

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122619\
 Data File : VX014283.D
 Acq On : 26 Dec 2019 20:37
 Operator : JC/SP
 Sample : K6405-05DL 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 995-MW-11-(15)DL

Quant Time: Dec 27 07:32:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

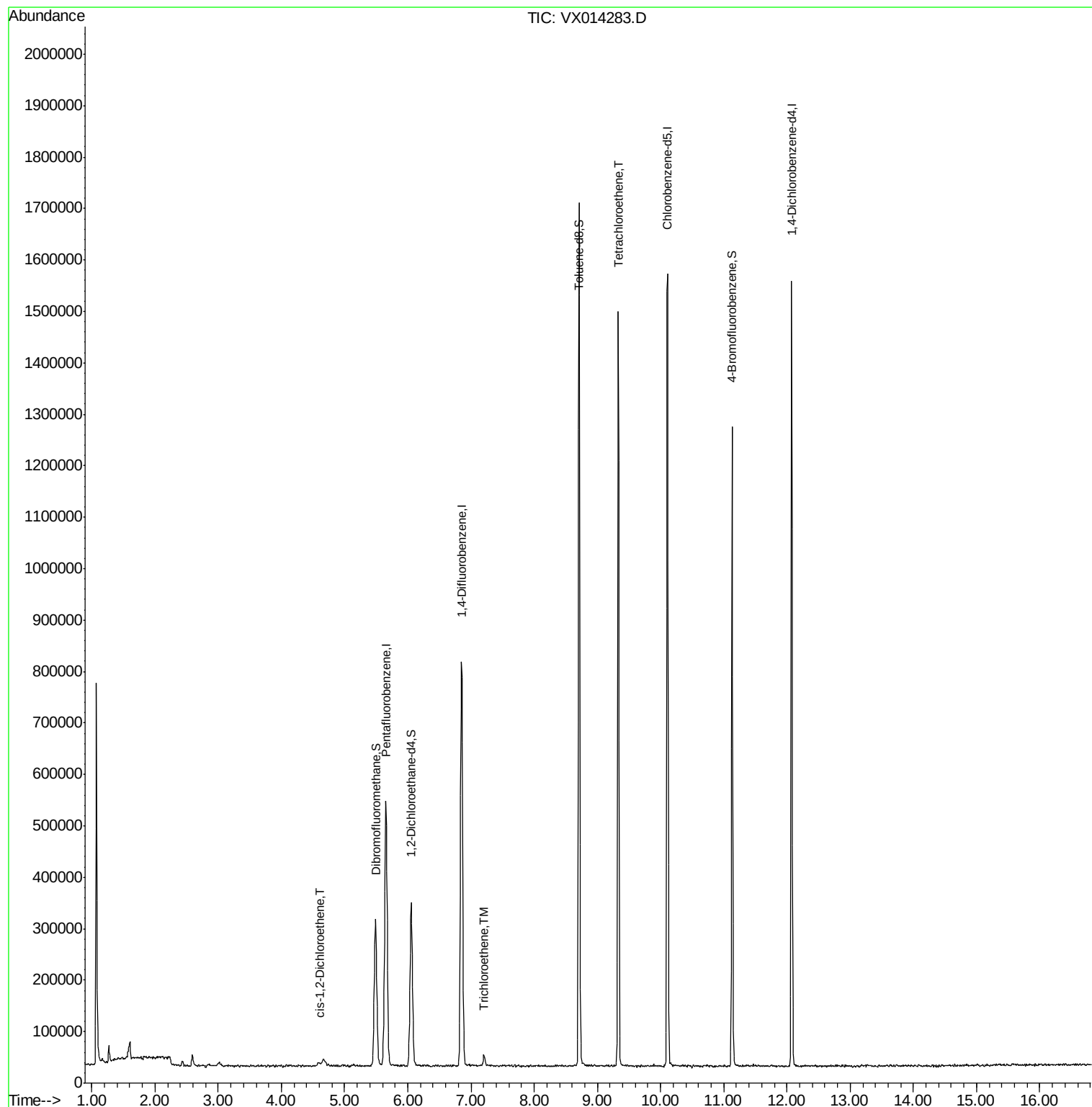
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	530079	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	816484	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	736656	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	320708	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	300079	49.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.90%	
35) Dibromofluoromethane	5.49	113	248434	50.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.10%	
50) Toluene-d8	8.71	98	982658	50.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.70%	
62) 4-Bromofluorobenzene	11.13	95	329402	46.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.26%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.59	96	6125	0.964	ug/l	85
44) Trichloroethene	7.21	130	9225	1.449	ug/l	90
64) Tetrachloroethene	9.33	164	282687	43.367	ug/l	98

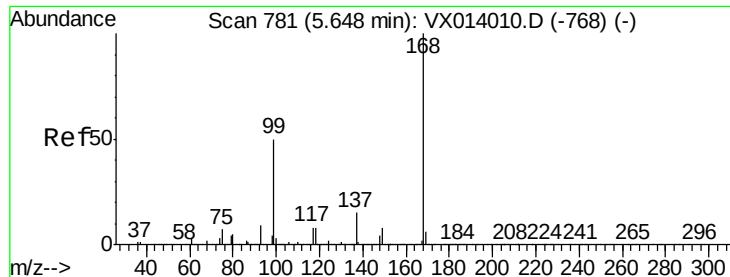
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Dec 17 03:01:07 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX014283.D

Acq: 26 Dec 2019 20:37

Instrument :

MSVOA_X

ClientSampleId :

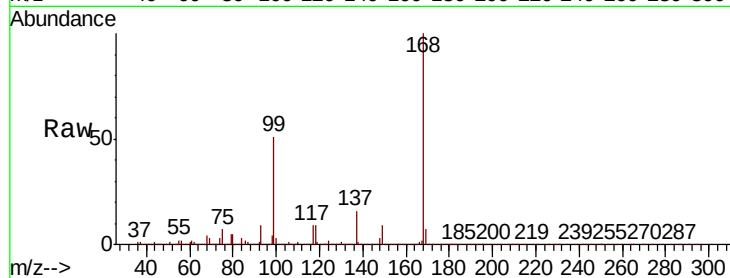
995-MW-11-(15)DL

Tot Ion:168 Resp: 530079

Ion Ratio Lower Upper

168 100

99 51.0 40.3 60.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

200000

150000

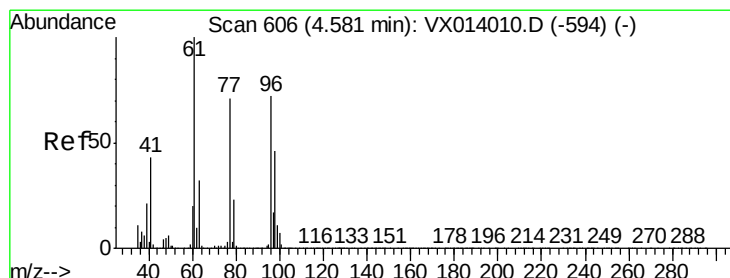
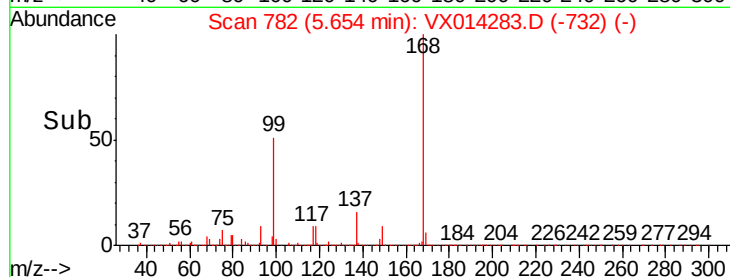
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#27

cis-1,2-Dichloroethene

Concen: 0.964 ug/l

RT: 4.59 min Scan# 608

Delta R.T. 0.01 min

Lab File: VX014283.D

Acq: 26 Dec 2019 20:37

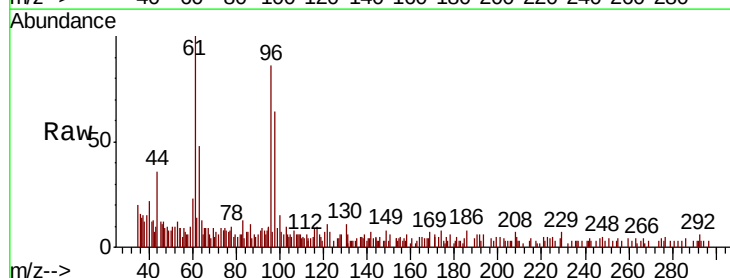
Tgt Ion: 96 Resp: 6125

Ion Ratio Lower Upper

96 100

61 119.6 0.0 288.4

98 60.8 0.0 129.6



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

3000

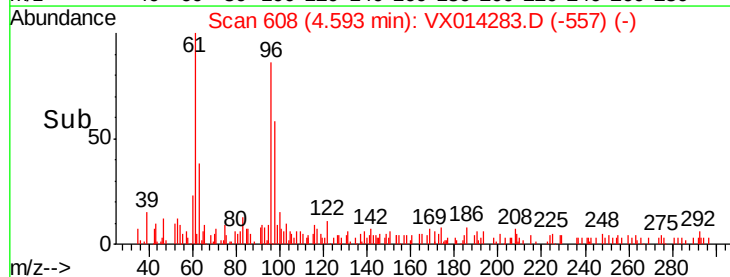
2000

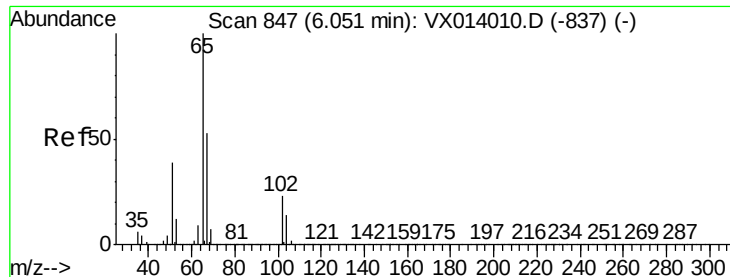
1000

0

Time-->

4.50 4.55 4.60 4.65

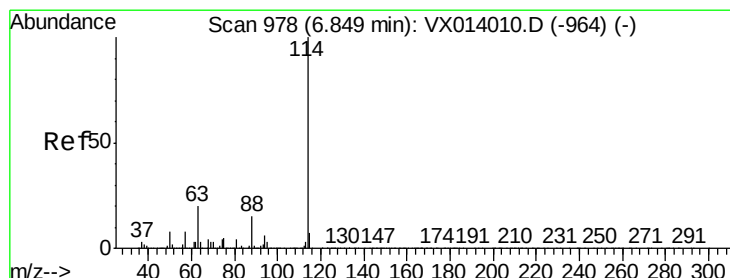
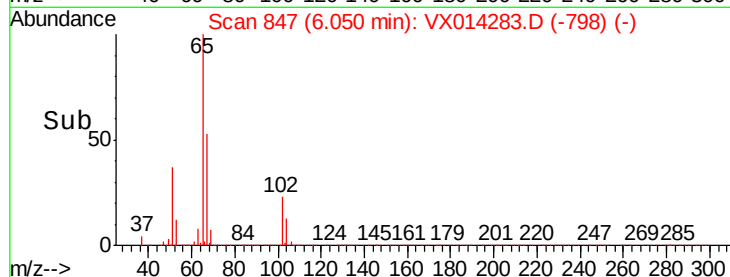
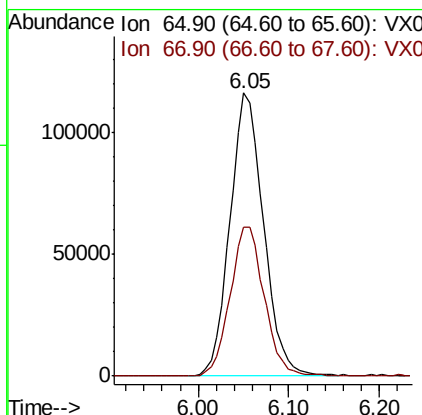
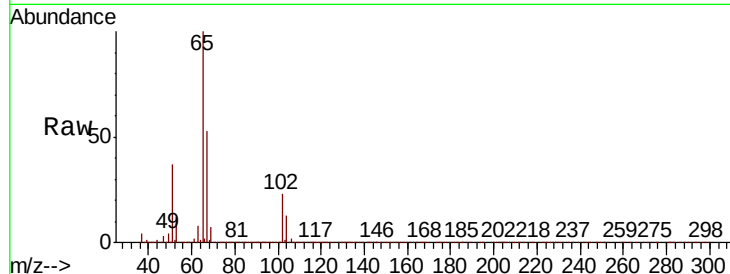




#33
 1,2-Dichloroethane-d4
 Concen: 49.949 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX014283.D
 Acq: 26 Dec 2019 20:37

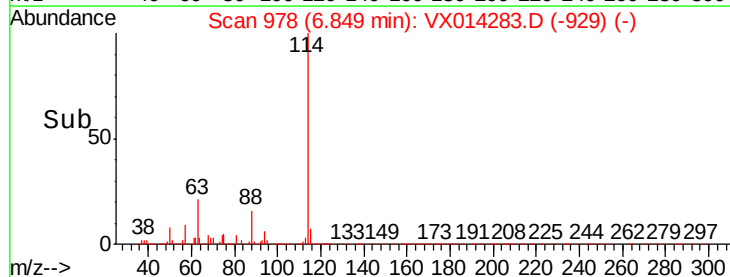
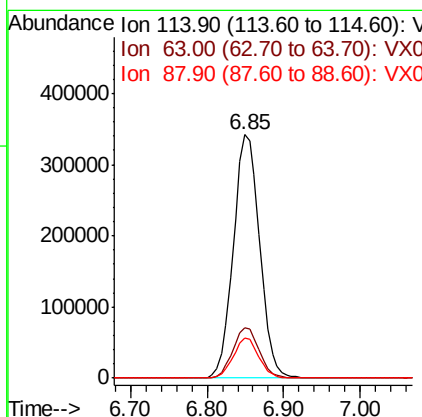
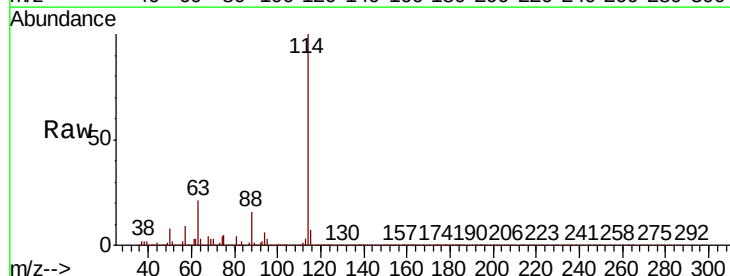
Instrument :
 MSVOA_X
 ClientSampleId :
 995-MW-11-(15)DL

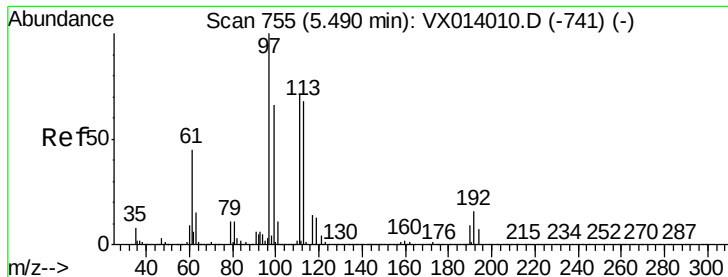
Tot Ion: 65 Resp: 300079
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX014283.D
 Acq: 26 Dec 2019 20:37

Tgt Ion: 114 Resp: 816484
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 40.8
 88 16.2 0.0 30.4





#35

Dibromofluoromethane

Concen: 50.054 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX014283.D

Acq: 26 Dec 2019 20:37

Instrument :

MSVOA_X

ClientSampleId :

995-MW-11-(15)DL

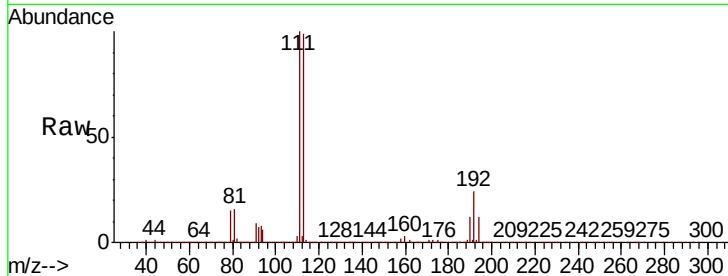
Tot Ion:113 Resp: 248434

Ion Ratio Lower Upper

113 100

111 101.5 82.0 123.0

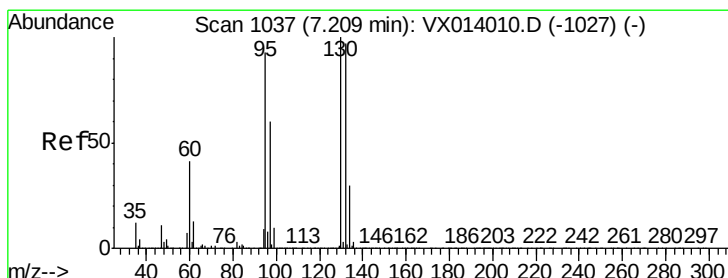
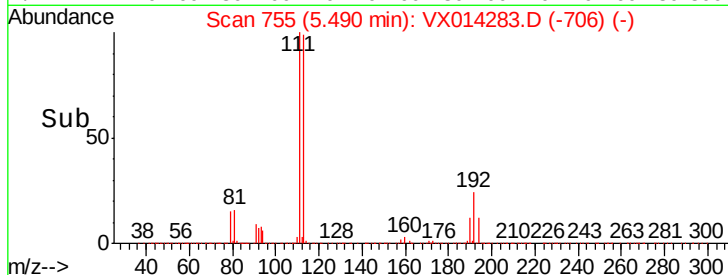
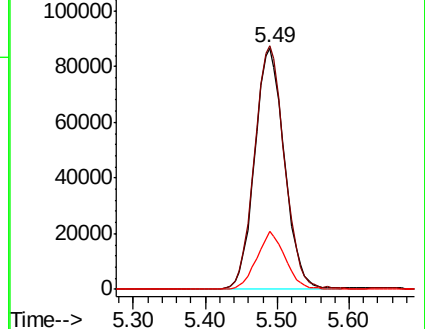
192 22.8 19.3 28.9



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: 1.449 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. -0.00 min

Lab File: VX014283.D

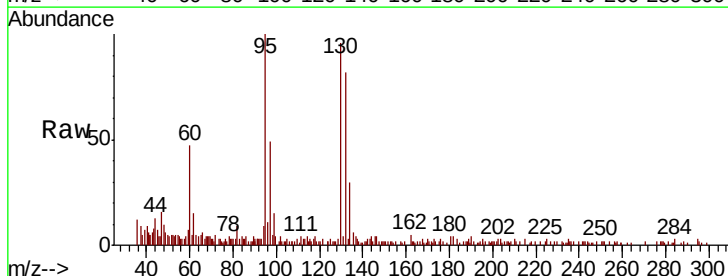
Acq: 26 Dec 2019 20:37

Tgt Ion:130 Resp: 9225

Ion Ratio Lower Upper

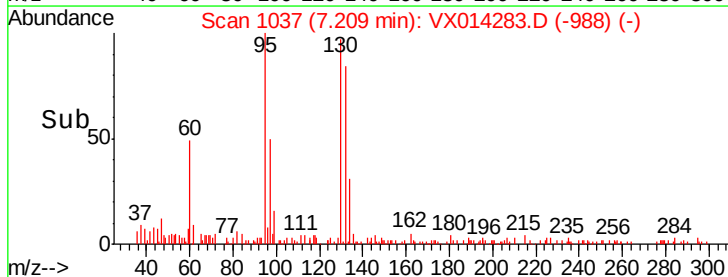
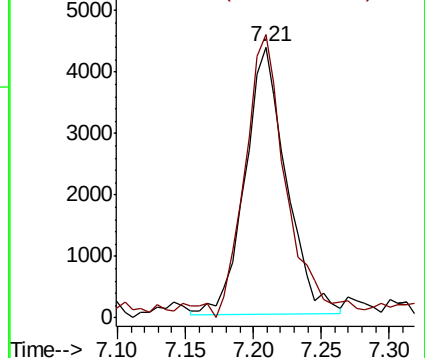
130 100

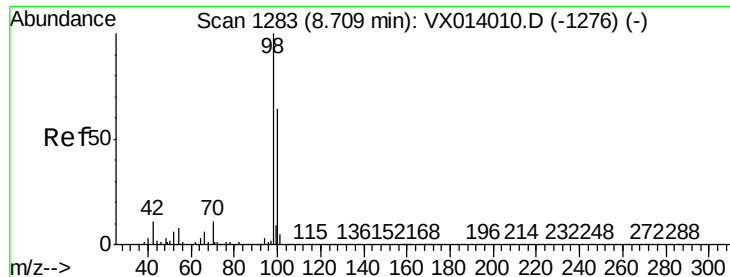
95 102.6 0.0 185.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): V





#50

Toluene-d8

Concen: 50.853 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX014283.D

Acq: 26 Dec 2019 20:37

Instrument :

MSVOA_X

ClientSampleId :

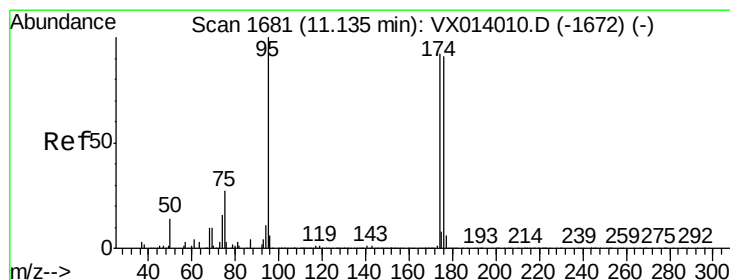
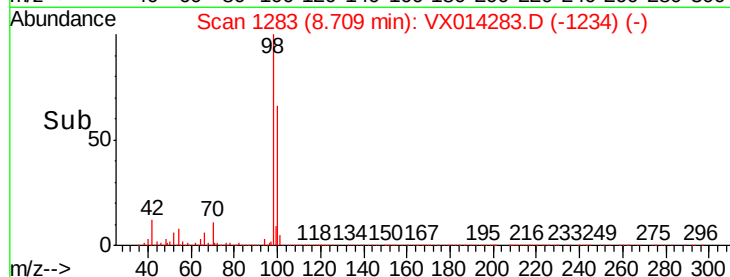
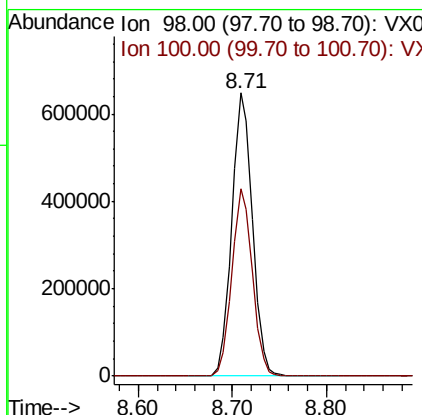
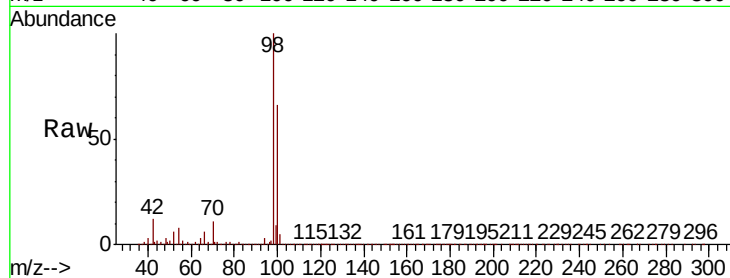
995-MW-11-(15)DL

Tot Ion: 98 Resp: 982658

Ion Ratio Lower Upper

98 100

100 65.9 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 46.634 ug/l

RT: 11.13 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX014283.D

Acq: 26 Dec 2019 20:37

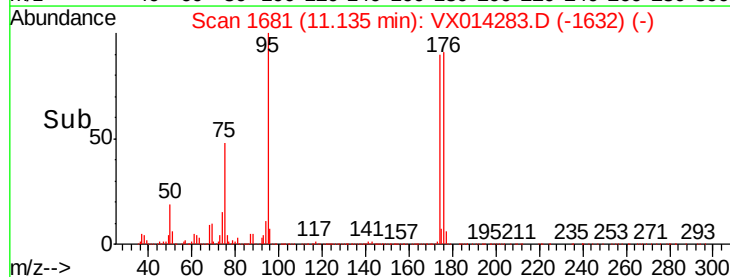
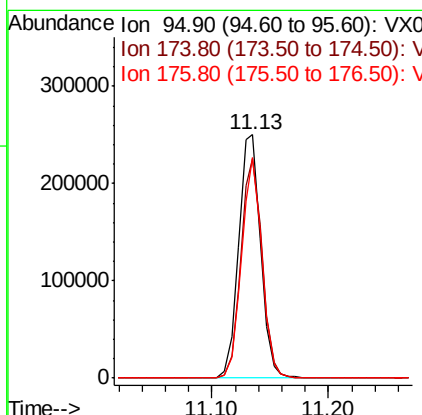
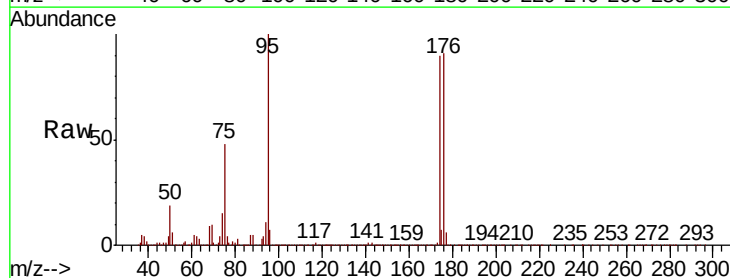
Tgt Ion: 95 Resp: 329402

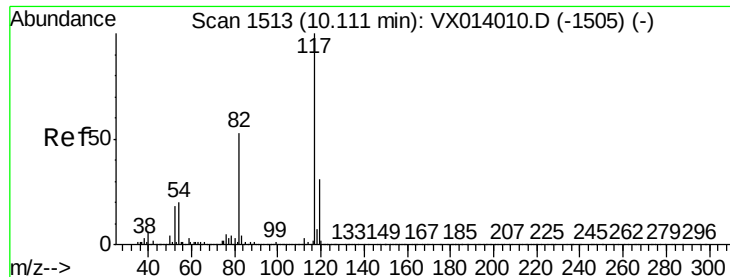
Ion Ratio Lower Upper

95 100

174 87.5 0.0 175.8

176 84.5 0.0 173.0

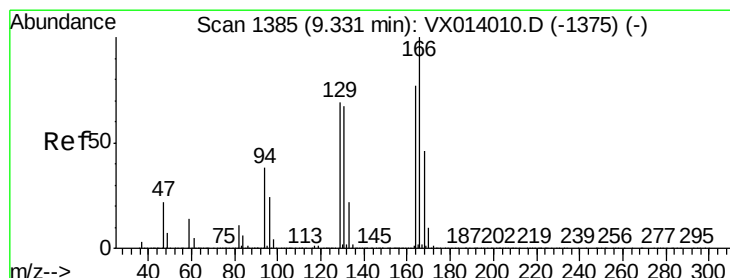
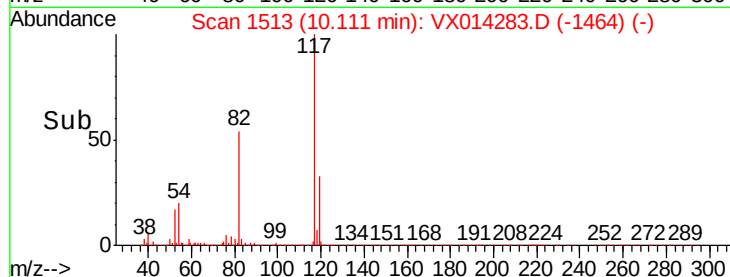
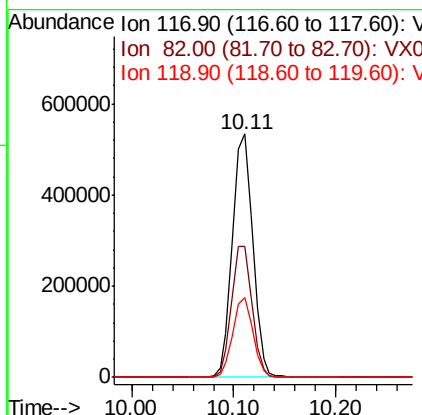
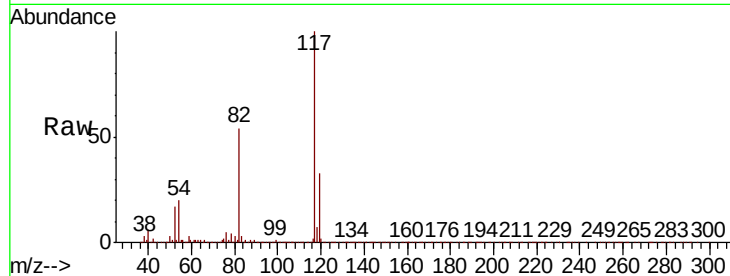




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX014283.D
Acq: 26 Dec 2019 20:37

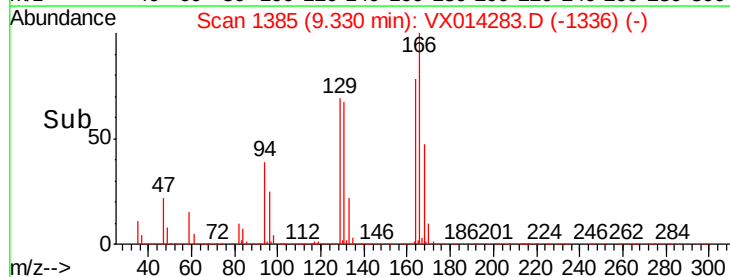
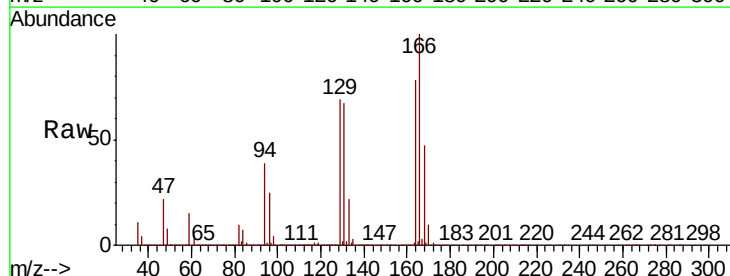
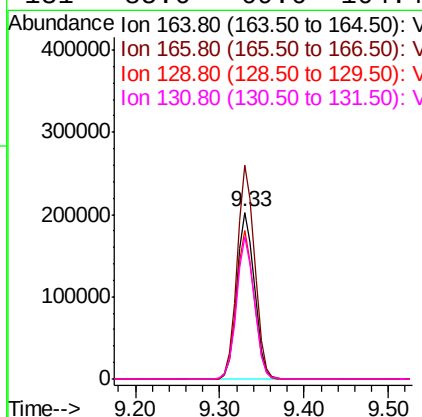
Instrument :
MSVOA_X
ClientSampleId :
995-MW-11-(15)DL

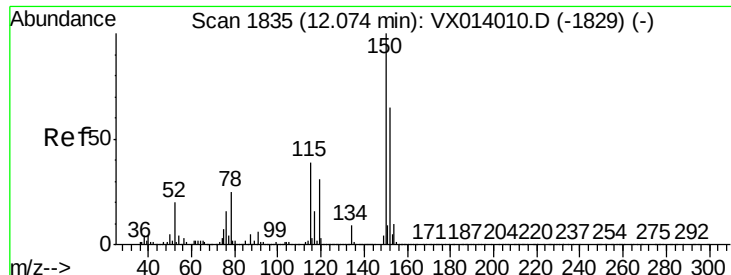
Tot Ion	Ratio	Lower	Upper
117	100		
82	54.0	42.2	63.4
119	33.0	25.1	37.7



#64
Tetrachloroethene
Concen: 43.367 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX014283.D
Acq: 26 Dec 2019 20:37

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.1	104.0	156.0
129	88.9	72.2	108.4
131	85.6	69.6	104.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX014283.D

Acq: 26 Dec 2019 20:37

Instrument :

MSVOA_X

ClientSampleId :

995-MW-11-(15)DL

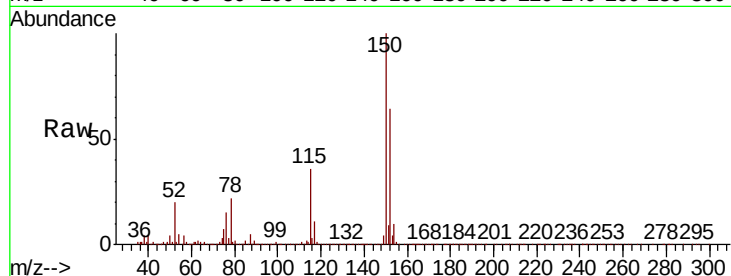
Tot Ion:152 Resp: 320708

Ion Ratio Lower Upper

152 100

115 56.3 38.3 114.9

150 157.4 0.0 345.4



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

