

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122419\
 Data File : VX014253.D
 Acq On : 24 Dec 2019 18:21
 Operator : JC/SP
 Sample : K6405-09
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 997-MW-16-(22.5)

Quant Time: Dec 26 14:30:05 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

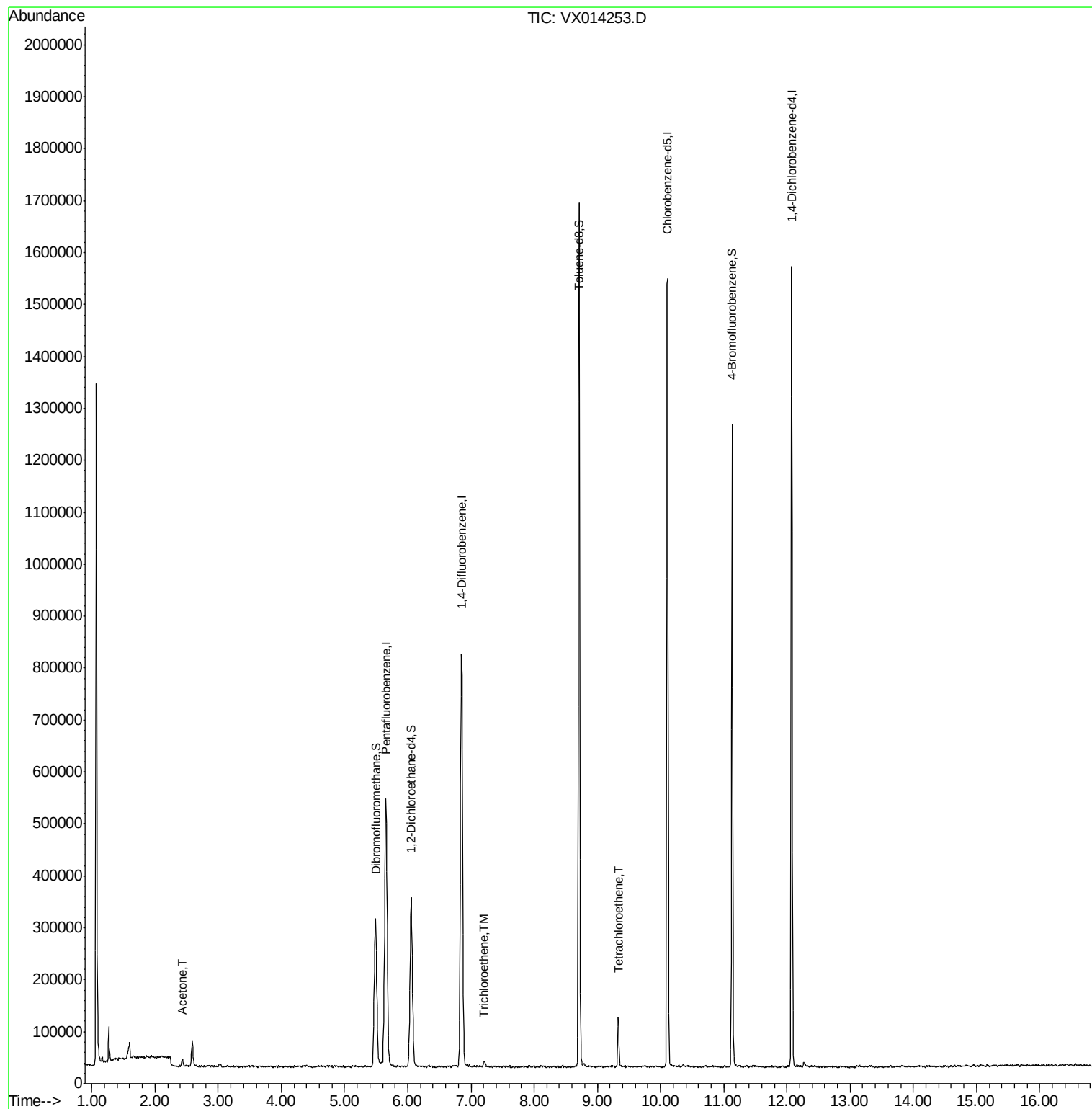
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	542420	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	827933	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	740930	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	325329	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	297409	48.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.76%	
35) Dibromofluoromethane	5.49	113	243461	48.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.74%	
50) Toluene-d8	8.71	98	976350	49.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.66%	
62) 4-Bromofluorobenzene	11.13	95	326607	45.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.20%	
Target Compounds						
16) Acetone	2.44	43	15465	3.875	ug/l	92
44) Trichloroethene	7.20	130	5036	0.780	ug/l	71
64) Tetrachloroethene	9.33	164	19772	3.016	ug/l	95

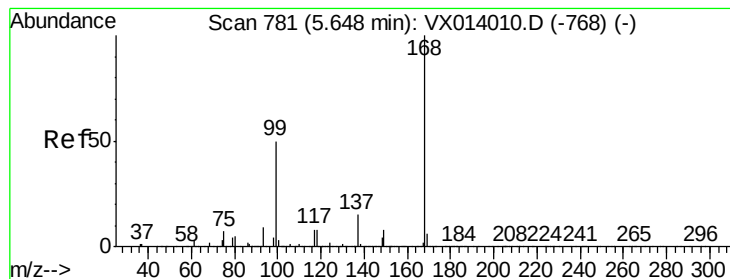
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX014253.D

Acq: 24 Dec 2019 18:21

Instrument :

MSVOA_X

ClientSampleId :

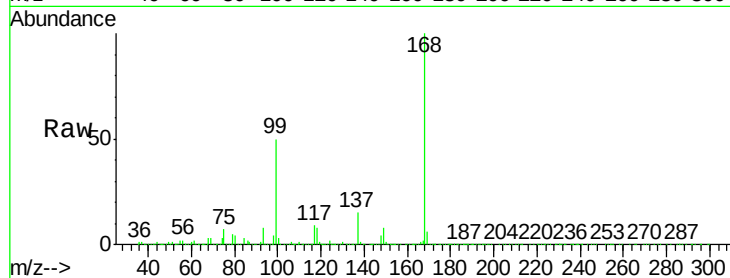
997-MW-16-(22.5)

Tot Ion:168 Resp: 542420

Ion Ratio Lower Upper

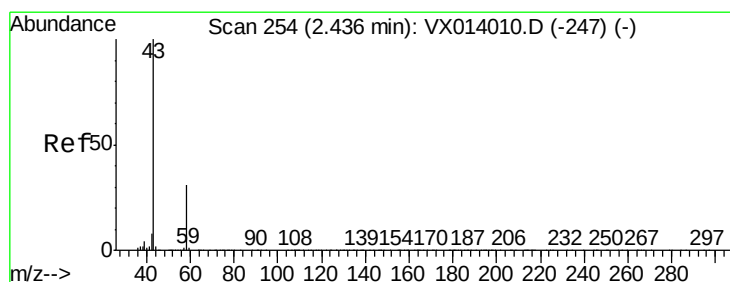
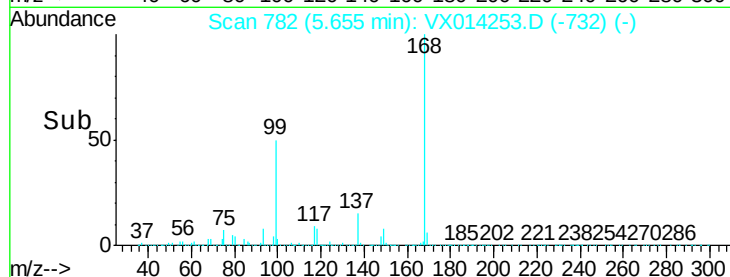
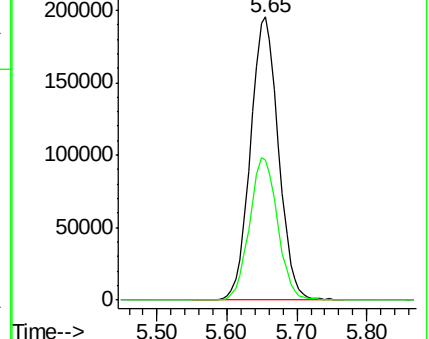
168 100

99 49.5 40.3 60.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 3.875 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.00 min

Lab File: VX014253.D

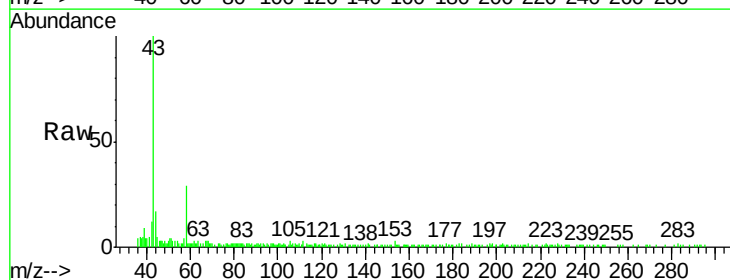
Acq: 24 Dec 2019 18:21

Tgt Ion: 43 Resp: 15465

Ion Ratio Lower Upper

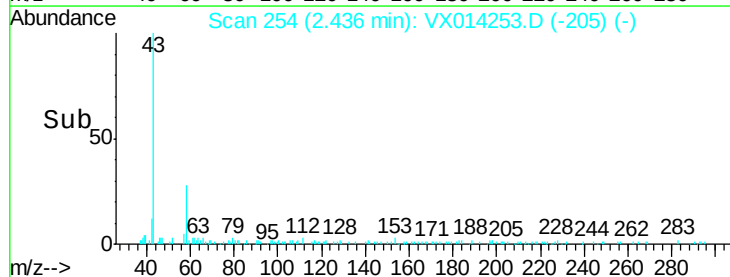
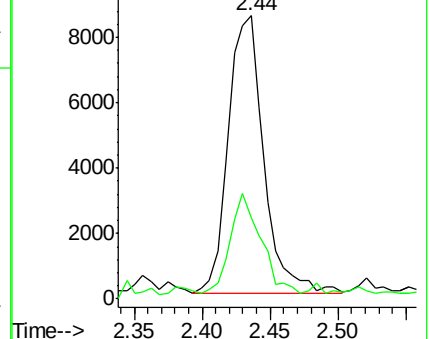
43 100

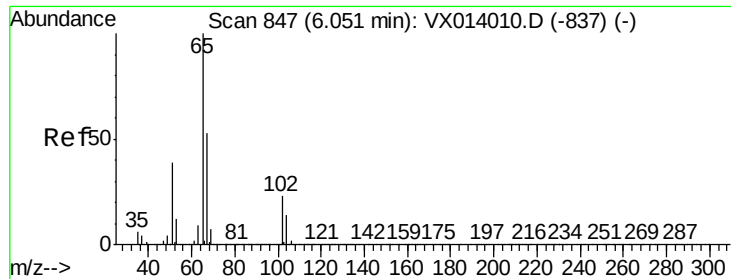
58 26.9 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#33

1,2-Dichloroethane-d4

Concen: 48.378 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.01 min

Lab File: VX014253.D

Acq: 24 Dec 2019 18:21

Instrument :

MSVOA_X

ClientSampleId :

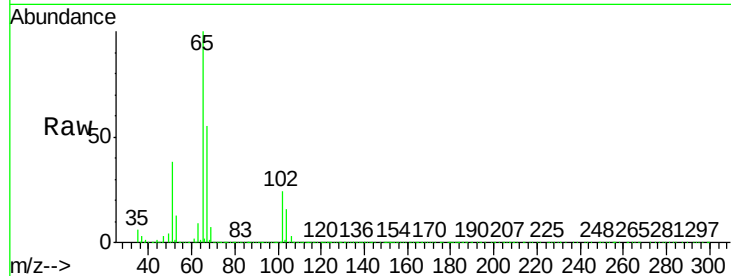
997-MW-16-(22.5)

Tot Ion: 65 Resp: 297409

Ion Ratio Lower Upper

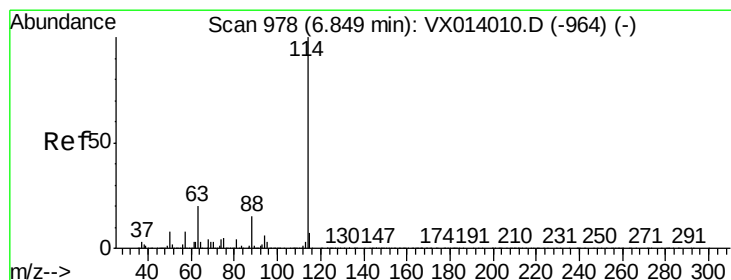
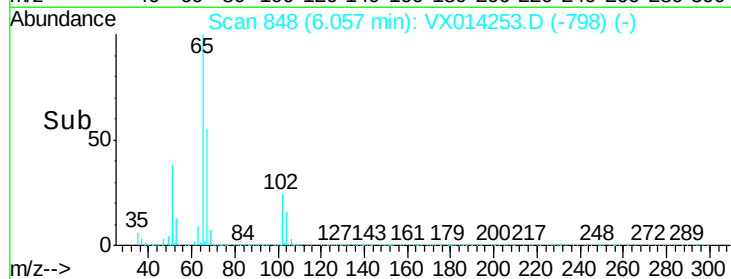
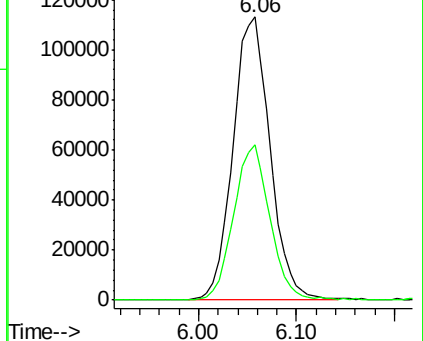
65 100

67 52.8 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014253.D

Acq: 24 Dec 2019 18:21

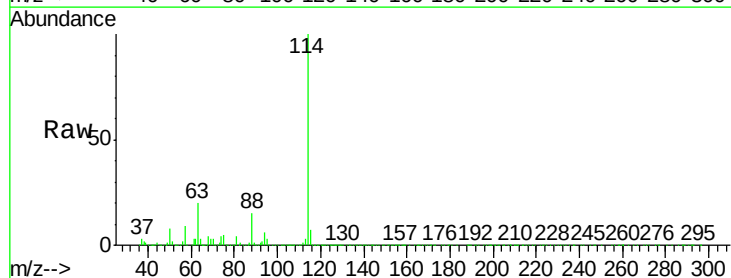
Tgt Ion: 114 Resp: 827933

Ion Ratio Lower Upper

114 100

63 19.4 0.0 40.8

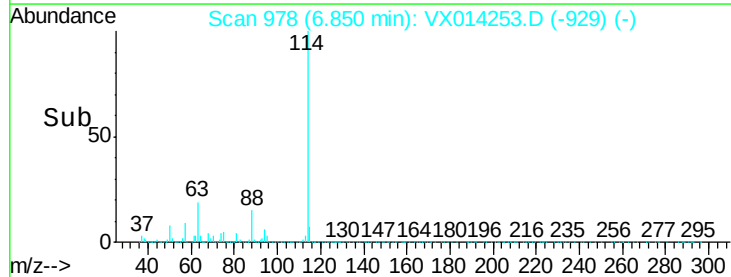
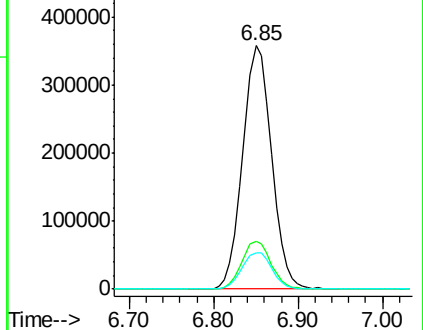
88 15.1 0.0 30.4

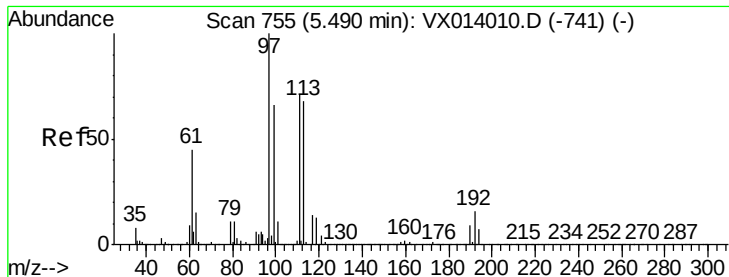


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 48.374 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX014253.D

Acq: 24 Dec 2019 18:21

Instrument :

MSVOA_X

ClientSampleId :

997-MW-16-(22.5)

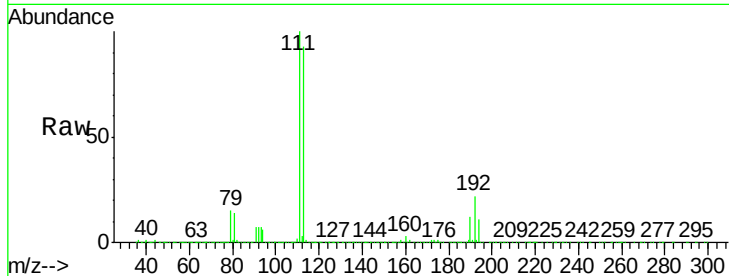
Tot Ion:113 Resp: 243461

Ion Ratio Lower Upper

113 100

111 104.0 82.0 123.0

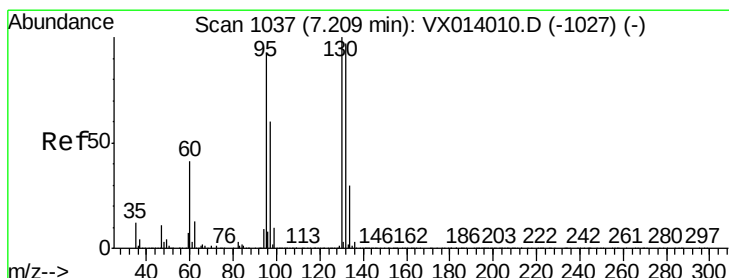
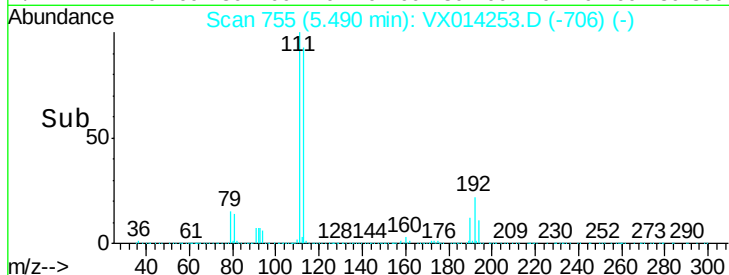
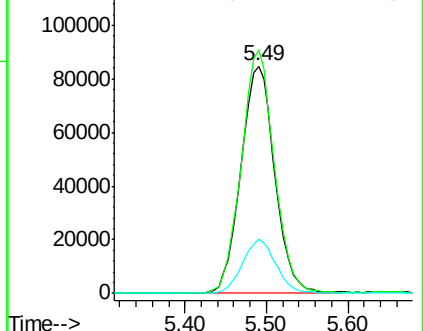
192 23.6 19.3 28.9



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: 0.780 ug/l

RT: 7.20 min Scan# 1035

Delta R.T. -0.01 min

Lab File: VX014253.D

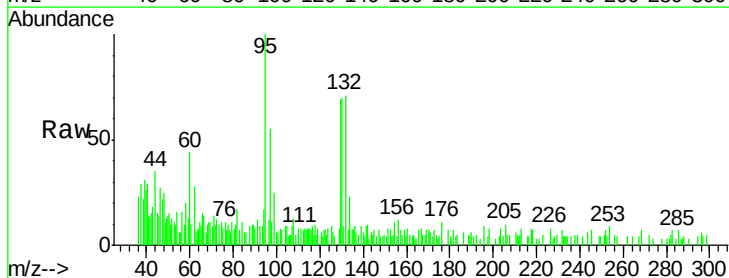
Acq: 24 Dec 2019 18:21

Tgt Ion:130 Resp: 5036

Ion Ratio Lower Upper

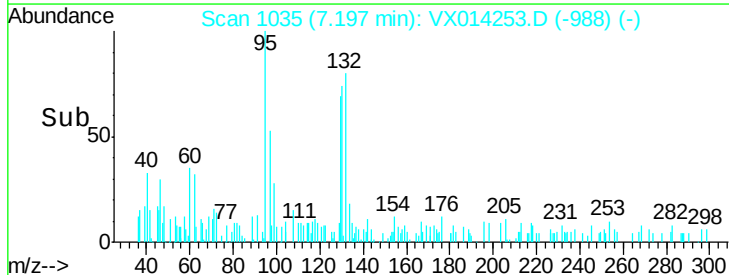
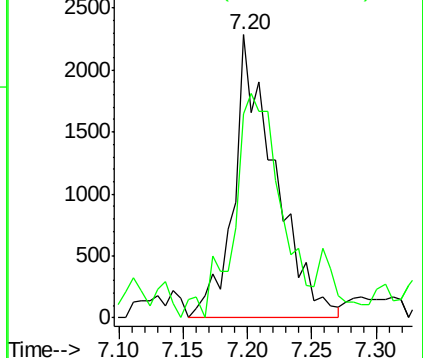
130 100

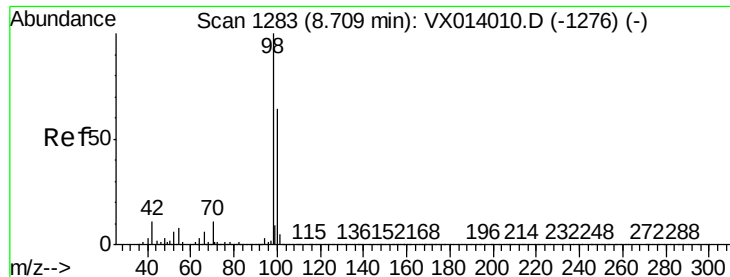
95 65.4 0.0 185.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#50

Toluene-d8

Concen: 49.828 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014253.D

Acq: 24 Dec 2019 18:21

Instrument :

MSVOA_X

ClientSampleId :

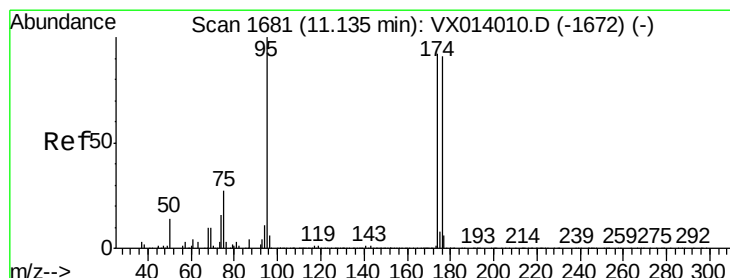
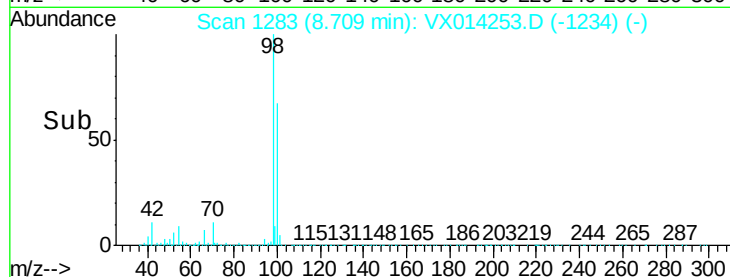
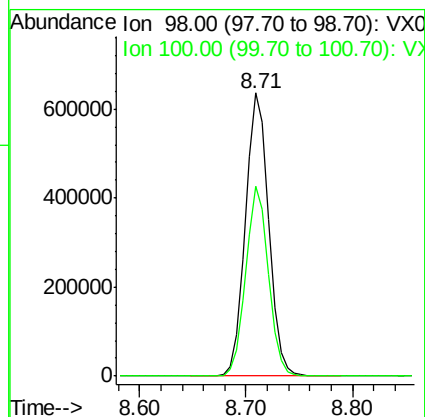
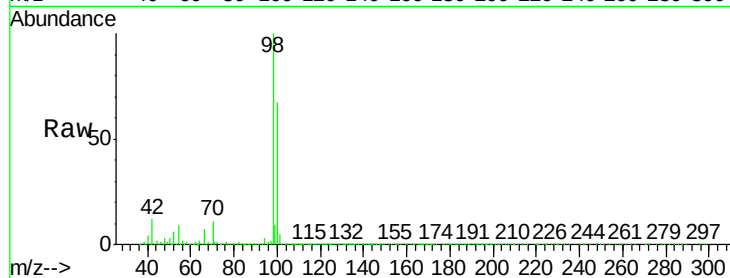
997-MW-16-(22.5)

Tot Ion: 98 Resp: 976350

Ion Ratio Lower Upper

98 100

100 65.6 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 45.599 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014253.D

Acq: 24 Dec 2019 18:21

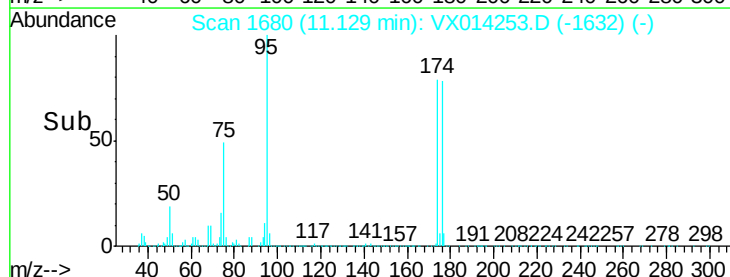
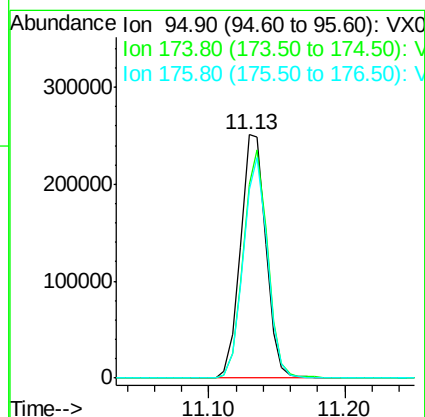
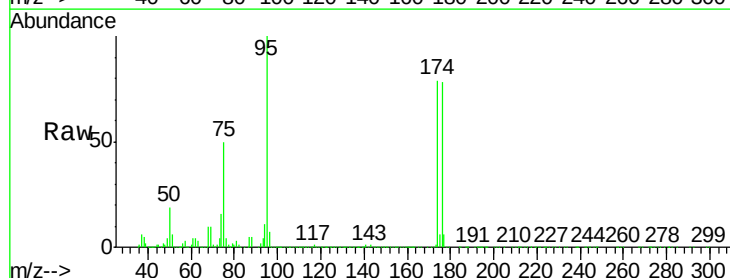
Tgt Ion: 95 Resp: 326607

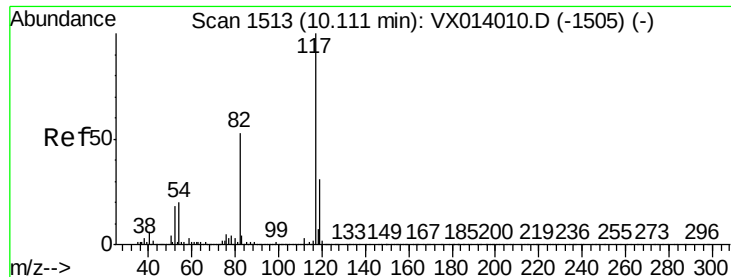
Ion Ratio Lower Upper

95 100

174 89.7 0.0 175.8

176 86.5 0.0 173.0

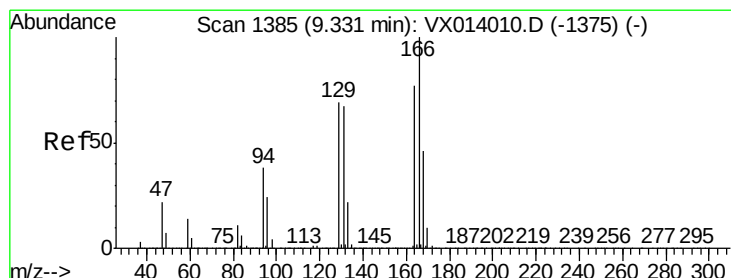
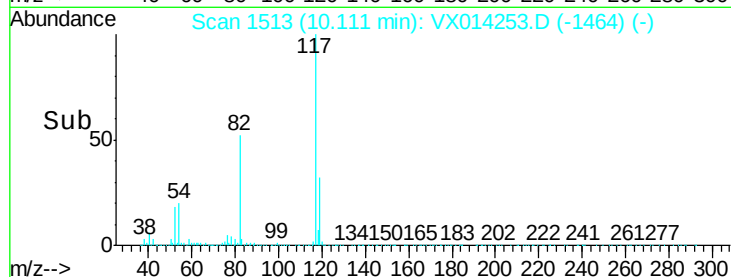
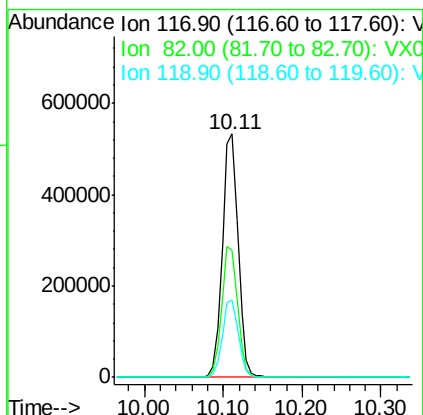
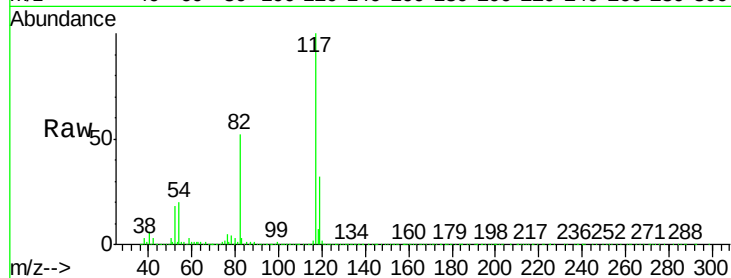




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014253.D
Acq: 24 Dec 2019 18:21

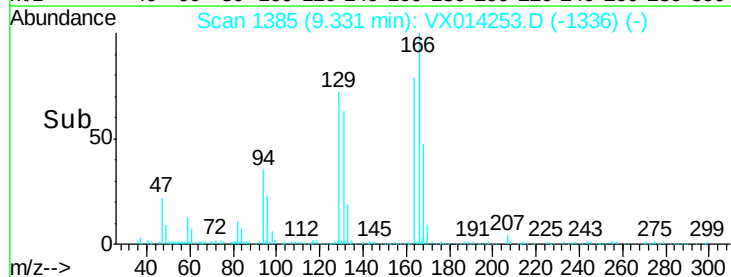
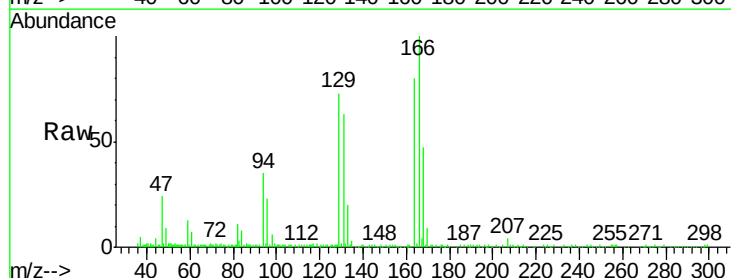
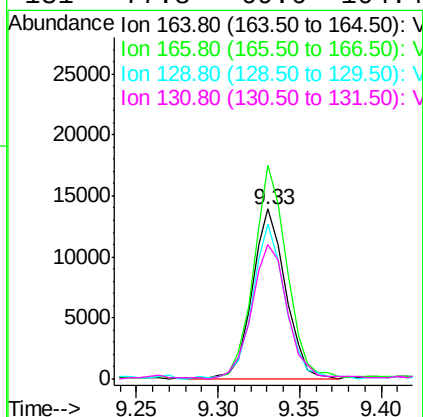
Instrument :
MSVOA_X
ClientSampleId :
997-MW-16-(22.5)

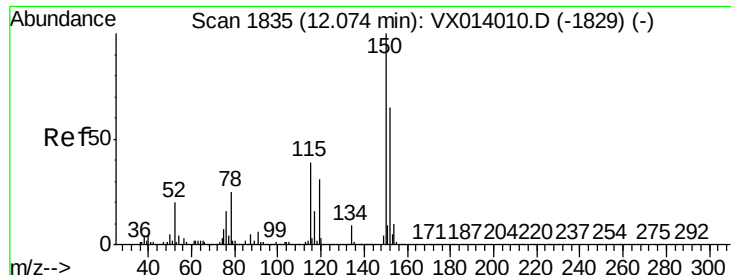
Tot Ion	Ratio	Lower	Upper
117	100		
82	52.4	42.2	63.4
119	31.9	25.1	37.7



#64
Tetrachloroethene
Concen: 3.016 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014253.D
Acq: 24 Dec 2019 18:21

Tgt Ion	Ratio	Lower	Upper
164	100		
166	124.8	104.0	156.0
129	90.7	72.2	108.4
131	77.8	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: VX014253.D

Acq: 24 Dec 2019 18:21

Instrument :

MSVOA_X

ClientSampleId :

997-MW-16-(22.5)

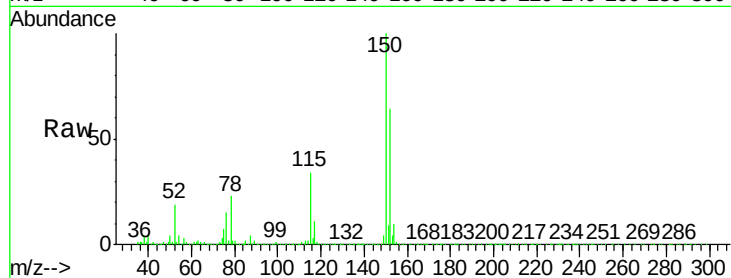
Tot Ion:152 Resp: 325329

Ion Ratio Lower Upper

152 100

115 55.2 38.3 114.9

150 155.8 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

