

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031620\
 Data File : VX015299.D
 Acq On : 16 Mar 2020 17:05
 Operator : JC/SP
 Sample : L1945-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE104D2-20200312

Quant Time: Mar 17 08:37:17 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

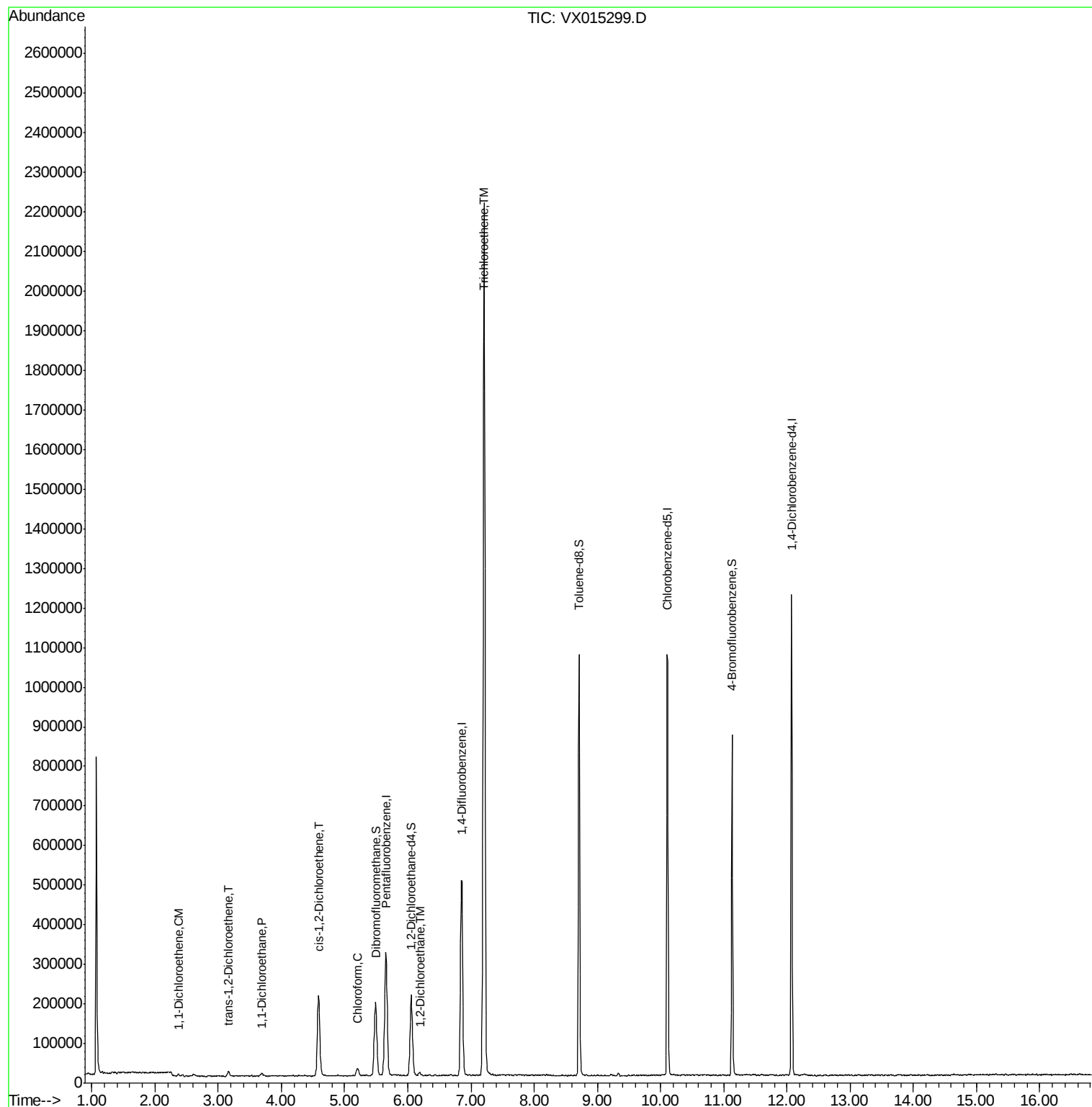
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	318572	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	520164	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	506206	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	261287	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	182144	48.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.38%	
35) Dibromofluoromethane	5.49	113	158627	48.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.68%	
50) Toluene-d8	8.71	98	623885	49.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.96%	
62) 4-Bromofluorobenzene	11.13	95	238601	53.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.18%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.37	96	2001	0.646	ug/l #	63
21) trans-1,2-Dichloroethene	3.16	96	6063	1.834	ug/l	84
24) 1,1-Dichloroethane	3.69	63	8200	1.374	ug/l #	89
27) cis-1,2-Dichloroethene	4.59	96	130658	35.232	ug/l	90
30) Chloroform	5.20	83	22058	3.792	ug/l	93
42) 1,2-Dichloroethane	6.19	62	8360	1.706	ug/l	91
44) Trichloroethene	7.21	130	878486	221.103	ug/l	99

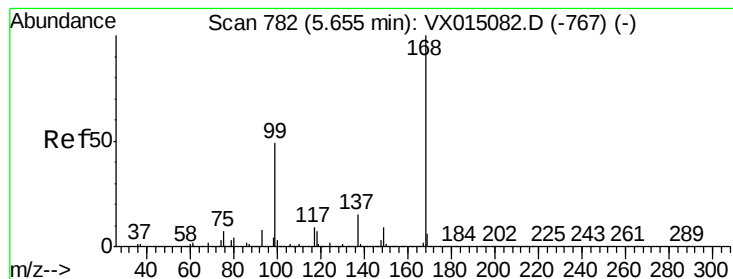
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX015299.D

Acq: 16 Mar 2020 17:05

Instrument :

MSVOA_X

ClientSampleId :

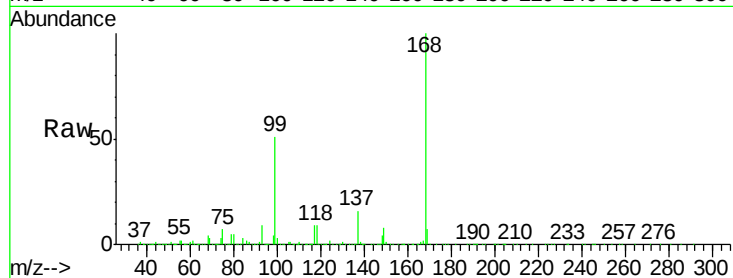
RE104D2-20200312

Tot Ion:168 Resp: 318572

Ion Ratio Lower Upper

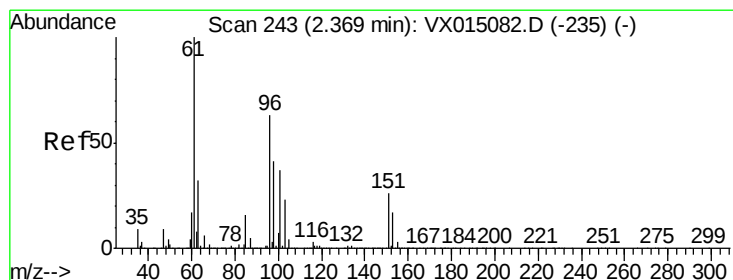
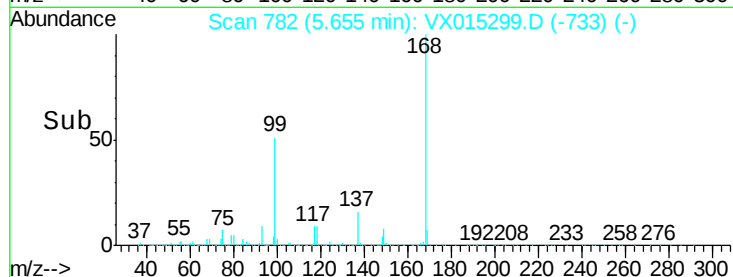
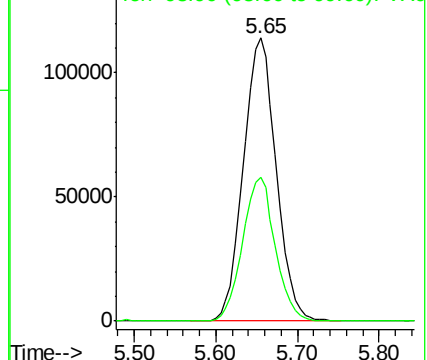
168 100

99 50.8 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#12

1,1-Dichloroethene

Concen: 0.646 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX015299.D

Acq: 16 Mar 2020 17:05

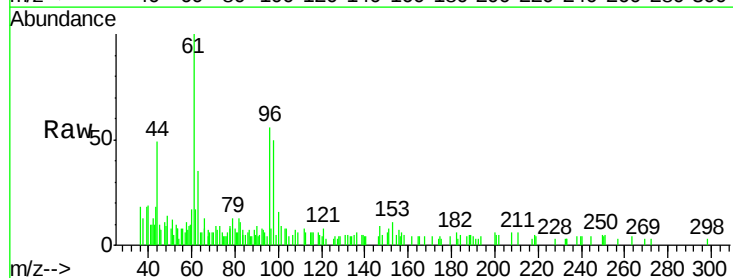
Tgt Ion: 96 Resp: 2001

Ion Ratio Lower Upper

96 100

61 201.9 126.2 189.4#

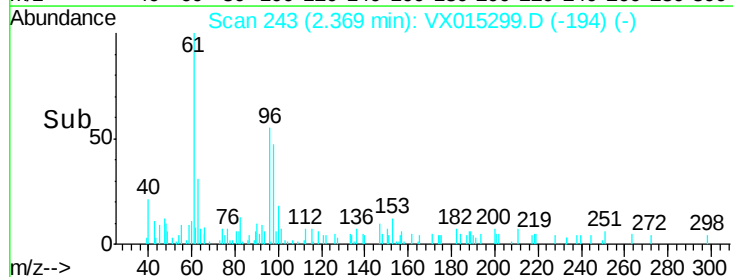
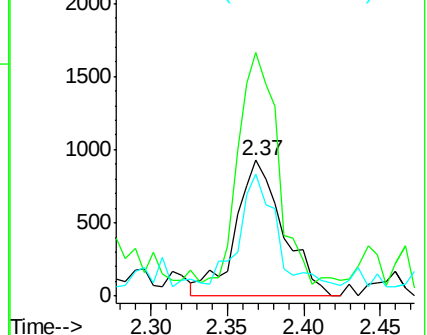
98 98.4 51.4 77.0#

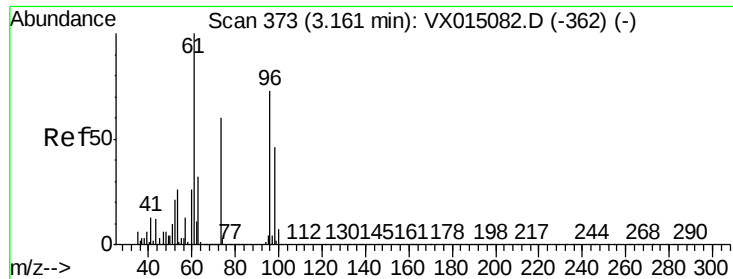


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#21

trans-1,2-Dichloroethene

Concen: 1.834 ug/l

RT: 3.16 min Scan# 373

Delta R.T. 0.00 min

Lab File: VX015299.D

Acq: 16 Mar 2020 17:05

Instrument :

MSVOA_X

ClientSampleId :

RE104D2-20200312

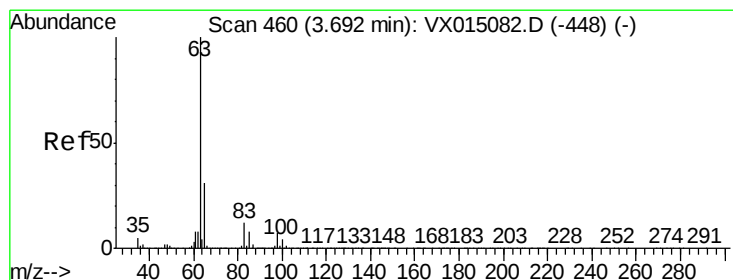
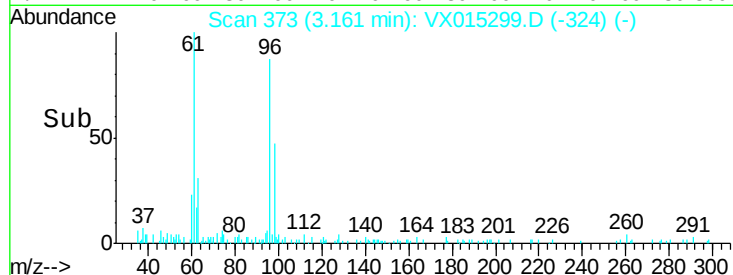
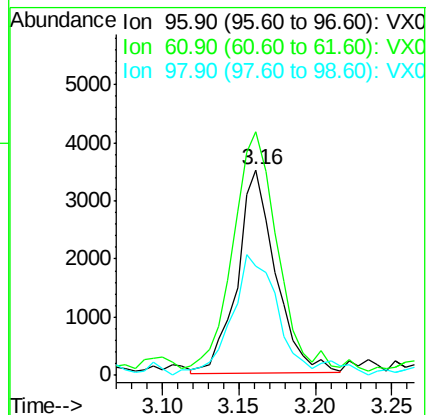
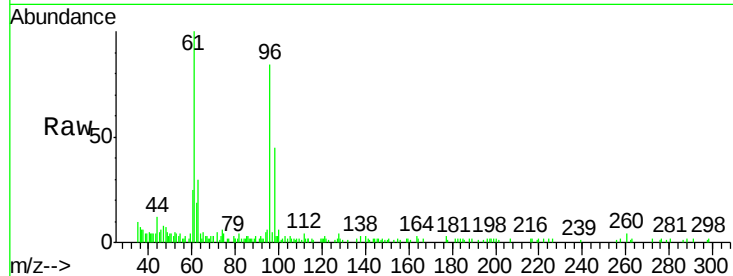
Tot Ion: 96 Resp: 6063

Ion Ratio Lower Upper

96 100

61 116.9 109.9 164.9

98 51.6 50.2 75.2



#24

1,1-Dichloroethane

Concen: 1.374 ug/l

RT: 3.69 min Scan# 460

Delta R.T. 0.00 min

Lab File: VX015299.D

Acq: 16 Mar 2020 17:05

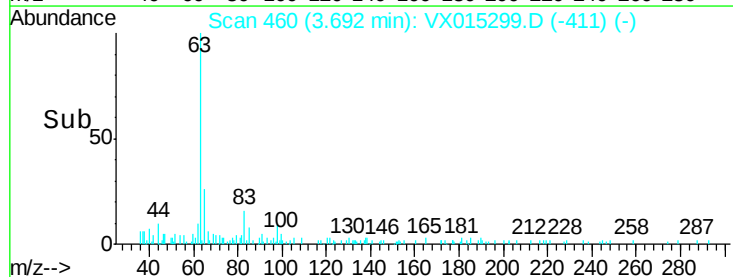
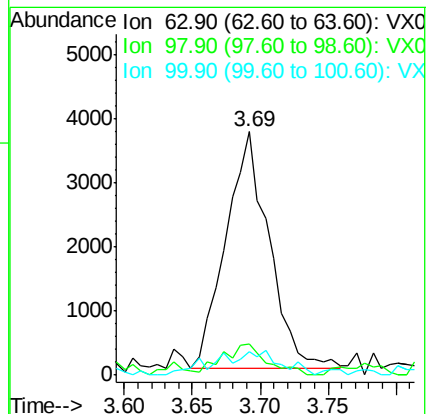
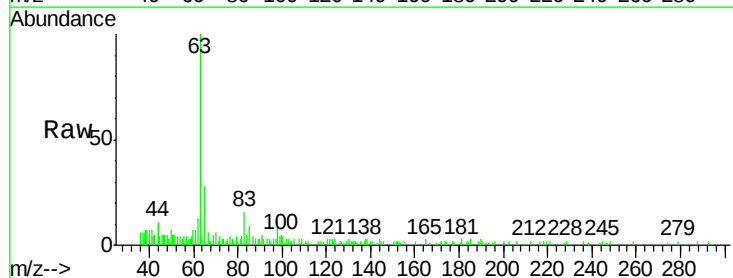
Tgt Ion: 63 Resp: 8200

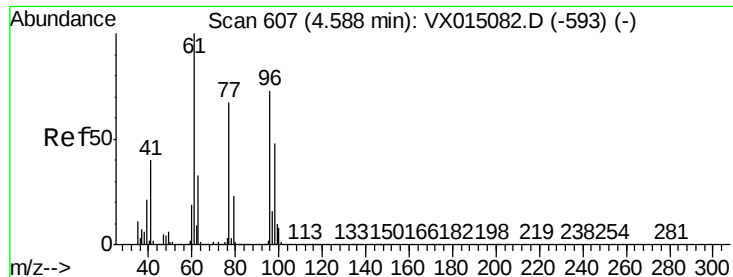
Ion Ratio Lower Upper

63 100

98 11.6 3.7 11.1#

100 7.7 2.1 6.5#



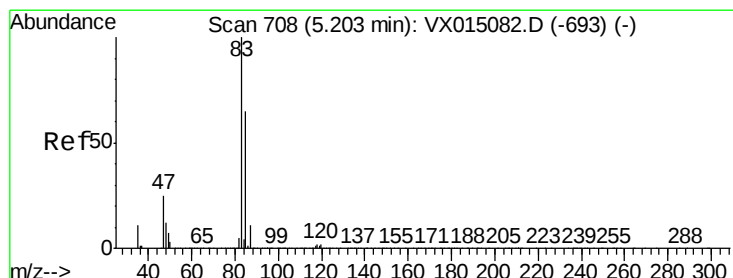
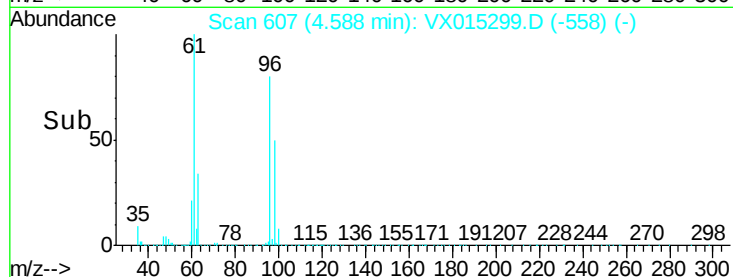
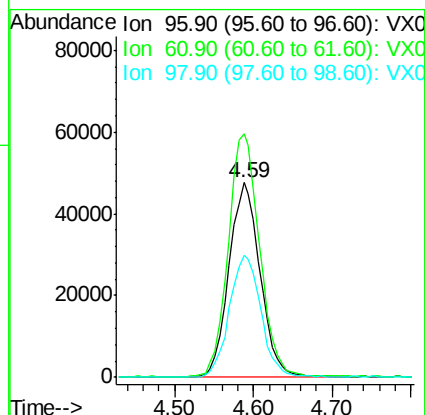
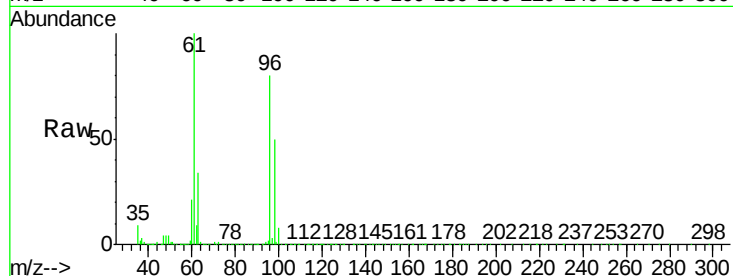


#27

cis-1,2-Dichloroethene
Concen: 35.232 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX015299.D
Acq: 16 Mar 2020 17:05

Instrument :
MSVOA_X
ClientSampleId :
RE104D2-20200312

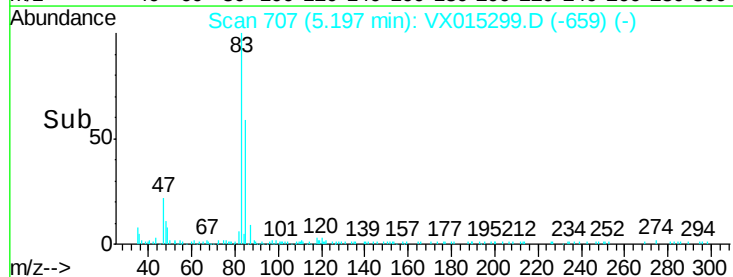
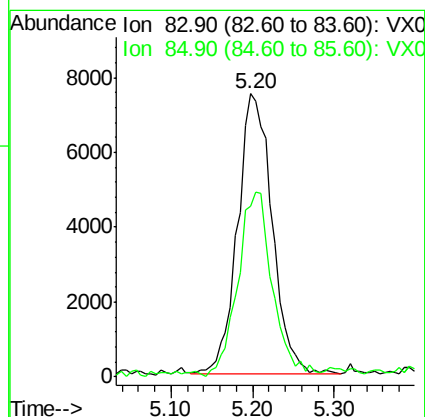
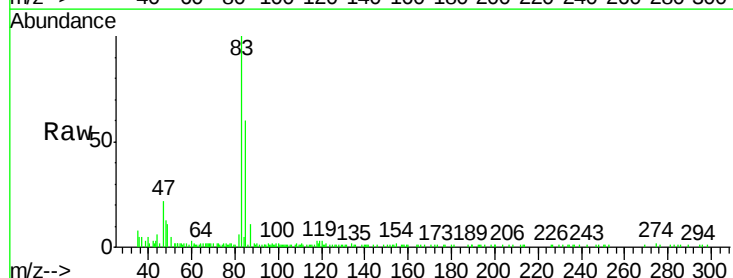
Tot Ion	Ratio	Lower	Upper
96	100		
61	126.3	0.0	286.8
98	62.7	0.0	128.4

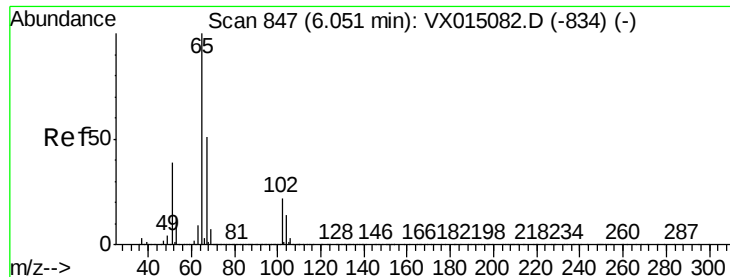


#30

Chloroform
Concen: 3.792 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX015299.D
Acq: 16 Mar 2020 17:05

Tgt Ion	Ratio	Lower	Upper
83	100		
85	59.7	52.0	78.0





#33

1,2-Dichloroethane-d4

Concen: 48.193 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.01 min

Lab File: VX015299.D

Acq: 16 Mar 2020 17:05

Instrument :

MSVOA_X

ClientSampleId :

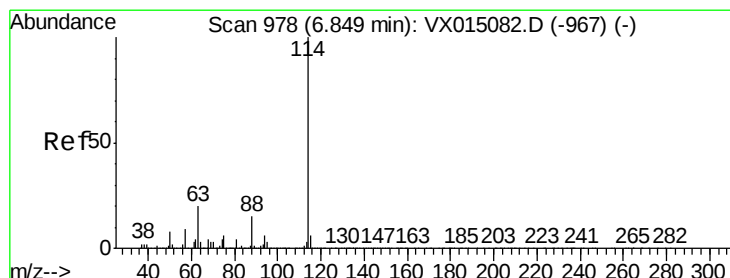
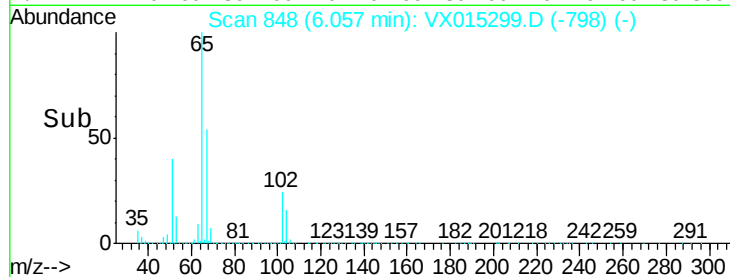
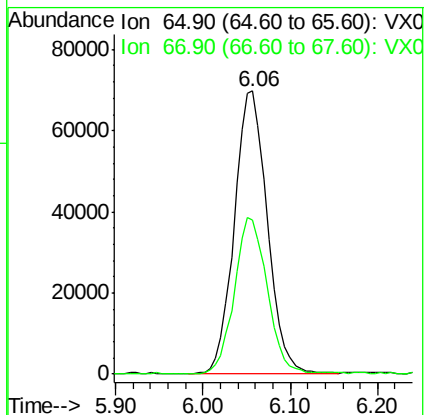
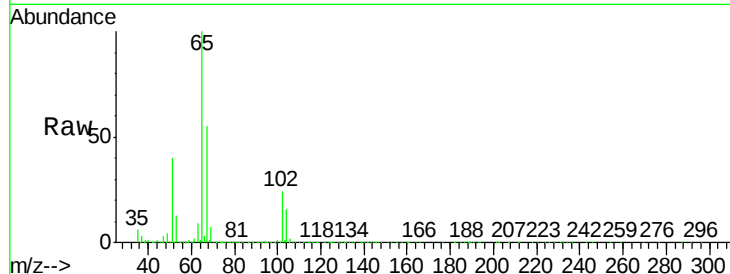
RE104D2-20200312

Tot Ion: 65 Resp: 182144

Ion Ratio Lower Upper

65 100

67 55.2 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: VX015299.D

Acq: 16 Mar 2020 17:05

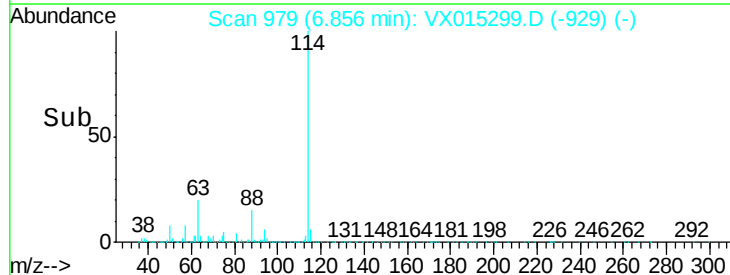
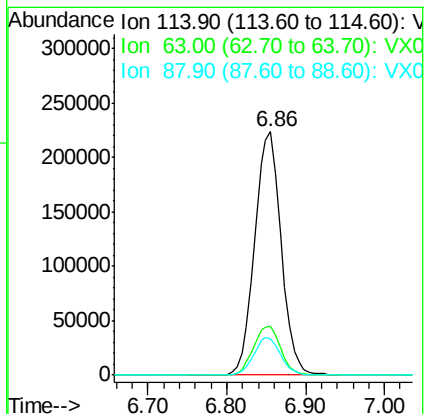
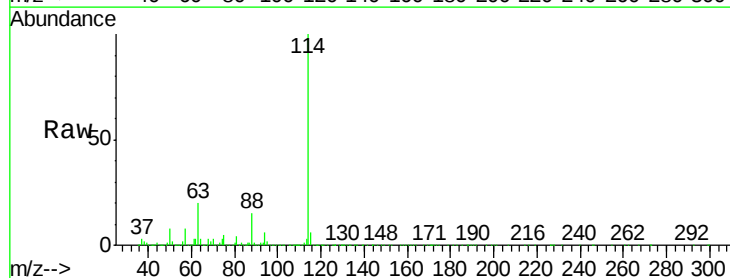
Tgt Ion: 114 Resp: 520164

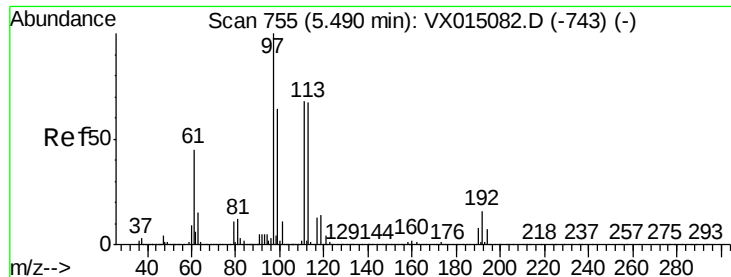
Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.0

88 14.9 0.0 30.6





#35

Dibromofluoromethane

Concen: 48.339 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX015299.D

Acq: 16 Mar 2020 17:05

Instrument :

MSVOA_X

ClientSampleId :

RE104D2-20200312

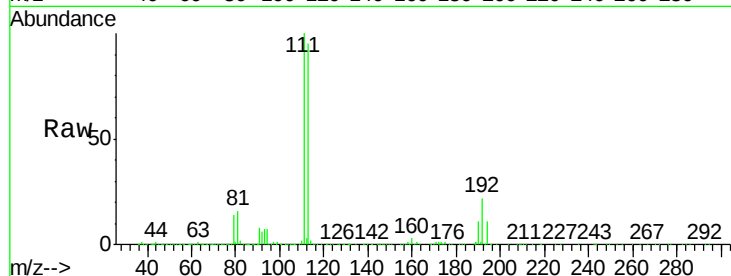
Tot Ion:113 Resp: 158627

Ion Ratio Lower Upper

113 100

111 103.5 82.6 123.8

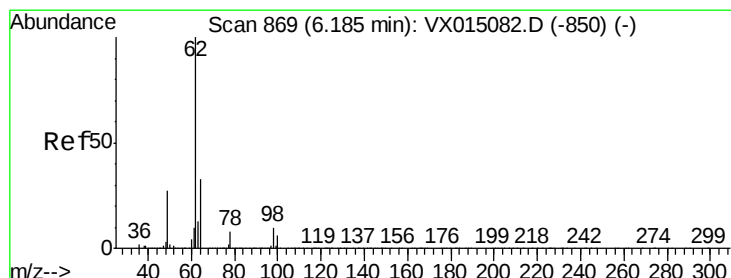
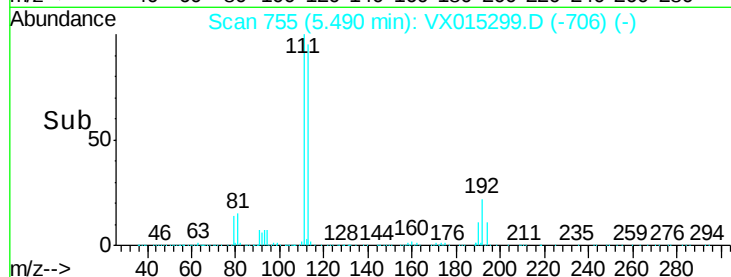
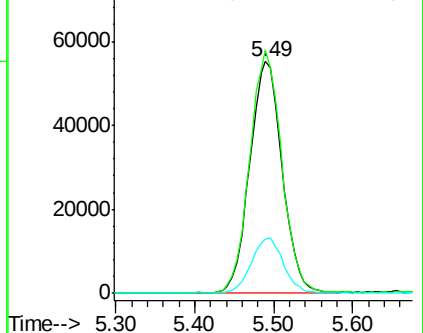
192 23.9 18.6 28.0



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



#42

1,2-Dichloroethane

Concen: 1.706 ug/l

RT: 6.19 min Scan# 869

Delta R.T. 0.00 min

Lab File: VX015299.D

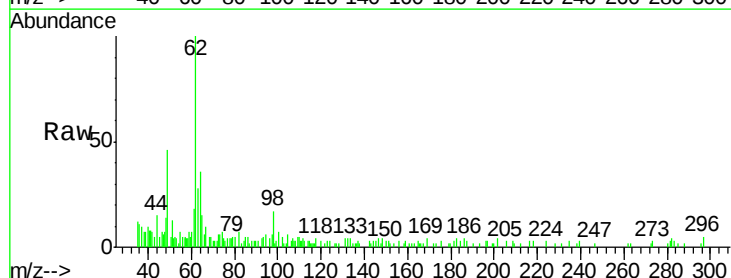
Acq: 16 Mar 2020 17:05

Tgt Ion: 62 Resp: 8360

Ion Ratio Lower Upper

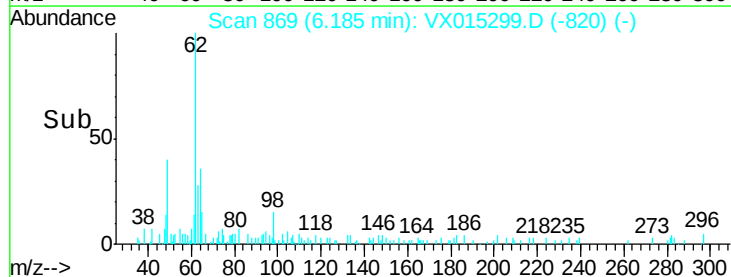
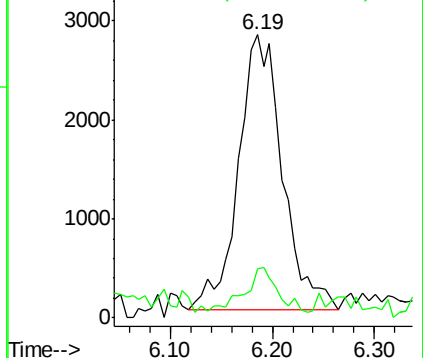
62 100

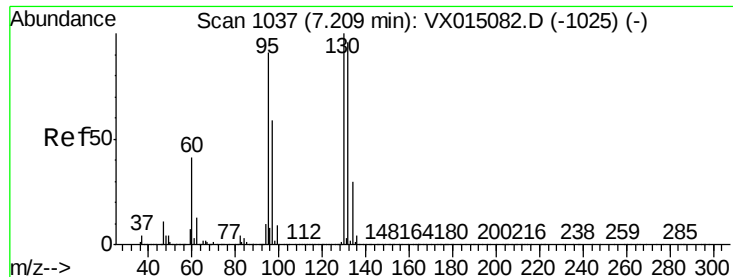
98 13.6 0.0 20.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#44

Trichloroethene

Concen: 221.103 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VX015299.D

Acq: 16 Mar 2020 17:05

Instrument :

MSVOA_X

ClientSampleId :

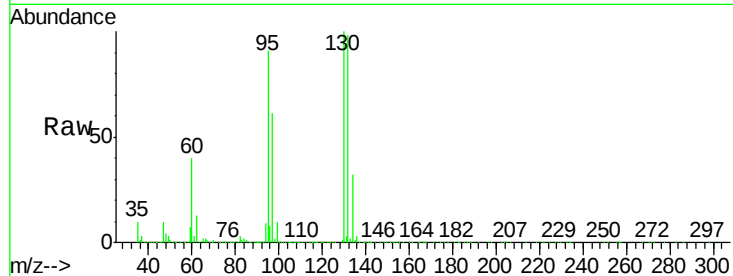
RE104D2-20200312

Tot Ion:130 Resp: 878486

Ion Ratio Lower Upper

130 100

95 91.4 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

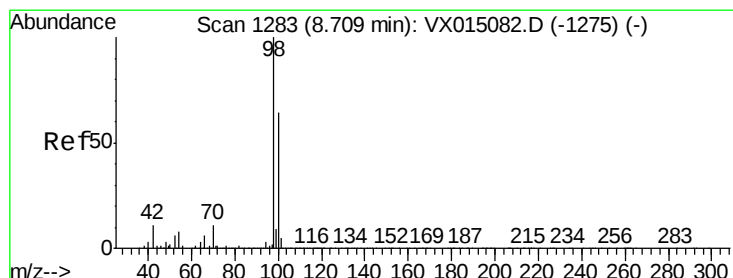
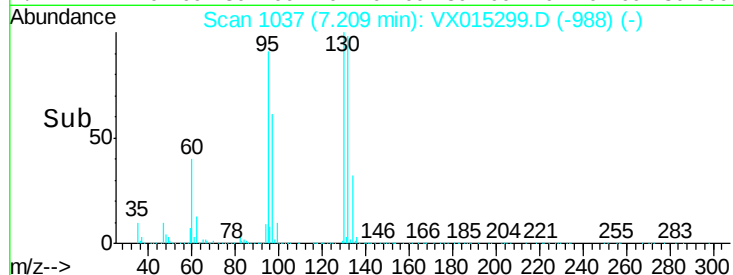
300000

200000

100000

0

Time-->



#50

Toluene-d8

Concen: 49.980 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX015299.D

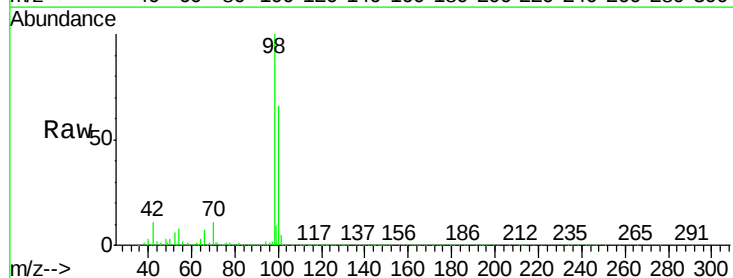
Acq: 16 Mar 2020 17:05

Tgt Ion: 98 Resp: 623885

Ion Ratio Lower Upper

98 100

100 66.3 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

400000

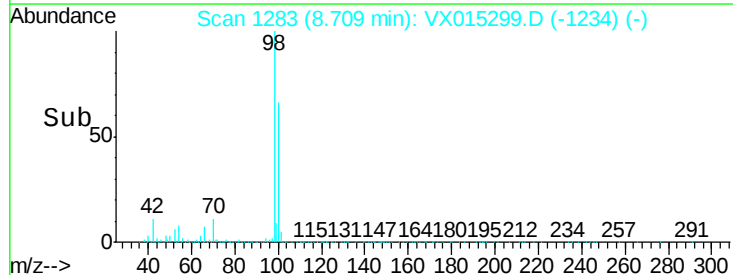
300000

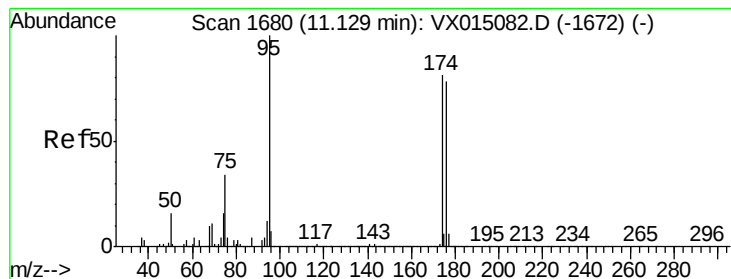
200000

100000

0

Time-->





#62

4-Bromofluorobenzene

Concen: 53.589 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX015299.D

Acq: 16 Mar 2020 17:05

Instrument :

MSVOA_X

ClientSampleId :

RE104D2-20200312

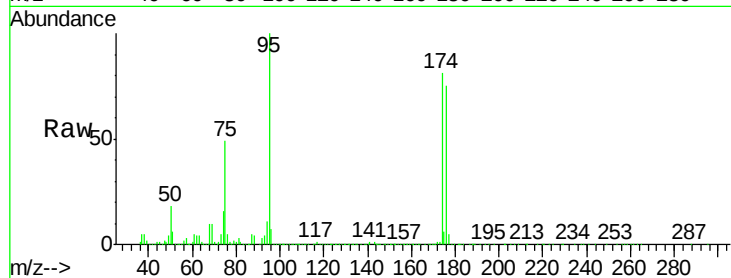
Tot Ion: 95 Resp: 238601

Ion Ratio Lower Upper

95 100

174 87.3 0.0 177.6

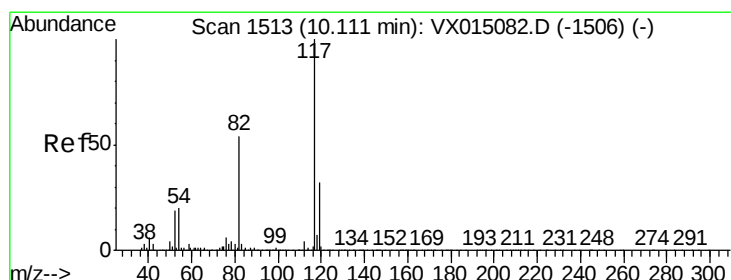
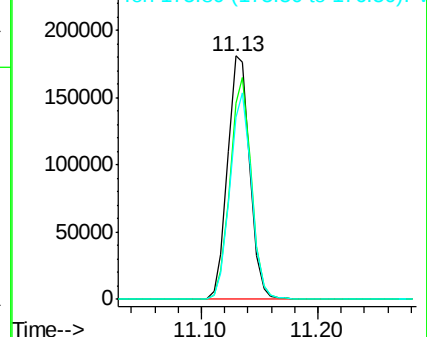
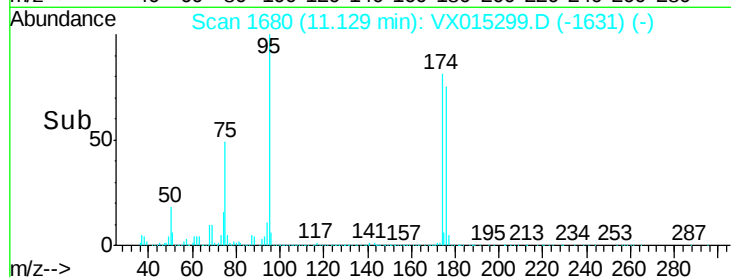
176 82.5 0.0 170.2



Abundance Ion 94.90 (94.60 to 95.60): VX015299.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX015299.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX015299.D (-1631) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX015299.D

Acq: 16 Mar 2020 17:05

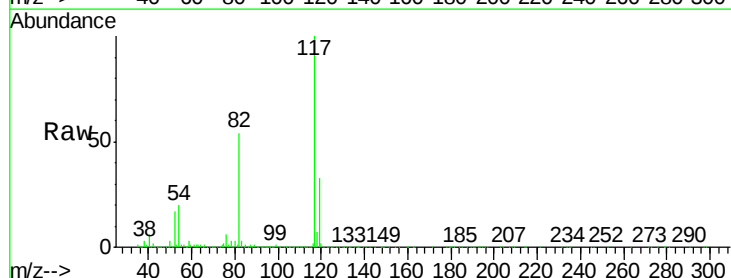
Tgt Ion: 117 Resp: 506206

Ion Ratio Lower Upper

117 100

82 53.8 43.3 64.9

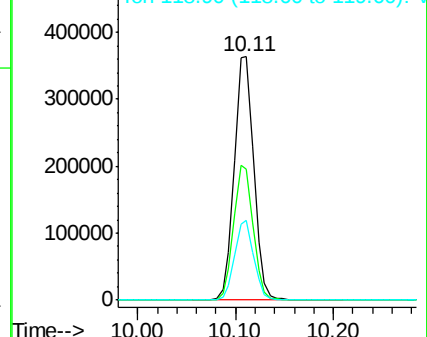
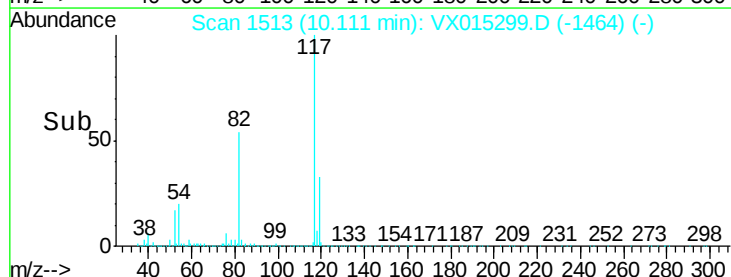
119 32.9 25.8 38.8

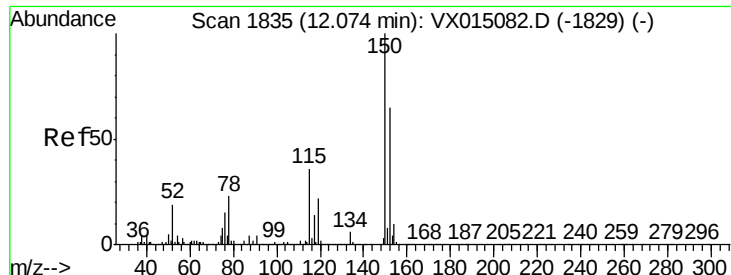


Abundance Ion 116.90 (116.60 to 117.60): VX015299.D (-1464) (-)

Ion 82.00 (81.70 to 82.70): VX015299.D (-1464) (-)

Ion 118.90 (118.60 to 119.60): VX015299.D (-1464) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX015299.D

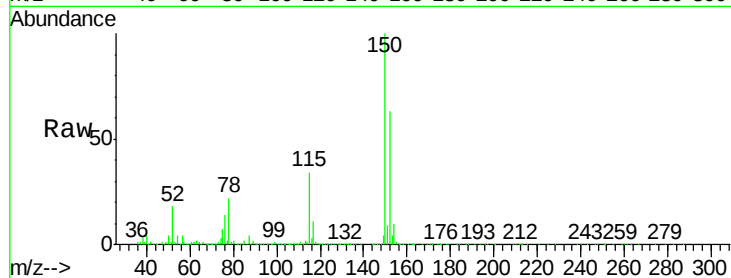
Acq: 16 Mar 2020 17:05

Instrument :

MSVOA_X

ClientSampleId :

RE104D2-20200312



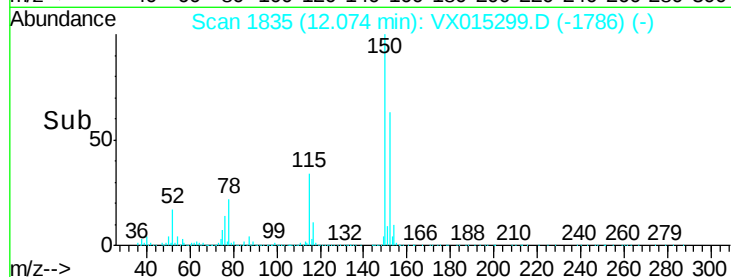
Tot Ion:152 Resp: 261287

Ion Ratio Lower Upper

152 100

115 54.8 38.2 114.6

150 156.4 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

