

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031620\
 Data File : VX015300.D
 Acq On : 16 Mar 2020 17:28
 Operator : JC/SP
 Sample : L1903-21
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE103D1-20200310

Quant Time: Mar 17 08:39:26 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

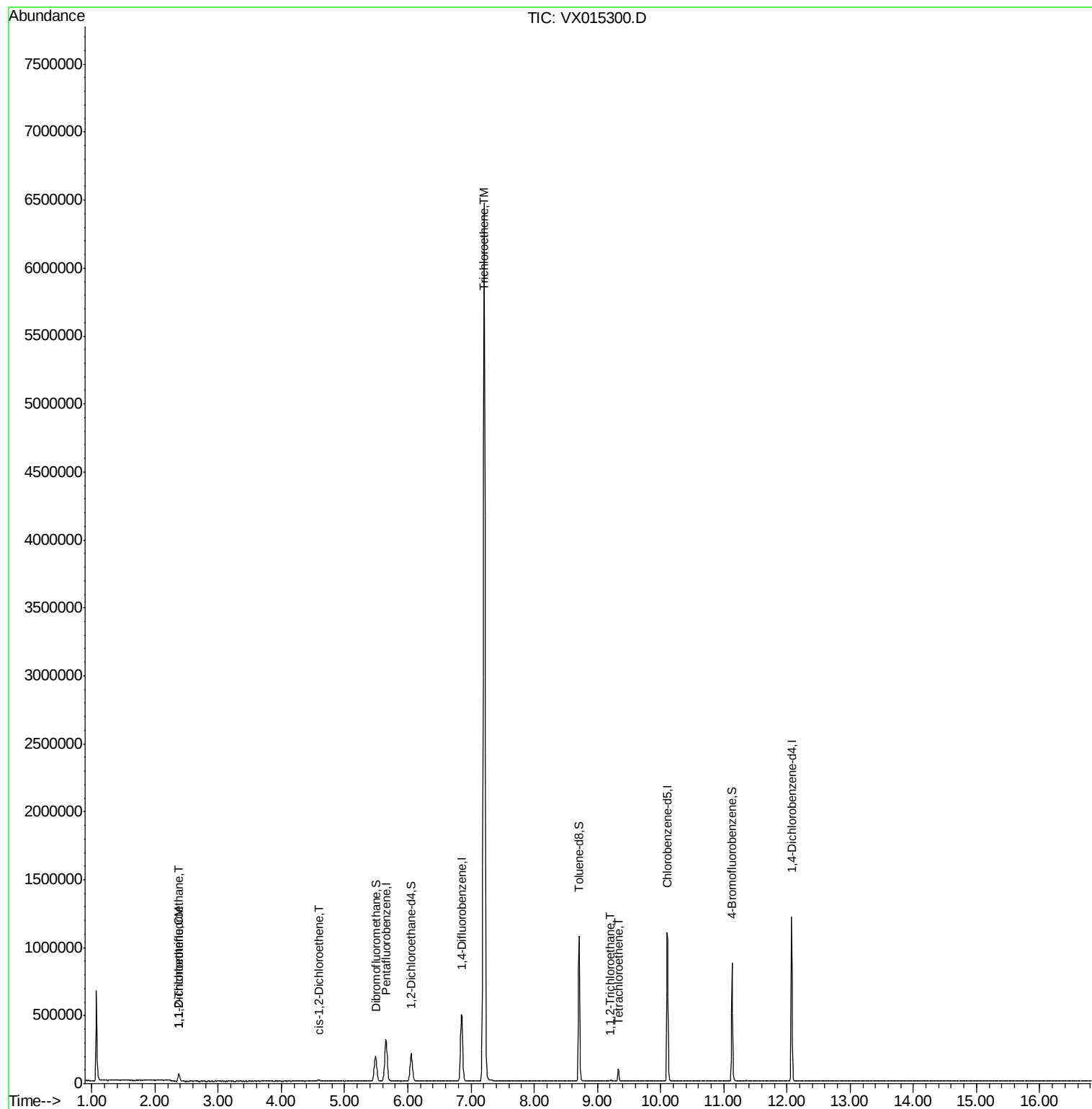
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	313213	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	514518	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	509509	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	256243	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	182329	49.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.14%	
35) Dibromofluoromethane	5.49	113	157650	48.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.14%	
50) Toluene-d8	8.71	98	628264	50.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.76%	
62) 4-Bromofluorobenzene	11.13	95	234684	53.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.58%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	2.38	101	17296	5.865	ug/l	94
12) 1,1-Dichloroethene	2.37	96	10558	3.469	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	7271	1.994	ug/l	87
44) Trichloroethene	7.21	130	2545856	647.788	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	1946	0.548	ug/l #	83
64) Tetrachloroethene	9.33	164	18004	4.274	ug/l	96

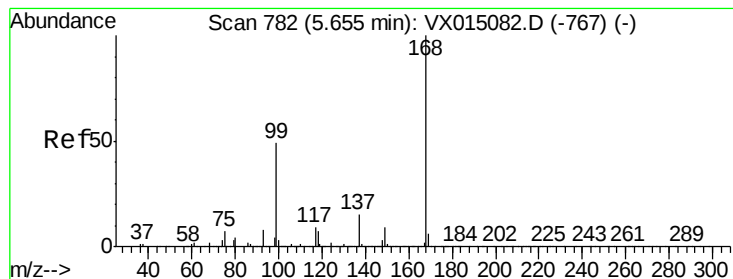
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Mar 17 08:39:26 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: VX015300.D

Acq: 16 Mar 2020 17:28

Instrument :

MSVOA_X

ClientSampleId :

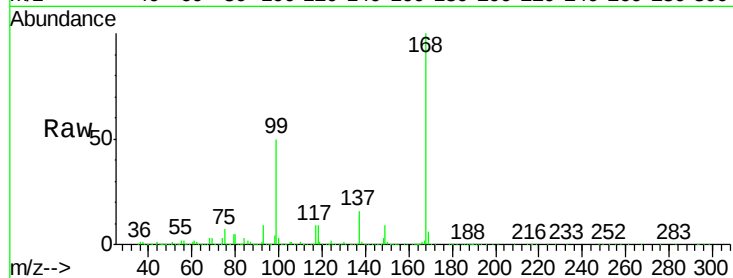
RE103D1-20200310

Tot Ion:168 Resp: 313213

Ion Ratio Lower Upper

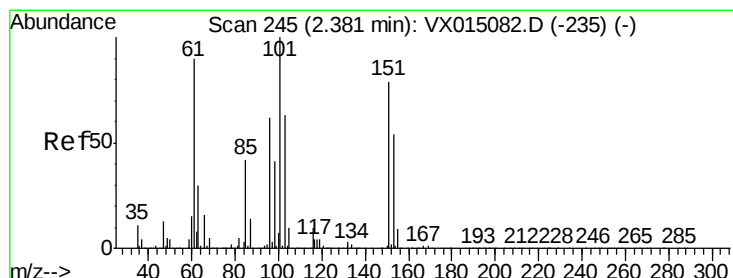
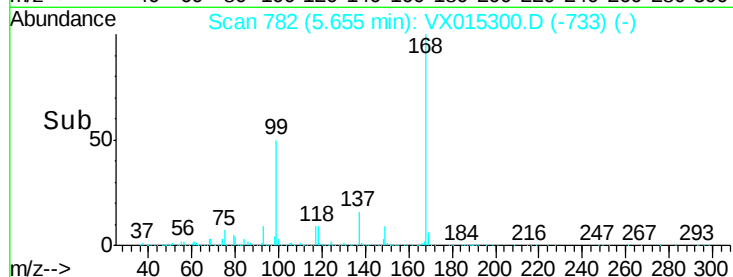
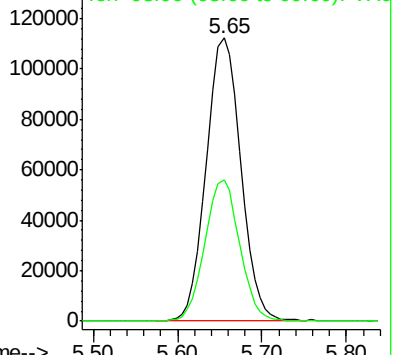
168 100

99 49.7 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.865 ug/l

RT: 2.38 min Scan# 245

Delta R.T. 0.00 min

Lab File: VX015300.D

Acq: 16 Mar 2020 17:28

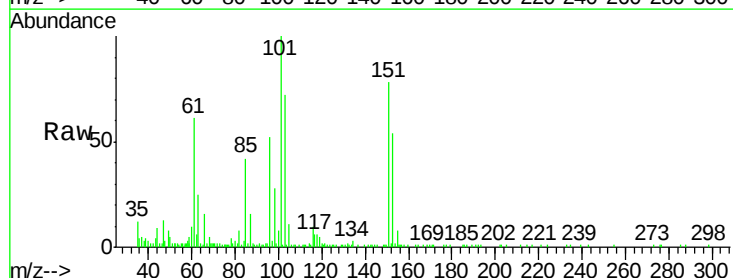
Tgt Ion:101 Resp: 17296

Ion Ratio Lower Upper

101 100

85 37.9 33.7 50.5

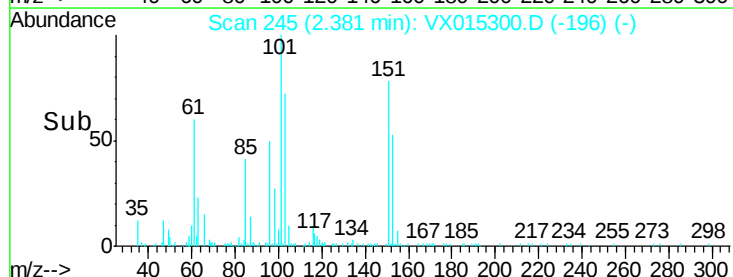
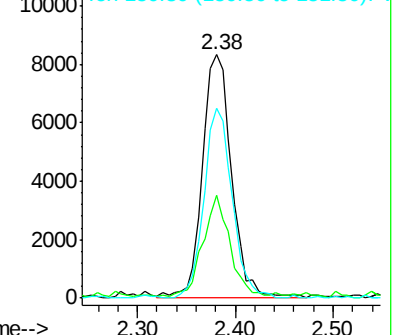
151 75.4 64.0 96.0

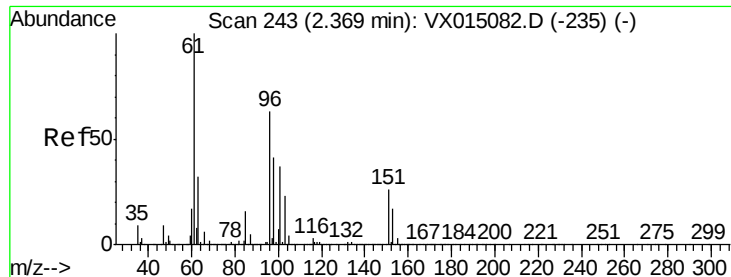


Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V





#12

1,1-Dichloroethene

Concen: 3.469 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX015300.D

Acq: 16 Mar 2020 17:28

Instrument :

MSVOA_X

ClientSampleId :

RE103D1-20200310

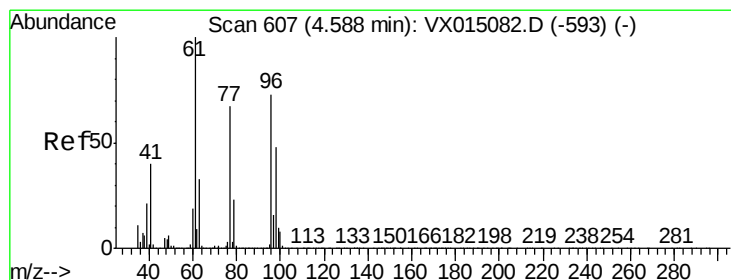
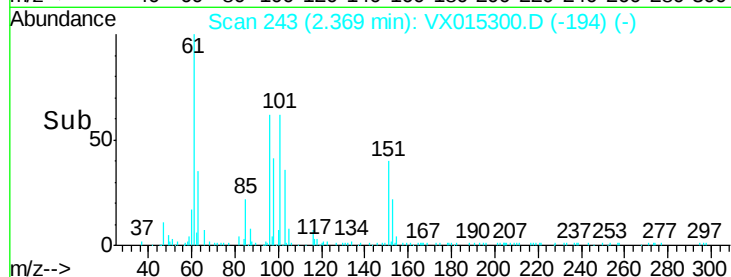
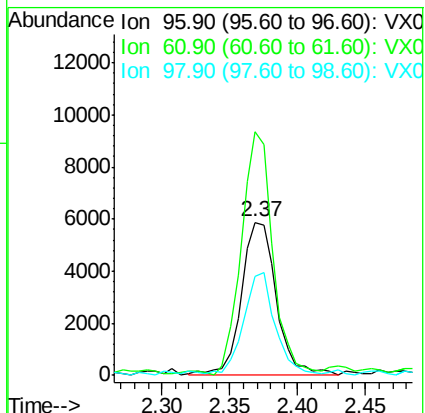
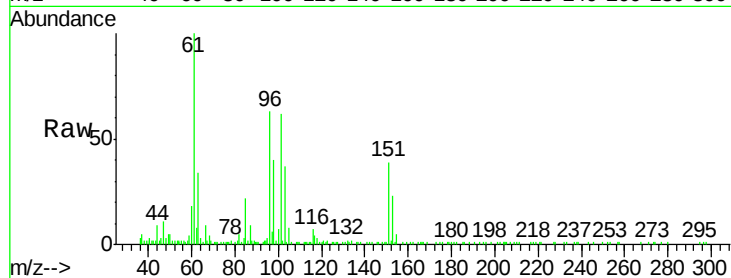
Tot Ion: 96 Resp: 10558

Ion Ratio Lower Upper

96 100

61 158.7 126.2 189.4

98 63.0 51.4 77.0



#27

cis-1,2-Dichloroethene

Concen: 1.994 ug/l

RT: 4.59 min Scan# 608

Delta R.T. 0.01 min

Lab File: VX015300.D

Acq: 16 Mar 2020 17:28

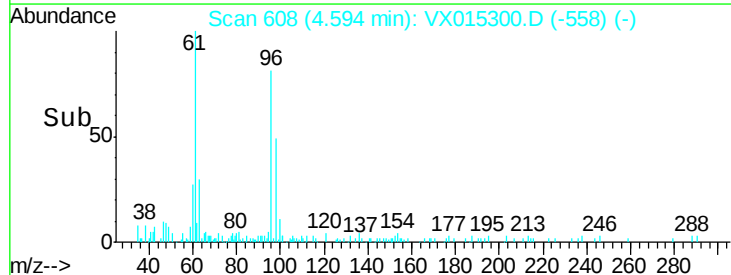
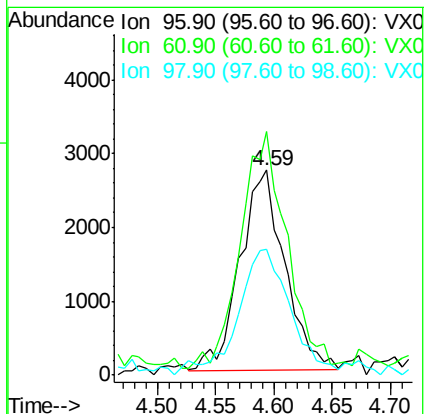
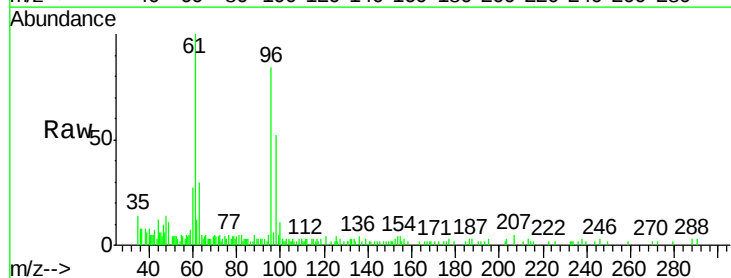
Tgt Ion: 96 Resp: 7271

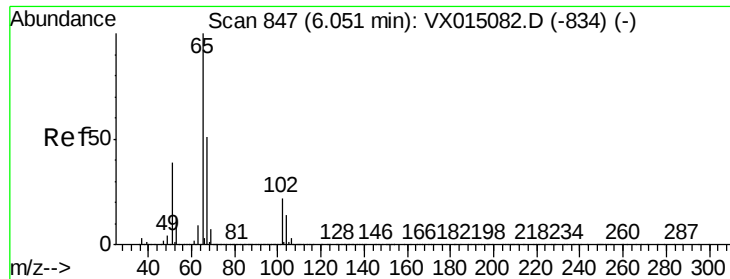
Ion Ratio Lower Upper

96 100

61 121.1 0.0 286.8

98 64.0 0.0 128.4

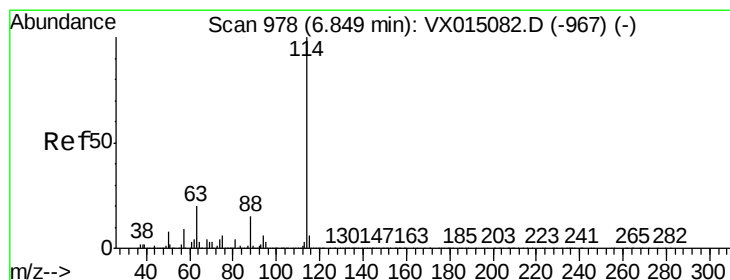
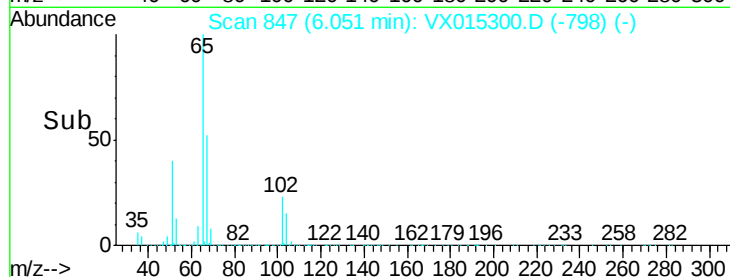
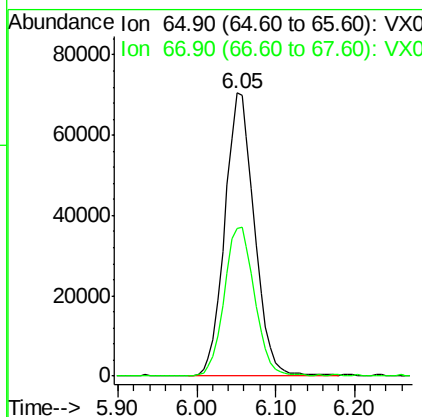
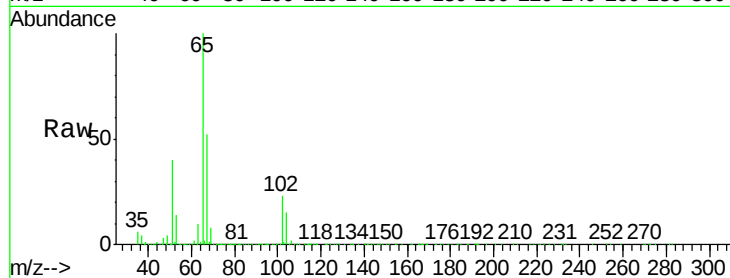




#33
 1,2-Dichloroethane-d4
 Concen: 49.068 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX015300.D
 Acq: 16 Mar 2020 17:28

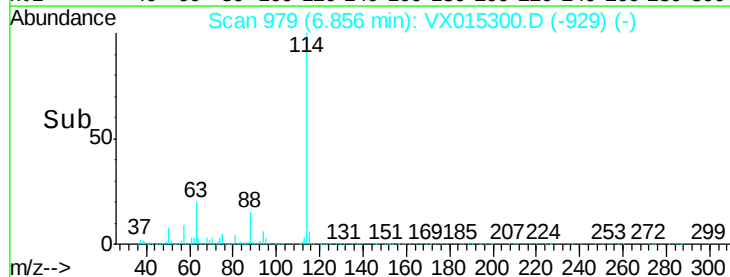
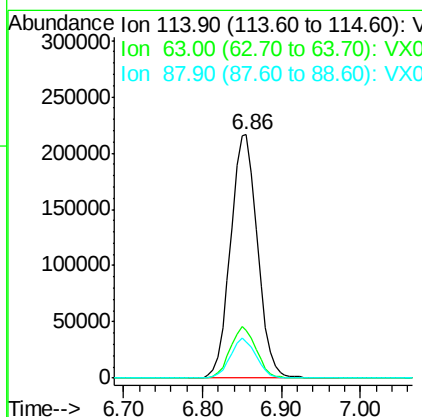
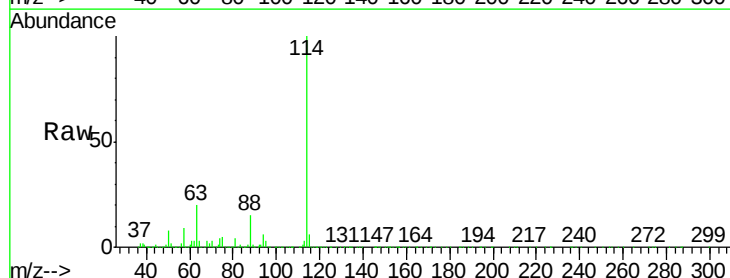
Instrument :
 MSVOA_X
 ClientSampleId :
 RE103D1-20200310

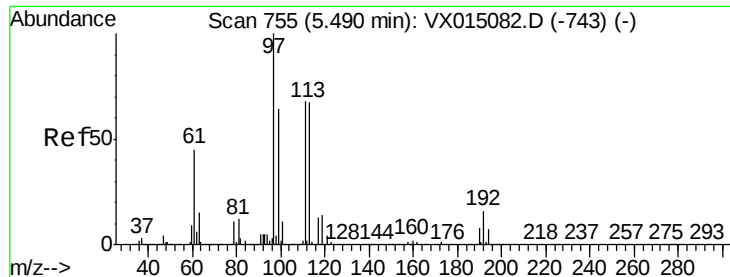
Tot Ion: 65 Resp: 182329
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 979
 Delta R.T. 0.01 min
 Lab File: VX015300.D
 Acq: 16 Mar 2020 17:28

Tgt Ion: 114 Resp: 514518
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 40.0
 88 14.7 0.0 30.6

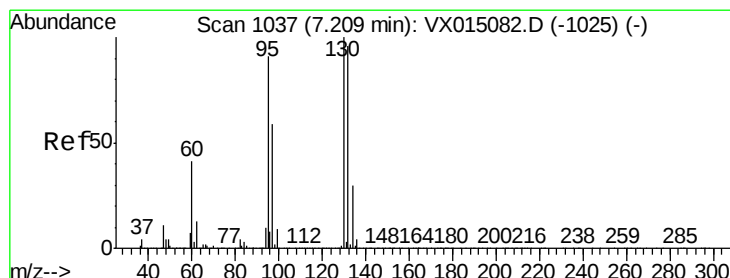
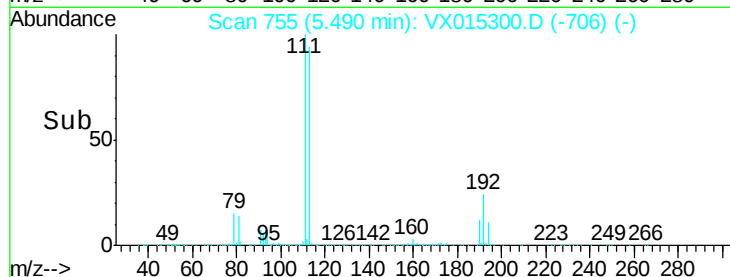
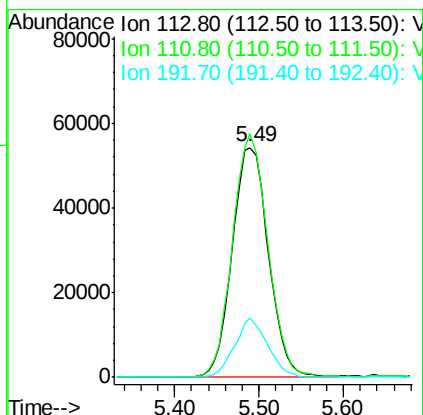
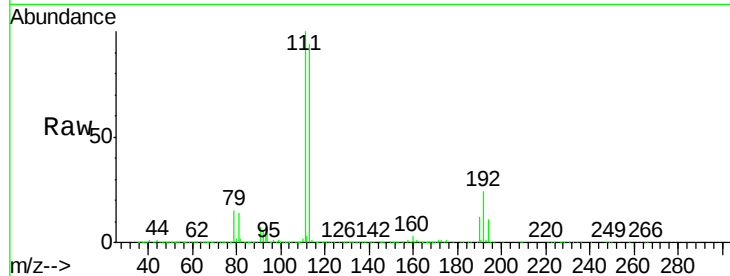




#35
Dibromofluoromethane
Concen: 48.568 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX015300.D
Acq: 16 Mar 2020 17:28

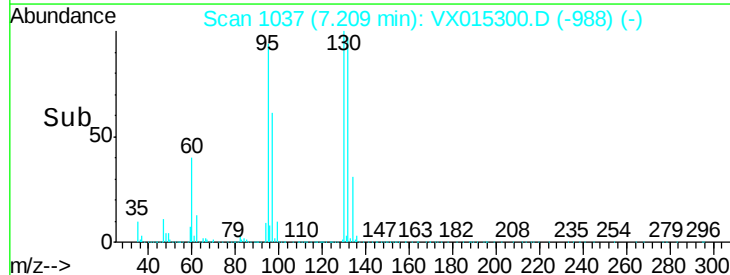
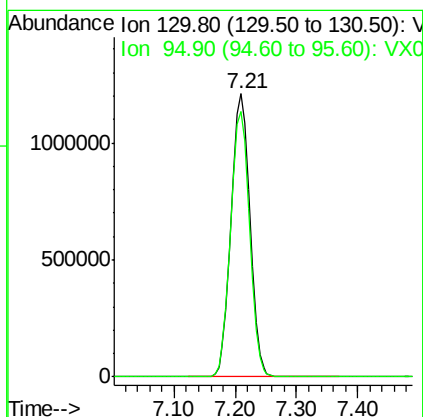
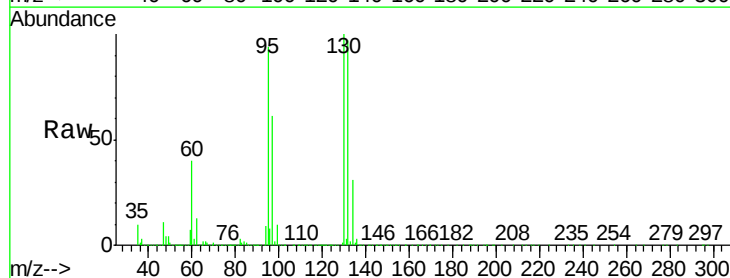
Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20200310

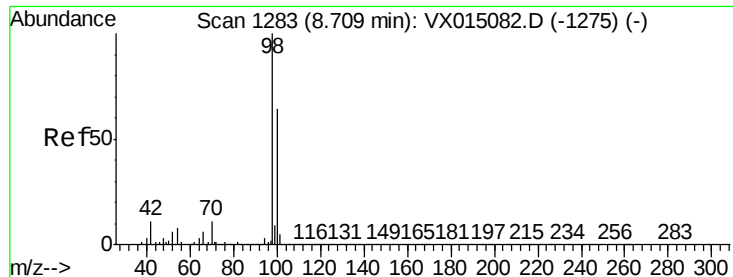
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.6	123.8
192	23.7	18.6	28.0



#44
Trichloroethene
Concen: 647.788 ug/l
RT: 7.21 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VX015300.D
Acq: 16 Mar 2020 17:28

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.8	0.0	181.2





#50

Toluene-d8

Concen: 50.884 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX015300.D

Acq: 16 Mar 2020 17:28

Instrument :

MSVOA_X

ClientSampleId :

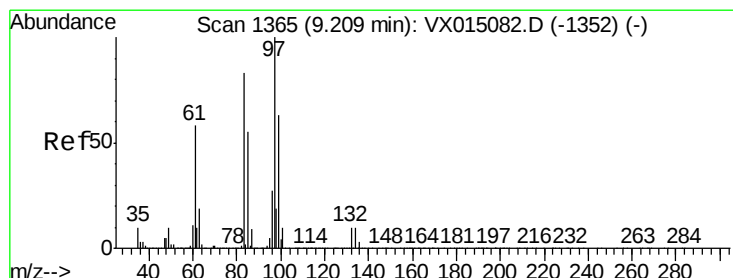
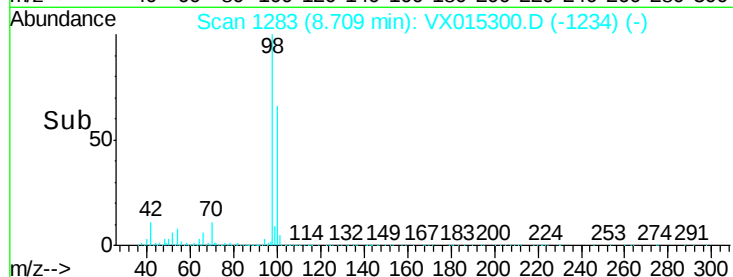
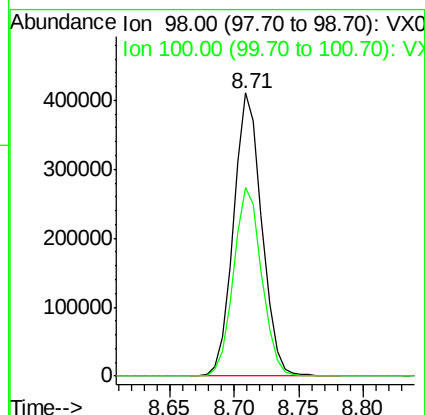
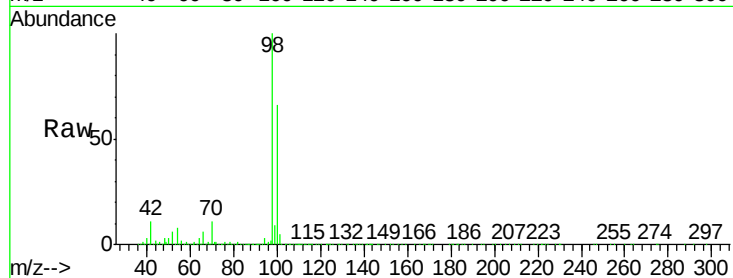
RE103D1-20200310

Tot Ion: 98 Resp: 628264

Ion Ratio Lower Upper

98 100

100 66.5 52.4 78.6



#55

1,1,2-Trichloroethane

Concen: 0.548 ug/l

RT: 9.21 min Scan# 1366

Delta R.T. 0.01 min

Lab File: VX015300.D

Acq: 16 Mar 2020 17:28

Tgt Ion: 97 Resp: 1946

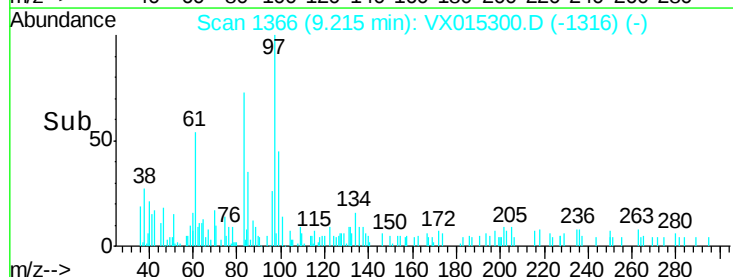
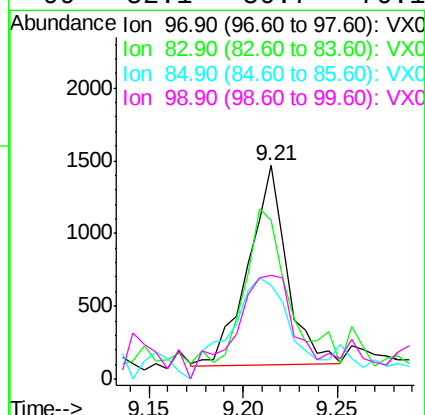
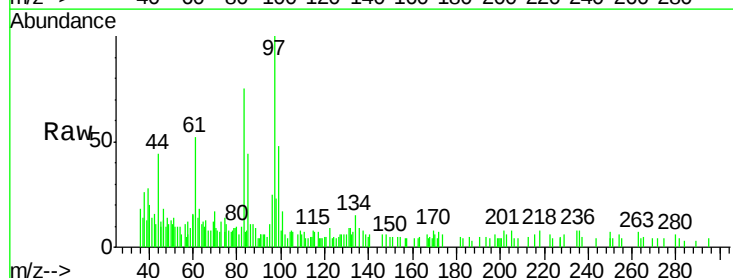
Ion Ratio Lower Upper

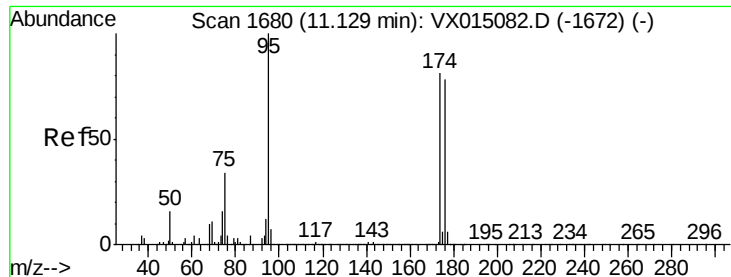
97 100

83 72.5 66.4 99.6

85 33.5 43.5 65.3#

99 52.1 50.7 76.1





#62

4-Bromofluorobenzene

Concen: 53.288 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX015300.D

Acq: 16 Mar 2020 17:28

Instrument :

MSVOA_X

ClientSampleId :

RE103D1-20200310

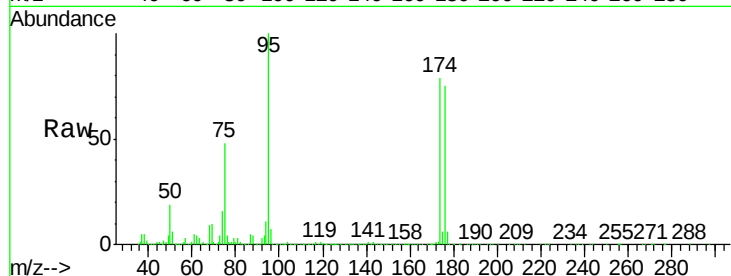
Tot Ion: 95 Resp: 234684

Ion Ratio Lower Upper

95 100

174 88.7 0.0 177.6

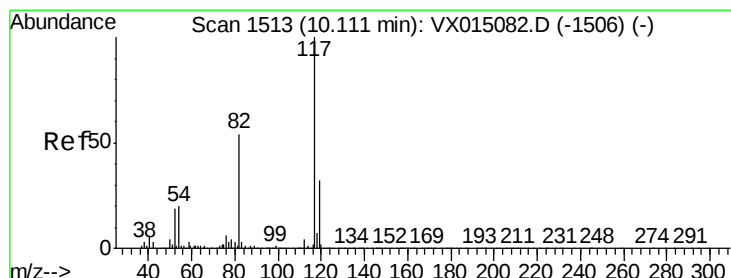
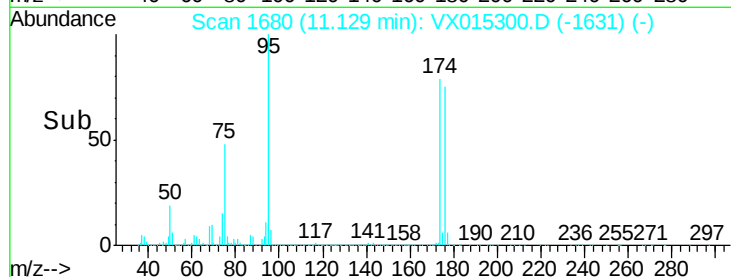
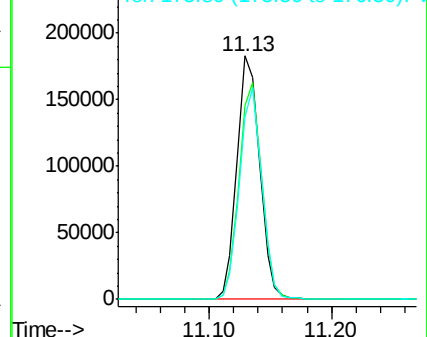
176 85.5 0.0 170.2



Abundance Ion 94.90 (94.60 to 95.60): VX015300.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX015300.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX015300.D (-1631) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1512

Delta R.T. -0.01 min

Lab File: VX015300.D

Acq: 16 Mar 2020 17:28

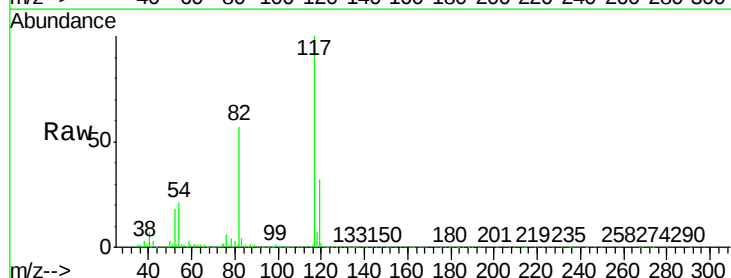
Tgt Ion: 117 Resp: 509509

Ion Ratio Lower Upper

117 100

82 57.2 43.3 64.9

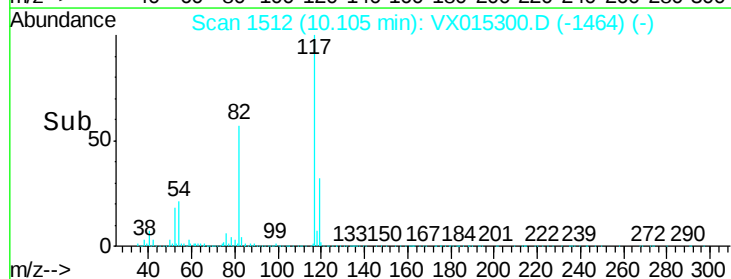
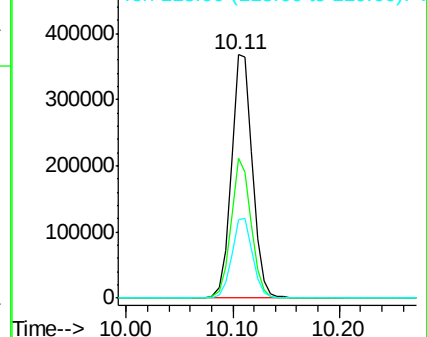
119 32.1 25.8 38.8

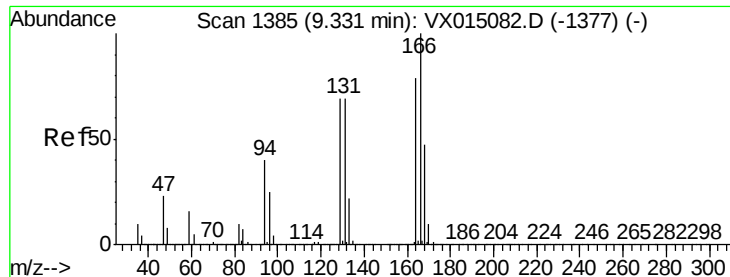


Abundance Ion 116.90 (116.60 to 117.60): VX015300.D (-1464) (-)

Ion 82.00 (81.70 to 82.70): VX015300.D (-1464) (-)

Ion 118.90 (118.60 to 119.60): VX015300.D (-1464) (-)





#64

Tetrachloroethene

Concen: 4.274 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX015300.D

Acq: 16 Mar 2020 17:28

Instrument :

MSVOA_X

ClientSampleId :

RE103D1-20200310

Tot Ion:164 Resp: 18004

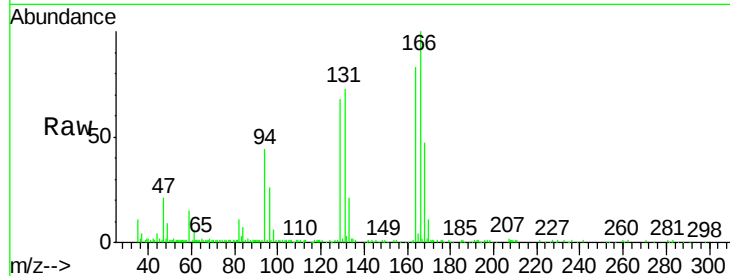
Ion Ratio Lower Upper

164 100

166 119.7 101.1 151.7

129 80.7 69.4 104.0

131 87.0 69.8 104.8

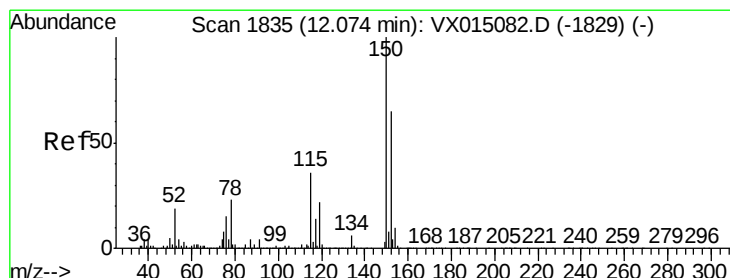
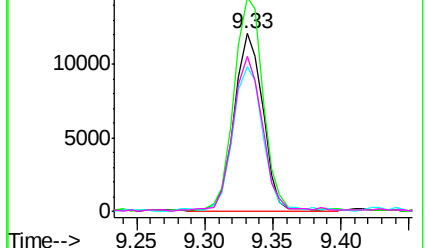
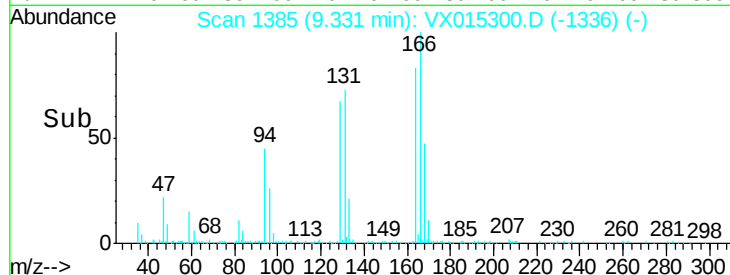


Abundance Ion 163.80 (163.50 to 164.50): V

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: VX015300.D

Acq: 16 Mar 2020 17:28

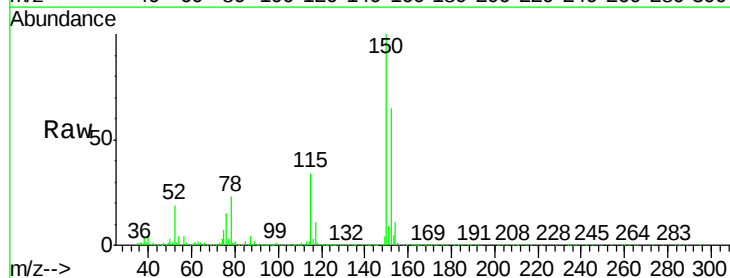
Tgt Ion:152 Resp: 256243

Ion Ratio Lower Upper

152 100

115 55.3 38.2 114.6

150 155.8 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

