

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX030920\
 Data File : VX015151.D
 Acq On : 09 Mar 2020 18:22
 Operator : JC/SP
 Sample : L1842-29
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE125D3-20200306

Quant Time: Mar 16 02:02:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 04 14:19:10 2020
 Response via : Initial Calibration

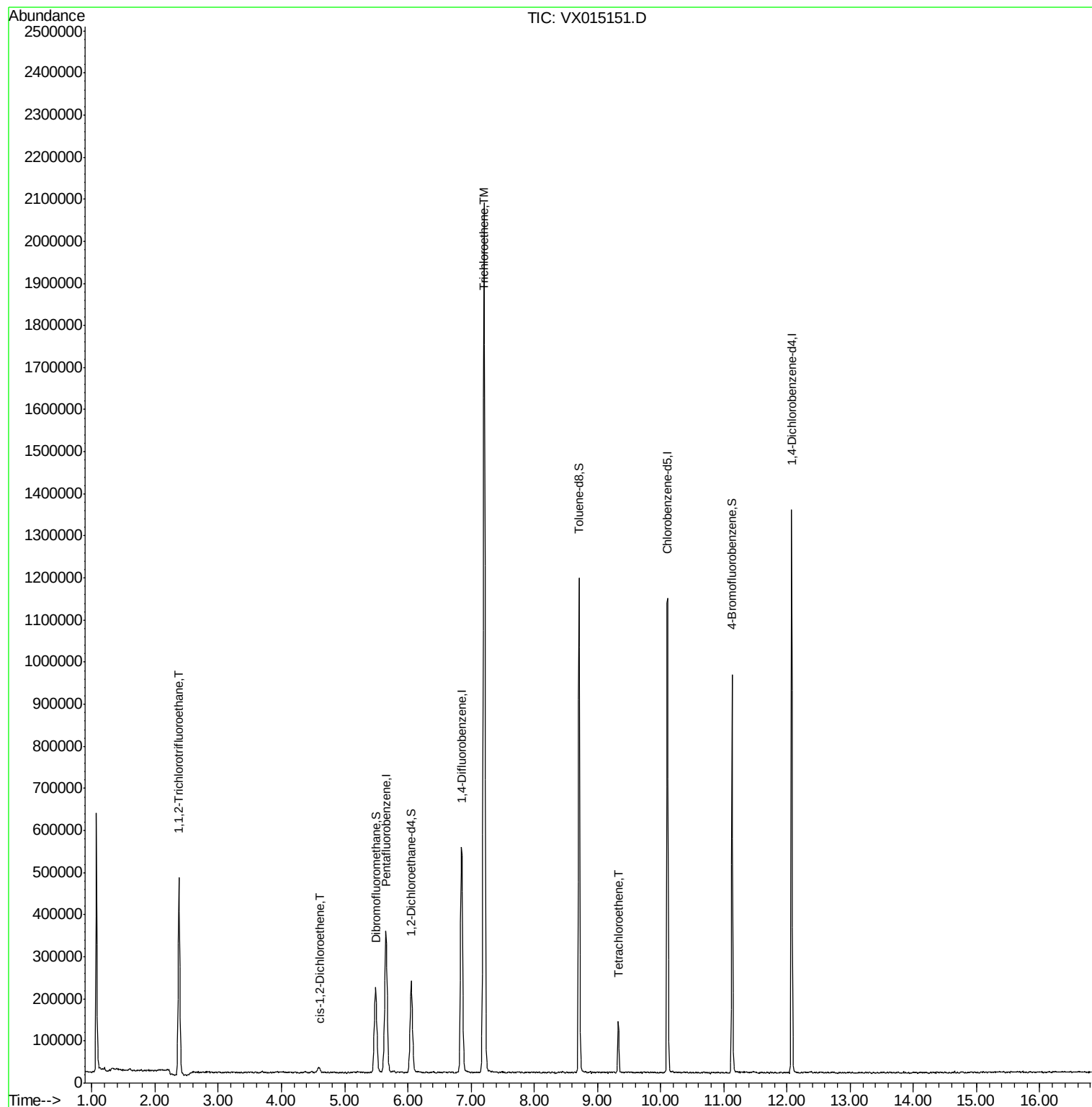
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	335479	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	551296	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	535571	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	275060	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	206367	51.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.70%	
35) Dibromofluoromethane	5.49	113	173569	49.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.82%	
50) Toluene-d8	8.71	98	670158	50.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.32%	
62) 4-Bromofluorobenzene	11.14	95	244676	51.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.70%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	2.38	101	187655	59.406	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	8213	2.103	ug/l	99
44) Trichloroethene	7.21	130	799440	189.846	ug/l	98
64) Tetrachloroethene	9.33	164	25423	5.741	ug/l	95

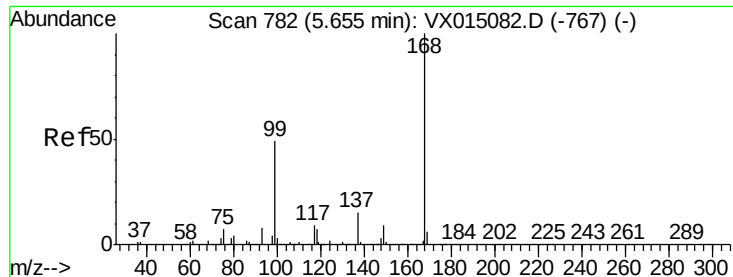
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX015151.D

Acq: 09 Mar 2020 18:22

Instrument :

MSVOA_X

ClientSampleId :

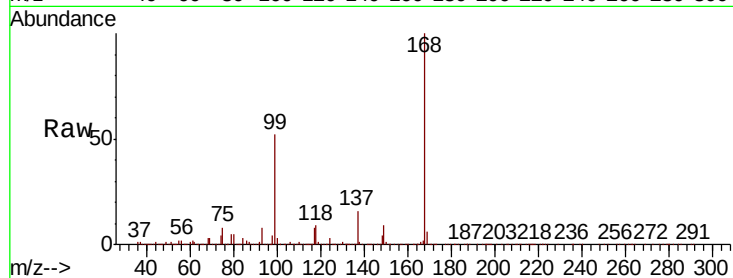
RE125D3-20200306

Tot Ion:168 Resp: 335479

Ion Ratio Lower Upper

168 100

99 52.2 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

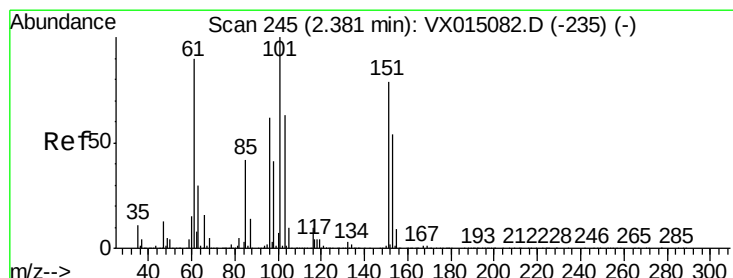
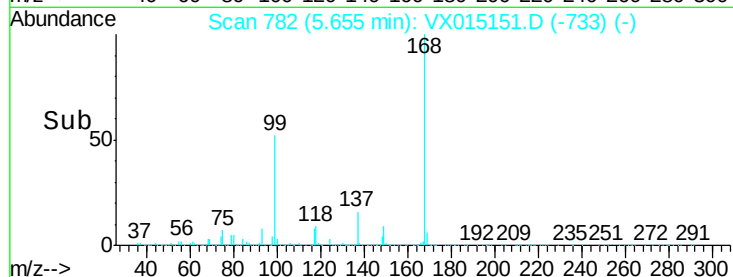
5.65

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#9

1,1,2-Trichlorotrifluoroethane

Concen: 59.406 ug/l

RT: 2.38 min Scan# 245

Delta R.T. 0.00 min

Lab File: VX015151.D

Acq: 09 Mar 2020 18:22

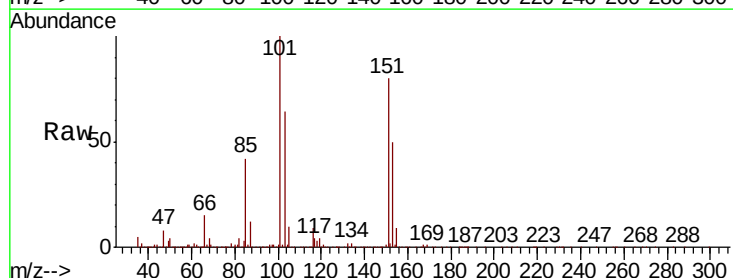
Tgt Ion:101 Resp: 187655

Ion Ratio Lower Upper

101 100

85 42.0 33.7 50.5

151 81.6 64.0 96.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

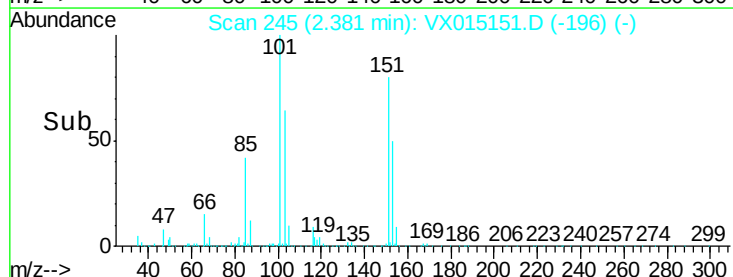
Ion 150.80 (150.50 to 151.50): V

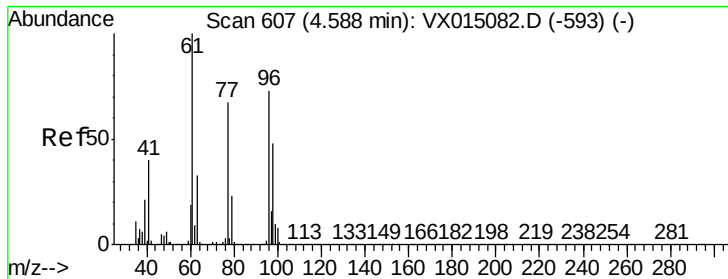
100000

50000

0

Time--> 2.30 2.40 2.50



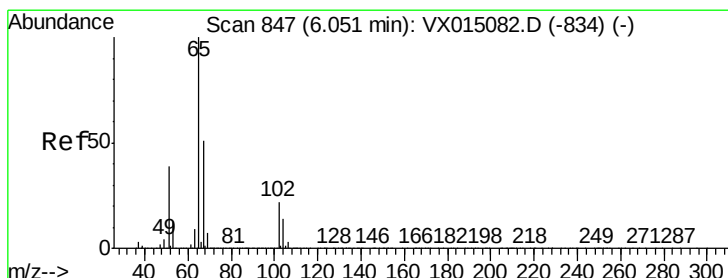
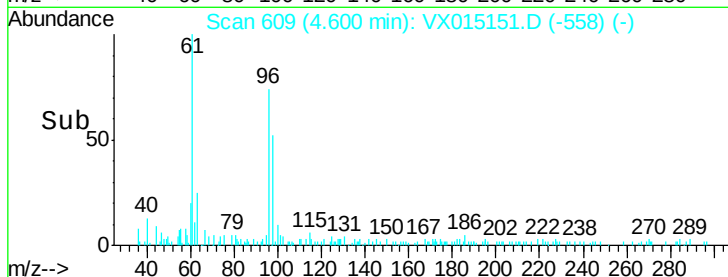
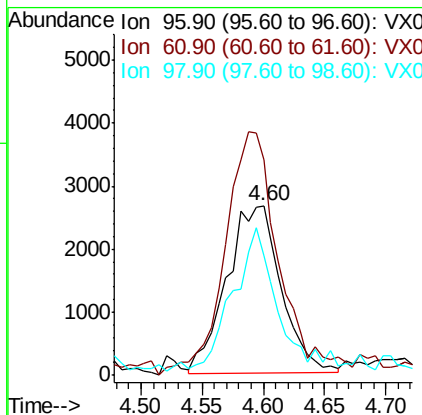
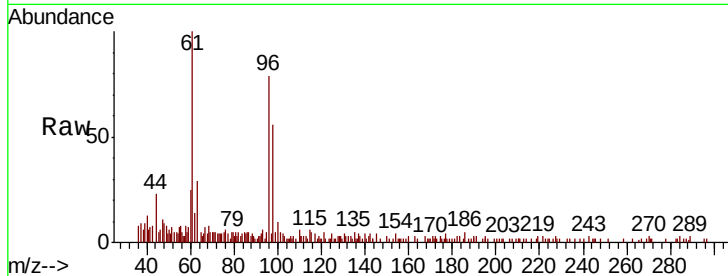


#27

cis-1,2-Dichloroethene
Concen: 2.103 ug/l
RT: 4.60 min Scan# 609
Delta R.T. 0.01 min
Lab File: VX015151.D
Acq: 09 Mar 2020 18:22

Instrument :
MSVOA_X
ClientSampleId :
RE125D3-20200306

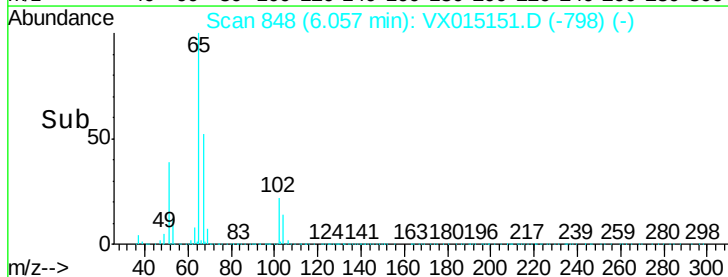
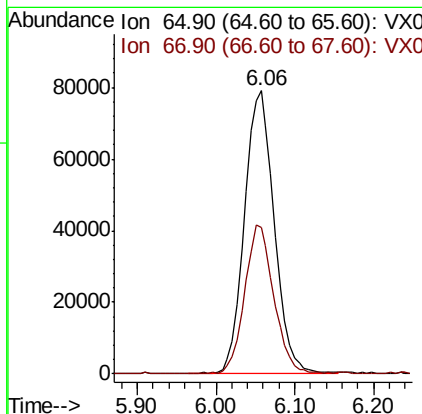
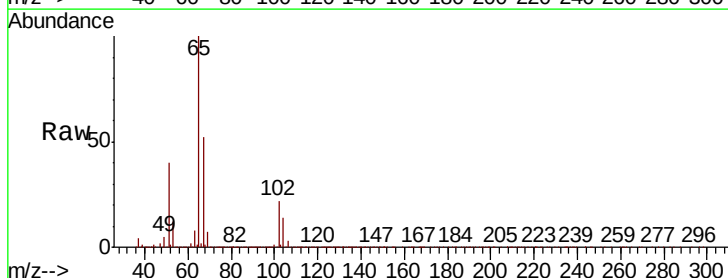
Tot Ion	Ratio	Lower	Upper
96	100		
61	144.4	0.0	286.8
98	62.9	0.0	128.4

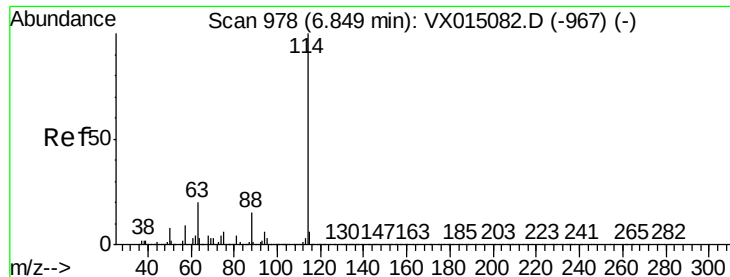


#33

1,2-Dichloroethane-d4
Concen: 51.851 ug/l
RT: 6.06 min Scan# 848
Delta R.T. 0.01 min
Lab File: VX015151.D
Acq: 09 Mar 2020 18:22

Tgt Ion	Ratio	Lower	Upper
65	100		
67	51.3	0.0	105.6

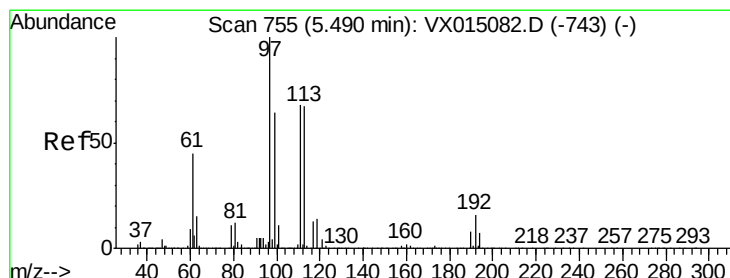
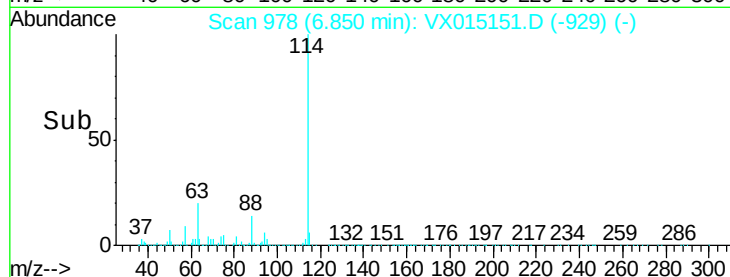
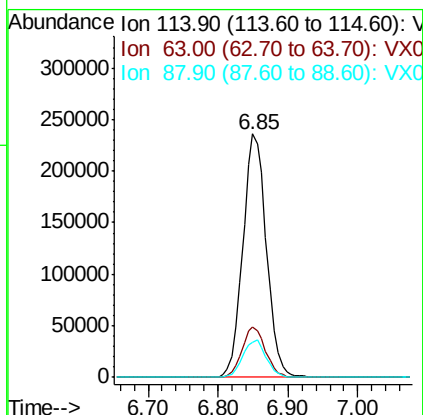
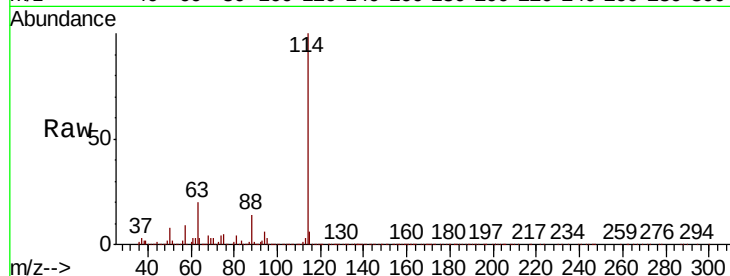




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX015151.D
Acq: 09 Mar 2020 18:22

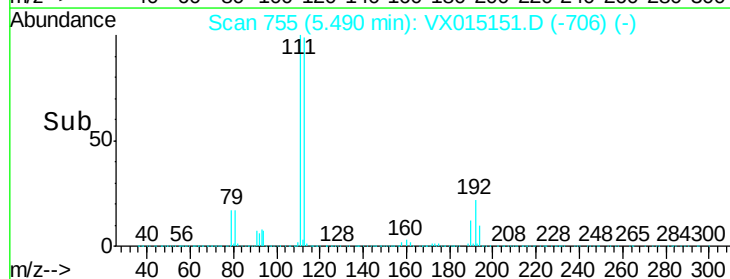
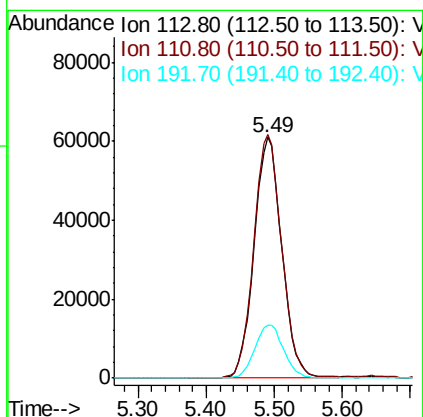
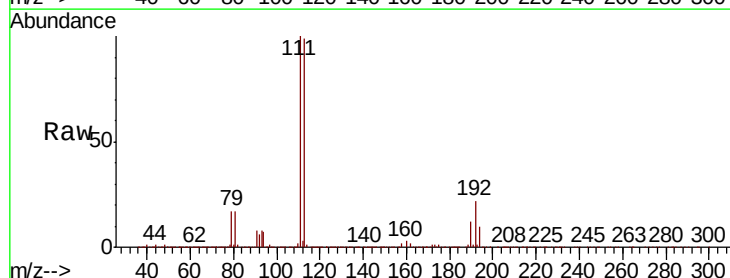
Instrument :
MSVOA_X
ClientSampleId :
RE125D3-20200306

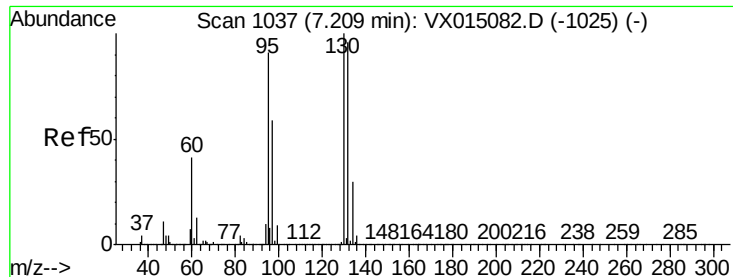
Tot Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	40.0
88	14.3	0.0	30.6



#35
Dibromofluoromethane
Concen: 49.905 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX015151.D
Acq: 09 Mar 2020 18:22

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.3	82.6	123.8
192	23.1	18.6	28.0





#44

Trichloroethene

Concen: 189.846 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VX015151.D

Acq: 09 Mar 2020 18:22

Instrument :

MSVOA_X

ClientSampleId :

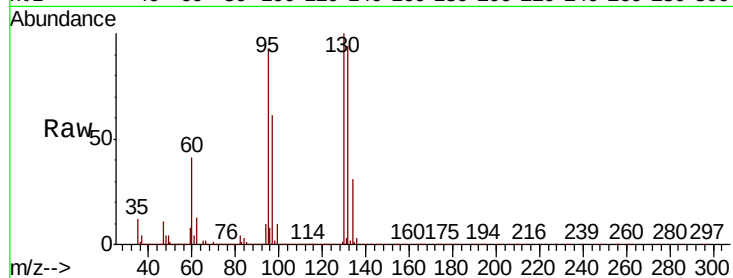
RE125D3-20200306

Tot Ion:130 Resp: 799440

Ion Ratio Lower Upper

130 100

95 92.6 0.0 181.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.21

400000

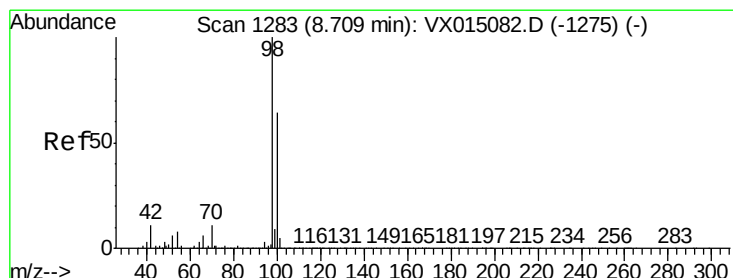
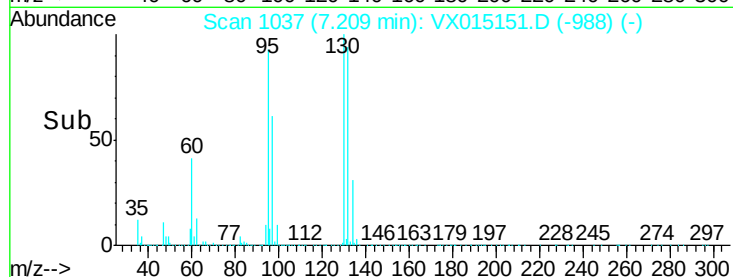
300000

200000

100000

0

Time-->



#50

Toluene-d8

Concen: 50.656 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX015151.D

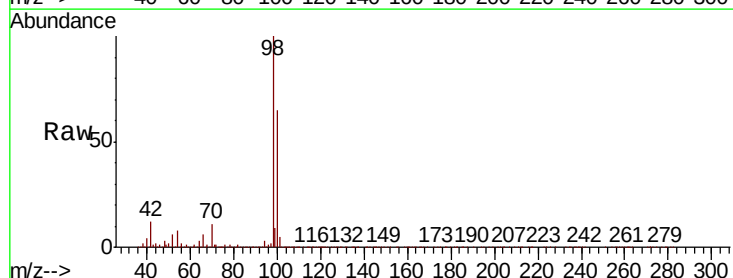
Acq: 09 Mar 2020 18:22

Tgt Ion: 98 Resp: 670158

Ion Ratio Lower Upper

98 100

100 65.1 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.71

500000

400000

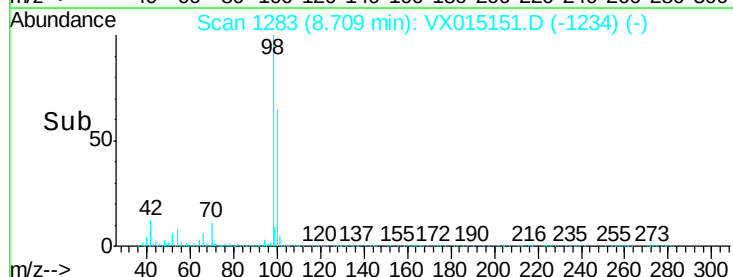
300000

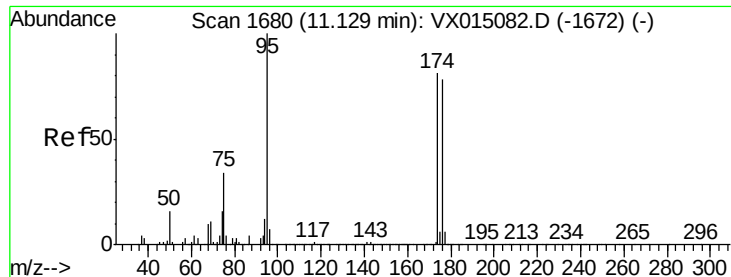
200000

100000

0

Time-->





#62

4-Bromofluorobenzene

Concen: 51.850 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.01 min

Lab File: VX015151.D

Acq: 09 Mar 2020 18:22

Instrument :

MSVOA_X

ClientSampleId :

RE125D3-20200306

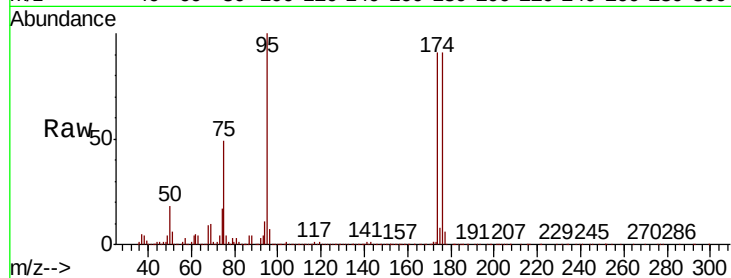
Tot Ion: 95 Resp: 244676

Ion Ratio Lower Upper

95 100

174 88.5 0.0 177.6

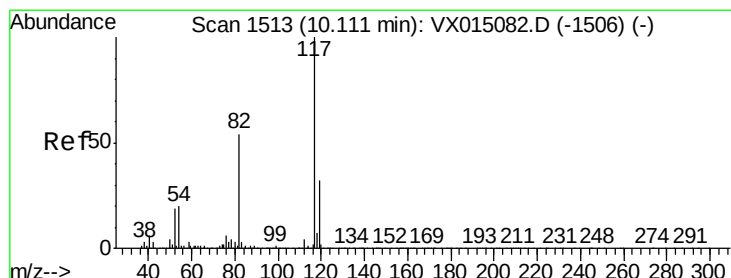
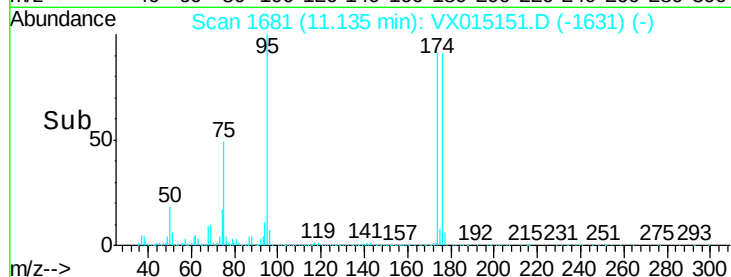
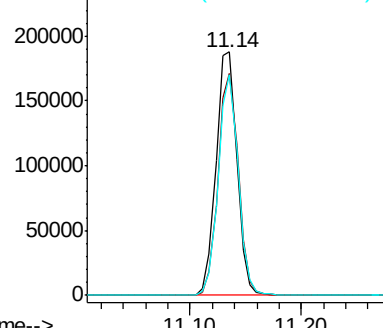
176 86.6 0.0 170.2



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# 1513

Delta R.T. 0.00 min

Lab File: VX015151.D

Acq: 09 Mar 2020 18:22

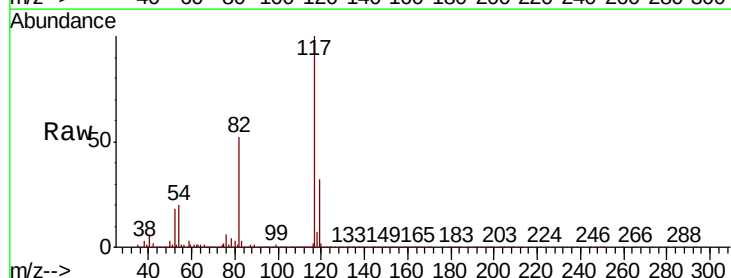
Tgt Ion: 117 Resp: 535571

Ion Ratio Lower Upper

117 100

82 51.8 43.3 64.9

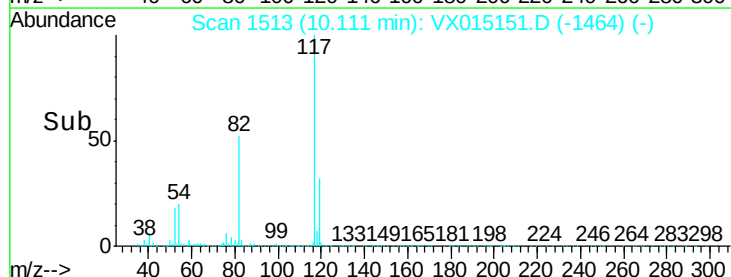
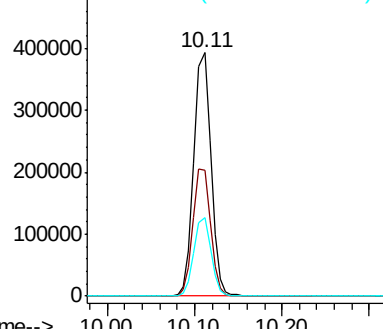
119 32.5 25.8 38.8

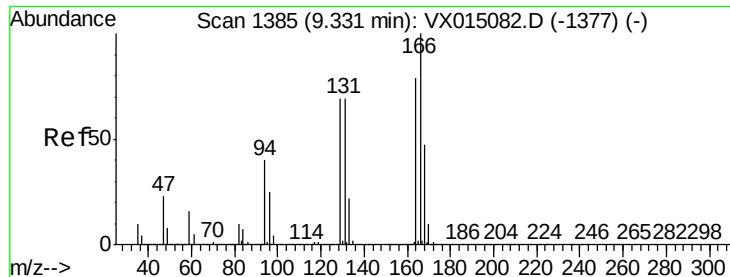


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#64

Tetrachloroethene

Concen: 5.741 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX015151.D

Acq: 09 Mar 2020 18:22

Instrument :

MSVOA_X

ClientSampleId :

RE125D3-20200306

Tot Ion:164 Resp: 25423

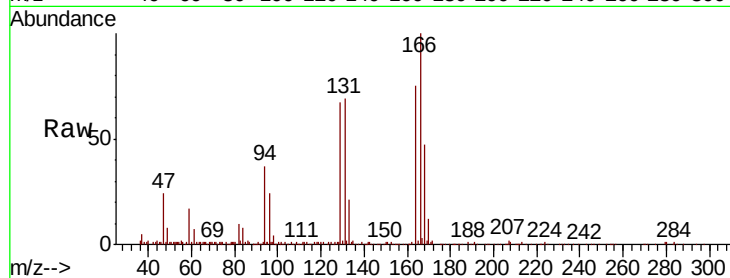
Ion Ratio Lower Upper

164 100

166 134.3 101.1 151.7

129 89.6 69.4 104.0

131 92.7 69.8 104.8

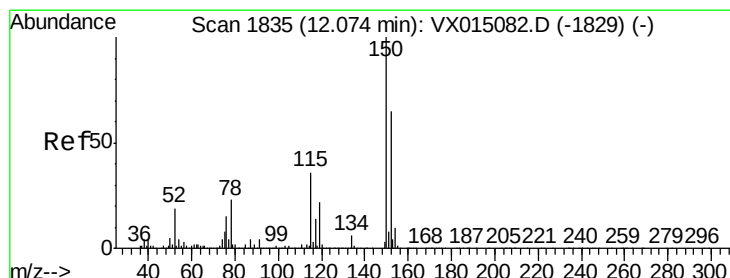
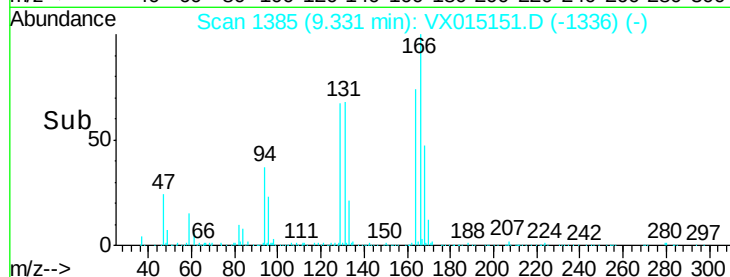
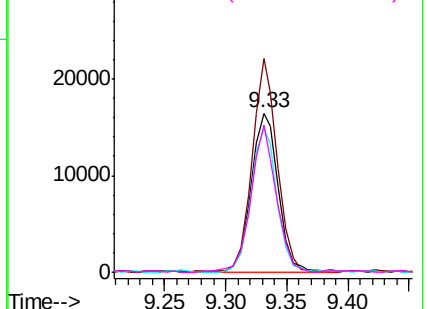


Abundance Ion 163.80 (163.50 to 164.50): V

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: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX015151.D

Acq: 09 Mar 2020 18:22

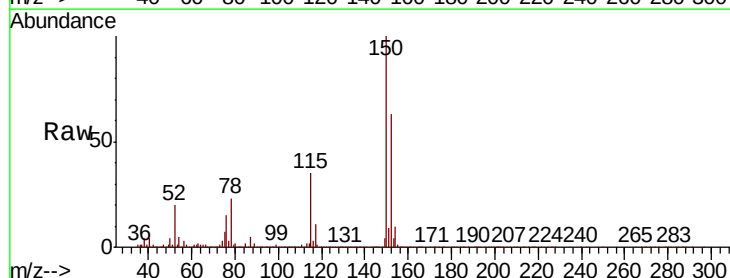
Tgt Ion:152 Resp: 275060

Ion Ratio Lower Upper

152 100

115 55.1 38.2 114.6

150 156.7 0.0 343.8



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

