

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031320\
 Data File : VX015265.D
 Acq On : 13 Mar 2020 17:13
 Operator : JC/SP
 Sample : L1903-26
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE125D1-20200311

Quant Time: Mar 16 09:30:16 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	250254	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	392481	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	381084	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	198773	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	142474	47.99	ug/l	0.00
Spiked Amount						
			Recovery	=	95.98%	
35) Dibromofluoromethane	5.49	113	120942	48.84	ug/l	0.00
Spiked Amount						
			Recovery	=	97.68%	
50) Toluene-d8	8.71	98	480235	50.99	ug/l	0.00
Spiked Amount						
			Recovery	=	101.98%	
62) 4-Bromofluorobenzene	11.13	95	176382	52.50	ug/l	0.00
Spiked Amount						
			Recovery	=	105.00%	

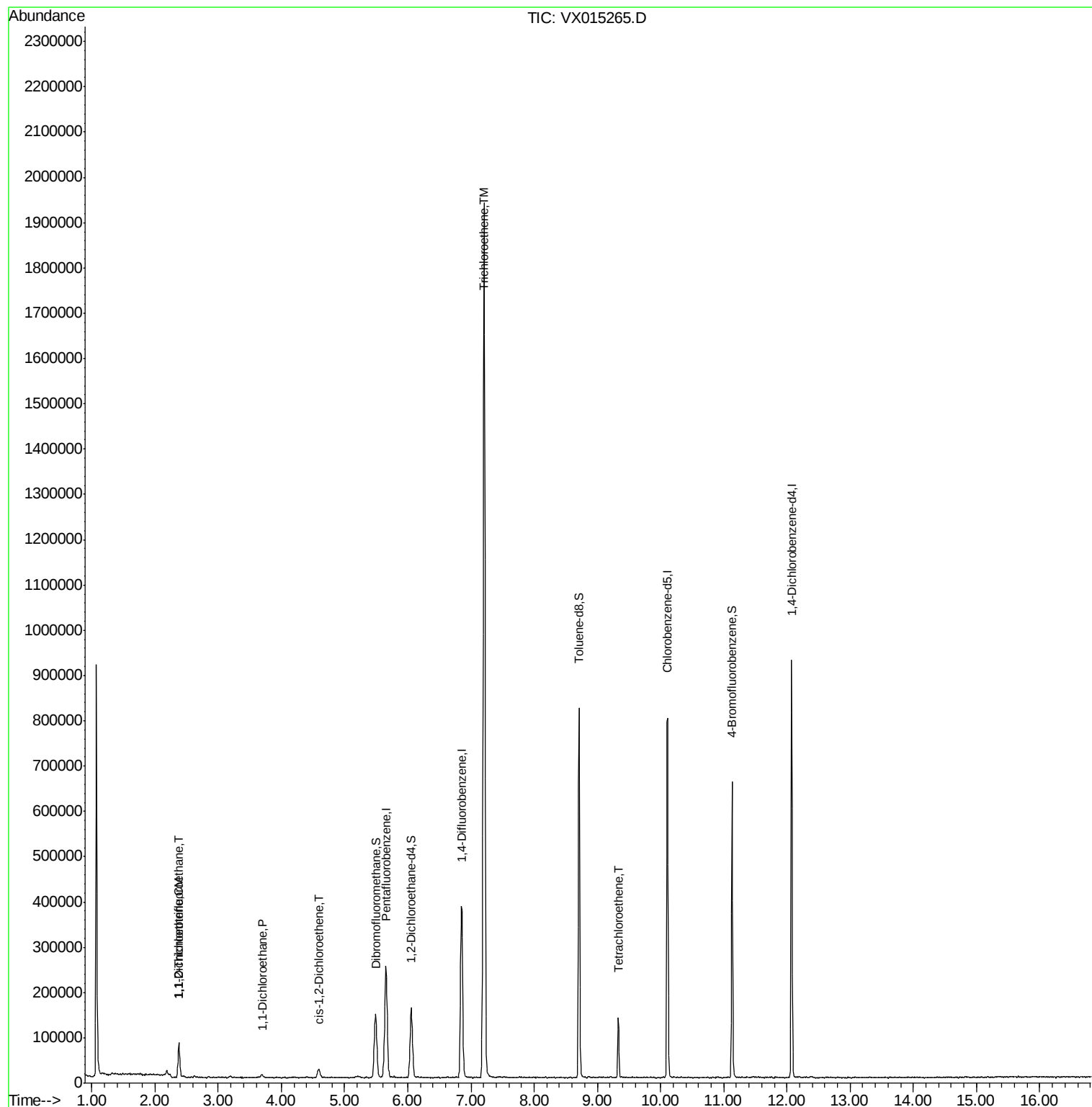
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) 1,1,2-Trichlorotrifluoroet	2.38	101	26791	11.370	ug/l	95
12) 1,1-Dichloroethene	2.37	96	5924	2.436	ug/l	89
24) 1,1-Dichloroethane	3.69	63	7397	1.578	ug/l #	89
27) cis-1,2-Dichloroethene	4.59	96	13617	4.674	ug/l	83
44) Trichloroethene	7.21	130	771640	257.392	ug/l	98
64) Tetrachloroethene	9.33	164	27104	8.602	ug/l	97

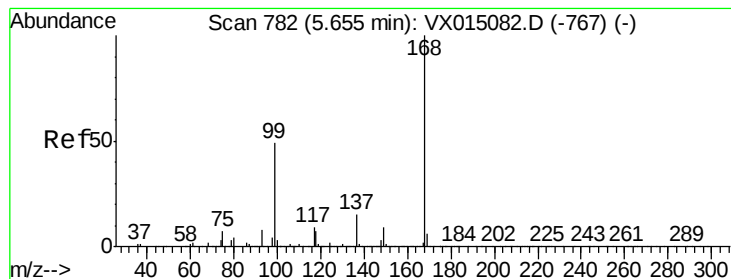
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX031320\
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Acq On : 13 Mar 2020 17:13
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Quant Time: Mar 16 09:30:16 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
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: VX015265.D

Acq: 13 Mar 2020 17:13

Instrument :

MSVOA_X

ClientSampleId :

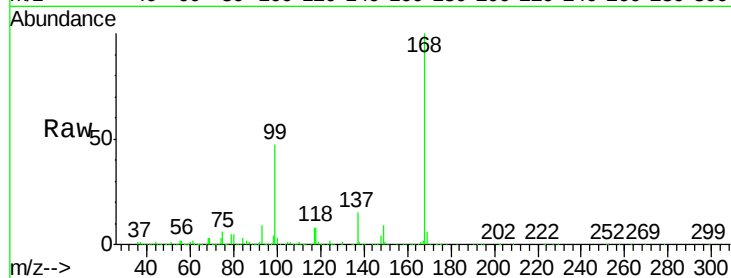
RE125D1-20200311

Tot Ion:168 Resp: 250254

Ion Ratio Lower Upper

168 100

99 47.0 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

80000

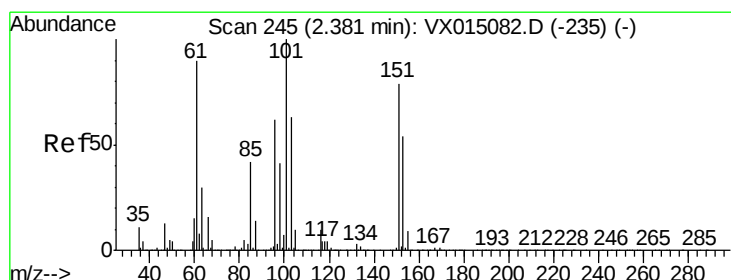
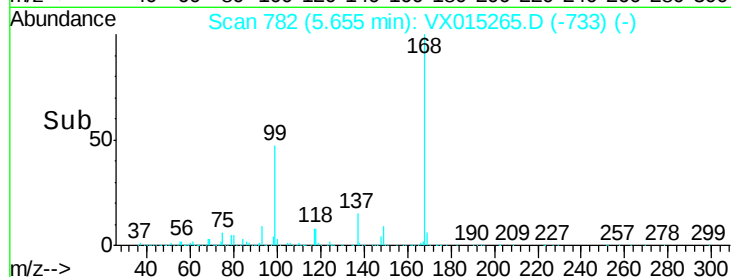
60000

40000

20000

0

Time-->



#9

1,1,2-Trichlorotrifluoroethane

Concen: 11.370 ug/l

RT: 2.38 min Scan# 245

Delta R.T. 0.00 min

Lab File: VX015265.D

Acq: 13 Mar 2020 17:13

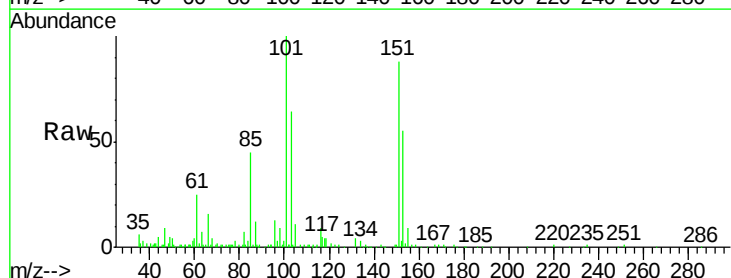
Tgt Ion:101 Resp: 26791

Ion Ratio Lower Upper

101 100

85 44.2 33.7 50.5

151 84.7 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

2.38

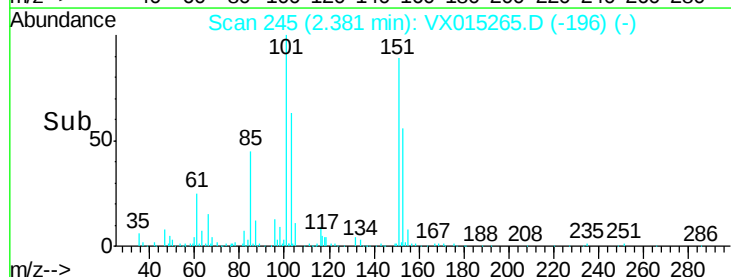
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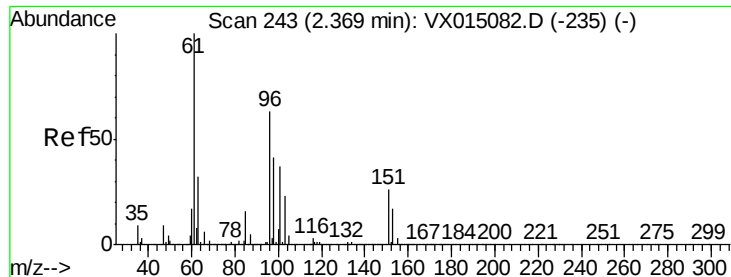
10000

5000

0

Time-->





#12

1,1-Dichloroethene

Concen: 2.436 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX015265.D

Acq: 13 Mar 2020 17:13

Instrument :

MSVOA_X

ClientSampleId :

RE125D1-20200311

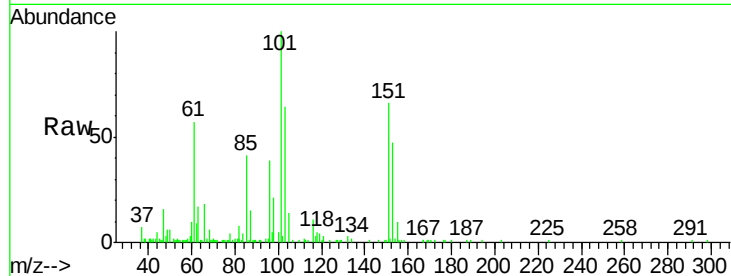
Tot Ion: 96 Resp: 5924

Ion Ratio Lower Upper

96 100

61 143.7 126.2 189.4

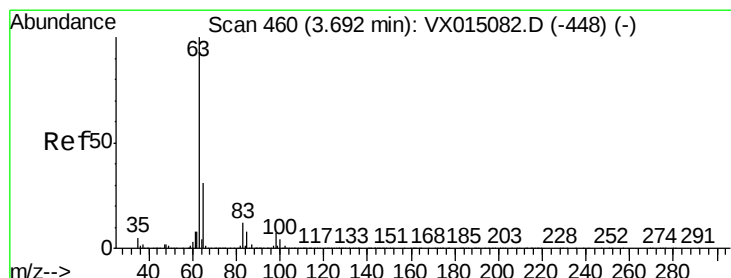
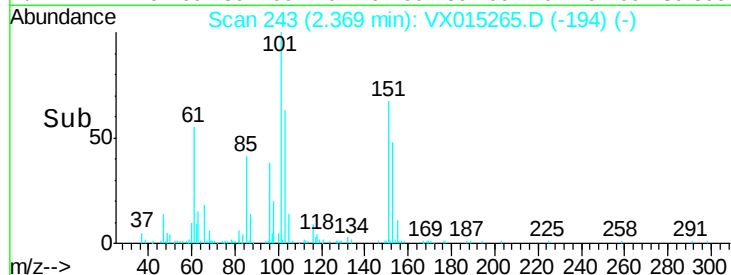
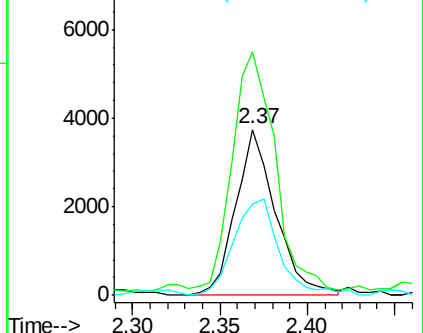
98 55.1 51.4 77.0



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#24

1,1-Dichloroethane

Concen: 1.578 ug/l

RT: 3.69 min Scan# 460

Delta R.T. 0.00 min

Lab File: VX015265.D

Acq: 13 Mar 2020 17:13

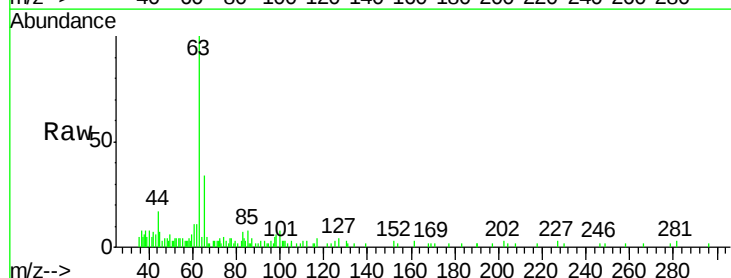
Tgt Ion: 63 Resp: 7397

Ion Ratio Lower Upper

63 100

98 11.3 3.7 11.1#

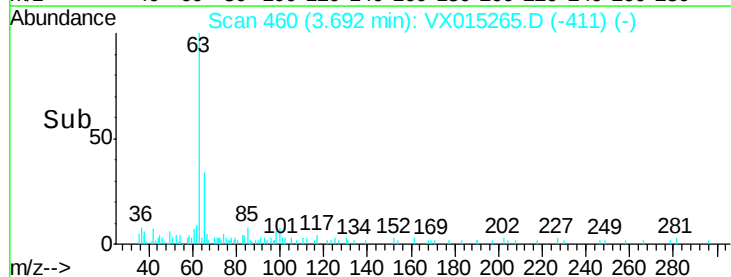
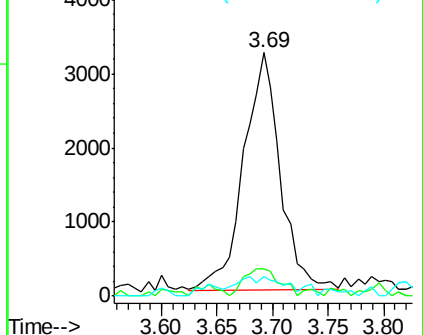
100 8.2 2.1 6.5#

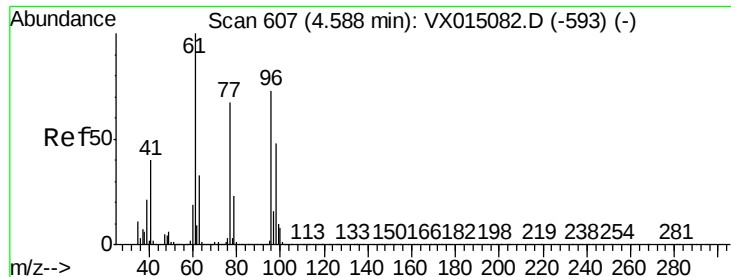


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0



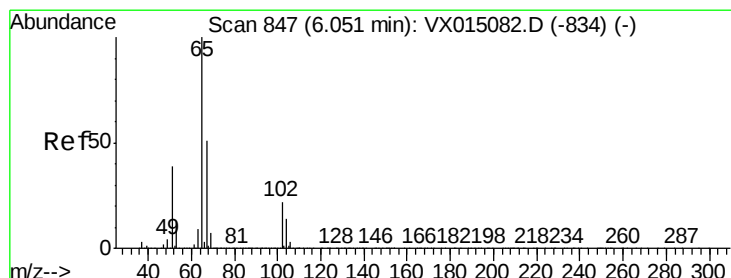
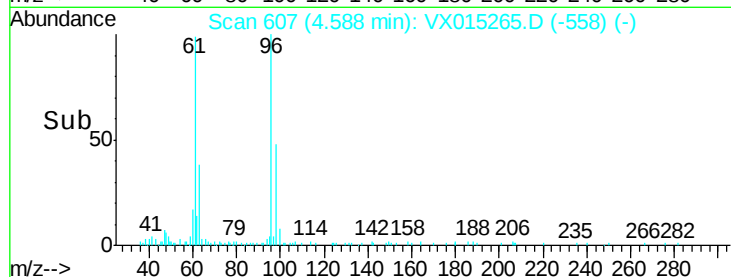
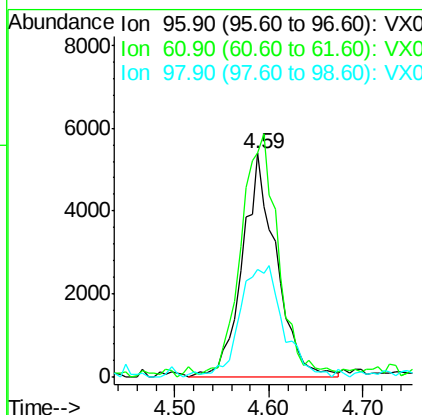
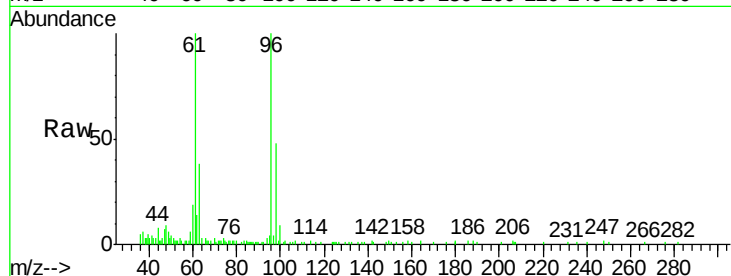


#27

cis-1,2-Dichloroethene
Concen: 4.674 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX015265.D
Acq: 13 Mar 2020 17:13

Instrument :
MSVOA_X
ClientSampleId :
RE125D1-20200311

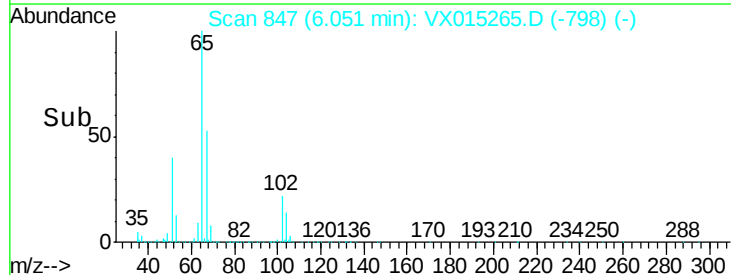
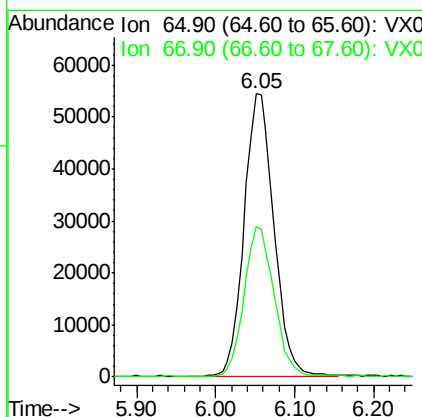
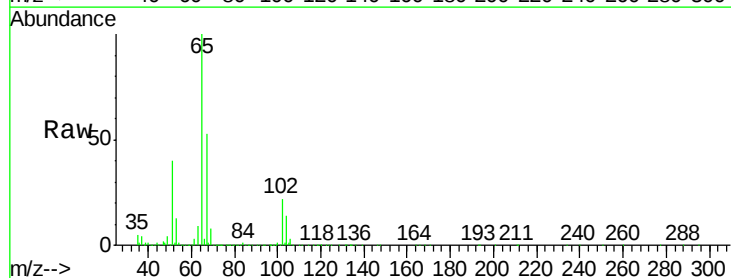
Tot Ion	96	Resp	13617
Ion	Ratio	Lower	Upper
96	100		
61	114.3	0.0	286.8
98	62.3	0.0	128.4

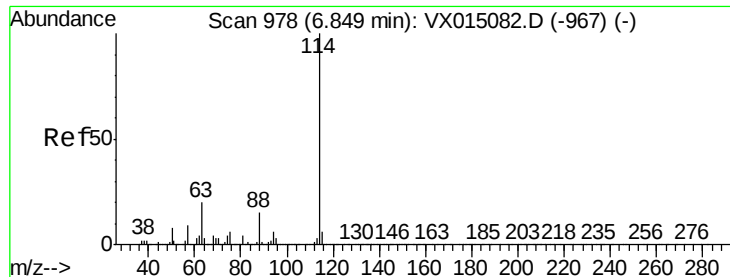


#33

1,2-Dichloroethane-d4
Concen: 47.988 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX015265.D
Acq: 13 Mar 2020 17:13

Tgt Ion	65	Resp	142474
Ion	Ratio	Lower	Upper
65	100		
67	53.4	0.0	105.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 979

Delta R.T. 0.01 min

Lab File: VX015265.D

Acq: 13 Mar 2020 17:13

Instrument :

MSVOA_X

ClientSampleId :

RE125D1-20200311

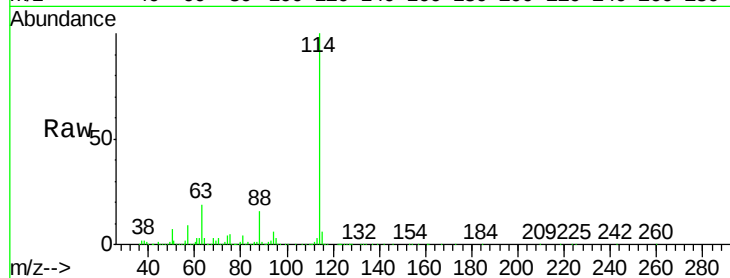
Tot Ion:114 Resp: 392481

Ion Ratio Lower Upper

114 100

63 19.1 0.0 40.0

88 16.4 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

200000

150000

100000

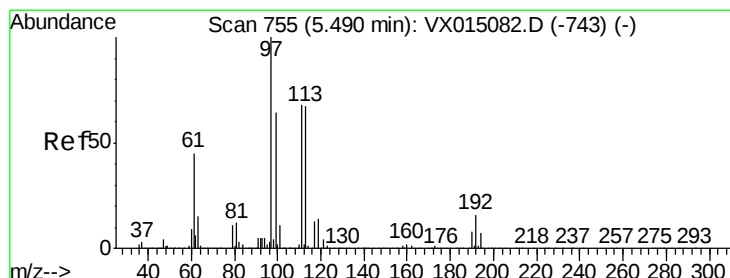
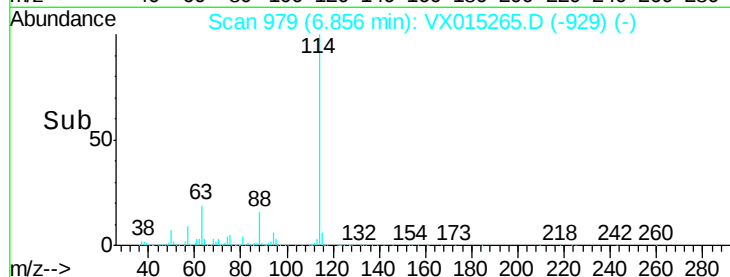
50000

0

6.86

6.70 6.80 6.90

Time-->



#35

Dibromofluoromethane

Concen: 48.845 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX015265.D

Acq: 13 Mar 2020 17:13

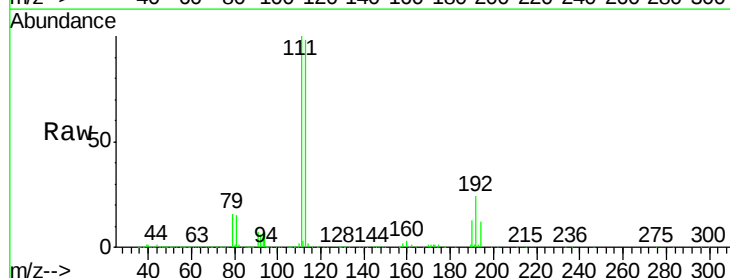
Tgt Ion:113 Resp: 120942

Ion Ratio Lower Upper

113 100

111 103.3 82.6 123.8

192 24.6 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

60000

50000

40000

30000

20000

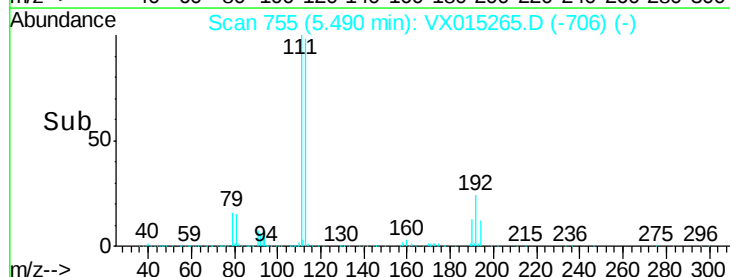
10000

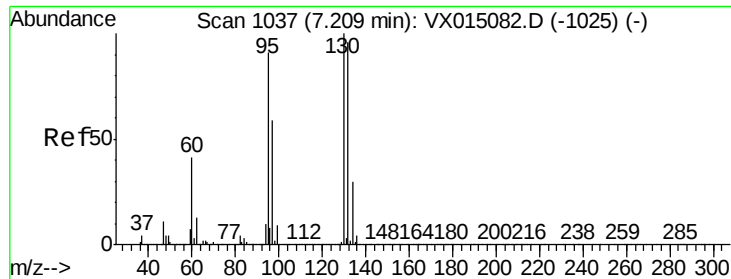
0

5.49

5.40 5.50 5.60

Time-->





#44

Trichloroethene

Concen: 257.392 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VX015265.D

Acq: 13 Mar 2020 17:13

Instrument :

MSVOA_X

ClientSampleId :

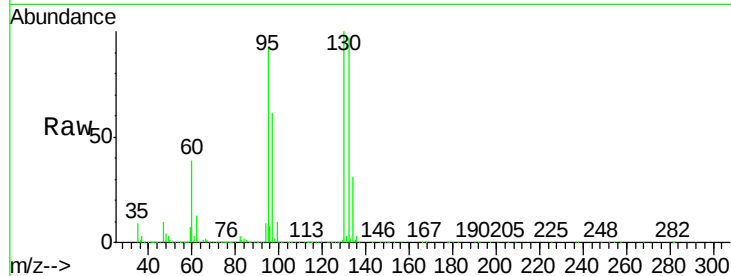
RE125D1-20200311

Tot Ion:130 Resp: 771640

Ion Ratio Lower Upper

130 100

95 92.1 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

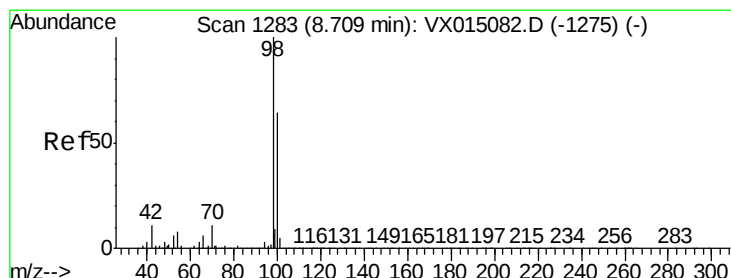
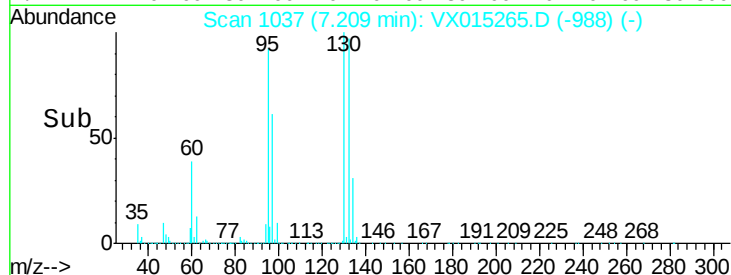
300000

200000

100000

0

Time-->



#50

Toluene-d8

Concen: 50.988 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX015265.D

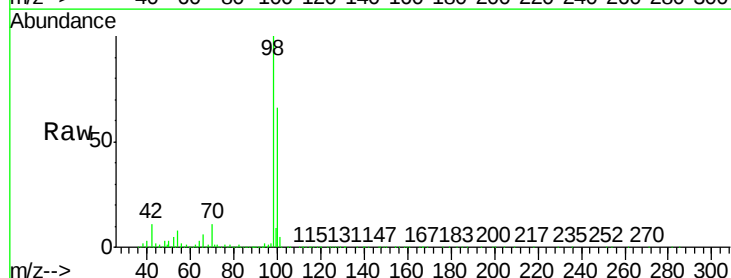
Acq: 13 Mar 2020 17:13

Tgt Ion: 98 Resp: 480235

Ion Ratio Lower Upper

98 100

100 66.0 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

8.71

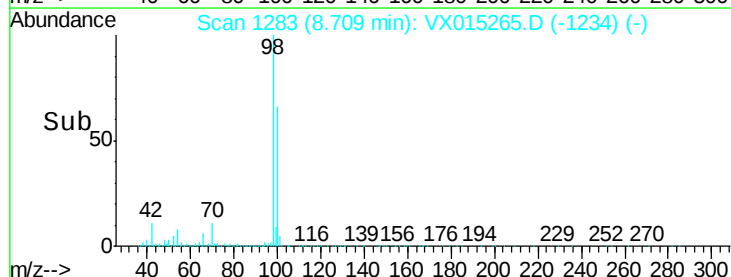
300000

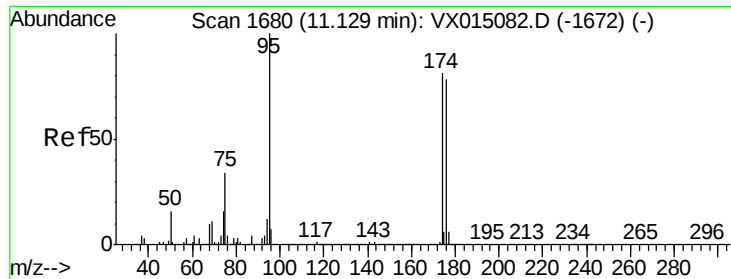
200000

100000

0

Time-->





#62

4-Bromofluorobenzene

Concen: 52.503 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX015265.D

Acq: 13 Mar 2020 17:13

Instrument :

MSVOA_X

ClientSampleId :

RE125D1-20200311

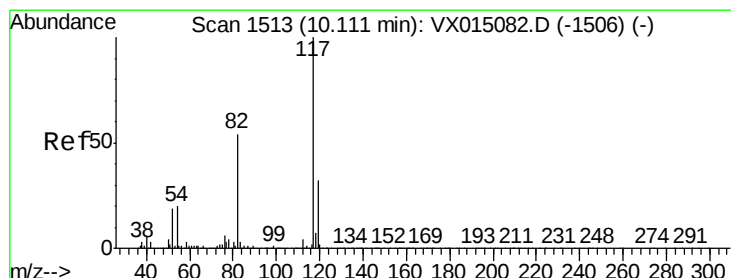
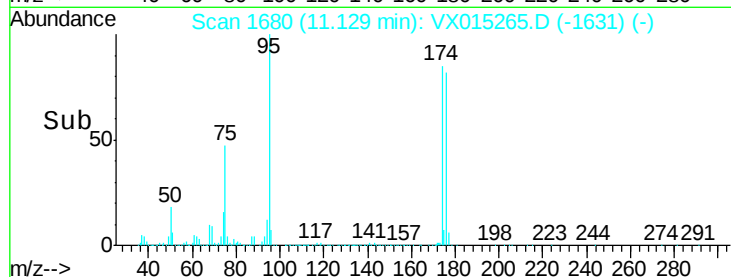
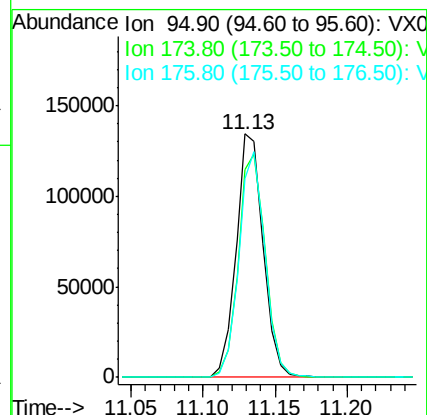
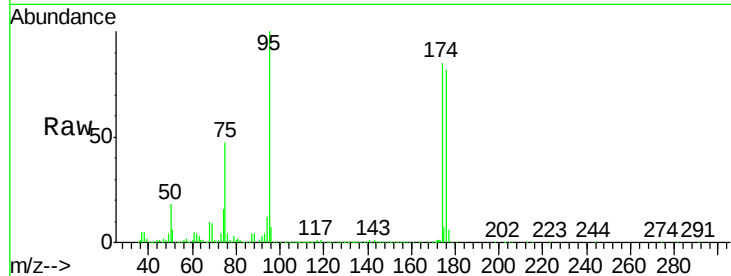
Tot Ion: 95 Resp: 176382

Ion Ratio Lower Upper

95 100

174 91.6 0.0 177.6

176 89.6 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: VX015265.D

Acq: 13 Mar 2020 17:13

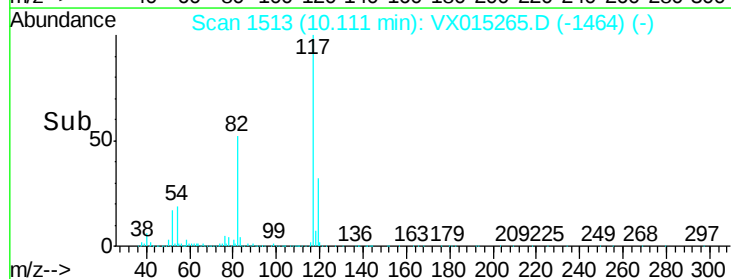
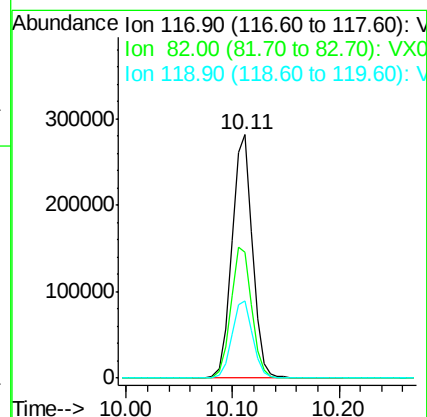
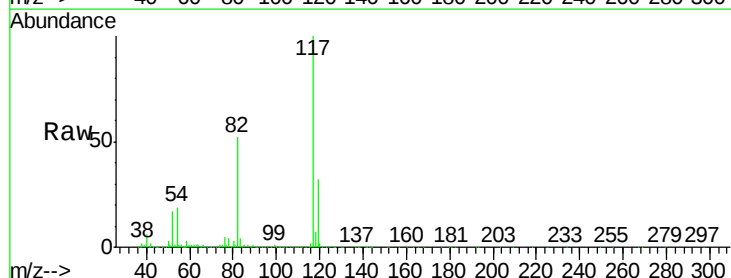
Tgt Ion: 117 Resp: 381084

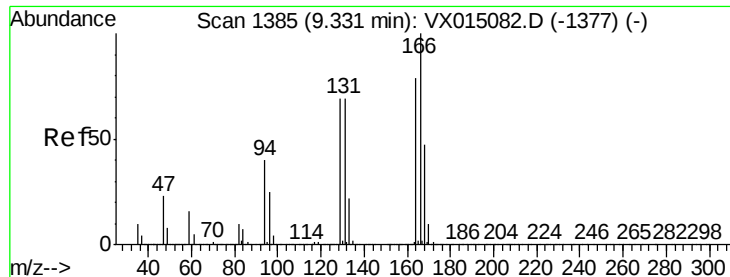
Ion Ratio Lower Upper

117 100

82 51.7 43.3 64.9

119 31.9 25.8 38.8





#64

Tetrachloroethene

Concen: 8.602 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX015265.D

Acq: 13 Mar 2020 17:13

Instrument :

MSVOA_X

ClientSampleId :

RE125D1-20200311

Tot Ion:164 Resp: 27104

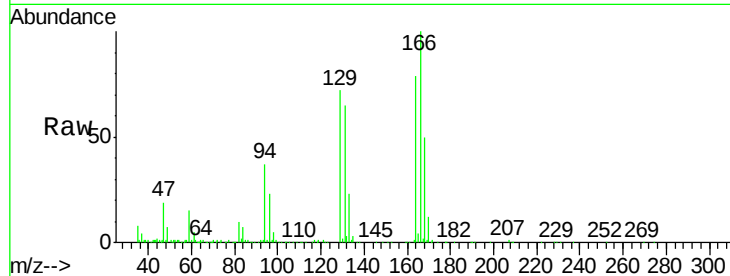
Ion Ratio Lower Upper

164 100

166 126.1 101.1 151.7

129 91.3 69.4 104.0

131 82.1 69.8 104.8

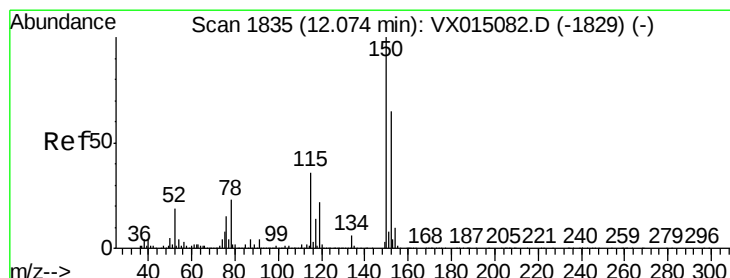
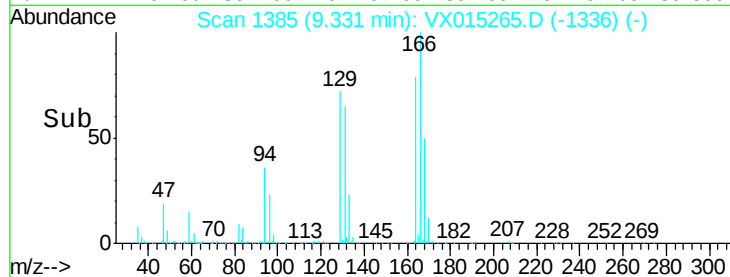
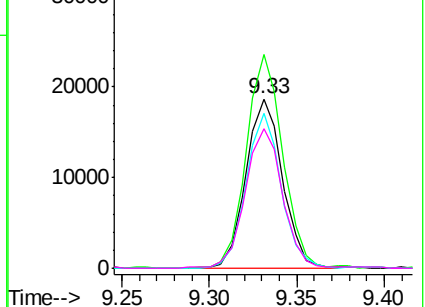


Abundance Ion 163.80 (163.50 to 164.50): V

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: VX015265.D

Acq: 13 Mar 2020 17:13

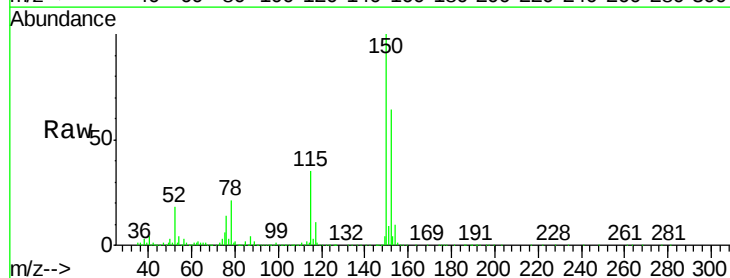
Tgt Ion:152 Resp: 198773

Ion Ratio Lower Upper

152 100

115 54.6 38.2 114.6

150 156.9 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

