

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031320\
 Data File : VX015255.D
 Acq On : 13 Mar 2020 13:27
 Operator : JC/SP
 Sample : L1903-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE120D3-20200309

Quant Time: Mar 16 09:10:03 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	273917	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	439084	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	422677	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	215182	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	157111	48.35	ug/l	0.00
Spiked Amount			Recovery	=	96.70%	
35) Dibromofluoromethane	5.49	113	133874	48.33	ug/l	0.00
Spiked Amount			Recovery	=	96.66%	
50) Toluene-d8	8.71	98	537001	50.96	ug/l	0.00
Spiked Amount			Recovery	=	101.92%	
62) 4-Bromofluorobenzene	11.13	95	198394	52.79	ug/l	0.00
Spiked Amount			Recovery	=	105.58%	

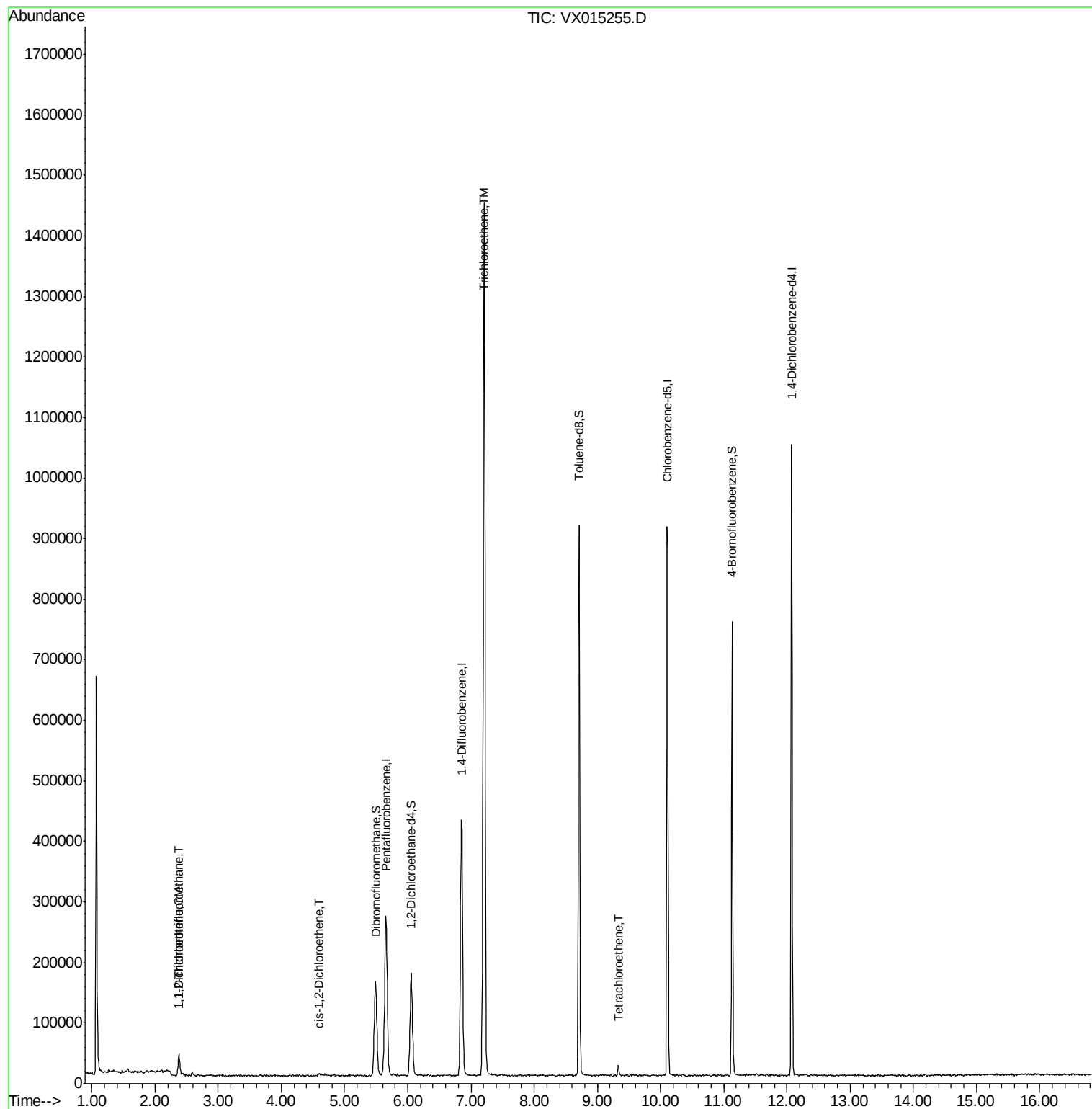
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) 1,1,2-Trichlorotrifluoroet	2.38	101	13155	5.100	ug/l	99
12) 1,1-Dichloroethene	2.37	96	2712	1.019	ug/l	94
27) cis-1,2-Dichloroethene	4.59	96	2711	0.850	ug/l	87
44) Trichloroethene	7.21	130	581264	173.311	ug/l	97
64) Tetrachloroethene	9.33	164	3214	0.920	ug/l	92

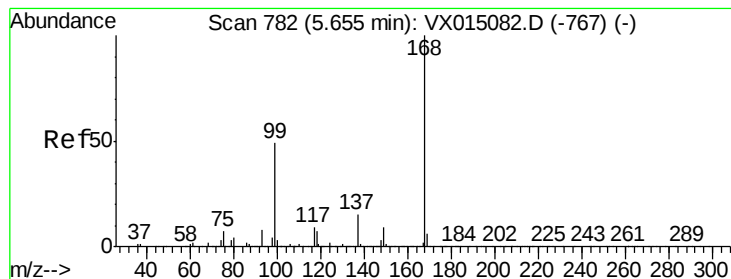
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX015255.D

Acq: 13 Mar 2020 13:27

Instrument :

MSVOA_X

ClientSampleId :

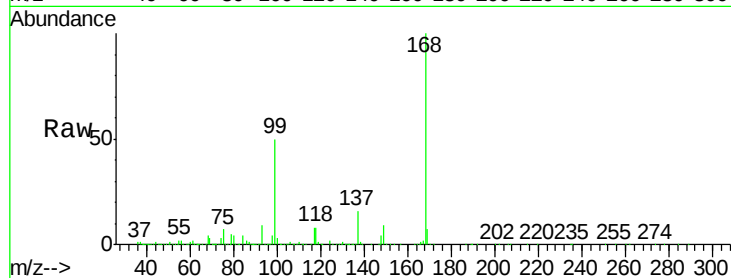
RE120D3-20200309

Tot Ion:168 Resp: 273917

Ion Ratio Lower Upper

168 100

99 50.4 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

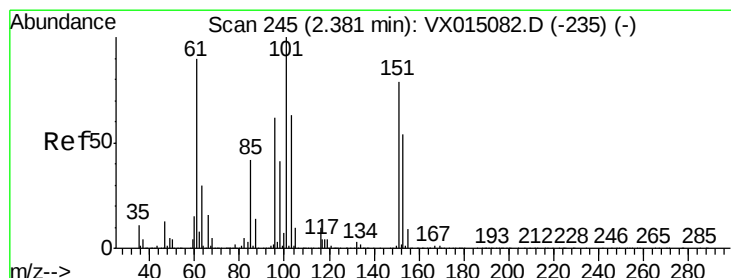
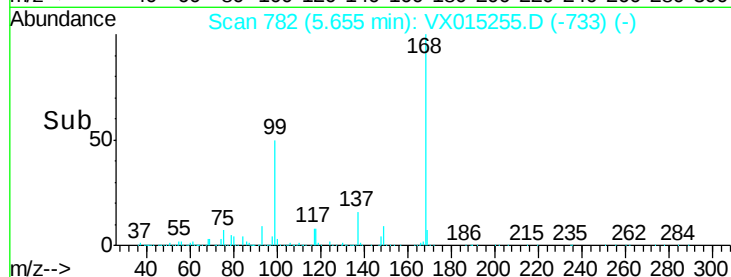
60000

40000

20000

0

Time-->



#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.100 ug/l

RT: 2.38 min Scan# 245

Delta R.T. 0.00 min

Lab File: VX015255.D

Acq: 13 Mar 2020 13:27

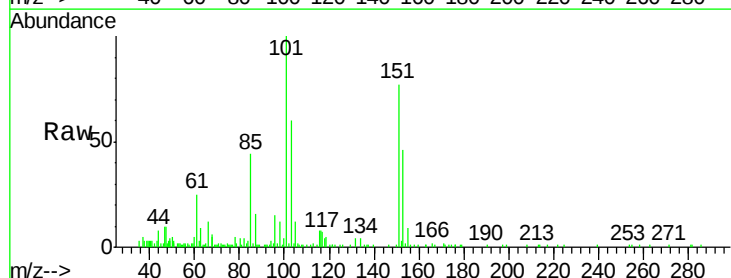
Tgt Ion:101 Resp: 13155

Ion Ratio Lower Upper

101 100

85 43.2 33.7 50.5

151 80.8 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

8000

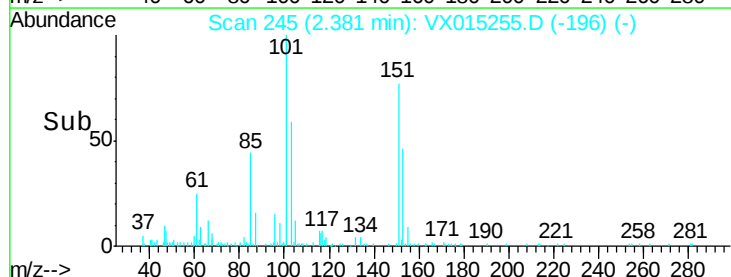
6000

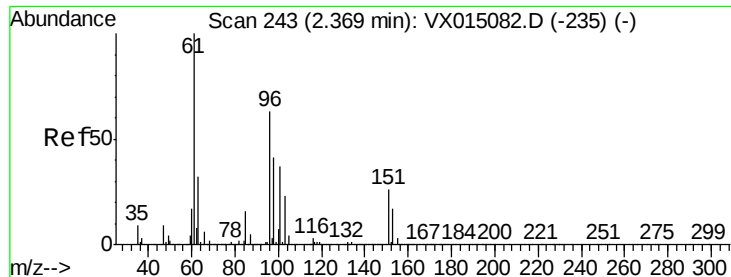
4000

2000

0

Time-->





#12

1,1-Dichloroethene

Concen: 1.019 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX015255.D

Acq: 13 Mar 2020 13:27

Instrument :

MSVOA_X

ClientSampleId :

RE120D3-20200309

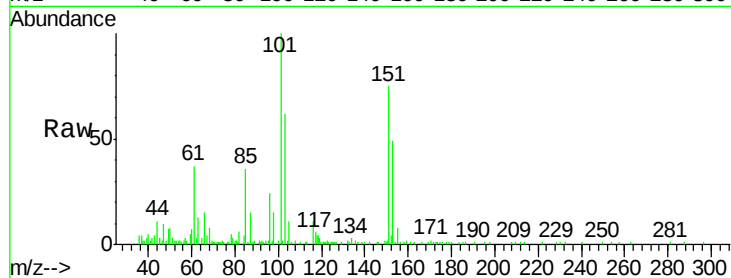
Tot Ion: 96 Resp: 2712

Ion Ratio Lower Upper

96 100

61 151.1 126.2 189.4

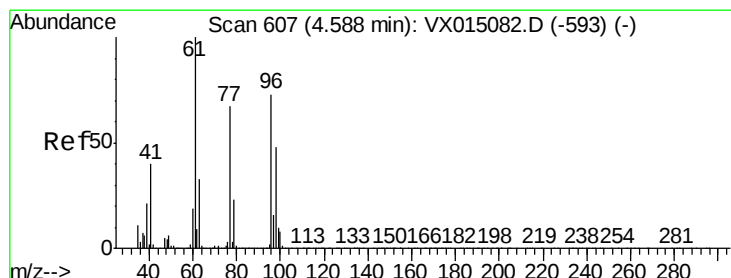
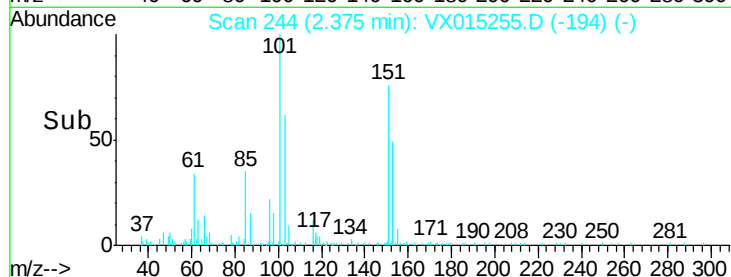
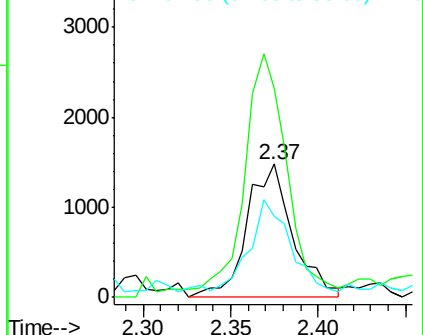
98 57.0 51.4 77.0



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



#27

cis-1,2-Dichloroethene

Concen: 0.850 ug/l

RT: 4.59 min Scan# 607

Delta R.T. 0.00 min

Lab File: VX015255.D

Acq: 13 Mar 2020 13:27

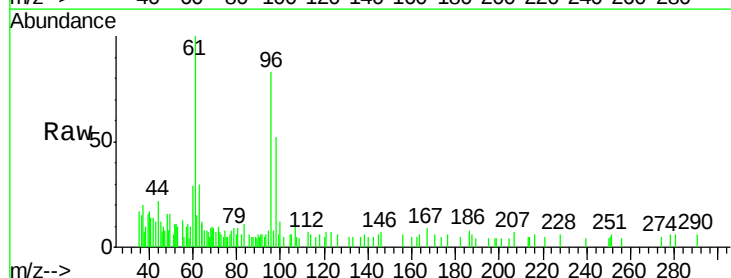
Tgt Ion: 96 Resp: 2711

Ion Ratio Lower Upper

96 100

61 123.5 0.0 286.8

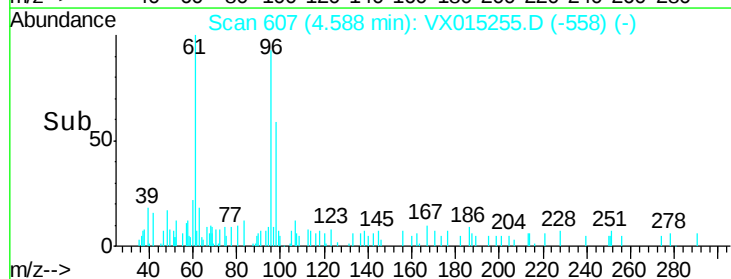
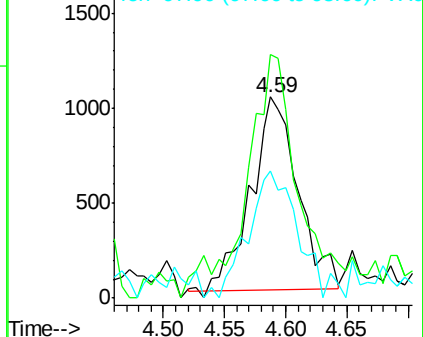
98 70.2 0.0 128.4

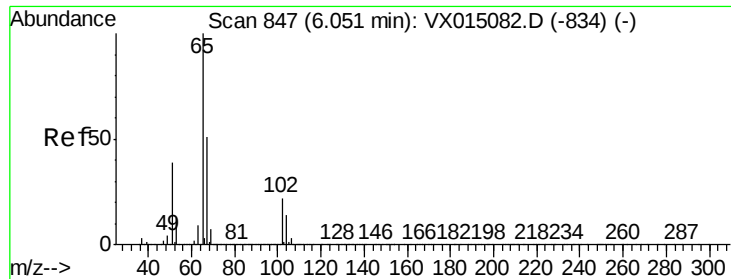


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 48.347 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX015255.D

Acq: 13 Mar 2020 13:27

Instrument :

MSVOA_X

ClientSampleId :

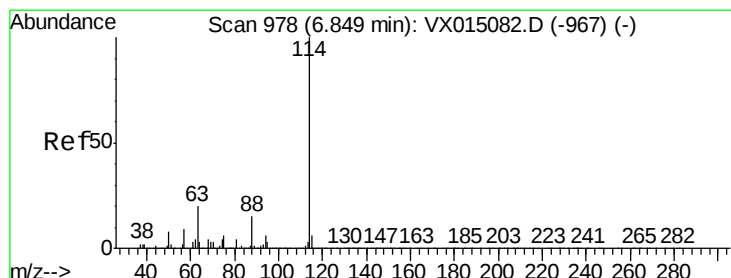
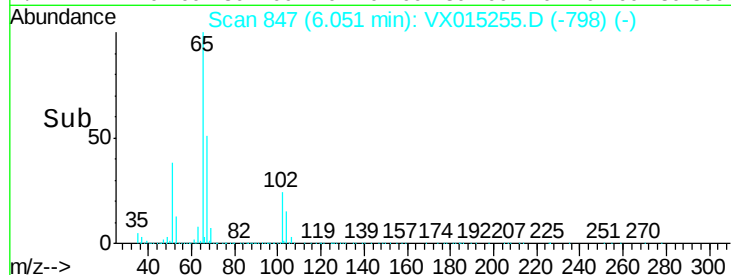
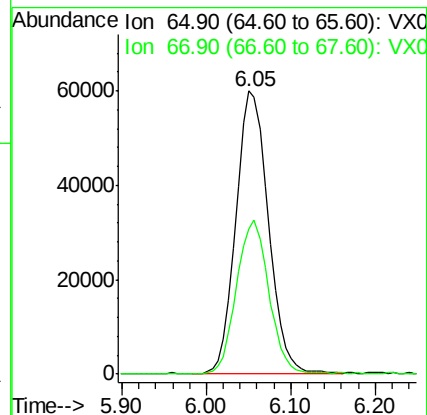
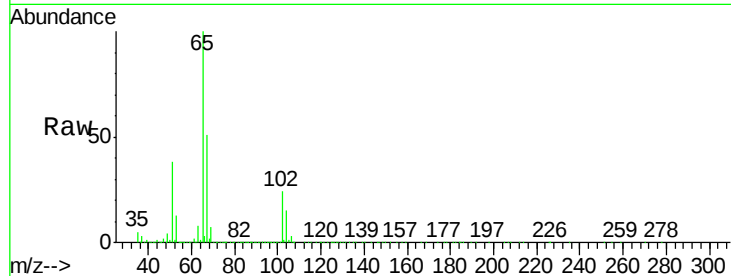
RE120D3-20200309

Tot Ion: 65 Resp: 157111

Ion Ratio Lower Upper

65 100

67 54.2 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: VX015255.D

Acq: 13 Mar 2020 13:27

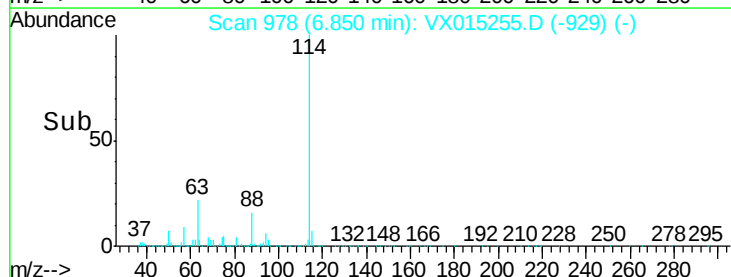
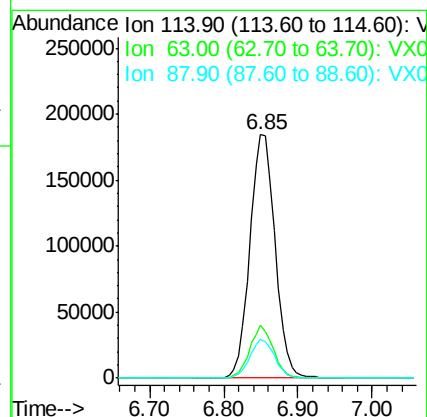
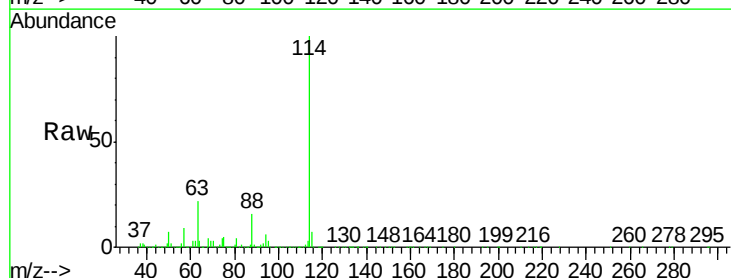
Tgt Ion: 114 Resp: 439084

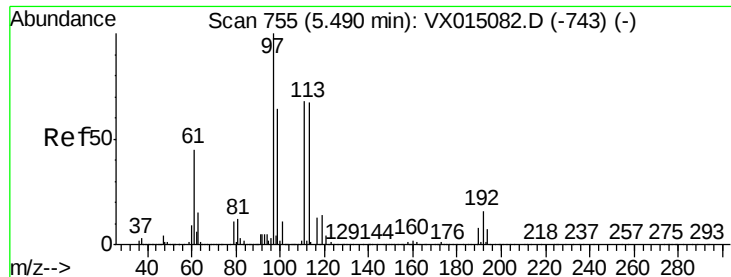
Ion Ratio Lower Upper

114 100

63 21.8 0.0 40.0

88 15.6 0.0 30.6





#35

Dibromofluoromethane

Concen: 48.329 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX015255.D

Acq: 13 Mar 2020 13:27

Instrument :

MSVOA_X

ClientSampleId :

RE120D3-20200309

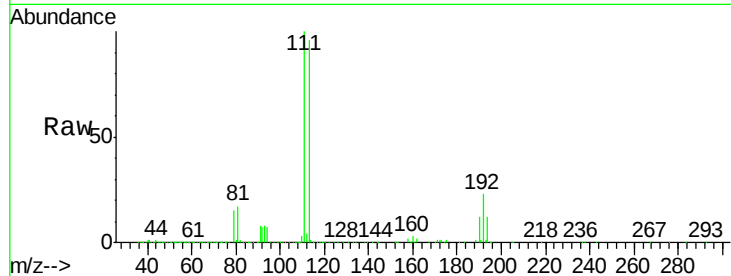
Tot Ion:113 Resp: 133874

Ion Ratio Lower Upper

113 100

111 101.8 82.6 123.8

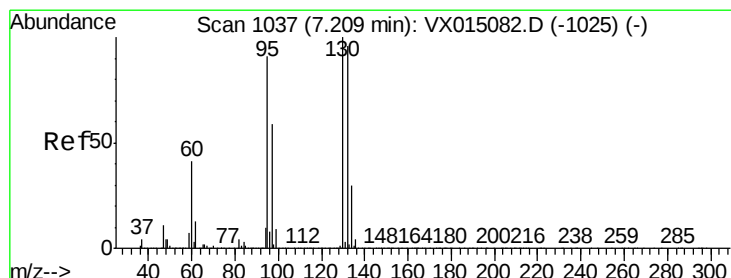
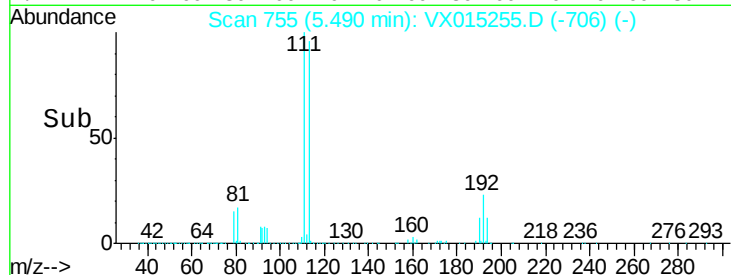
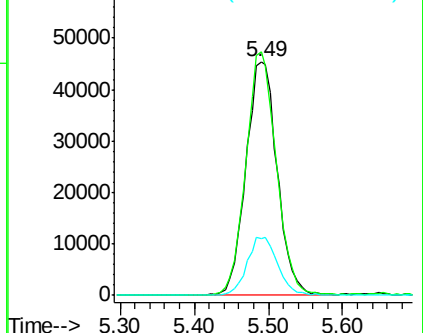
192 24.4 18.6 28.0



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: 173.311 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VX015255.D

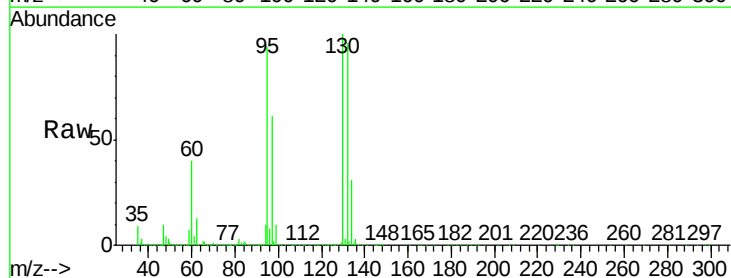
Acq: 13 Mar 2020 13:27

Tgt Ion:130 Resp: 581264

Ion Ratio Lower Upper

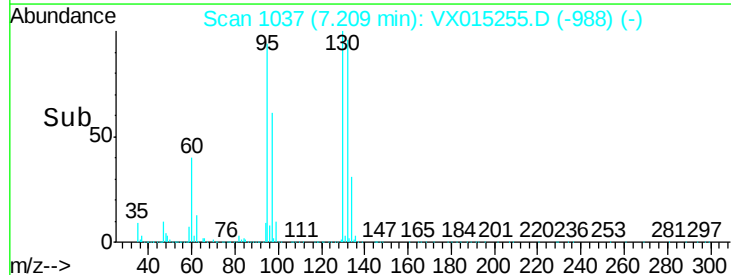
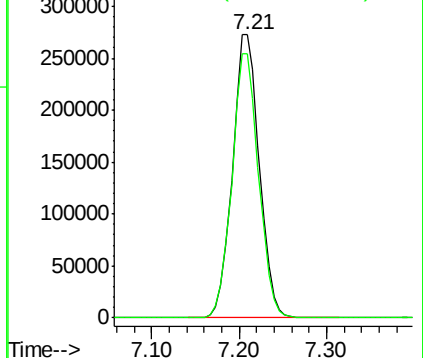
130 100

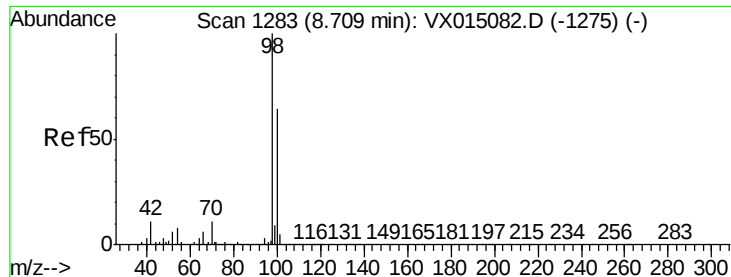
95 93.5 0.0 181.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): V





#50

Toluene-d8

Concen: 50.964 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX015255.D

Acq: 13 Mar 2020 13:27

Instrument :

MSVOA_X

ClientSampleId :

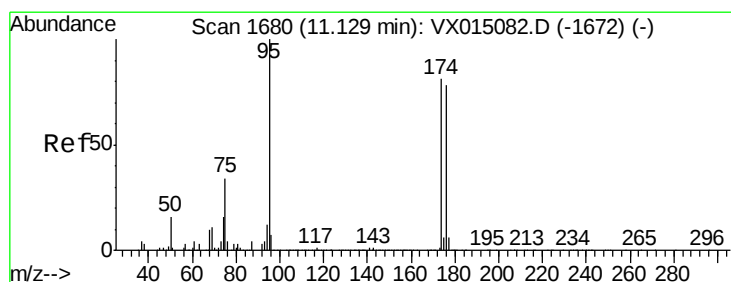
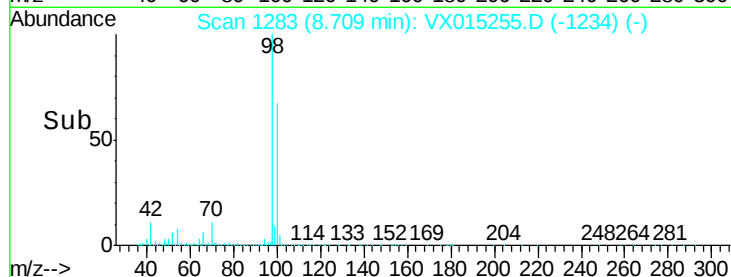
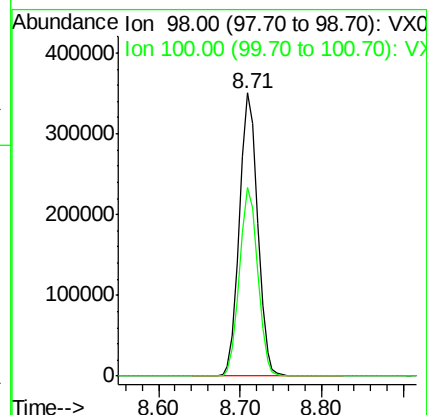
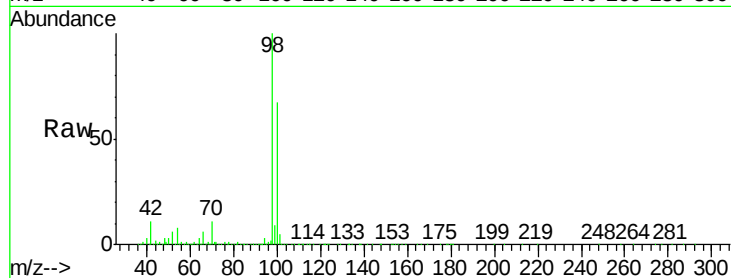
RE120D3-20200309

Tot Ion: 98 Resp: 537001

Ion Ratio Lower Upper

98 100

100 66.5 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 52.787 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX015255.D

Acq: 13 Mar 2020 13:27

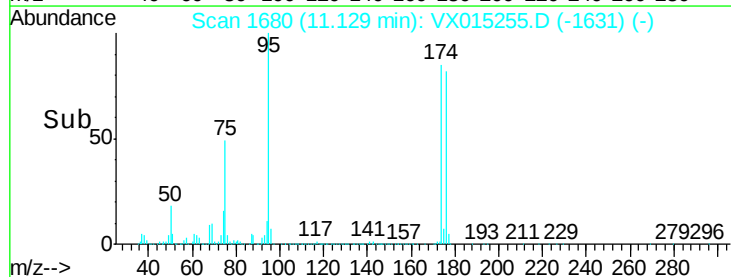
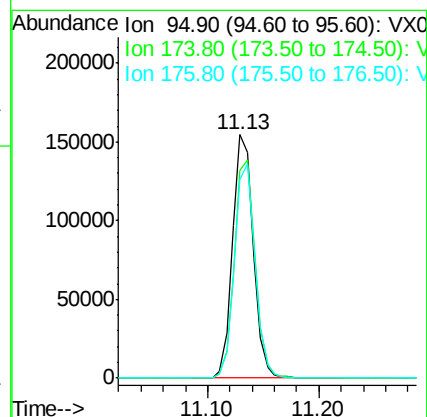
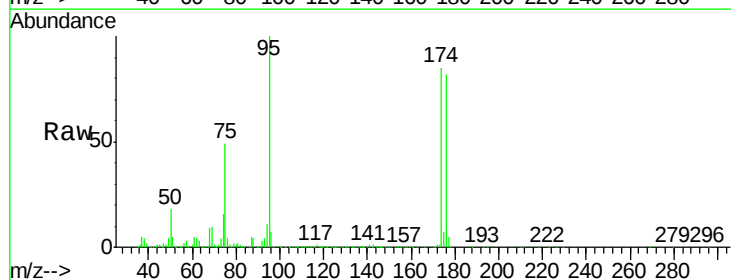
Tgt Ion: 95 Resp: 198394

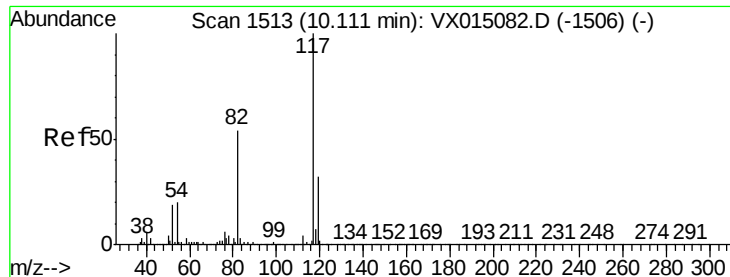
Ion Ratio Lower Upper

95 100

174 90.2 0.0 177.6

176 87.7 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: VX015255.D

Acq: 13 Mar 2020 13:27

Instrument :

MSVOA_X

ClientSampleId :

RE120D3-20200309

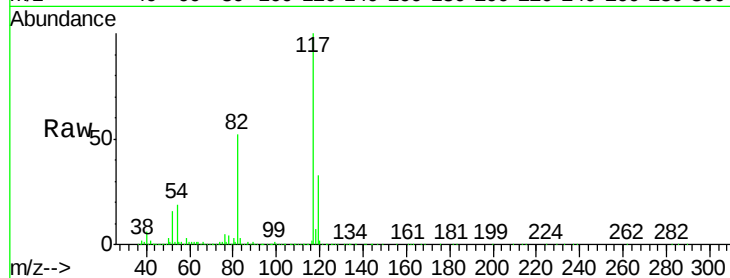
Tot Ion:117 Resp: 422677

Ion Ratio Lower Upper

117 100

82 51.8 43.3 64.9

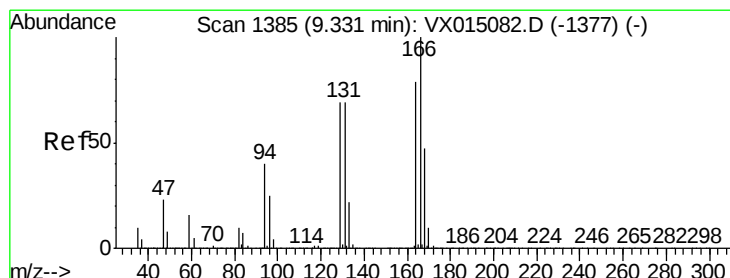
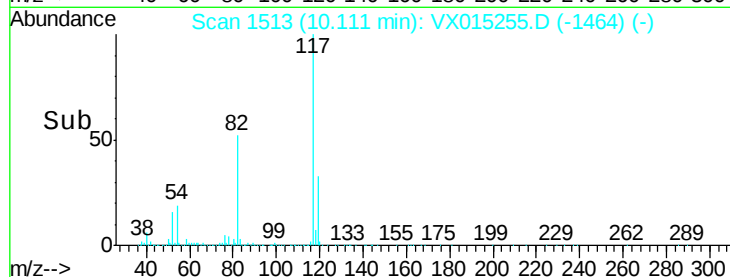
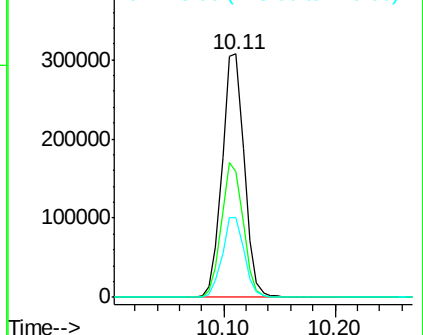
119 32.6 25.8 38.8



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 0.920 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX015255.D

Acq: 13 Mar 2020 13:27

Tgt Ion:164 Resp: 3214

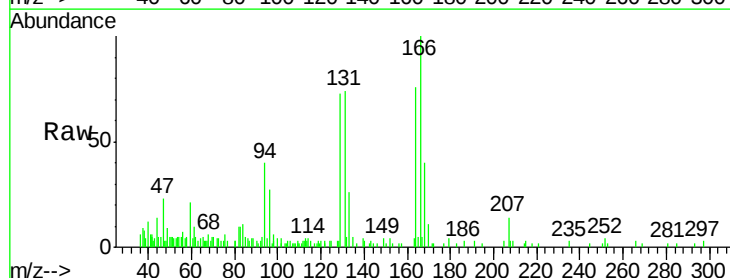
Ion Ratio Lower Upper

164 100

166 131.9 101.1 151.7

129 96.3 69.4 104.0

131 97.1 69.8 104.8

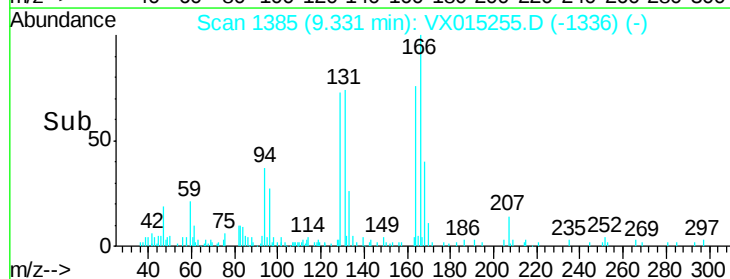
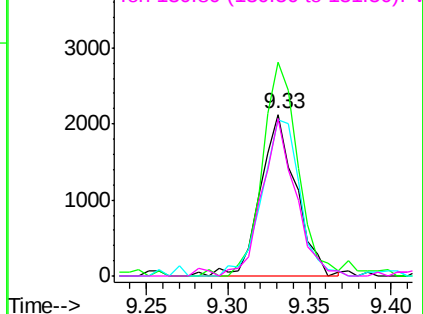


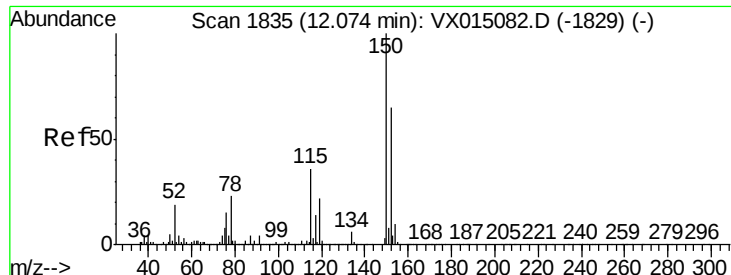
Abundance Ion 163.80 (163.50 to 164.50): V

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: VX015255.D

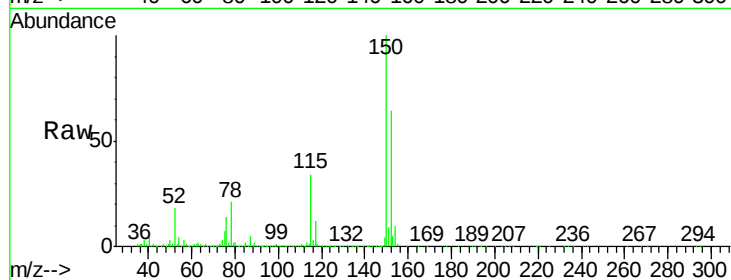
Acq: 13 Mar 2020 13:27

Instrument :

MSVOA_X

ClientSampleId :

RE120D3-20200309



Tot Ion:152 Resp: 215182

Ion Ratio Lower Upper

152 100

115 55.2 38.2 114.6

150 159.3 0.0 343.8

