

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX110119\
 Data File : VX013315.D
 Acq On : 01 Nov 2019 16:43
 Operator : JC/SP
 Sample : K5651-02DL 4X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS003MW326R-191031DL

Quant Time: Nov 04 02:14:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 07:06:38 2019
 Response via : Initial Calibration

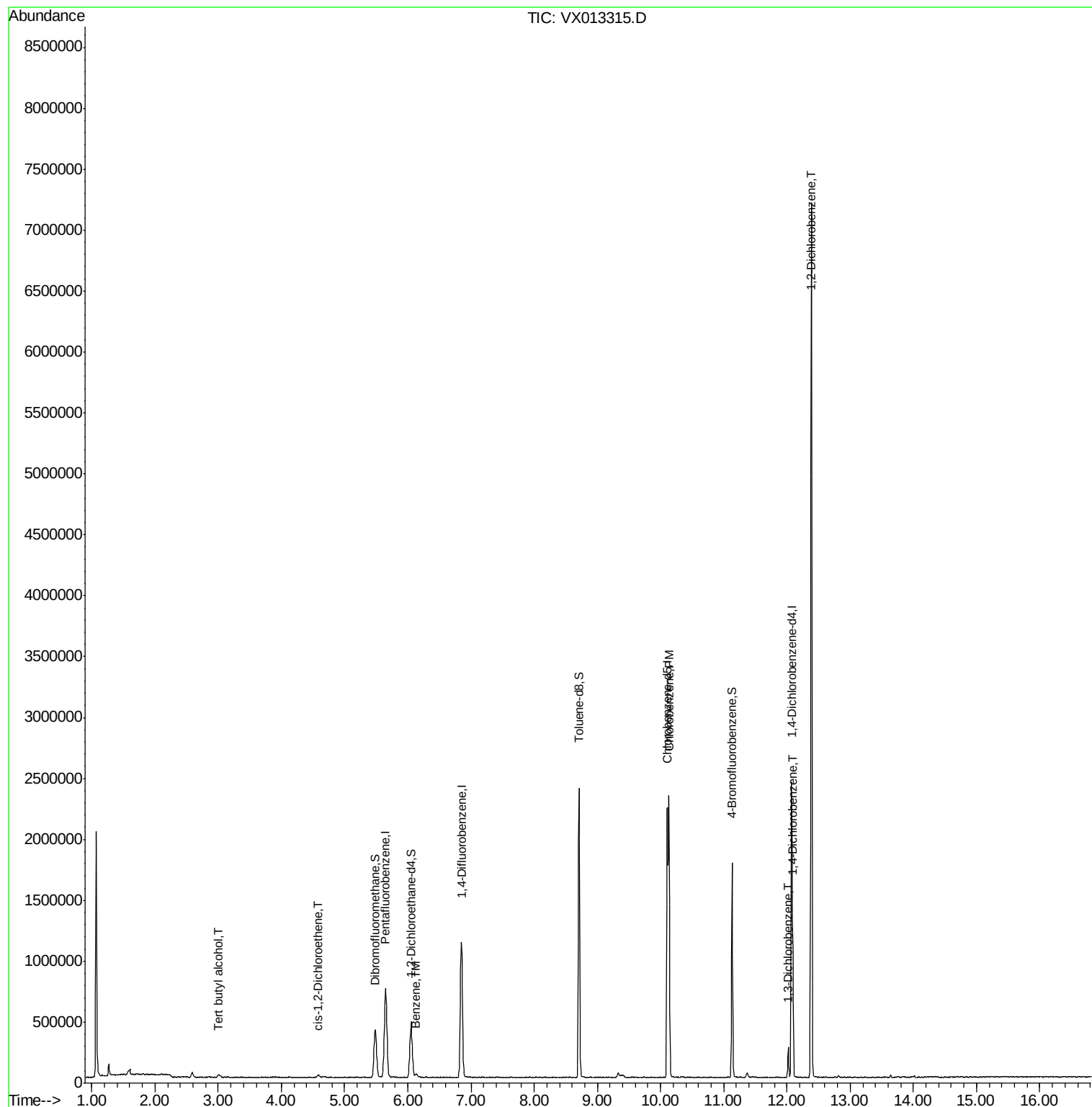
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	754368	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1148182	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	1022976	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	483532	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	432110	48.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.70%	
35) Dibromofluoromethane	5.48	113	341167	47.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.74%	
50) Toluene-d8	8.71	98	1372545	50.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.12%	
62) 4-Bromofluorobenzene	11.13	95	459490	46.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.80%	
Target Compounds						
11) Tert butyl alcohol	3.00	59	17652	7.494	ug/l #	85
27) cis-1,2-Dichloroethene	4.58	96	14982	1.775	ug/l	81
40) Benzene	6.13	78	37620	1.226	ug/l	97
65) Chlorobenzene	10.14	112	1027699	49.622	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	84474	5.545	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	284932	18.357	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	2341298	153.748	ug/l	99

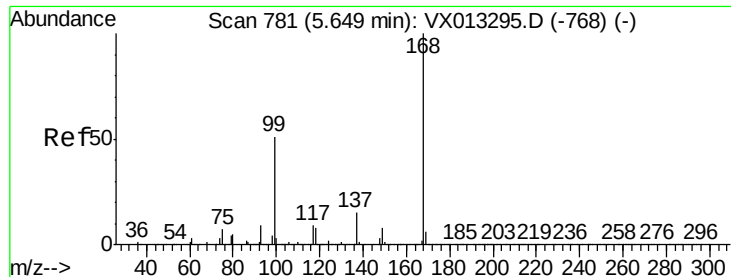
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Nov 02 07:06:38 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

Lab File: VX013315.D

Acq: 01 Nov 2019 16:43

Instrument :

MSVOA_X

ClientSampleId :

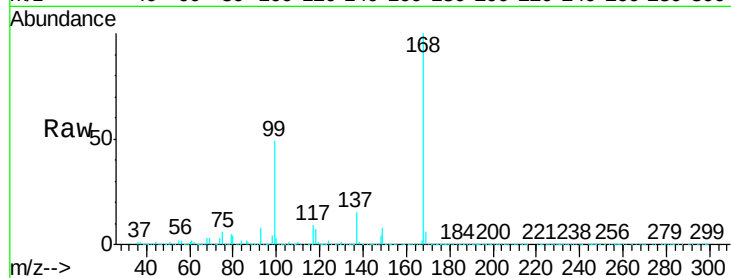
SS003MW326R-191031DL

Tgt Ion:168 Resp: 754368

Ion Ratio Lower Upper

168 100

99 49.3 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

300000

250000

200000

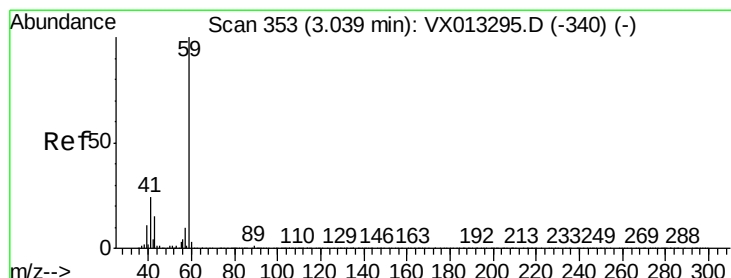
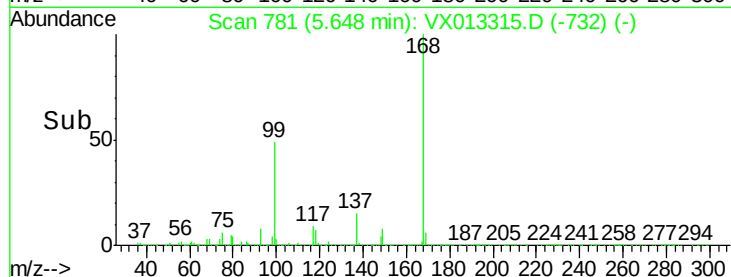
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 7.494 ug/l

RT: 3.00 min Scan# 347

Delta R.T. -0.04 min

Lab File: VX013315.D

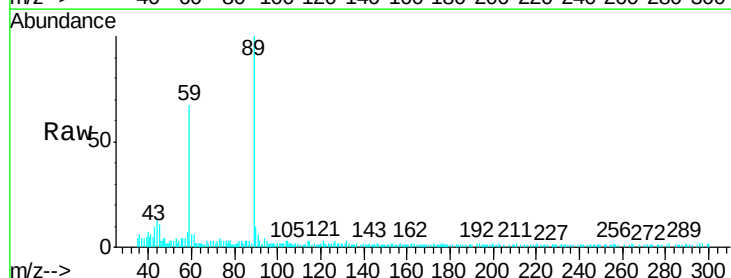
Acq: 01 Nov 2019 16:43

Tgt Ion: 59 Resp: 17652

Ion Ratio Lower Upper

59 100

57 4.6 8.0 12.0#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.00

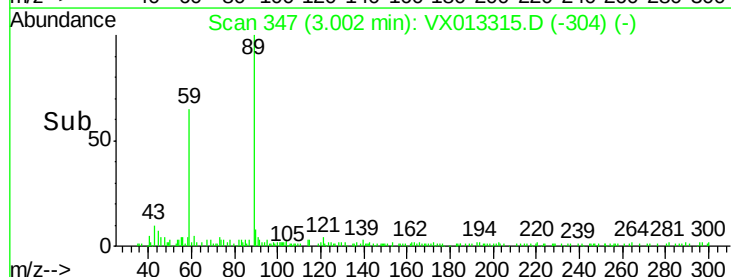
6000

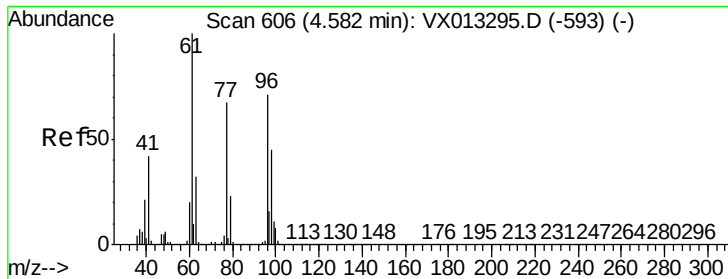
4000

2000

0

Time-->



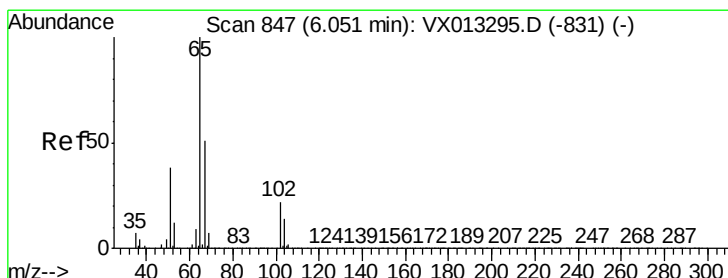
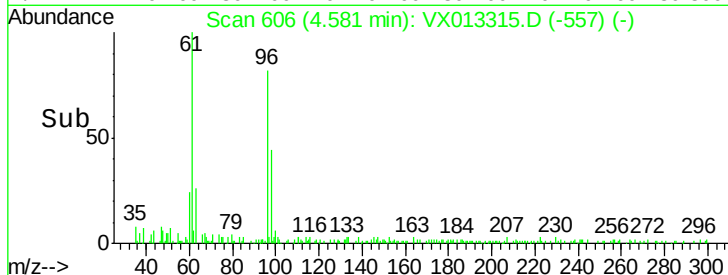
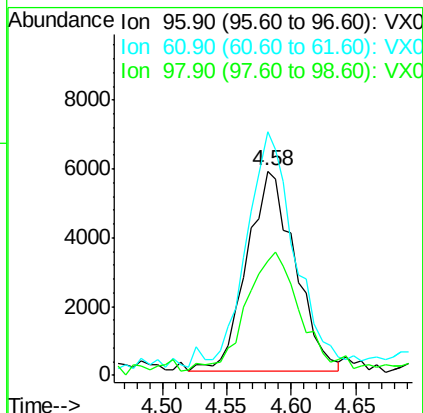
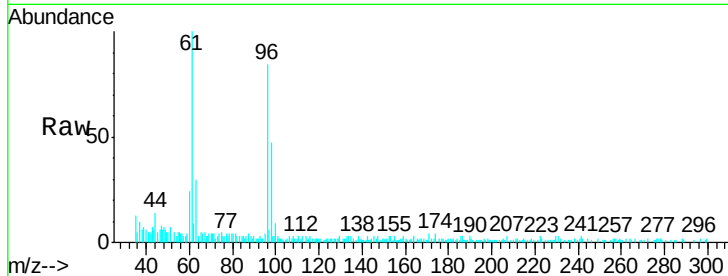


#27

cis-1,2-Dichloroethene
Concen: 1.775 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.00 min
Lab File: VX013315.D
Acq: 01 Nov 2019 16:43

Instrument :
MSVOA_X
ClientSampleId :
SS003MW326R-191031DL

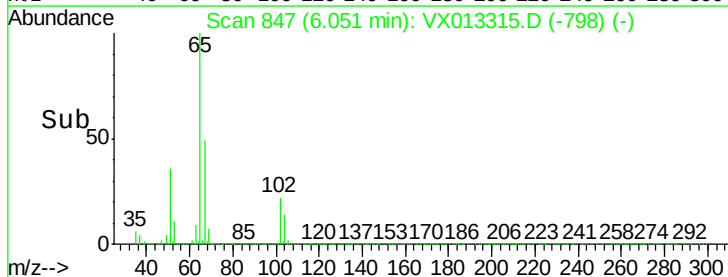
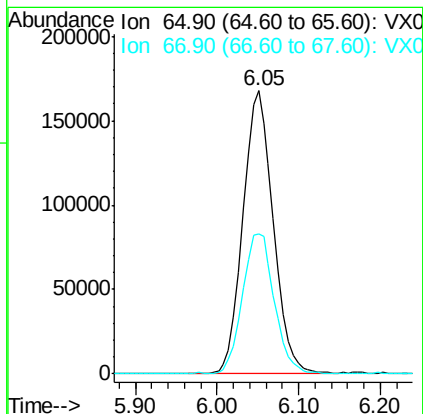
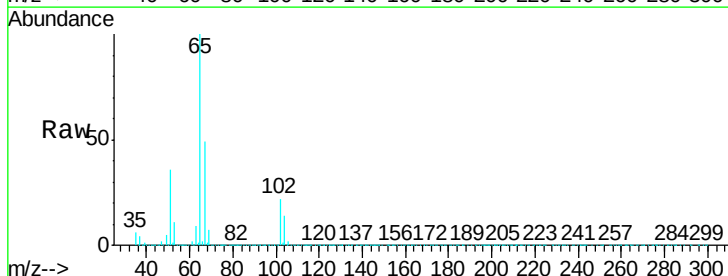
Tgt Ion	Ratio	Lower	Upper
96	100		
61	109.7	0.0	288.0
98	65.1	0.0	129.6

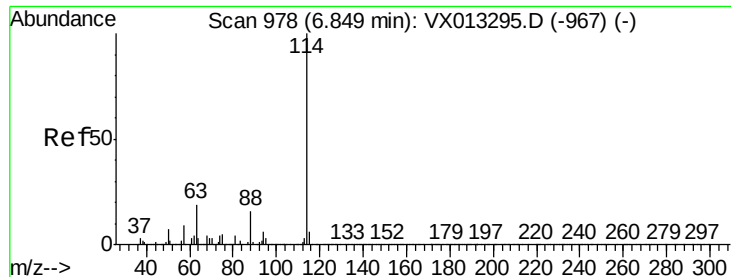


#33

1,2-Dichloroethane-d4
Concen: 48.351 ug/l
RT: 6.05 min Scan# 847
Delta R.T. -0.00 min
Lab File: VX013315.D
Acq: 01 Nov 2019 16:43

Tgt Ion	Ratio	Lower	Upper
65	100		
67	51.6	0.0	104.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX013315.D

Acq: 01 Nov 2019 16:43

Instrument :

MSVOA_X

ClientSampleId :

SS003MW326R-191031DL

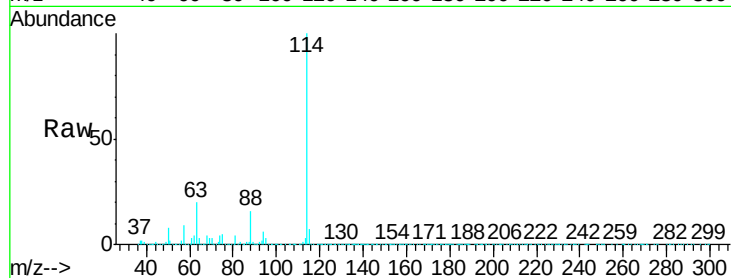
Tgt Ion:114 Resp: 1148182

Ion Ratio Lower Upper

114 100

63 19.8 0.0 38.4

88 15.5 0.0 32.2

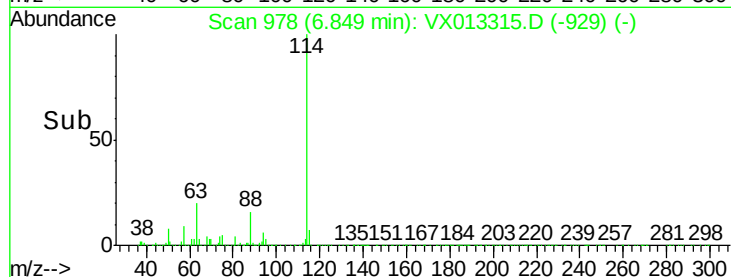


Abundance Ion 113.90 (113.60 to 114.60): V

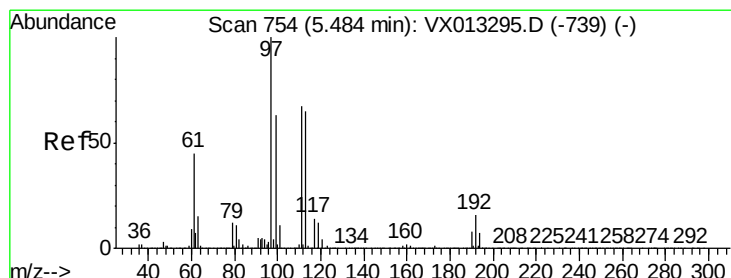
Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.85



Time--> 6.70 6.80 6.90 7.00



#35

Dibromofluoromethane

Concen: 47.374 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX013315.D

Acq: 01 Nov 2019 16:43

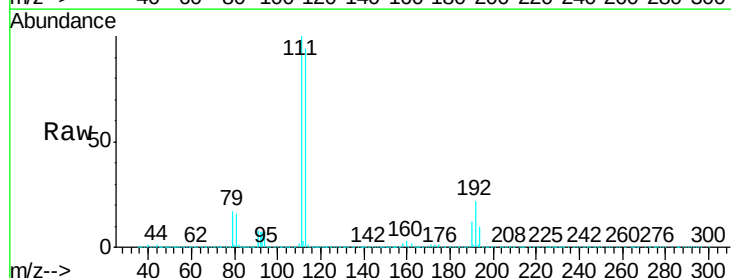
Tgt Ion:113 Resp: 341167

Ion Ratio Lower Upper

113 100

111 103.0 81.9 122.9

192 22.9 19.1 28.7

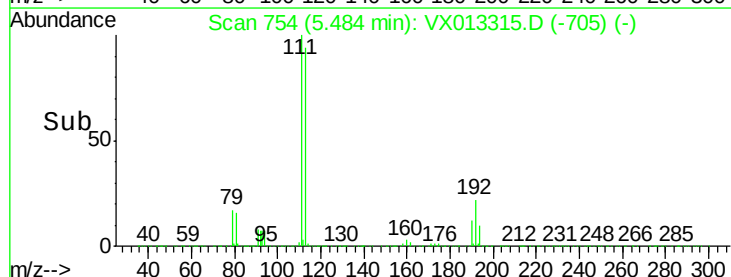


Abundance Ion 112.80 (112.50 to 113.50): V

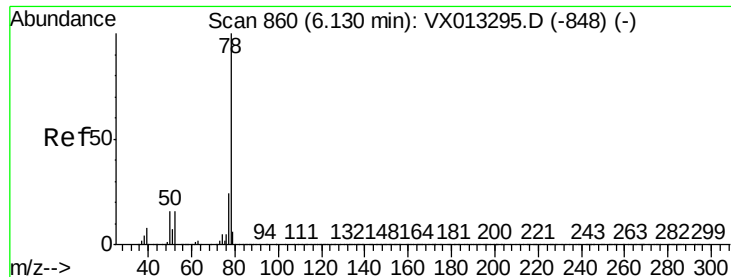
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

5.48



Time--> 5.30 5.40 5.50 5.60



#40

Benzene

Concen: 1.226 ug/l

RT: 6.13 min Scan# 860

Delta R.T. -0.00 min

Lab File: VX013315.D

Acq: 01 Nov 2019 16:43

Instrument :

MSVOA_X

ClientSampleId :

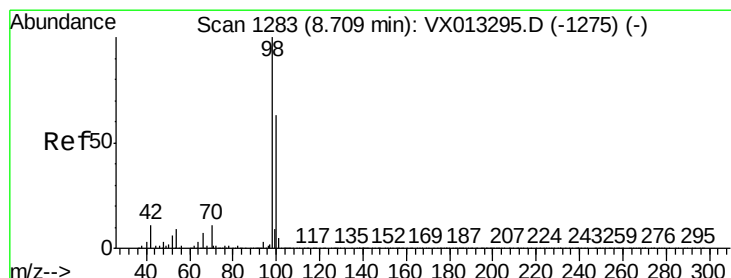
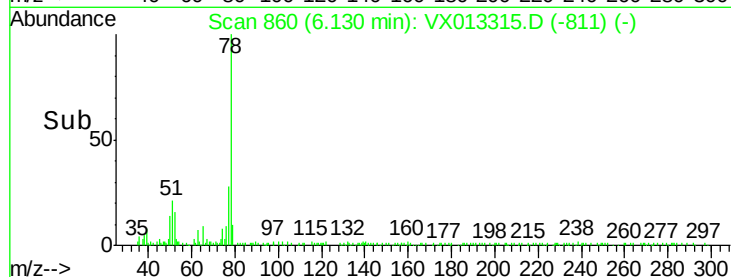
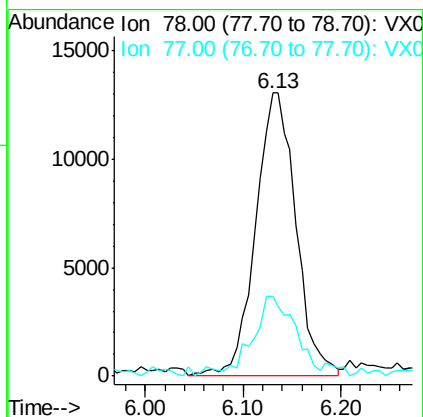
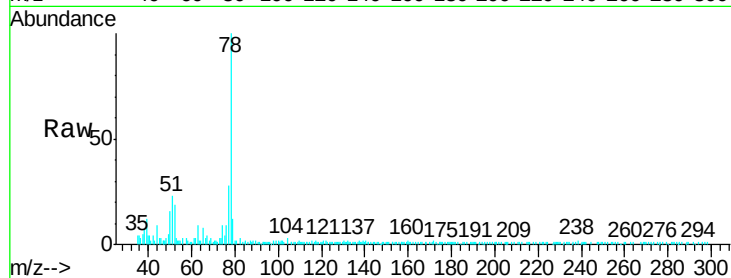
SS003MW326R-191031DL

Tgt Ion: 78 Resp: 37620

Ion Ratio Lower Upper

78 100

77 25.6 19.5 29.3



#50

Toluene-d8

Concen: 50.556 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX013315.D

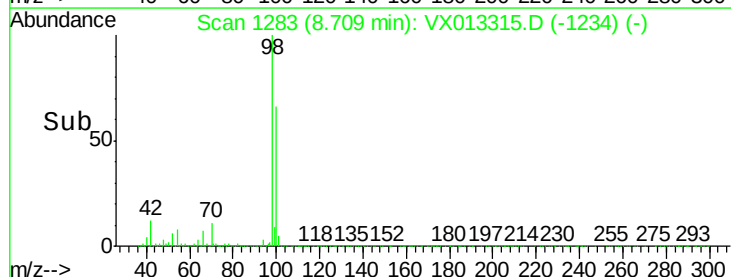
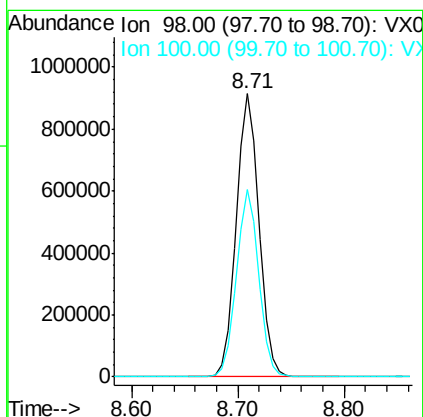
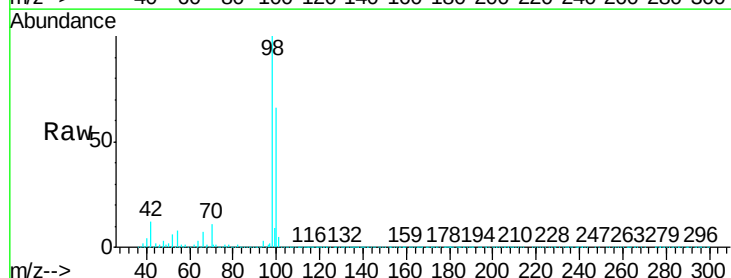
Acq: 01 Nov 2019 16:43

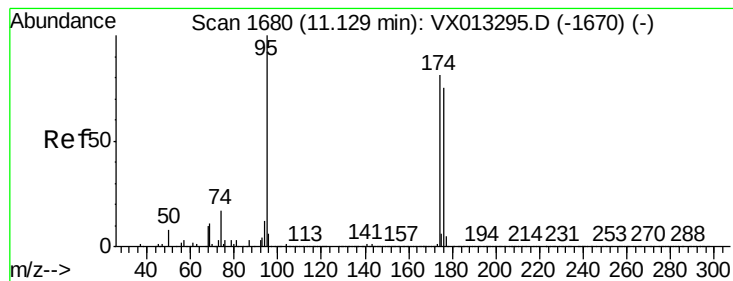
Tgt Ion: 98 Resp: 1372545

Ion Ratio Lower Upper

98 100

100 65.1 52.2 78.2





#62

4-Bromofluorobenzene

Concen: 46.895 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX013315.D

Acq: 01 Nov 2019 16:43

Instrument :

MSVOA_X

ClientSampleId :

SS003MW326R-191031DL

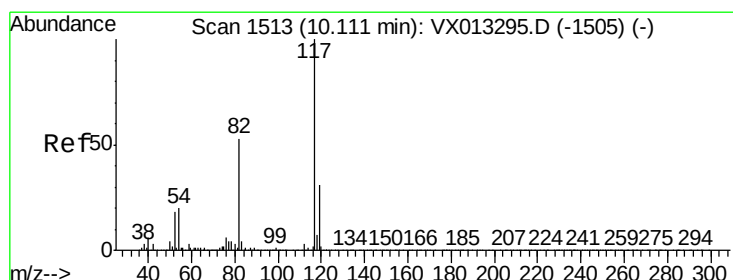
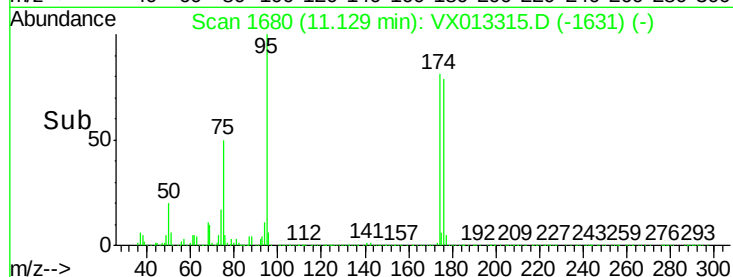
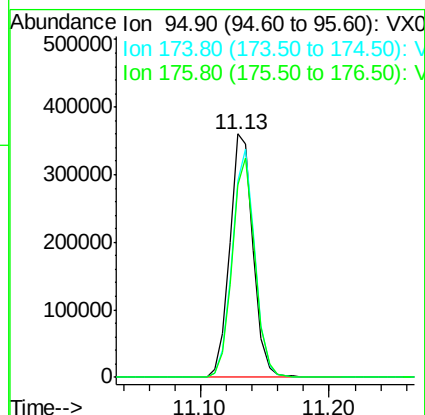
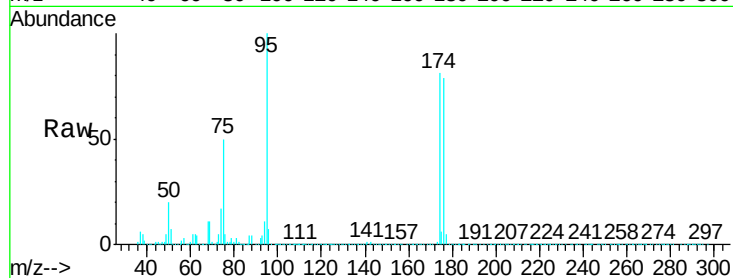
Tgt Ion: 95 Resp: 459490

Ion Ratio Lower Upper

95 100

174 91.0 0.0 179.8

176 87.9 0.0 173.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VX013315.D

Acq: 01 Nov 2019 16:43

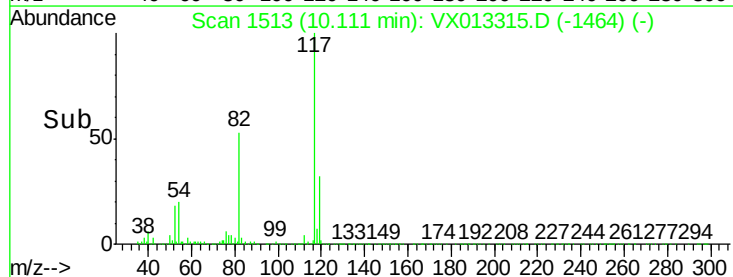
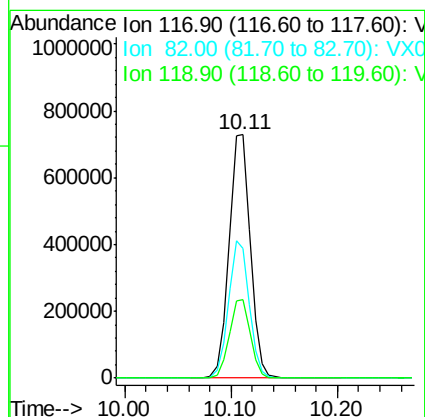
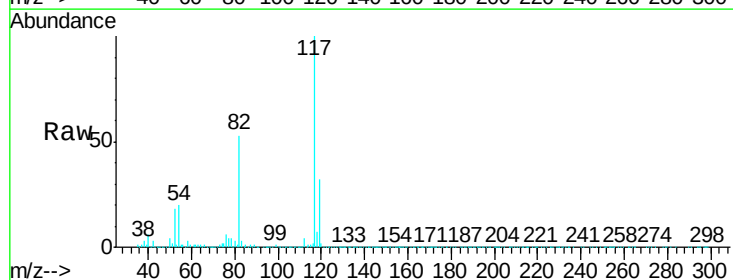
Tgt Ion: 117 Resp: 1022976

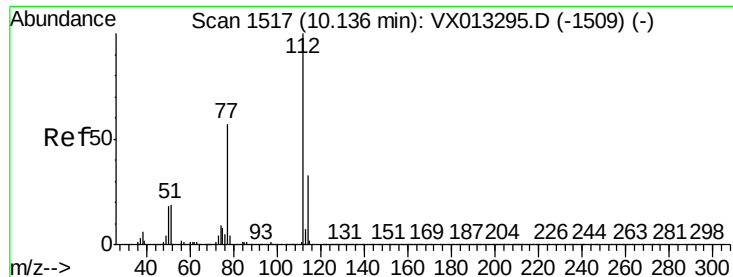
Ion Ratio Lower Upper

117 100

82 53.4 42.6 64.0

119 32.1 24.8 37.2





#65

Chlorobenzene

Concen: 49.622 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. -0.00 min

Lab File: VX013315.D

Acq: 01 Nov 2019 16:43

Instrument :

MSVOA_X

ClientSampleId :

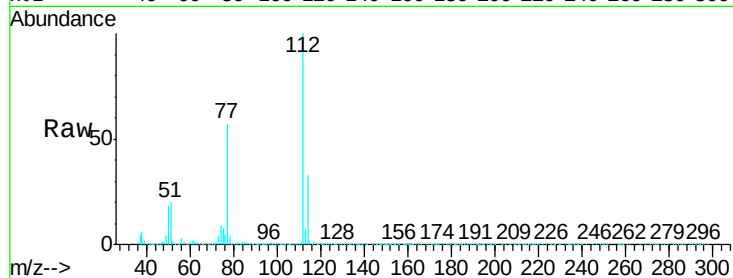
SS003MW326R-191031DL

Tgt Ion:112 Resp: 1027699

Ion Ratio Lower Upper

112 100

114 33.0 26.4 39.6



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.14

800000

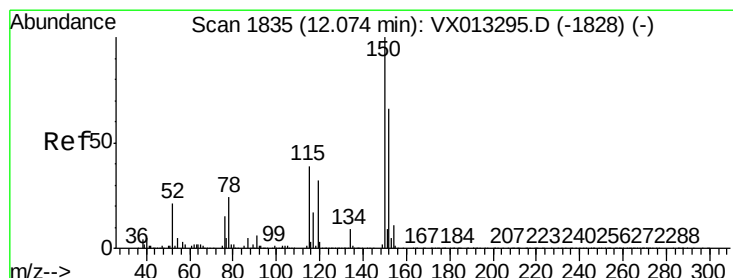
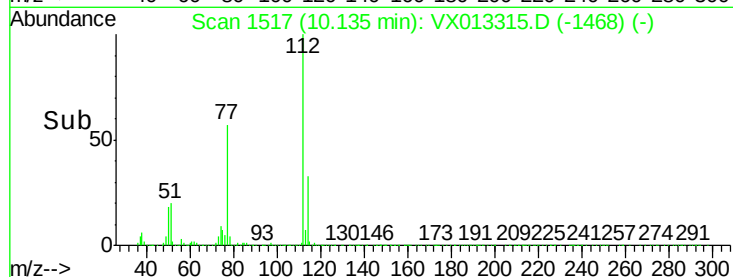
600000

400000

200000

0

Time--> 10.00 10.10 10.20 10.30



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX013315.D

Acq: 01 Nov 2019 16:43

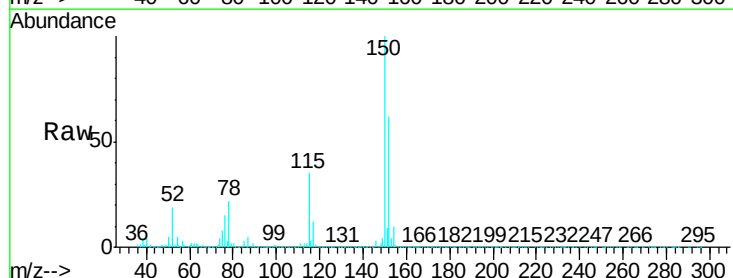
Tgt Ion:152 Resp: 483532

Ion Ratio Lower Upper

152 100

115 55.0 39.5 118.3

150 163.2 0.0 344.4



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

800000

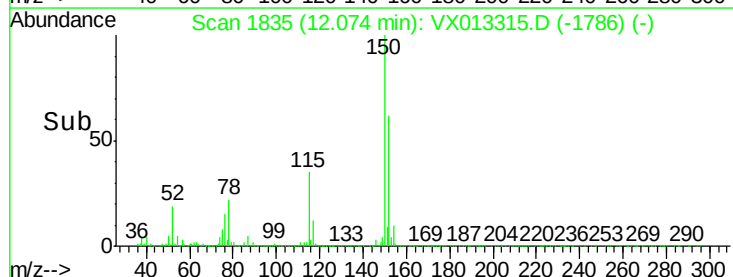
600000

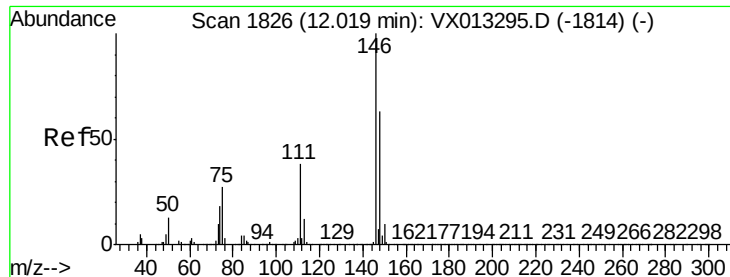
400000

200000

0

Time--> 12.00 12.10

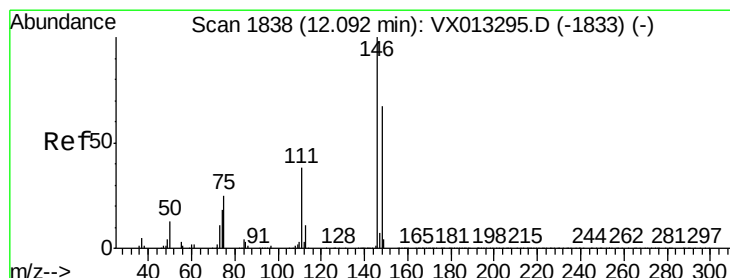
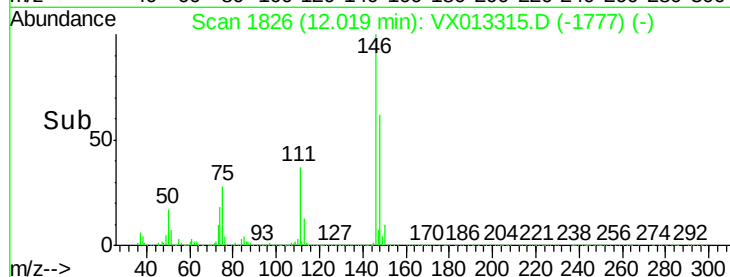
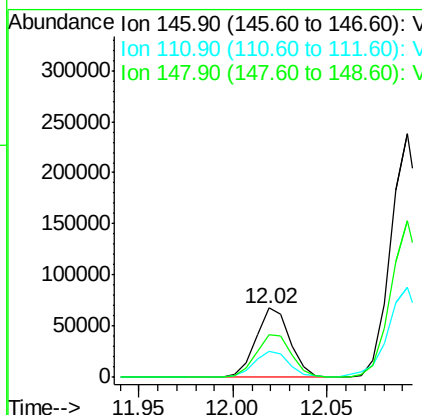
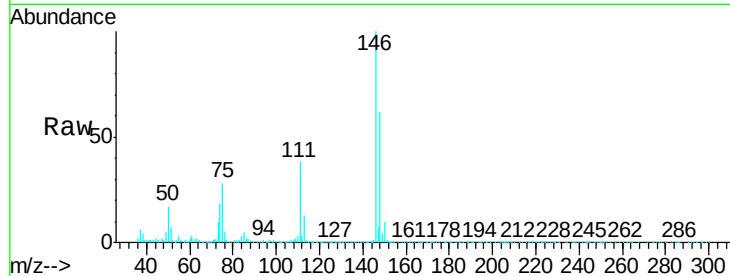




#87
 1,3-Dichlorobenzene
 Concen: 5.545 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX013315.D
 Acq: 01 Nov 2019 16:43

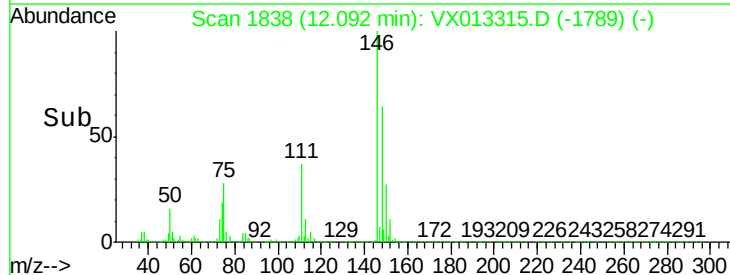
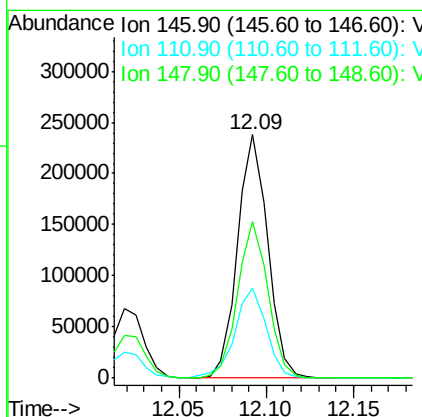
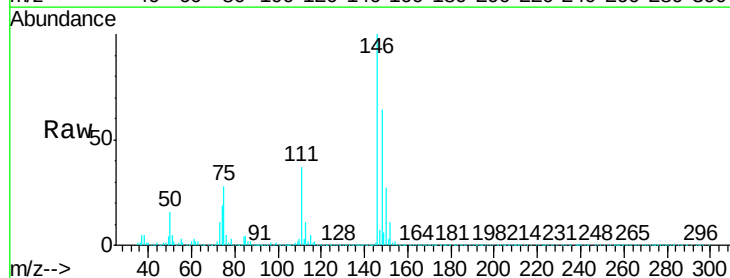
Instrument :
 MSVOA_X
 ClientSampleId :
 SS003MW326R-191031DL

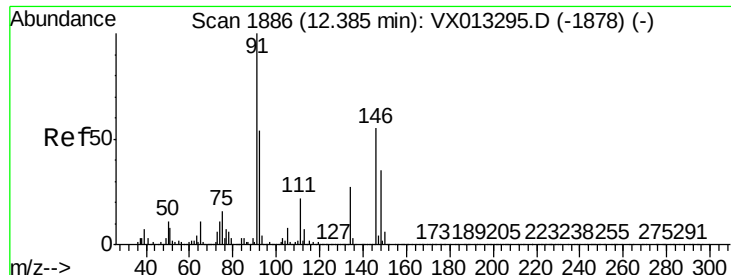
Tgt Ion:146 Resp: 84474
 Ion Ratio Lower Upper
 146 100
 111 38.2 18.9 56.5
 148 64.6 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 18.357 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX013315.D
 Acq: 01 Nov 2019 16:43

Tgt Ion:146 Resp: 284932
 Ion Ratio Lower Upper
 146 100
 111 38.7 18.8 56.4
 148 64.3 32.4 97.0





#91
 1,2-Dichlorobenzene
 Concen: 153.748 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX013315.D
 Acq: 01 Nov 2019 16:43

Instrument :
 MSVOA_X
 ClientSampleId :
 SS003MW326R-191031DL

Tgt Ion:146 Resp: 2341298
 Ion Ratio Lower Upper
 146 100
 111 39.5 20.1 60.2
 148 63.7 32.0 96.0

