

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031320\
 Data File : VX015264.D
 Acq On : 13 Mar 2020 16:51
 Operator : JC/SP
 Sample : L1903-20
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE103D3-20200310

Quant Time: Mar 16 09:28:27 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

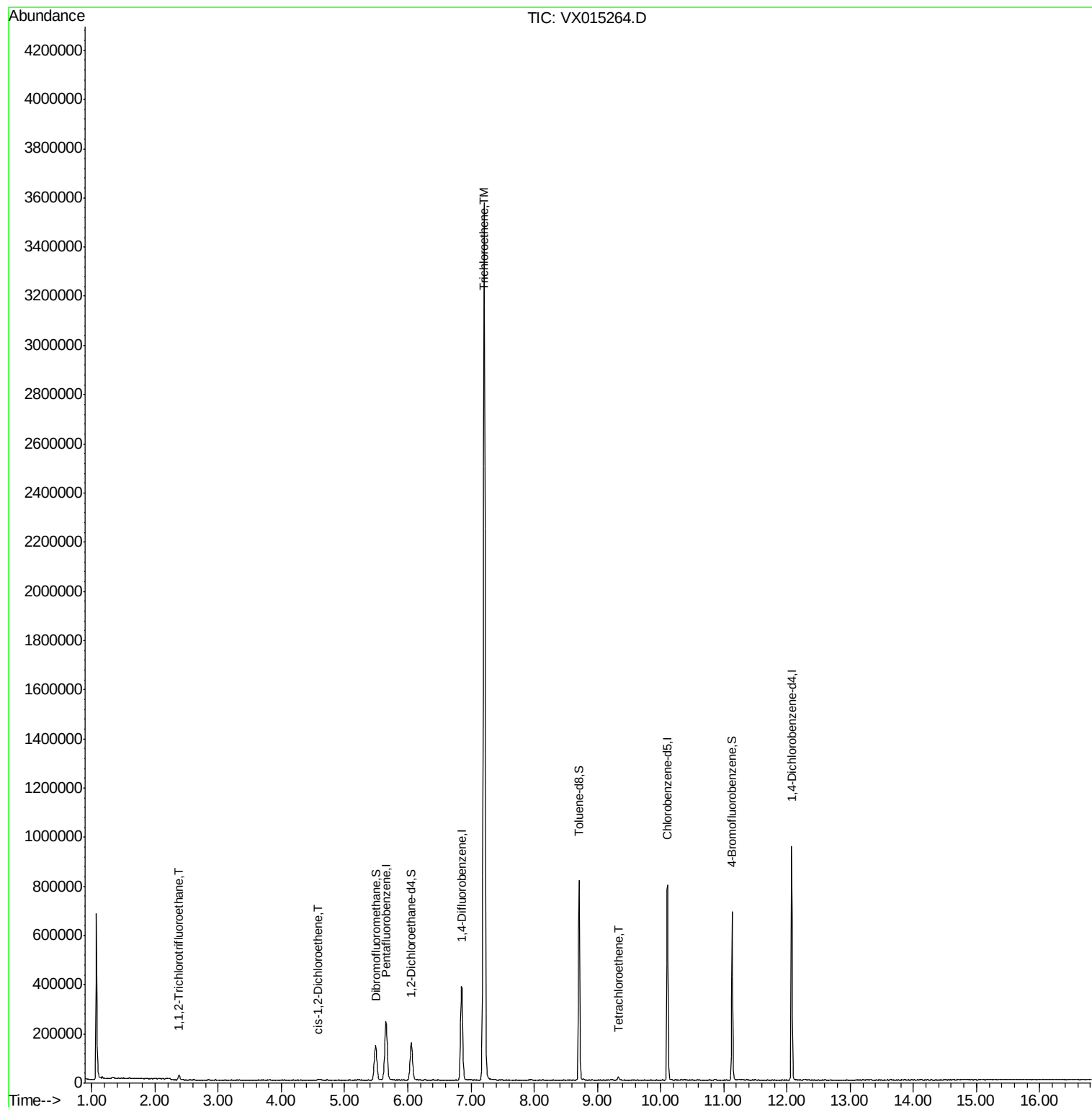
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	247143	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	392057	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	385352	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	200746	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	143198	48.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.68%	
35) Dibromofluoromethane	5.49	113	120774	48.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.66%	
50) Toluene-d8	8.71	98	485346	51.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.18%	
62) 4-Bromofluorobenzene	11.13	95	179500	53.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.98%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	2.38	101	8074	3.470	ug/l	97
27) cis-1,2-Dichloroethene	4.58	96	2461	0.855	ug/l	79
44) Trichloroethene	7.21	130	1398573	467.020	ug/l	99
64) Tetrachloroethene	9.33	164	2739	0.860	ug/l #	84

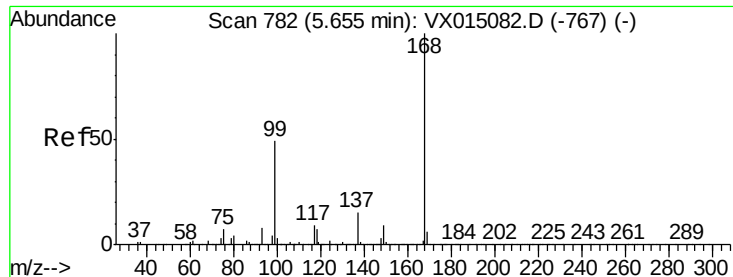
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX015264.D

Acq: 13 Mar 2020 16:51

Instrument :

MSVOA_X

ClientSampleId :

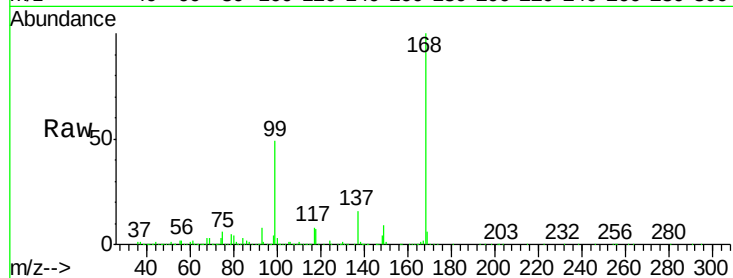
RE103D3-20200310

Tot Ion:168 Resp: 247143

Ion Ratio Lower Upper

168 100

99 48.5 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

80000

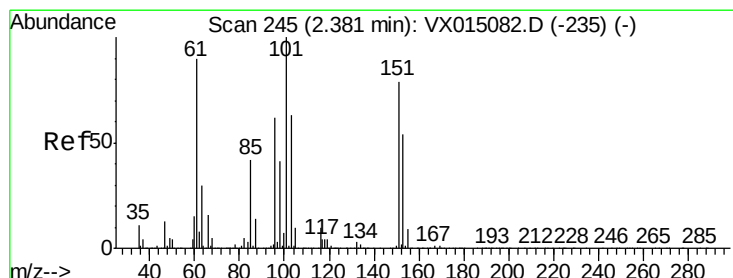
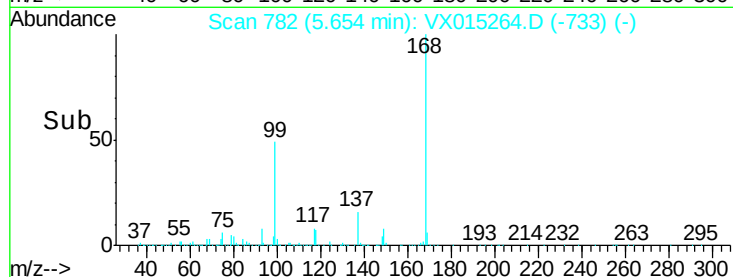
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#9

1,1,2-Trichlorotrifluoroethane

Concen: 3.470 ug/l

RT: 2.38 min Scan# 245

Delta R.T. -0.00 min

Lab File: VX015264.D

Acq: 13 Mar 2020 16:51

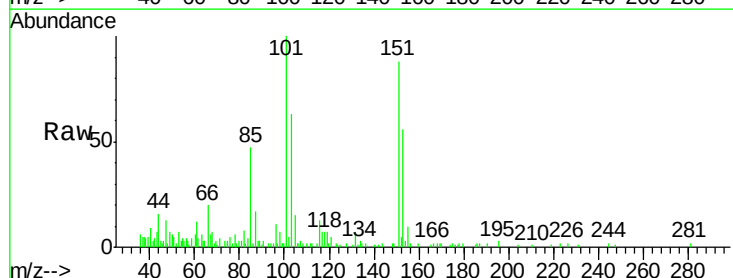
Tgt Ion:101 Resp: 8074

Ion Ratio Lower Upper

101 100

85 46.5 33.7 50.5

151 81.5 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

5000

4000

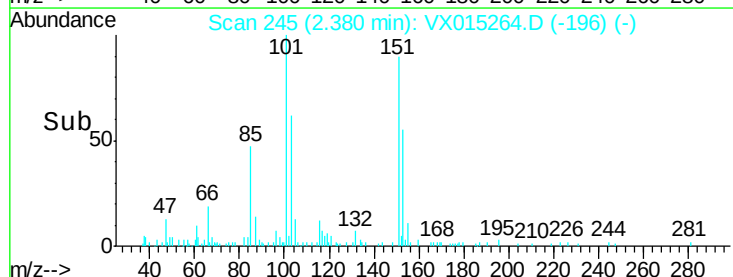
3000

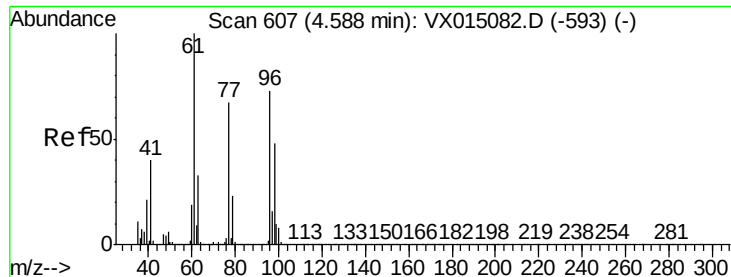
2000

1000

0

Time--> 2.30 2.35 2.40 2.45



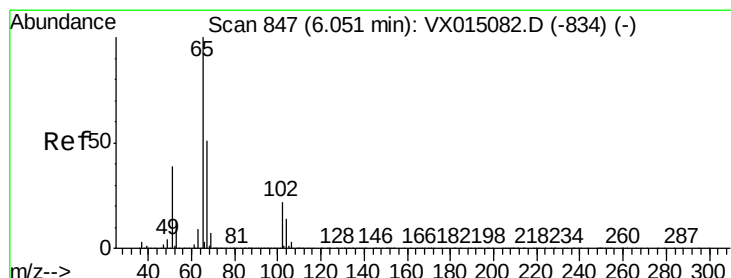
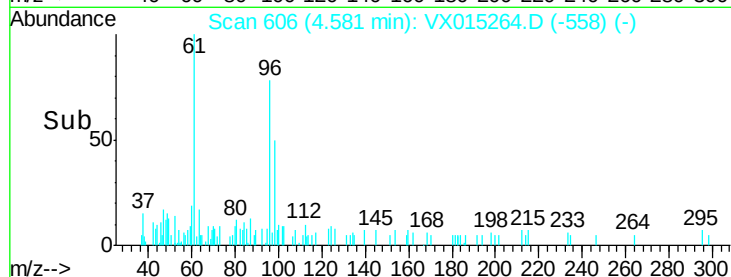
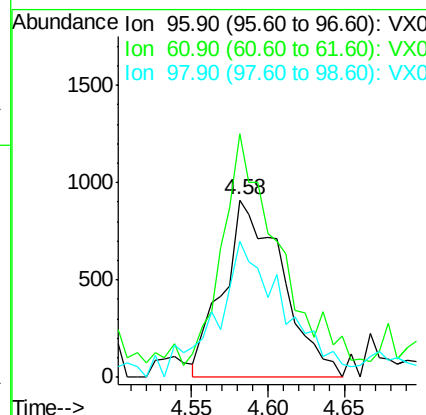
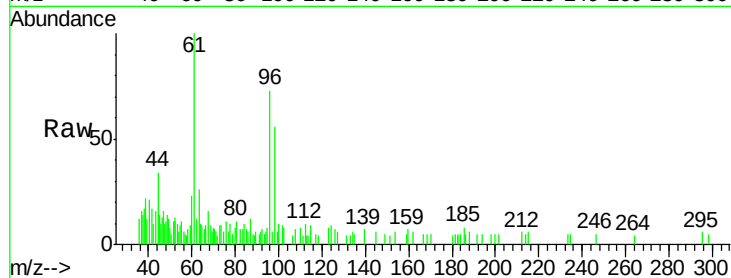


#27

cis-1,2-Dichloroethene
Concen: 0.855 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX015264.D
Acq: 13 Mar 2020 16:51

Instrument :
MSVOA_X
ClientSampleId :
RE103D3-20200310

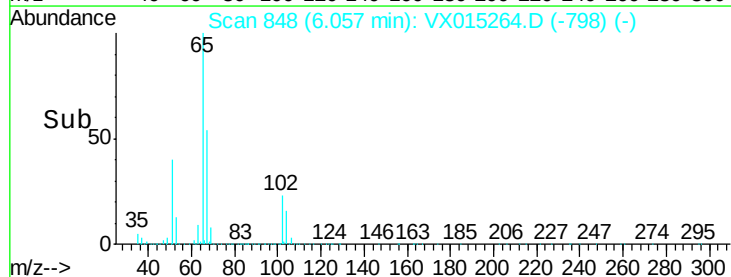
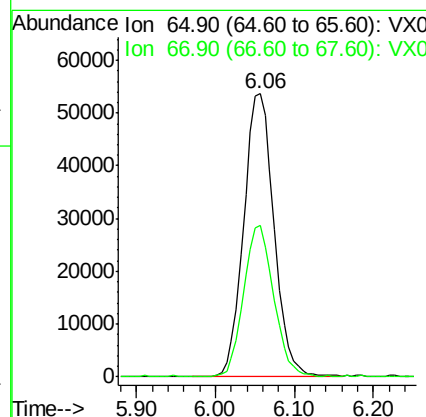
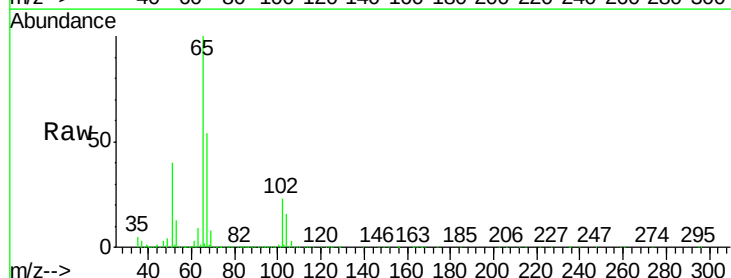
Tot Ion	Ratio	Lower	Upper
96	100		
61	122.7	0.0	286.8
98	89.3	0.0	128.4

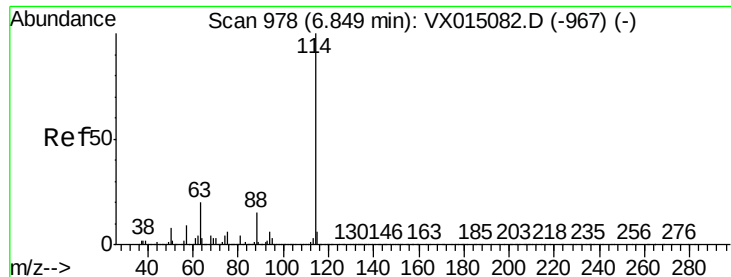


#33

1,2-Dichloroethane-d4
Concen: 48.839 ug/l
RT: 6.06 min Scan# 848
Delta R.T. 0.01 min
Lab File: VX015264.D
Acq: 13 Mar 2020 16:51

Tgt Ion	Ratio	Lower	Upper
65	100		
67	53.2	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: VX015264.D

Acq: 13 Mar 2020 16:51

Instrument :

MSVOA_X

ClientSampleId :

RE103D3-20200310

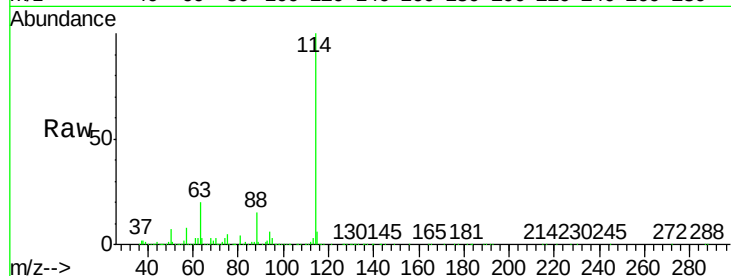
Tot Ion:114 Resp: 392057

Ion Ratio Lower Upper

114 100

63 19.7 0.0 40.0

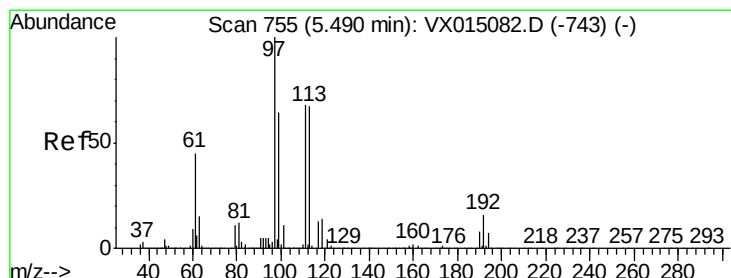
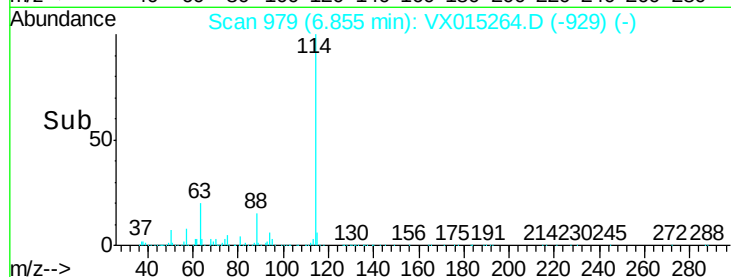
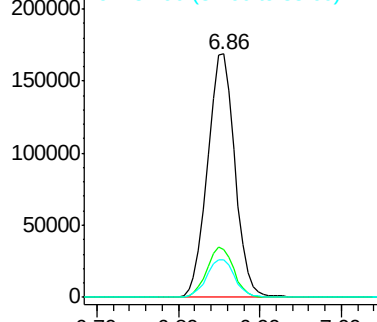
88 15.4 0.0 30.6



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



#35

Dibromofluoromethane

Concen: 48.830 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX015264.D

Acq: 13 Mar 2020 16:51

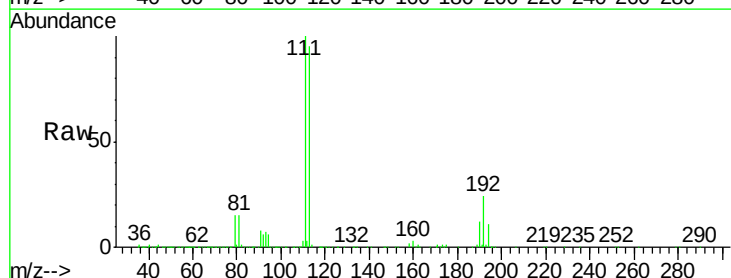
Tgt Ion:113 Resp: 120774

Ion Ratio Lower Upper

113 100

111 103.0 82.6 123.8

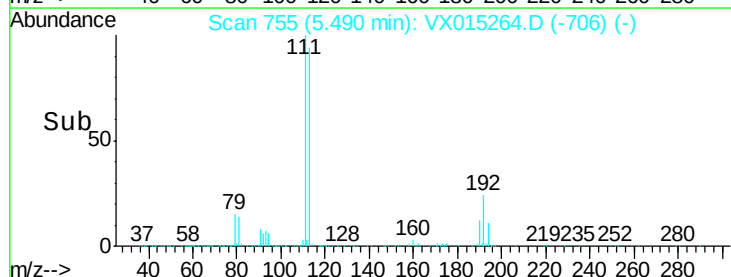
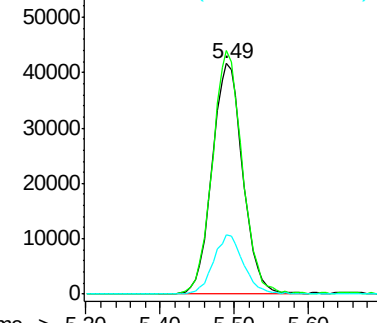
192 25.2 18.6 28.0

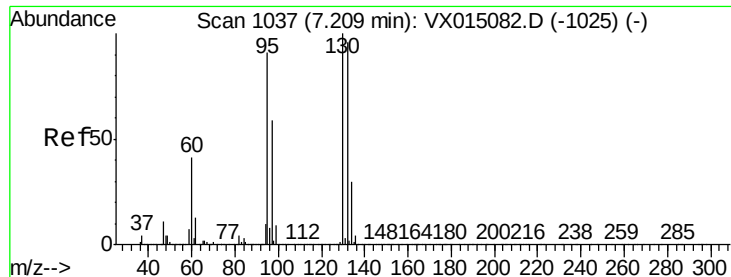


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 467.020 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. -0.00 min

Lab File: VX015264.D

Acq: 13 Mar 2020 16:51

Instrument :

MSVOA_X

ClientSampleId :

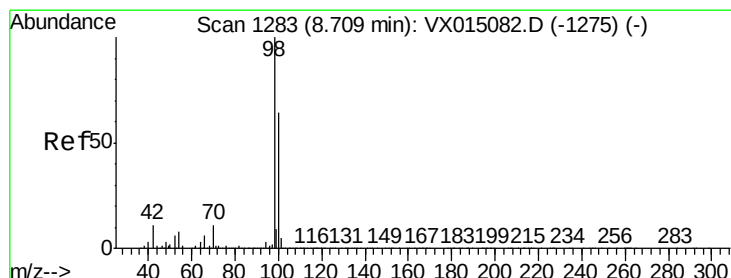
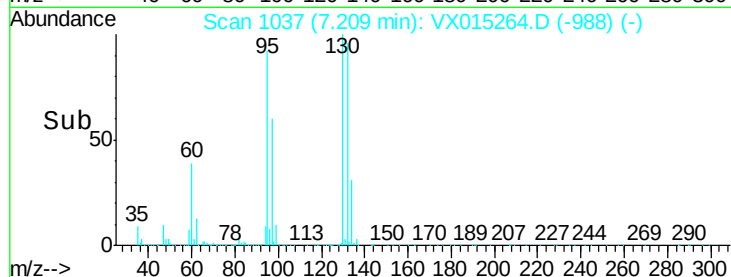
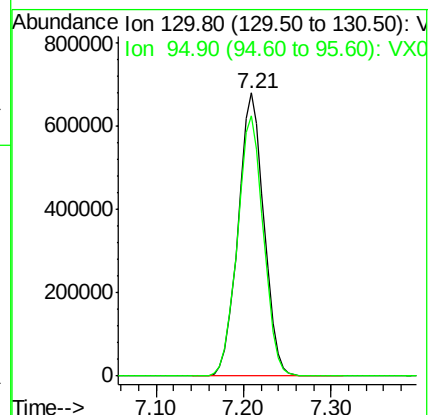
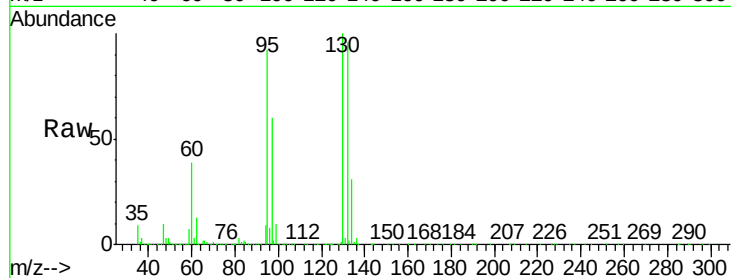
RE103D3-20200310

Tot Ion:130 Resp: 1398573

Ion Ratio Lower Upper

130 100

95 91.8 0.0 181.2



#50

Toluene-d8

Concen: 51.587 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX015264.D

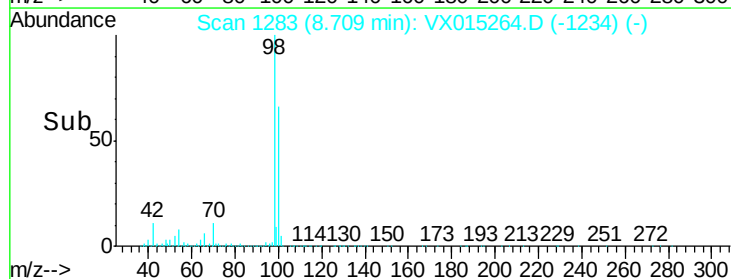
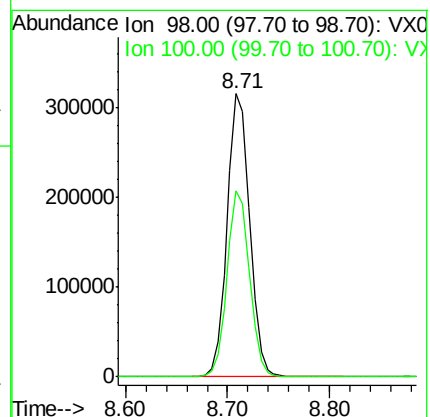
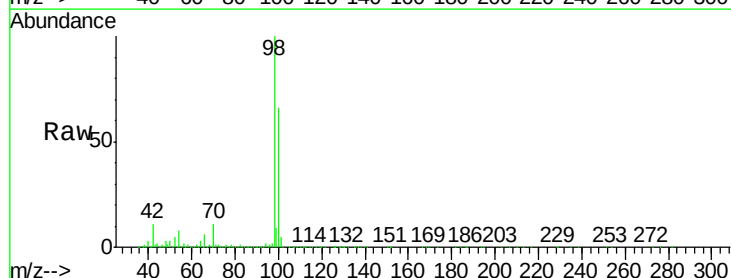
Acq: 13 Mar 2020 16:51

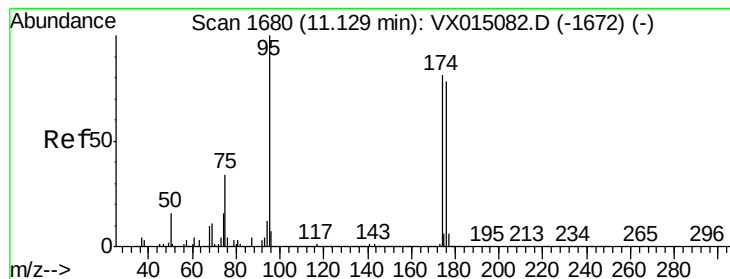
Tgt Ion: 98 Resp: 485346

Ion Ratio Lower Upper

98 100

100 65.4 52.4 78.6





#62

4-Bromofluorobenzene

Concen: 53.489 ug/l

RT: 11.13 min Scan# 1681

Delta R.T. 0.01 min

Lab File: VX015264.D

Acq: 13 Mar 2020 16:51

Instrument :

MSVOA_X

ClientSampleId :

RE103D3-20200310

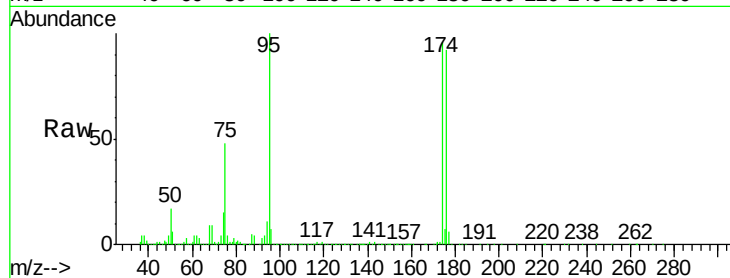
Tot Ion: 95 Resp: 179500

Ion Ratio Lower Upper

95 100

174 91.3 0.0 177.6

176 88.4 0.0 170.2

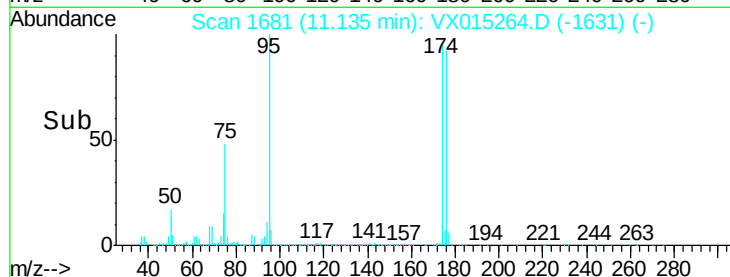


Abundance Ion 94.90 (94.60 to 95.60): VX015082.D (-1672) (-)

Ion 173.80 (173.50 to 174.50): VX015082.D (-1672) (-)

Ion 175.80 (175.50 to 176.50): VX015082.D (-1672) (-)

Time-->

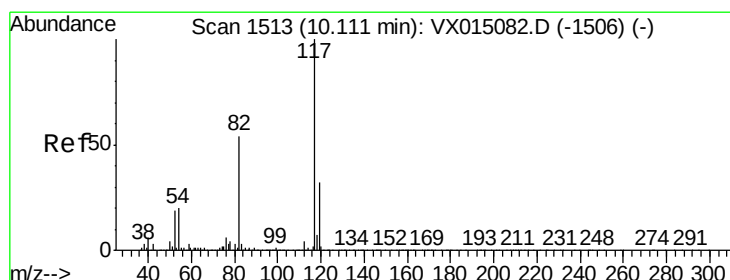


Abundance Ion 94.90 (94.60 to 95.60): VX015264.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX015264.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX015264.D (-1631) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VX015264.D

Acq: 13 Mar 2020 16:51

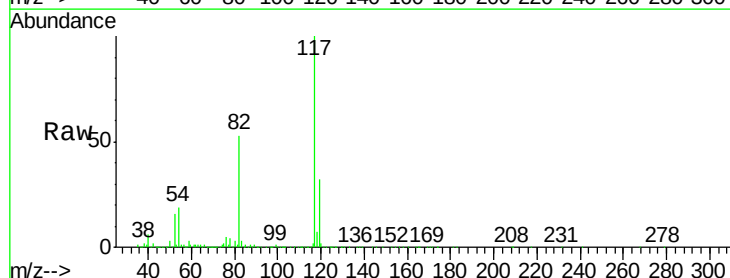
Tgt Ion: 117 Resp: 385352

Ion Ratio Lower Upper

117 100

82 53.4 43.3 64.9

119 32.3 25.8 38.8

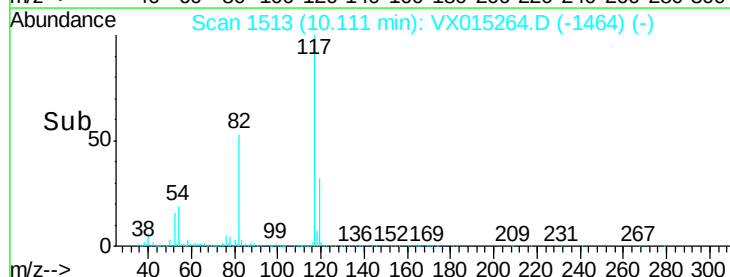


Abundance Ion 116.90 (116.60 to 117.60): VX015082.D (-1506) (-)

Ion 82.00 (81.70 to 82.70): VX015082.D (-1506) (-)

Ion 118.90 (118.60 to 119.60): VX015082.D (-1506) (-)

Time-->

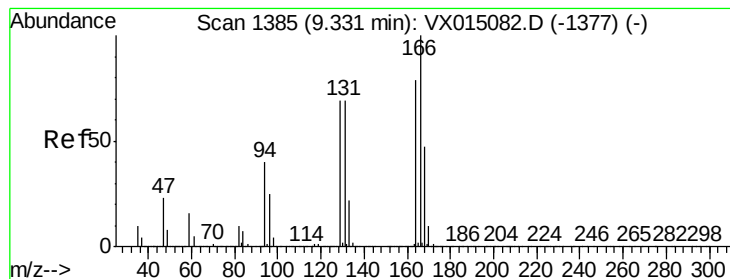


Abundance Ion 116.90 (116.60 to 117.60): VX015264.D (-1464) (-)

Ion 82.00 (81.70 to 82.70): VX015264.D (-1464) (-)

Ion 118.90 (118.60 to 119.60): VX015264.D (-1464) (-)

Time-->



#64

Tetrachloroethene

Concen: 0.860 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VX015264.D

Acq: 13 Mar 2020 16:51

Instrument :

MSVOA_X

ClientSampleId :

RE103D3-20200310

Tot Ion:164 Resp: 2739

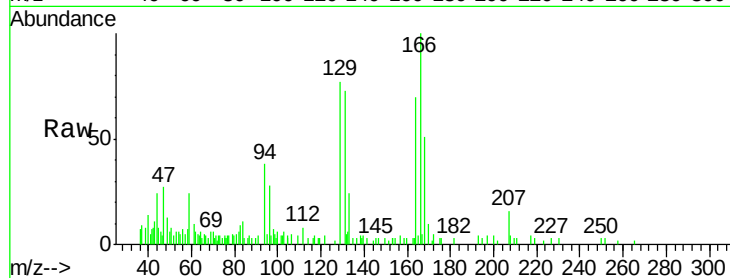
Ion Ratio Lower Upper

164 100

166 139.1 101.1 151.7

129 110.3 69.4 104.0#

131 99.5 69.8 104.8

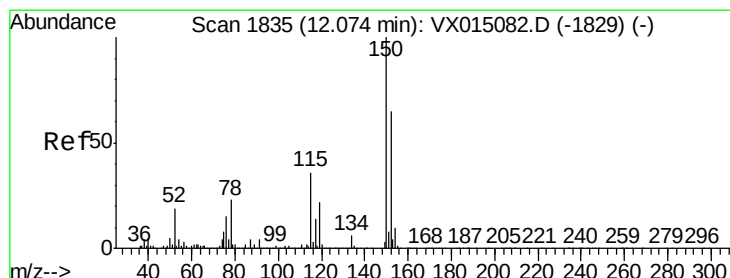
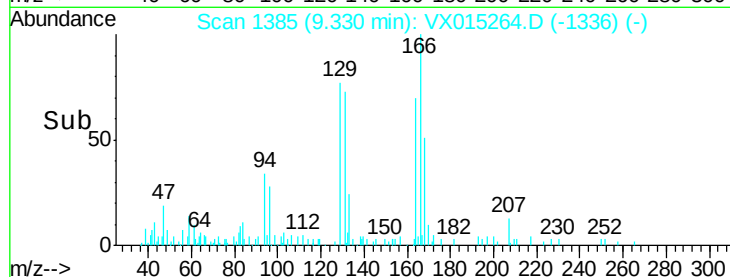
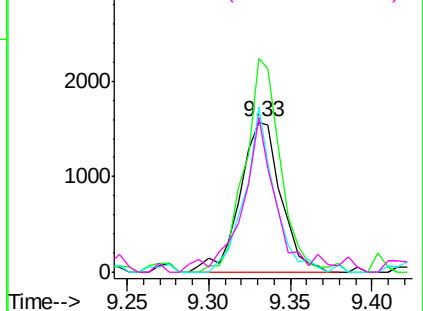


Abundance Ion 163.80 (163.50 to 164.50): V

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: VX015264.D

Acq: 13 Mar 2020 16:51

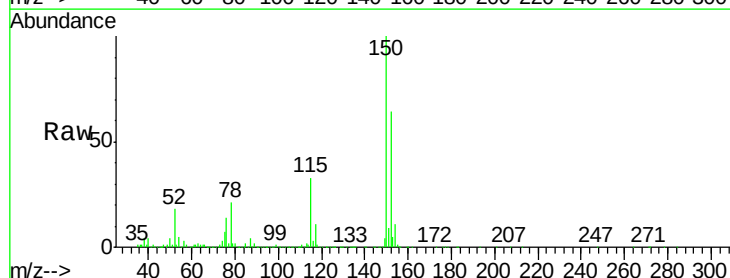
Tgt Ion:152 Resp: 200746

Ion Ratio Lower Upper

152 100

115 54.0 38.2 114.6

150 156.2 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

