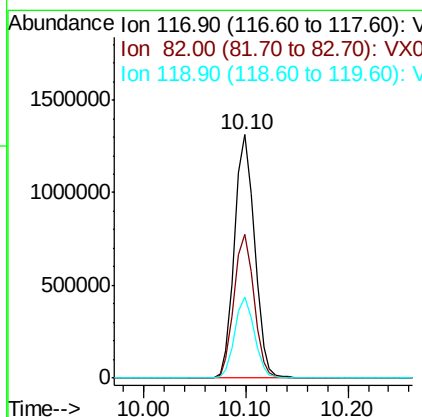
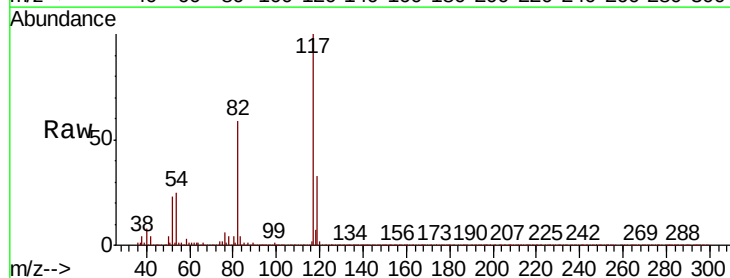
Instrument :
MSVOA_X
ClientSampleId :
RE123D2-20200317

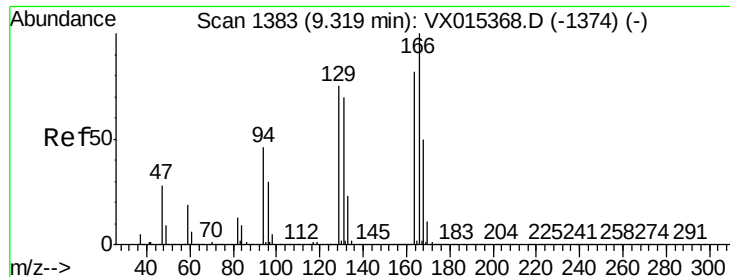
Tot Ion	Ratio	Lower	Upper
95	100		
174	79.0	0.0	158.6
176	77.2	0.0	159.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. -0.00 min
Lab File: VX015390.D
Acq: 27 Mar 2020 18:29

Tgt Ion	Ratio	Lower	Upper
117	100		
82	59.2	47.8	71.8
119	33.2	26.8	40.2





#64

Tetrachloroethene

Concen: 1.706 ug/l

RT: 9.32 min Scan# 1384

Delta R.T. 0.01 min

Lab File: VX015390.D

Acq: 27 Mar 2020 18:29

Instrument :

MSVOA_X

ClientSampleId :

RE123D2-20200317

Tot Ion:164 Resp: 22965

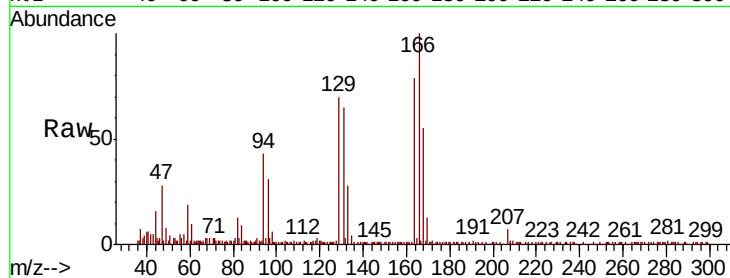
Ion Ratio Lower Upper

164 100

166 127.4 97.8 146.6

129 88.9 73.0 109.4

131 81.8 68.6 103.0

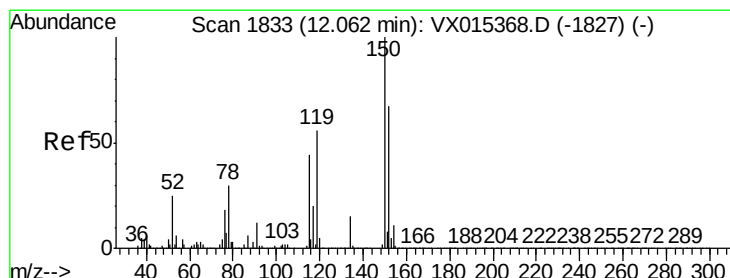
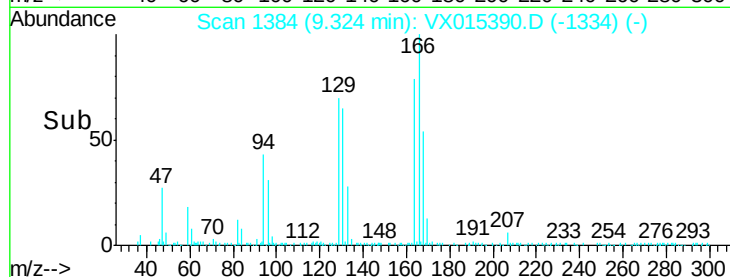
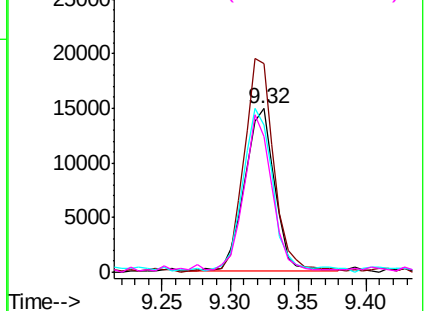


Abundance Ion 163.80 (163.50 to 164.50): V

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: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX015390.D

Acq: 27 Mar 2020 18:29

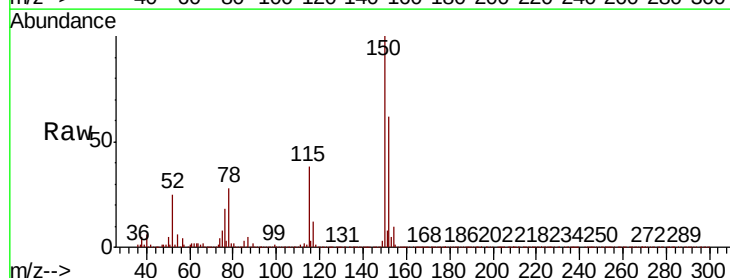
Tgt Ion:152 Resp: 948527

Ion Ratio Lower Upper

152 100

115 59.2 39.0 116.9

150 160.7 0.0 340.8



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

