

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032720\
 Data File : VX015393.D
 Acq On : 27 Mar 2020 19:37
 Operator : JC/SP
 Sample : L1997-19
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE126D1-20200319

Quant Time: Mar 30 04:43:33 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

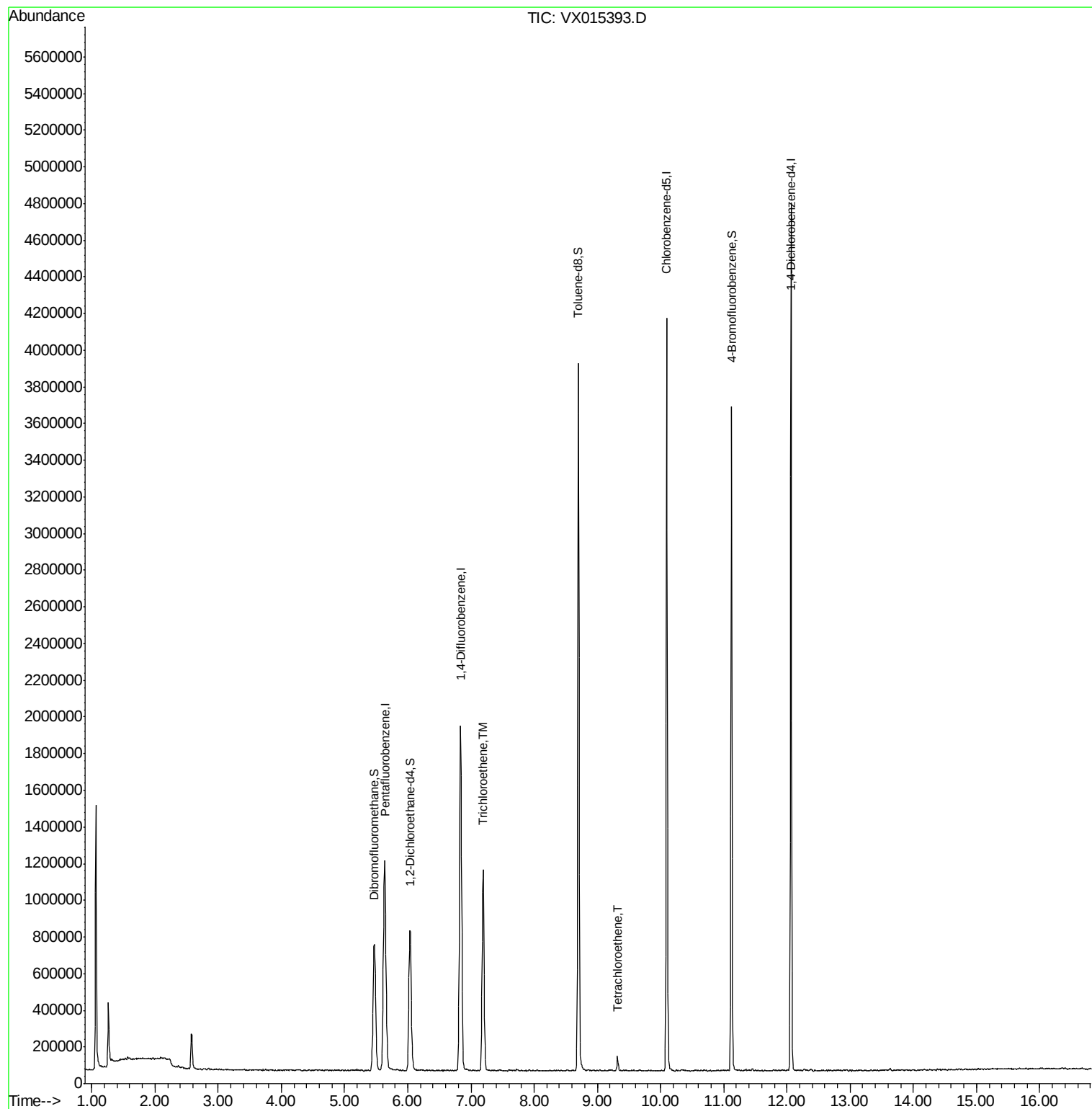
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	1107158	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1847629	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1793402	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	929835	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	751190	48.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.22%	
35) Dibromofluoromethane	5.47	113	588861	49.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.72%	
50) Toluene-d8	8.70	98	2243754	51.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.20%	
62) 4-Bromofluorobenzene	11.12	95	975467	55.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.40%	
Target Compounds						
44) Trichloroethene	7.20	130	414464	30.475	ug/l	96
64) Tetrachloroethene	9.32	164	16050	1.186	ug/l	96

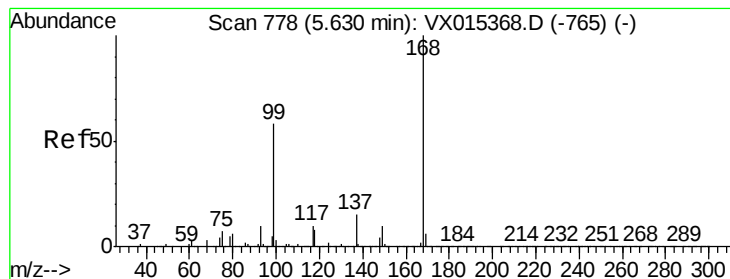
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX015393.D

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Instrument :

MSVOA_X

ClientSampleId :

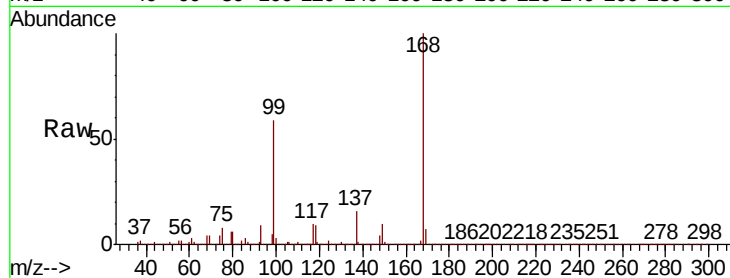
RE126D1-20200319

Tot Ion:168 Resp: 1107158

Ion Ratio Lower Upper

168 100

99 58.9 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

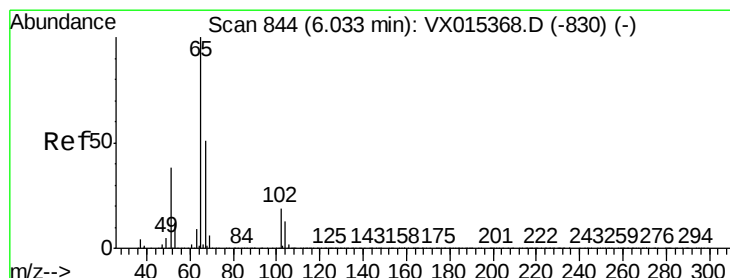
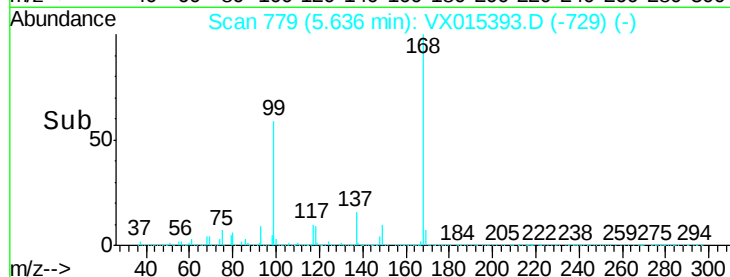
200000

100000

0

Time-->

5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 48.106 ug/l

RT: 6.03 min Scan# 844

Delta R.T. 0.00 min

Lab File: VX015393.D

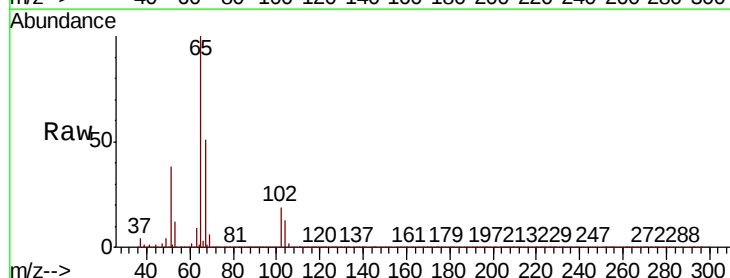
Acq: 27 Mar 2020 19:37

Tgt Ion: 65 Resp: 751190

Ion Ratio Lower Upper

65 100

67 50.9 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

300000

250000

200000

150000

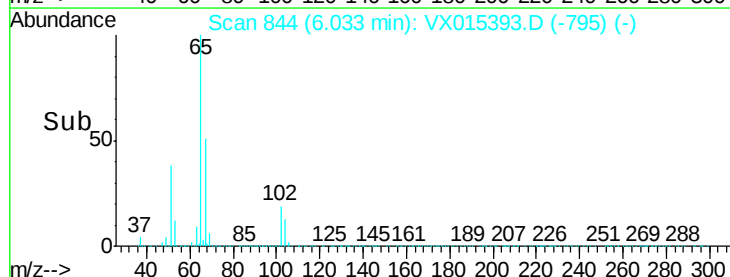
100000

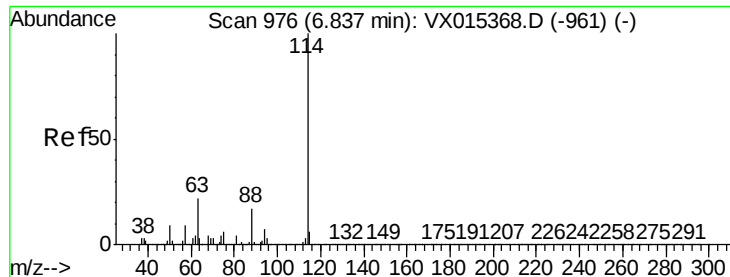
50000

0

Time-->

5.90 6.00 6.10 6.20

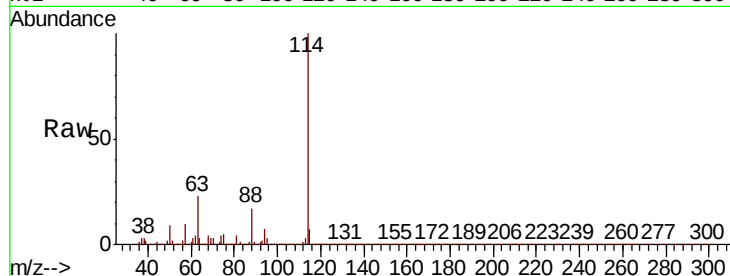




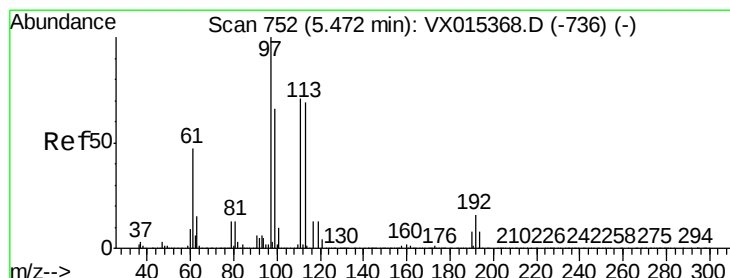
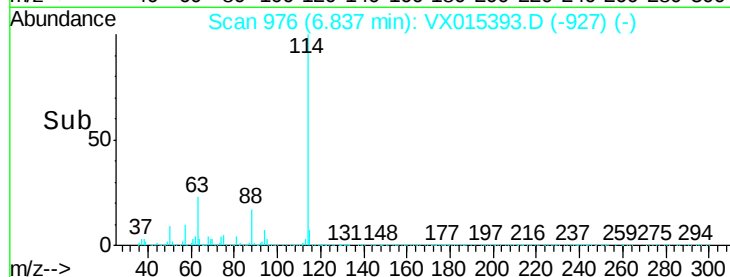
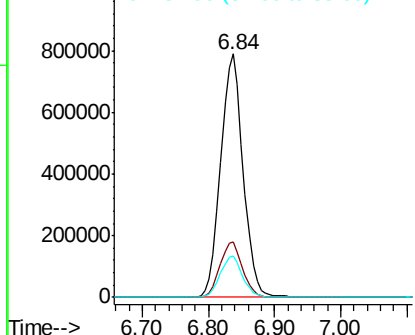
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.84 min Scan# 976
Delta R.T. 0.00 min
Lab File: VX015393.D
Acq: 27 Mar 2020 19:37

Instrument :
MSVOA_X
ClientSampleId :
RE126D1-20200319

Tot Ion:114 Resp: 1847629
Ion Ratio Lower Upper
114 100
63 22.8 0.0 44.2
88 16.8 0.0 33.8

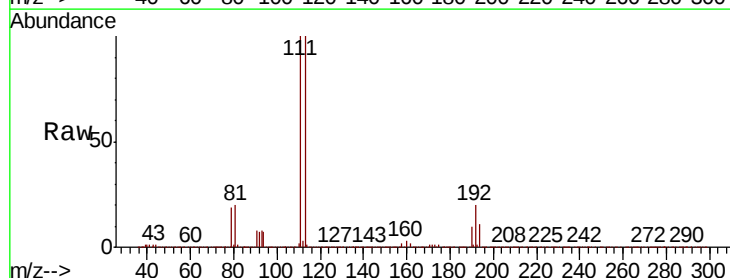


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0

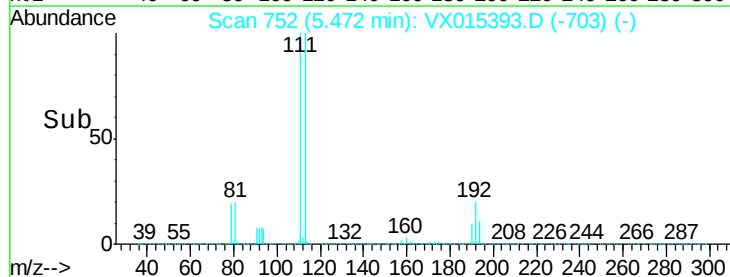
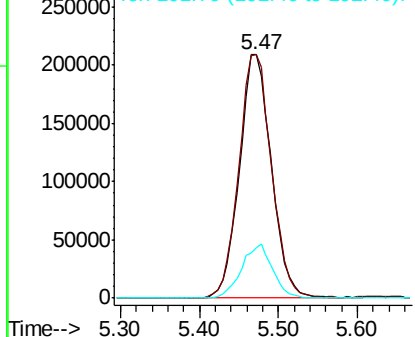


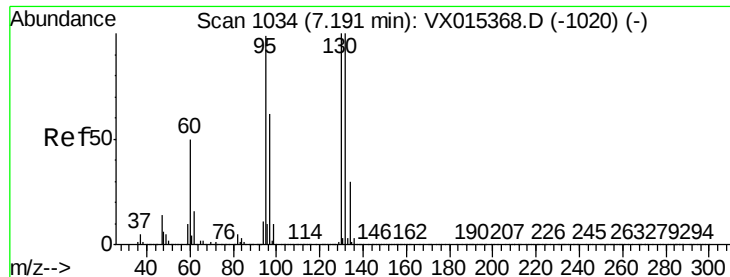
#35
Dibromofluoromethane
Concen: 49.859 ug/l
RT: 5.47 min Scan# 752
Delta R.T. 0.00 min
Lab File: VX015393.D
Acq: 27 Mar 2020 19:37

Tgt Ion:113 Resp: 588861
Ion Ratio Lower Upper
113 100
111 101.8 81.5 122.3
192 21.4 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: 30.475 ug/l

RT: 7.20 min Scan# 1035

Delta R.T. 0.01 min

Lab File: VX015393.D

Acq: 27 Mar 2020 19:37

Instrument :

MSVOA_X

ClientSampleId :

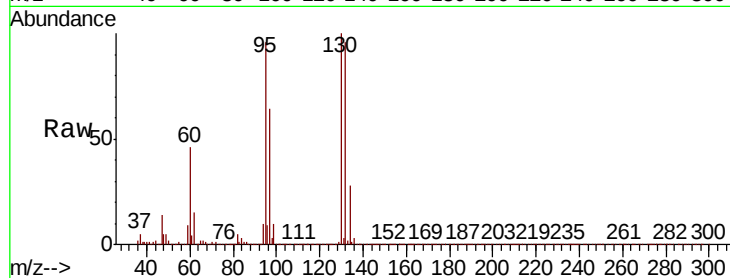
RE126D1-20200319

Tot Ion:130 Resp: 414464

Ion Ratio Lower Upper

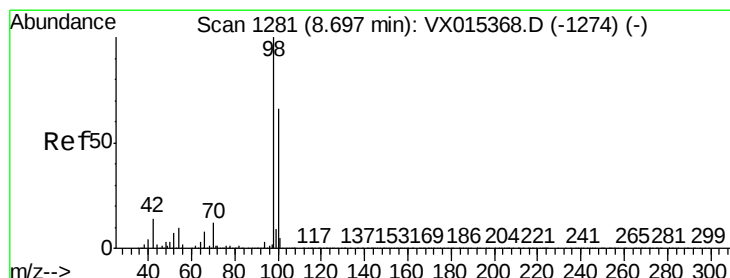
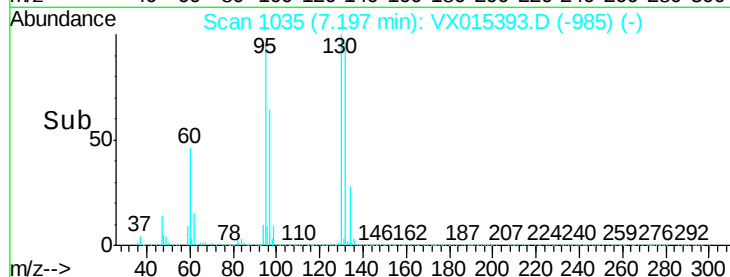
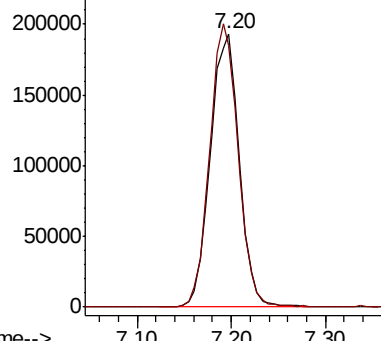
130 100

95 95.7 0.0 199.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 51.600 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. 0.00 min

Lab File: VX015393.D

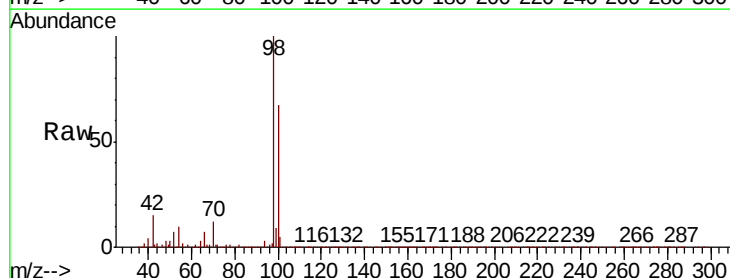
Acq: 27 Mar 2020 19:37

Tgt Ion: 98 Resp: 2243754

Ion Ratio Lower Upper

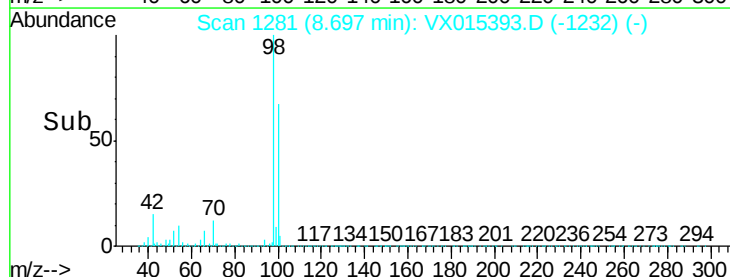
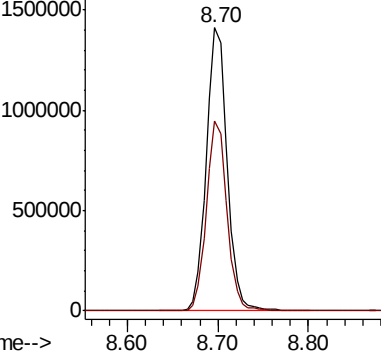
98 100

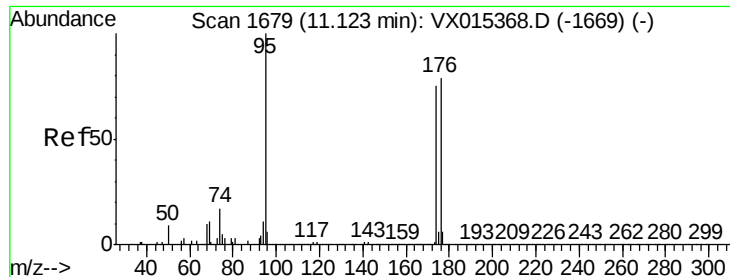
100 66.6 53.5 80.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 55.199 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VX015393.D

Acq: 27 Mar 2020 19:37

Instrument :

MSVOA_X

ClientSampleId :

RE126D1-20200319

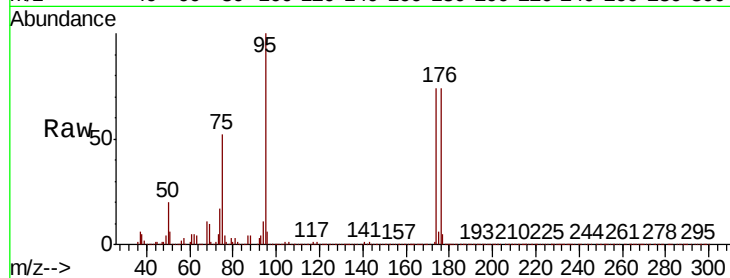
Tot Ion: 95 Resp: 975467

Ion Ratio Lower Upper

95 100

174 75.6 0.0 158.6

176 74.1 0.0 159.0



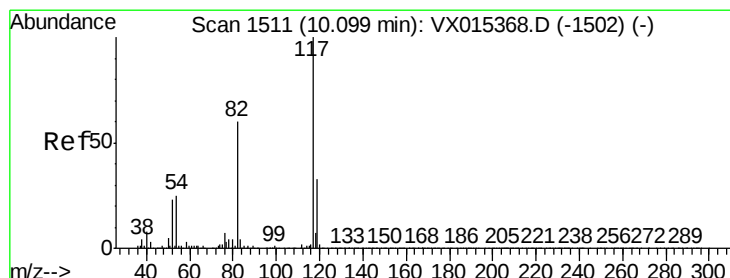
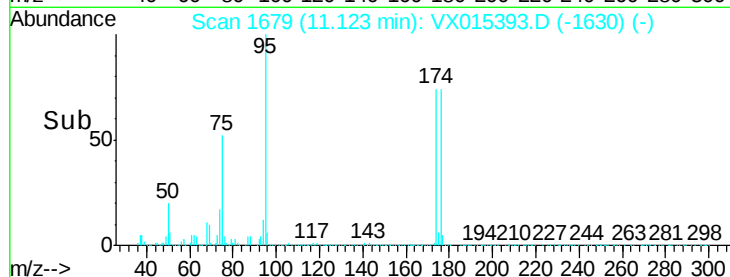
Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

Time-->

11.10 11.20



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1511

Delta R.T. 0.00 min

Lab File: VX015393.D

Acq: 27 Mar 2020 19:37

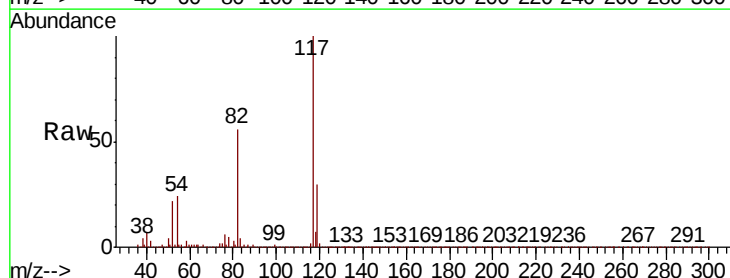
Tgt Ion: 117 Resp: 1793402

Ion Ratio Lower Upper

117 100

82 56.2 47.8 71.8

119 30.1 26.8 40.2



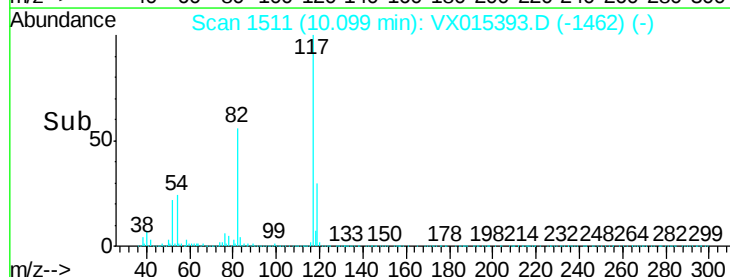
Abundance Ion 116.90 (116.60 to 117.60): V

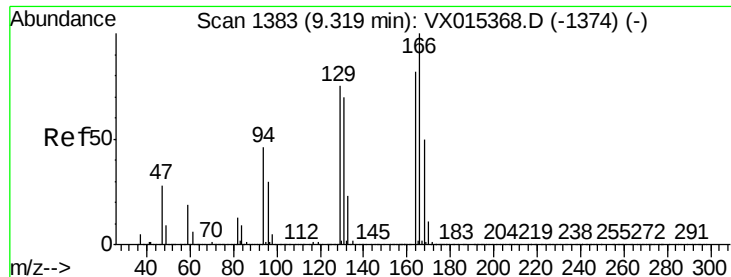
Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

Time-->

10.00 10.10 10.20





#64

Tetrachloroethene

Concen: 1.186 ug/l

RT: 9.32 min Scan# 1383

Delta R.T. 0.00 min

Lab File: VX015393.D

Acq: 27 Mar 2020 19:37

Instrument :

MSVOA_X

ClientSampleId :

RE126D1-20200319

Tot Ion:164 Resp: 16050

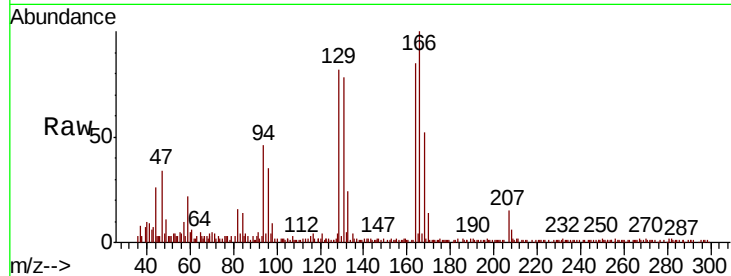
Ion Ratio Lower Upper

164 100

166 116.5 97.8 146.6

129 94.3 73.0 109.4

131 88.7 68.6 103.0



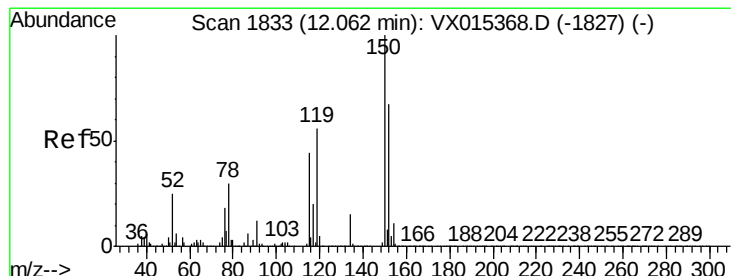
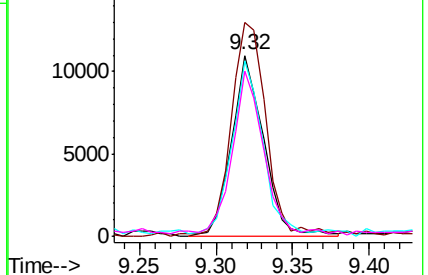
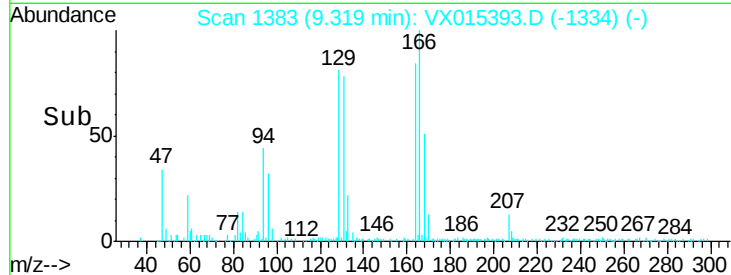
Abundance Ion 163.80 (163.50 to 164.50): V

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

Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX015393.D

Acq: 27 Mar 2020 19:37

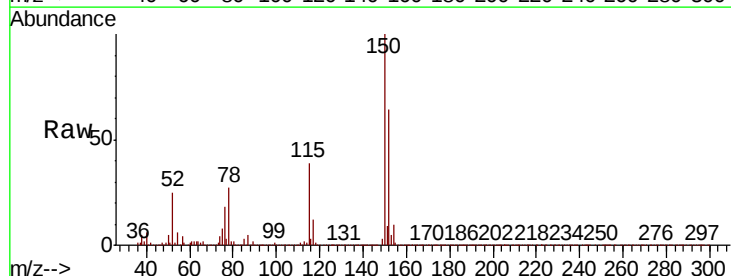
Tgt Ion:152 Resp: 929835

Ion Ratio Lower Upper

152 100

115 60.1 39.0 116.9

150 158.1 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

Time-->

