

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031020\
 Data File : VX015182.D
 Acq On : 10 Mar 2020 19:28
 Operator : JC/SP
 Sample : L1842-28DL 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE125D2-20200306DL

Quant Time: Mar 11 09:32:40 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

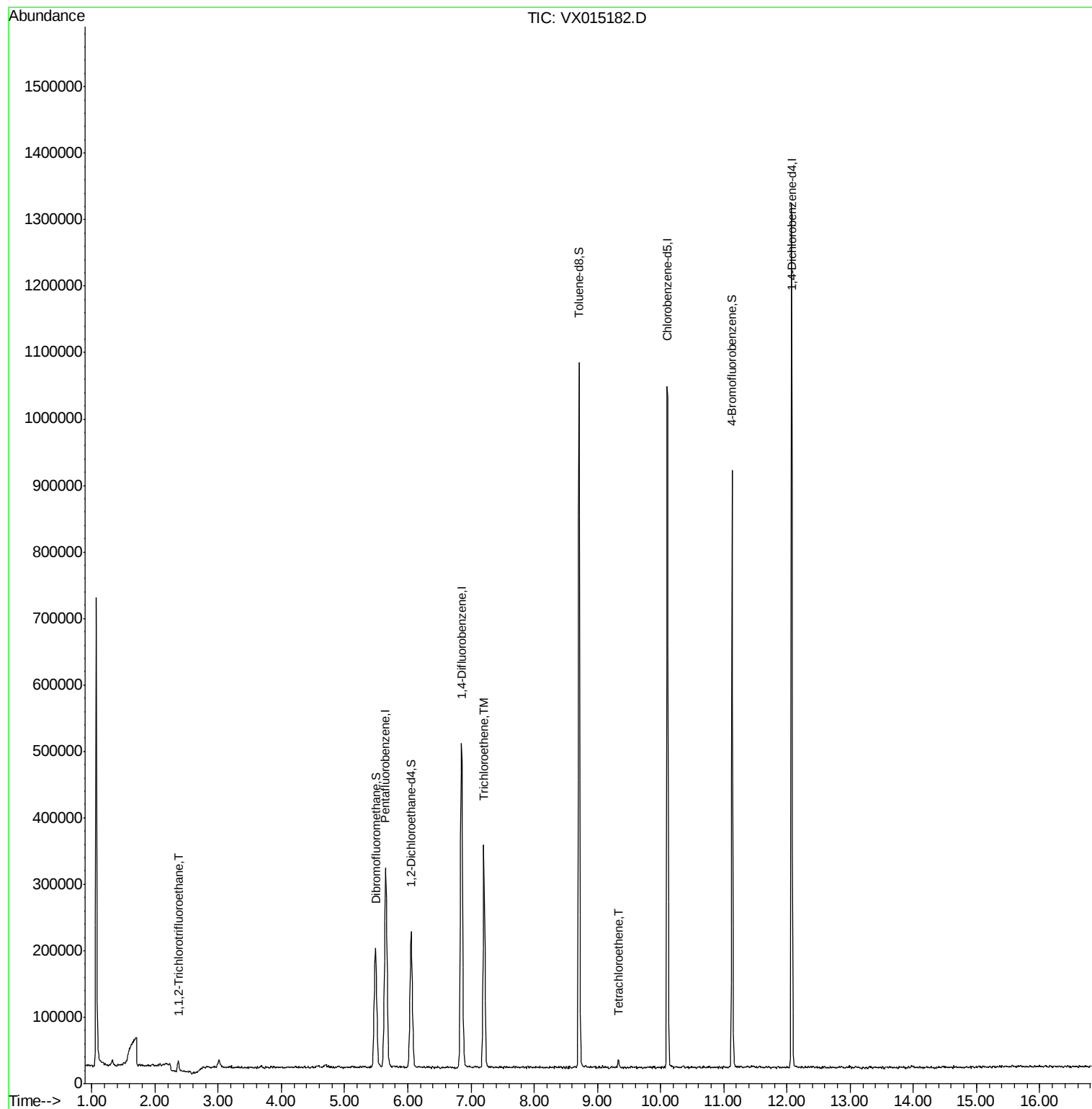
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	302103	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	495799	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	487936	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	261118	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	191297	53.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.74%	
35) Dibromofluoromethane	5.48	113	155671	49.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.54%	
50) Toluene-d8	8.71	98	611355	51.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.76%	
62) 4-Bromofluorobenzene	11.14	95	230426	54.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.60%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	2.37	101	5764	2.026	ug/l	92
44) Trichloroethene	7.20	130	131885	34.825	ug/l	95
64) Tetrachloroethene	9.33	164	2740	0.679	ug/l #	86

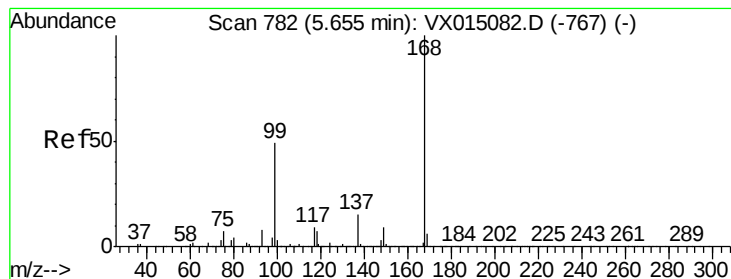
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Mar 04 14:19:10 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.00 min

Lab File: VX015182.D

Acq: 10 Mar 2020 19:28

Instrument :

MSVOA_X

ClientSampleId :

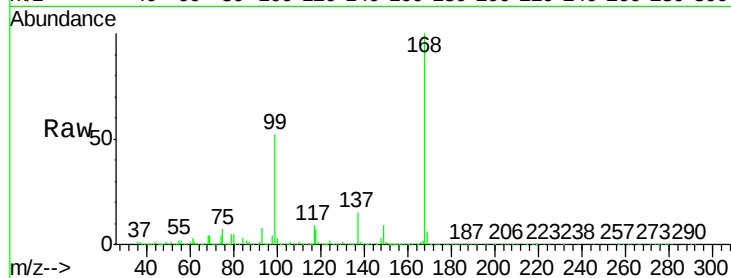
RE125D2-20200306DL

Tot Ion:168 Resp: 302103

Ion Ratio Lower Upper

168 100

99 51.5 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

120000

100000

80000

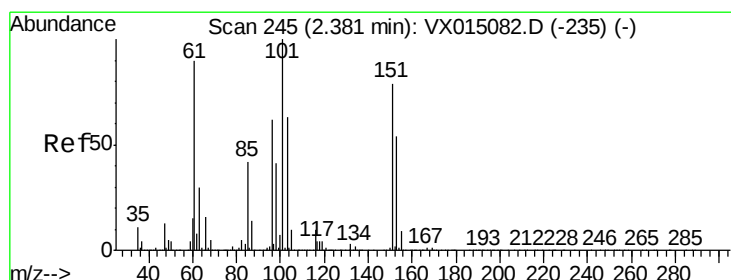
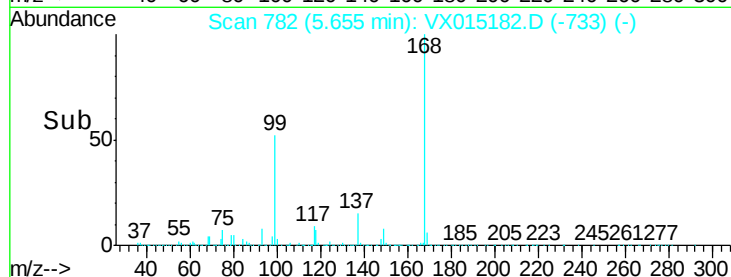
60000

40000

20000

0

Time-->



#9

1,1,2-Trichlorotrifluoroethane

Concen: 2.026 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX015182.D

Acq: 10 Mar 2020 19:28

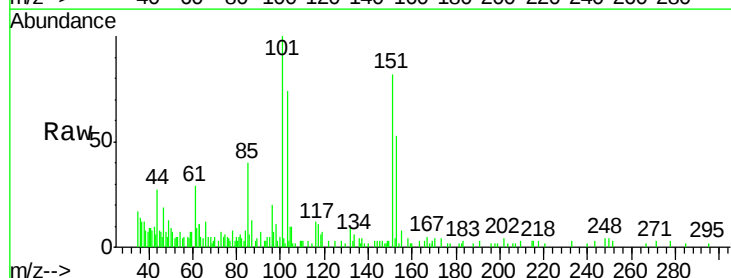
Tgt Ion:101 Resp: 5764

Ion Ratio Lower Upper

101 100

85 47.0 33.7 50.5

151 87.1 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

2.37

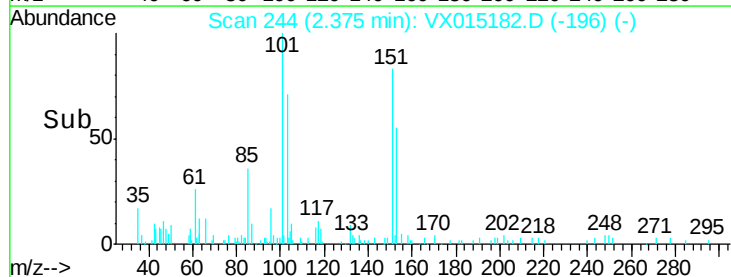
3000

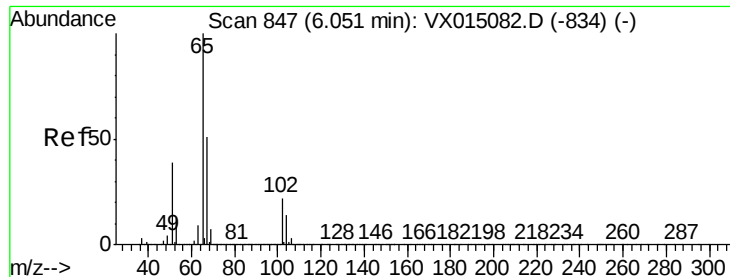
2000

1000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 53.374 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX015182.D

Acq: 10 Mar 2020 19:28

Instrument :

MSVOA_X

ClientSampleId :

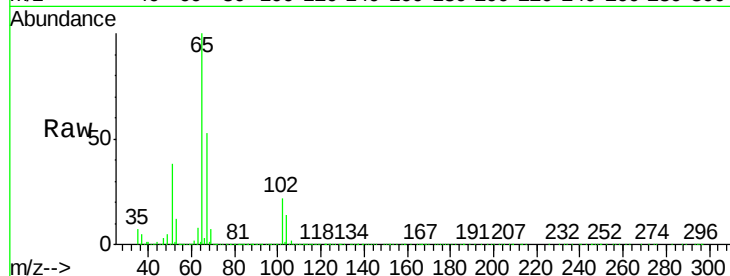
RE125D2-20200306DL

Tot Ion: 65 Resp: 191297

Ion Ratio Lower Upper

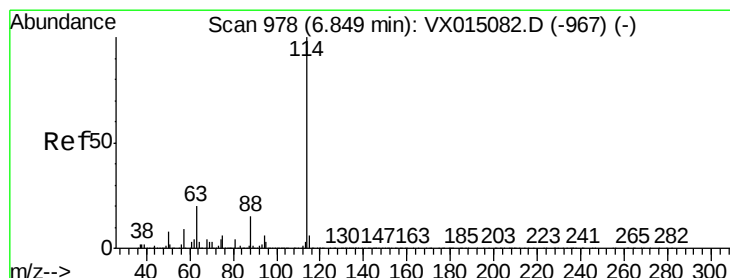
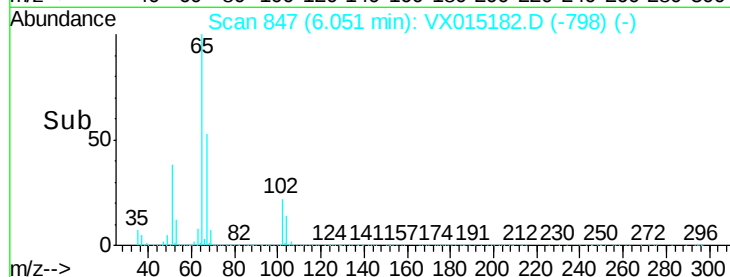
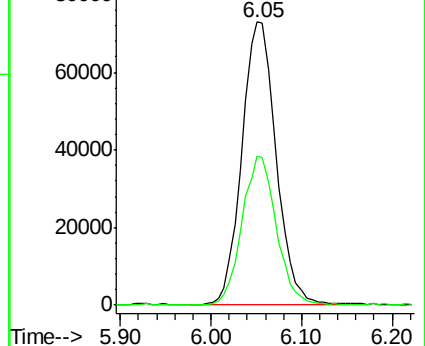
65 100

67 52.9 0.0 105.6



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: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX015182.D

Acq: 10 Mar 2020 19:28

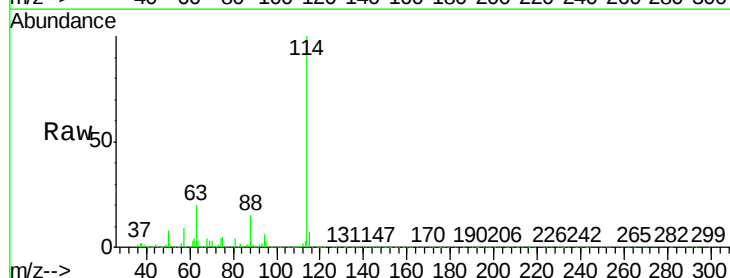
Tgt Ion: 114 Resp: 495799

Ion Ratio Lower Upper

114 100

63 20.4 0.0 40.0

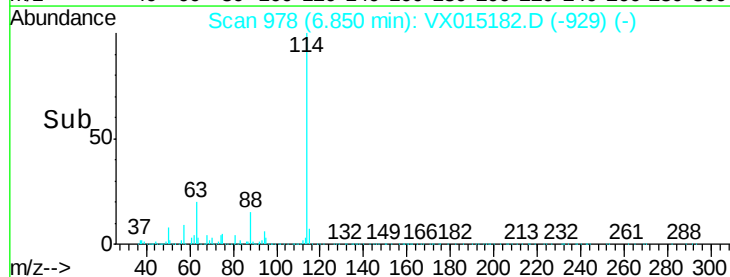
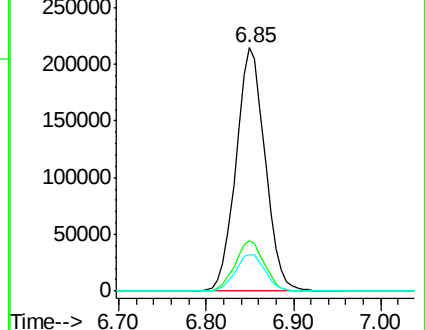
88 15.0 0.0 30.6

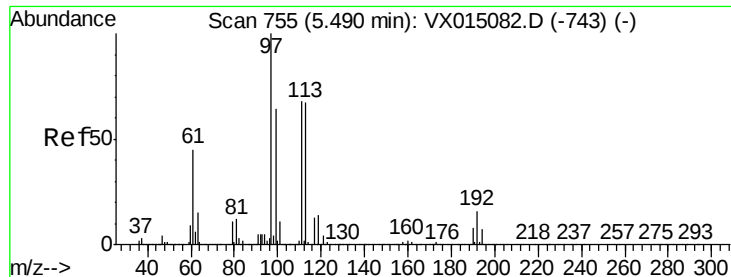


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 49.769 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX015182.D

Acq: 10 Mar 2020 19:28

Instrument :

MSVOA_X

ClientSampleId :

RE125D2-20200306DL

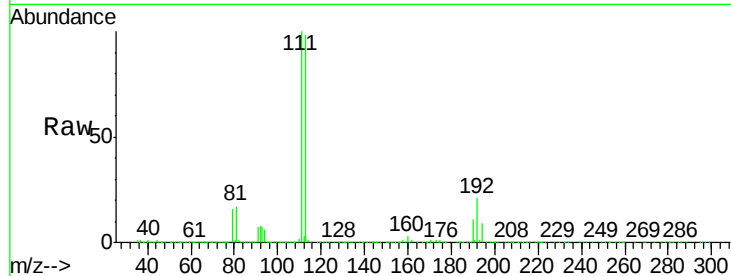
Tot Ion:113 Resp: 155671

Ion Ratio Lower Upper

113 100

111 102.1 82.6 123.8

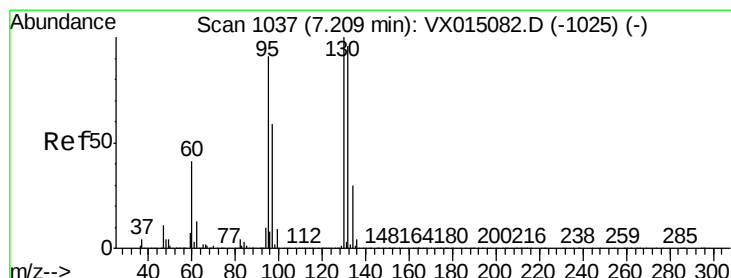
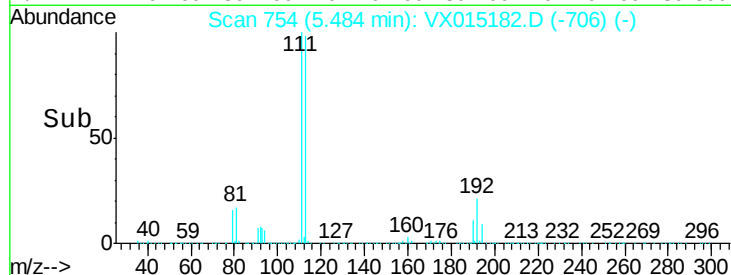
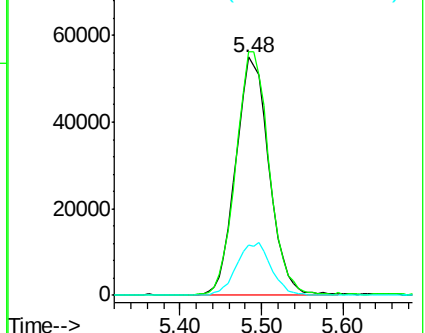
192 22.8 18.6 28.0



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: 34.825 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX015182.D

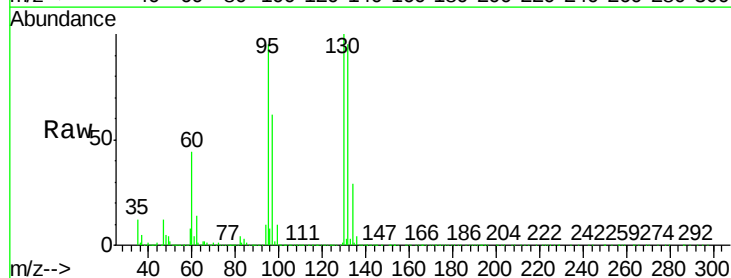
Acq: 10 Mar 2020 19:28

Tgt Ion:130 Resp: 131885

Ion Ratio Lower Upper

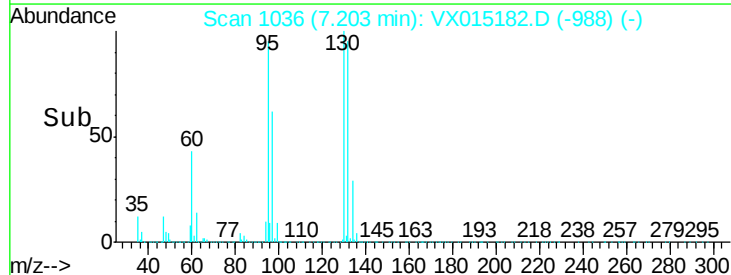
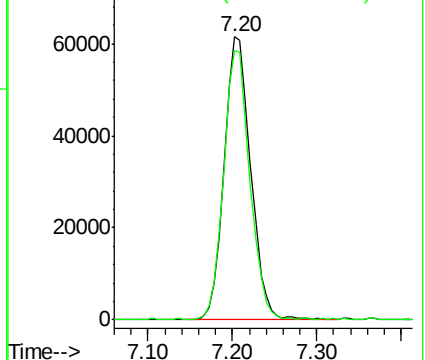
130 100

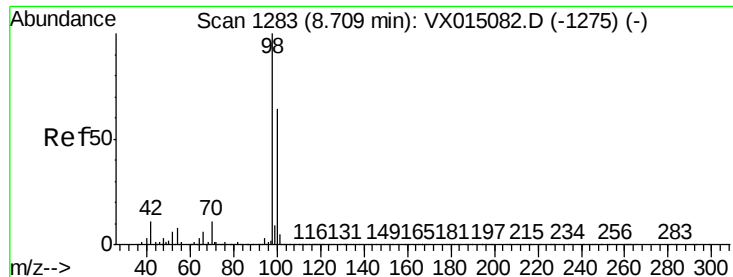
95 94.9 0.0 181.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): V





#50

Toluene-d8

Concen: 51.384 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX015182.D

Acq: 10 Mar 2020 19:28

Instrument :

MSVOA_X

ClientSampleId :

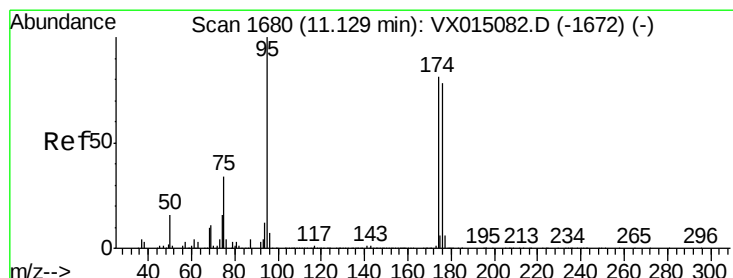
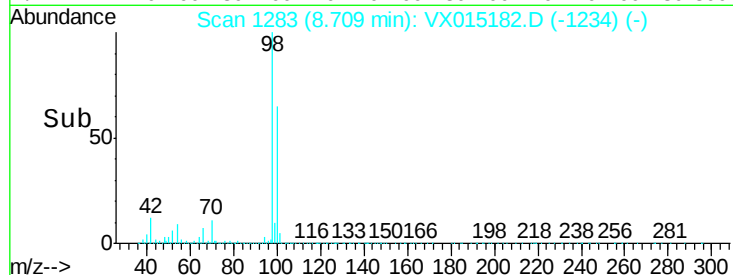
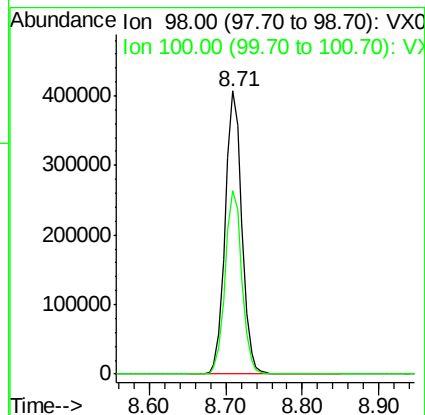
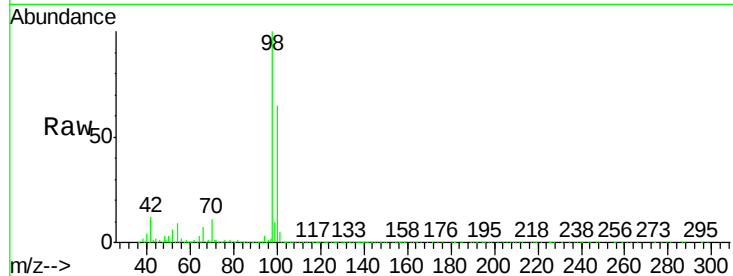
RE125D2-20200306DL

Tot Ion: 98 Resp: 611355

Ion Ratio Lower Upper

98 100

100 65.2 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 54.297 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.01 min

Lab File: VX015182.D

Acq: 10 Mar 2020 19:28

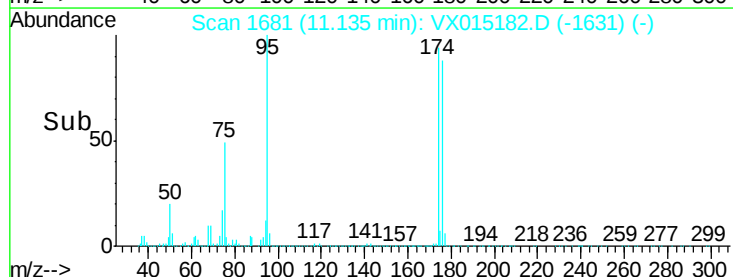
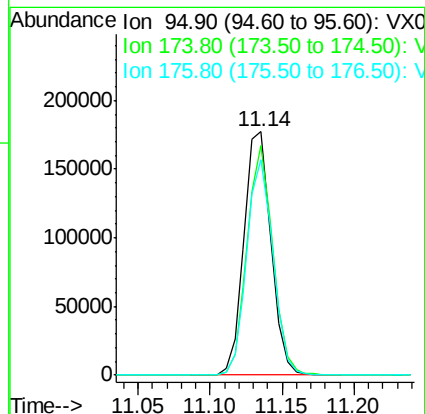
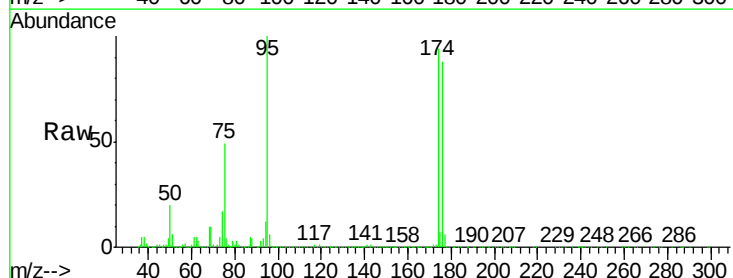
Tgt Ion: 95 Resp: 230426

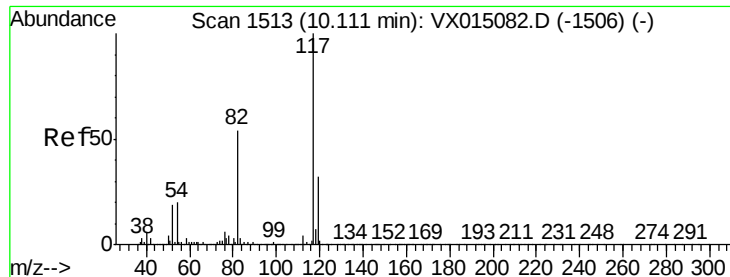
Ion Ratio Lower Upper

95 100

174 89.5 0.0 177.6

176 86.0 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX015182.D

Acq: 10 Mar 2020 19:28

Instrument :

MSVOA_X

ClientSampleId :

RE125D2-20200306DL

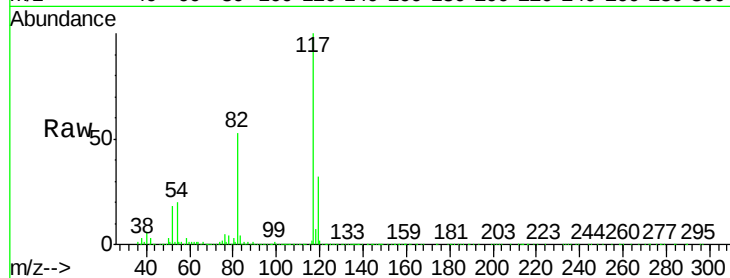
Tot Ion:117 Resp: 487936

Ion Ratio Lower Upper

117 100

82 52.6 43.3 64.9

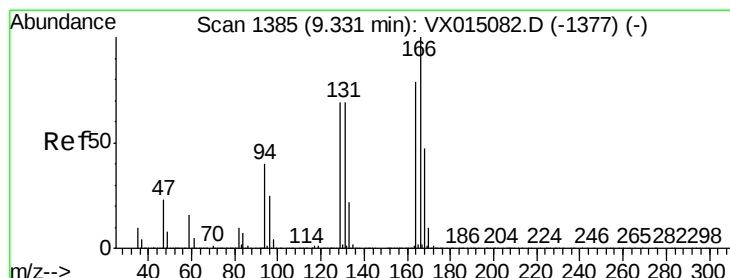
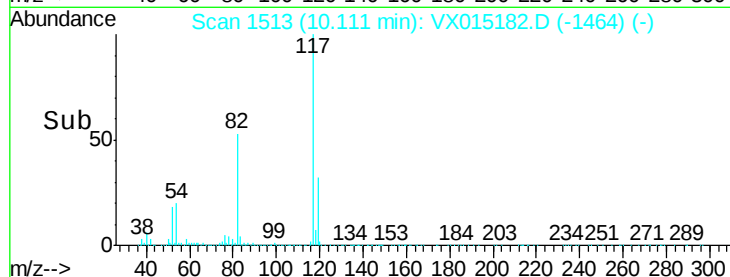
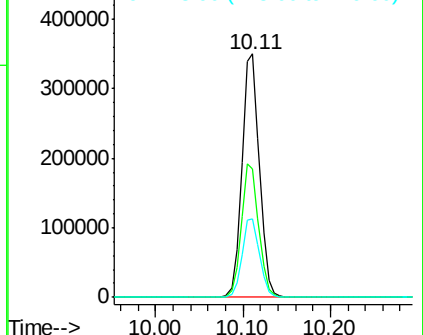
119 32.0 25.8 38.8



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: 0.679 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX015182.D

Acq: 10 Mar 2020 19:28

Tgt Ion:164 Resp: 2740

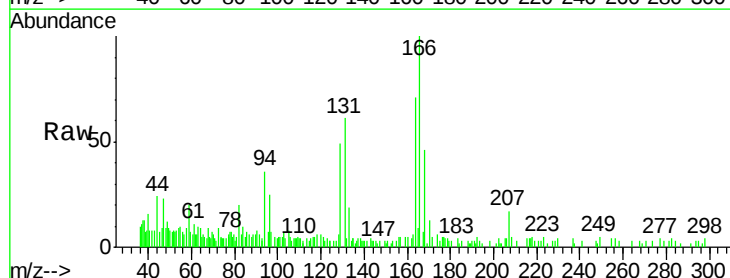
Ion Ratio Lower Upper

164 100

166 137.5 101.1 151.7

129 64.2 69.4 104.0#

131 78.6 69.8 104.8

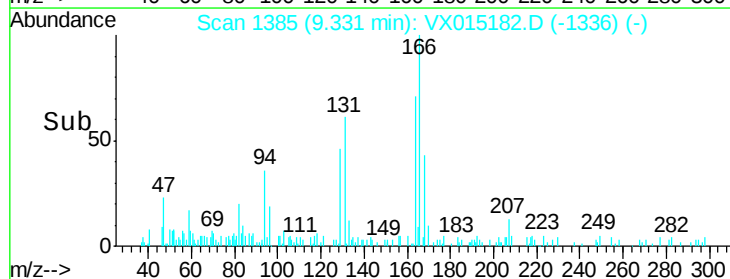
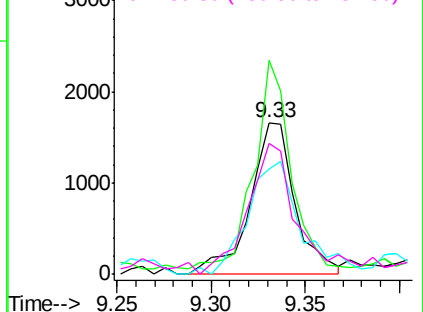


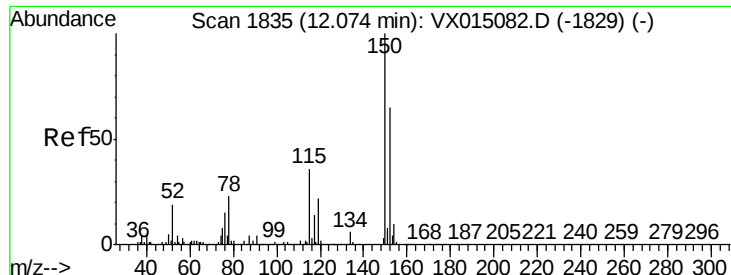
Abundance Ion 163.80 (163.50 to 164.50): V

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: VX015182.D

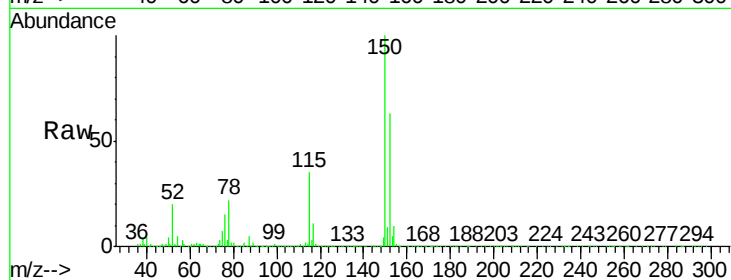
Acq: 10 Mar 2020 19:28

Instrument :

MSVOA_X

ClientSampleId :

RE125D2-20200306DL



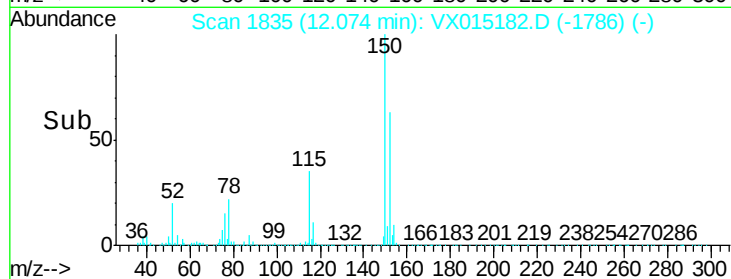
Tot Ion:152 Resp: 261118

Ion Ratio Lower Upper

152 100

115 55.6 38.2 114.6

150 159.2 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

