

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122619\
 Data File : VX014281.D
 Acq On : 26 Dec 2019 19:50
 Operator : JC/SP
 Sample : K6405-01DL 20X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 991-MW-01-(23)DL

Quant Time: Dec 27 07:26:58 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

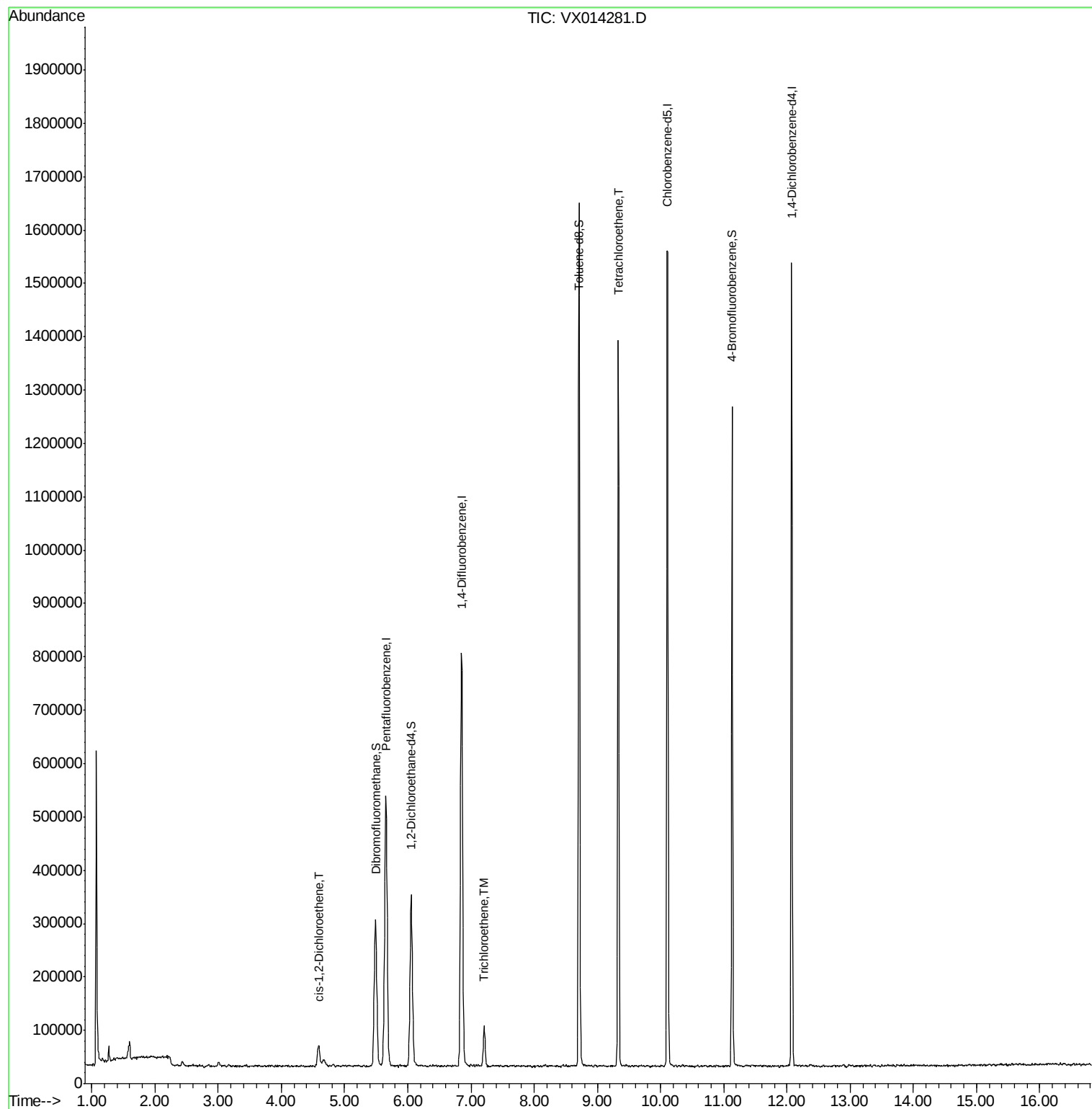
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	525064	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	807481	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	734095	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	319659	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	294060	49.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.82%	
35) Dibromofluoromethane	5.49	113	240899	49.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.16%	
50) Toluene-d8	8.71	98	970563	50.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.58%	
62) 4-Bromofluorobenzene	11.14	95	323745	46.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.68%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.59	96	25576	4.064	ug/l	93
44) Trichloroethene	7.21	130	30352	4.820	ug/l	96
64) Tetrachloroethene	9.33	164	267655	41.204	ug/l	99

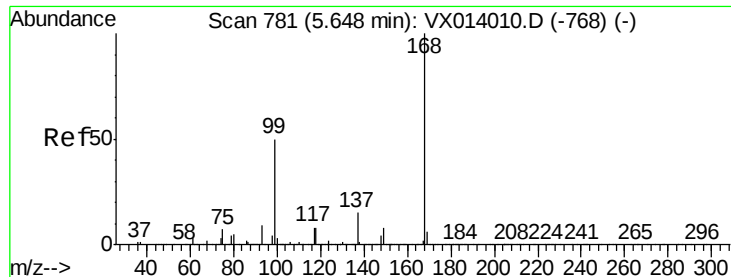
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX014281.D

Acq: 26 Dec 2019 19:50

Instrument :

MSVOA_X

ClientSampleId :

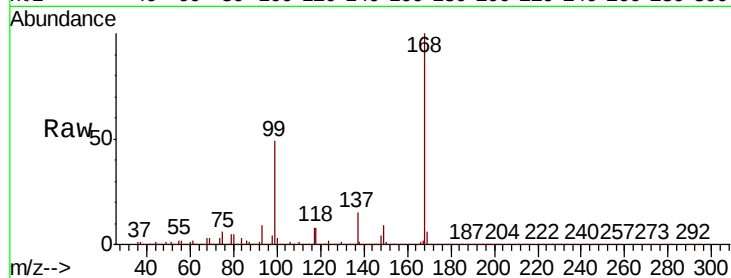
991-MW-01-(23)DL

Tot Ion:168 Resp: 525064

Ion Ratio Lower Upper

168 100

99 49.2 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

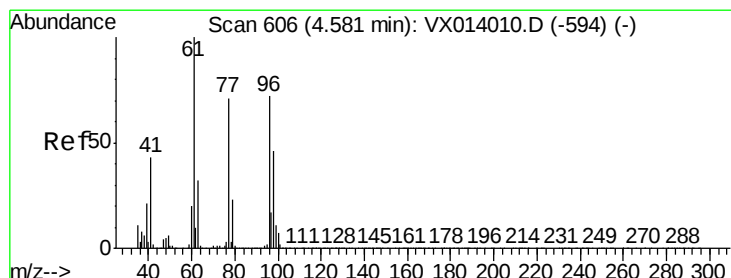
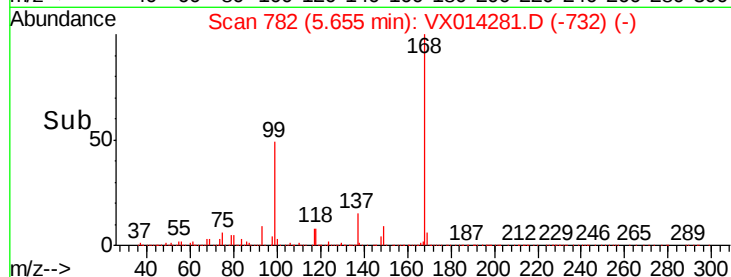
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#27

cis-1,2-Dichloroethene

Concen: 4.064 ug/l

RT: 4.59 min Scan# 608

Delta R.T. 0.01 min

Lab File: VX014281.D

Acq: 26 Dec 2019 19:50

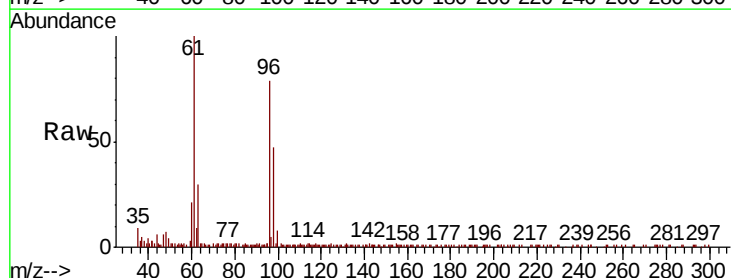
Tgt Ion: 96 Resp: 25576

Ion Ratio Lower Upper

96 100

61 135.0 0.0 288.4

98 69.1 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

15000

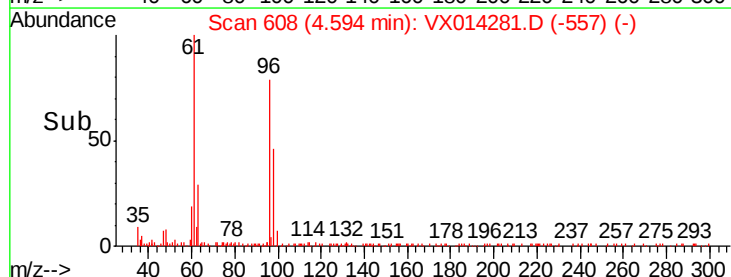
10000

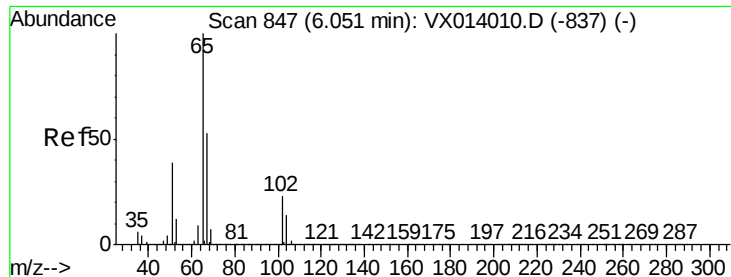
5000

0

Time-->

4.50 4.55 4.60 4.65





#33

1,2-Dichloroethane-d4

Concen: 49.415 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014281.D

Acq: 26 Dec 2019 19:50

Instrument :

MSVOA_X

ClientSampleId :

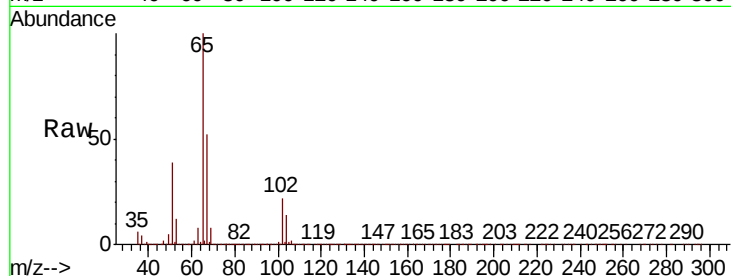
991-MW-01-(23)DL

Tot Ion: 65 Resp: 294060

Ion Ratio Lower Upper

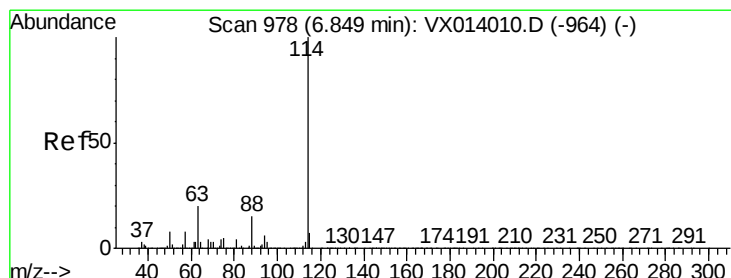
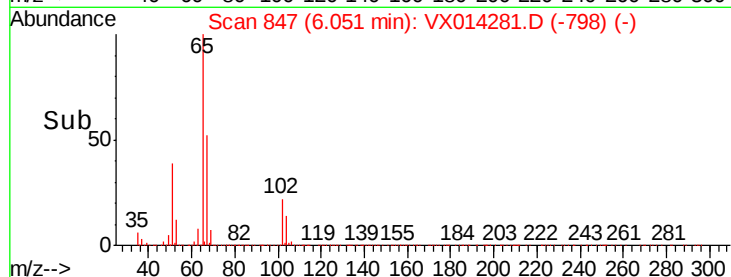
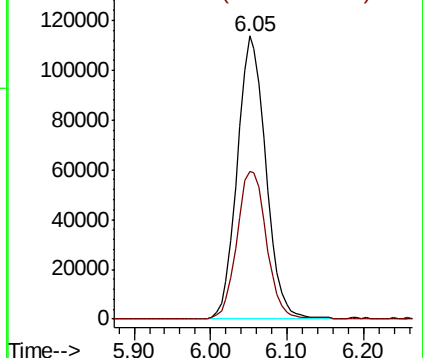
65 100

67 53.6 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: VX014281.D

Acq: 26 Dec 2019 19:50

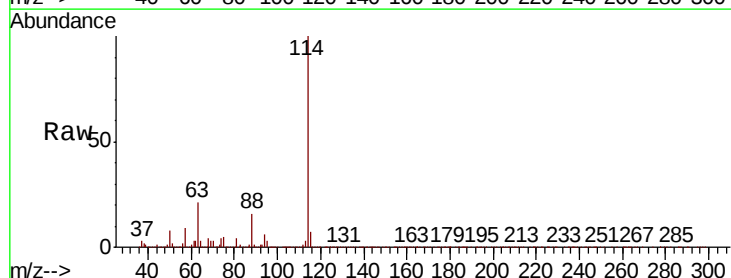
Tgt Ion: 114 Resp: 807481

Ion Ratio Lower Upper

114 100

63 20.7 0.0 40.8

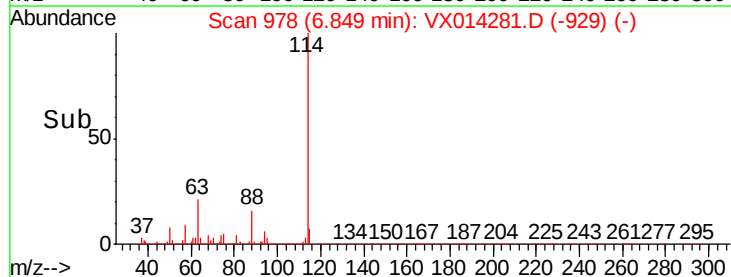
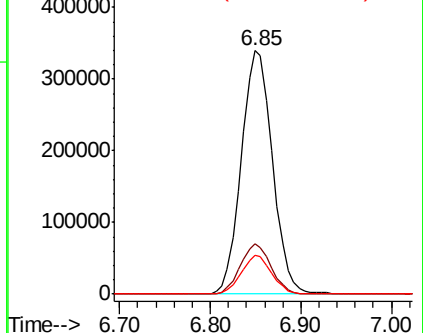
88 15.9 0.0 30.4

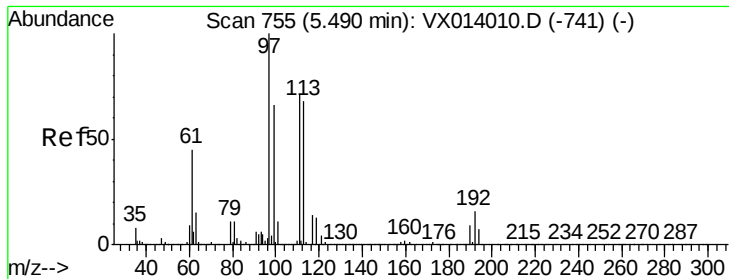


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

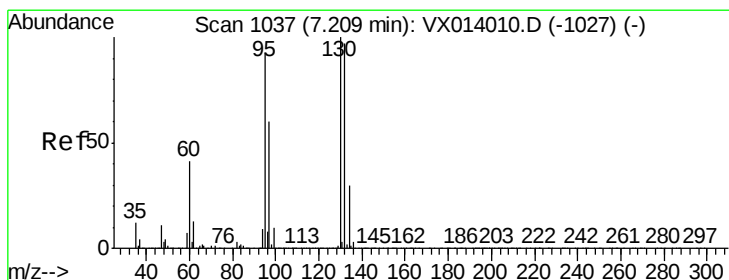
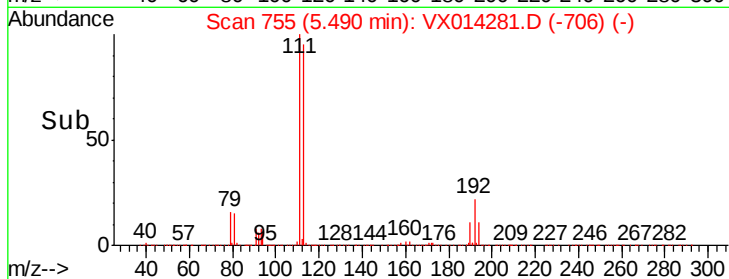
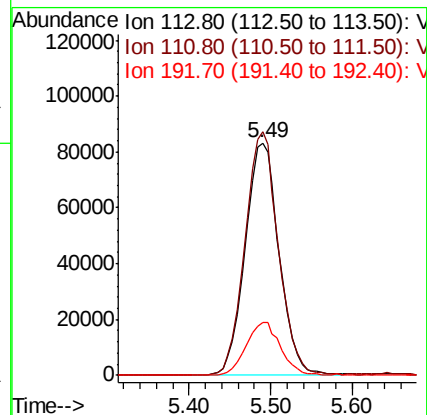
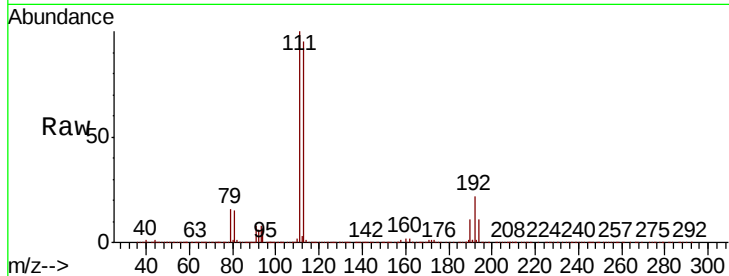




#35
Dibromofluoromethane
Concen: 49.077 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX014281.D
Acq: 26 Dec 2019 19:50

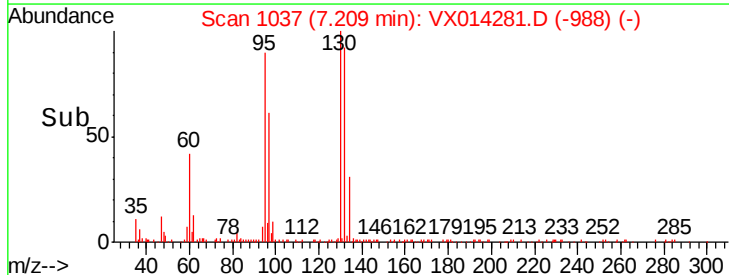
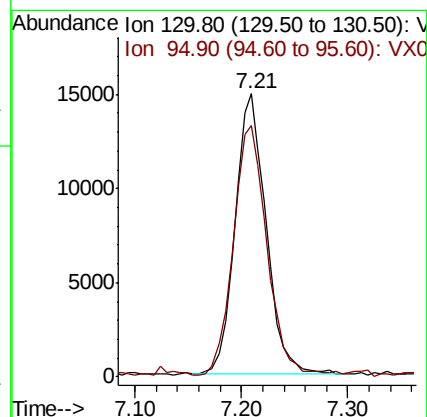
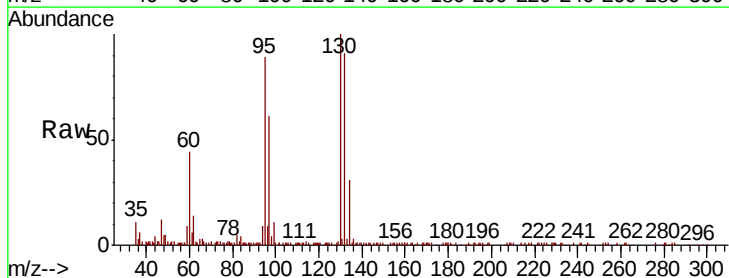
Instrument :
MSVOA_X
ClientSampleId :
991-MW-01-(23)DL

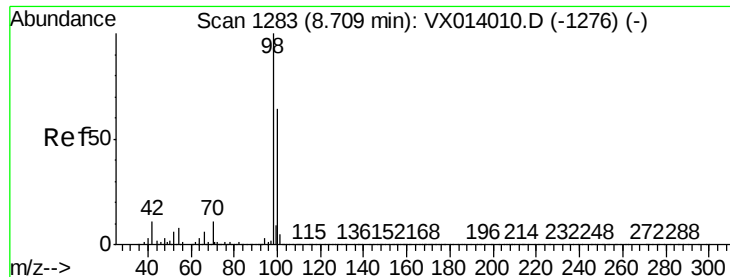
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.0	123.0
192	23.3	19.3	28.9



#44
Trichloroethene
Concen: 4.820 ug/l
RT: 7.21 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VX014281.D
Acq: 26 Dec 2019 19:50

Tgt Ion	Ratio	Lower	Upper
130	100		
95	89.2	0.0	185.6





#50

Toluene-d8

Concen: 50.787 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014281.D

Acq: 26 Dec 2019 19:50

Instrument :

MSVOA_X

ClientSampleId :

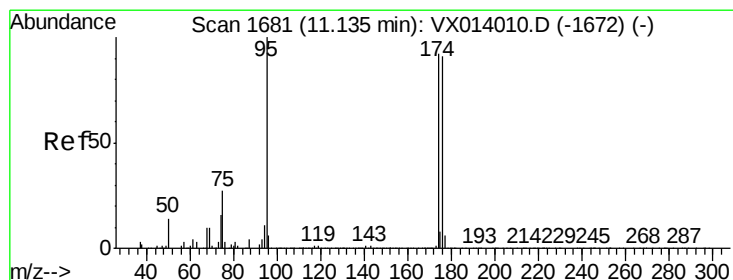
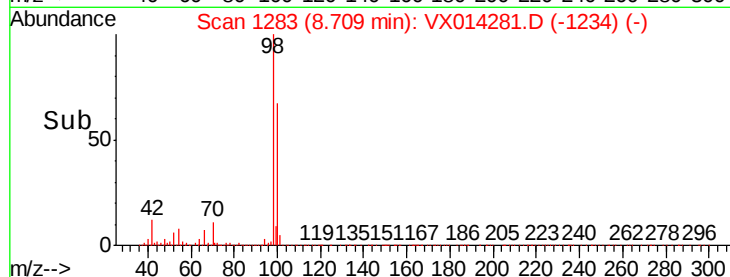
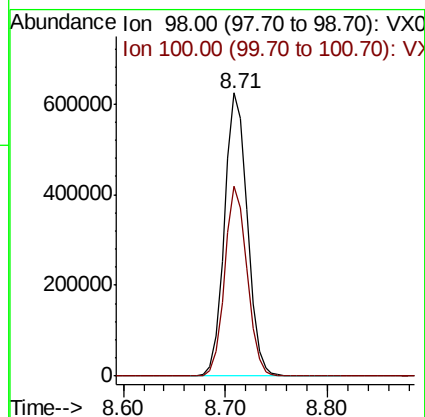
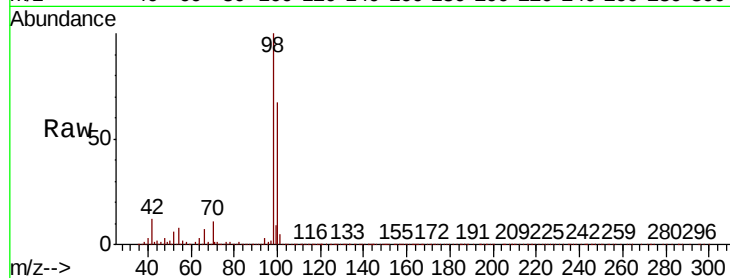
991-MW-01-(23)DL

Tot Ion: 98 Resp: 970563

Ion Ratio Lower Upper

98 100

100 65.6 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 46.344 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX014281.D

Acq: 26 Dec 2019 19:50

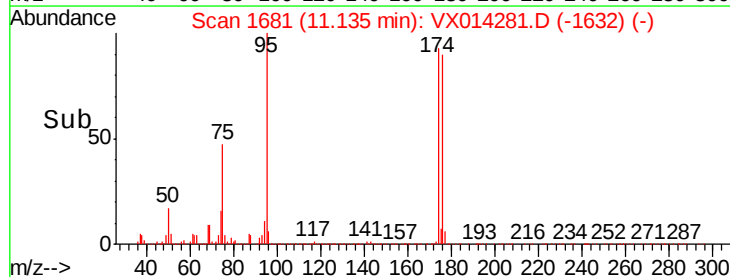
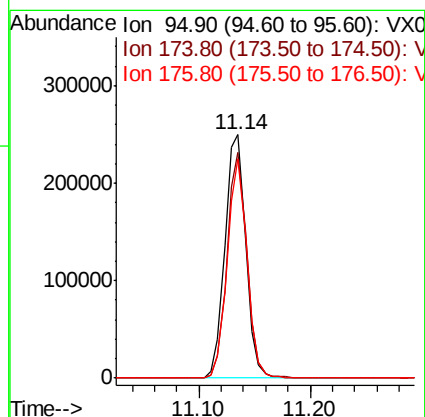
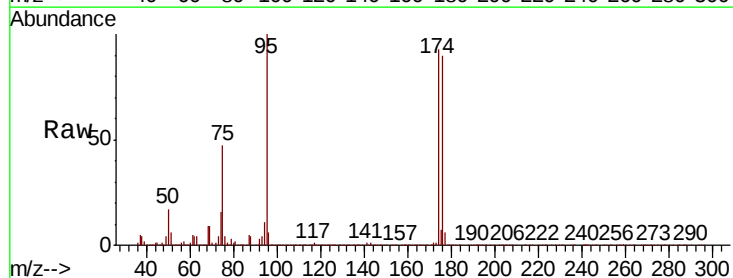
Tgt Ion: 95 Resp: 323745

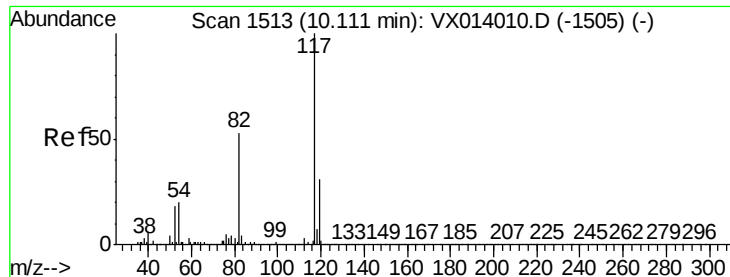
Ion Ratio Lower Upper

95 100

174 88.3 0.0 175.8

176 85.3 0.0 173.0

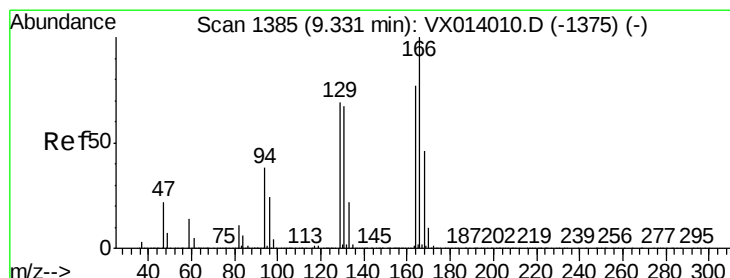
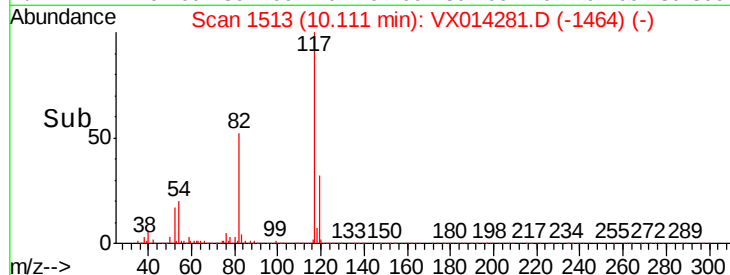
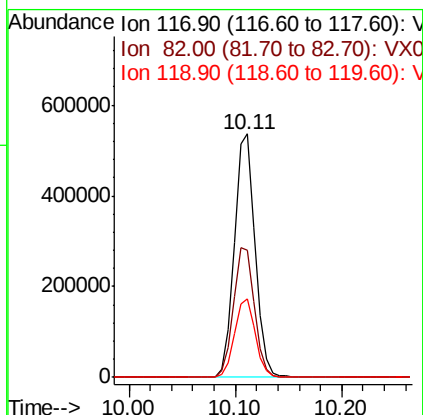
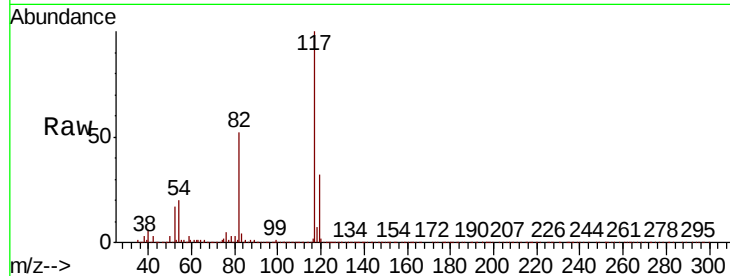




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014281.D
Acq: 26 Dec 2019 19:50

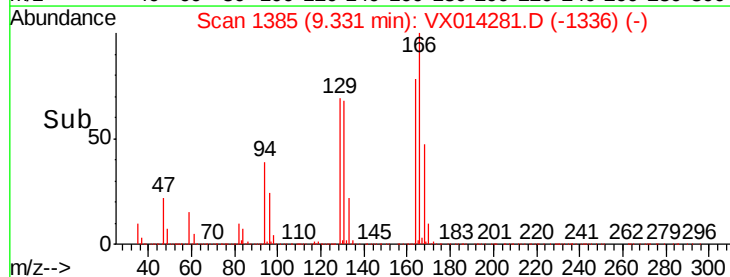
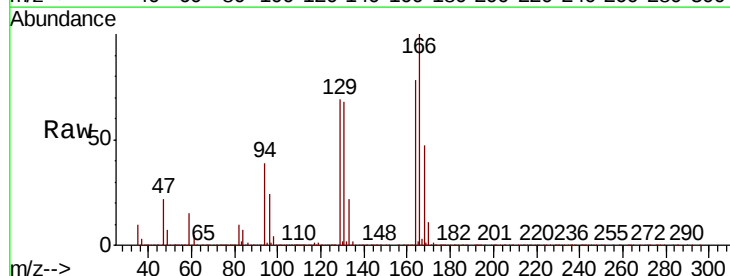
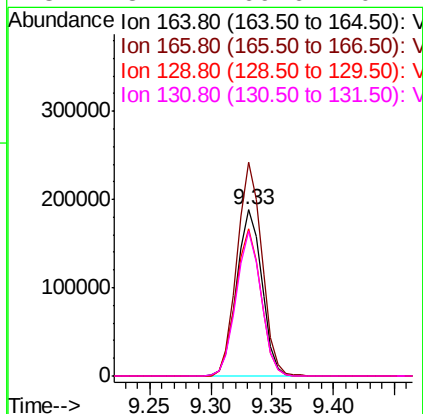
Instrument :
MSVOA_X
ClientSampleId :
991-MW-01-(23)DL

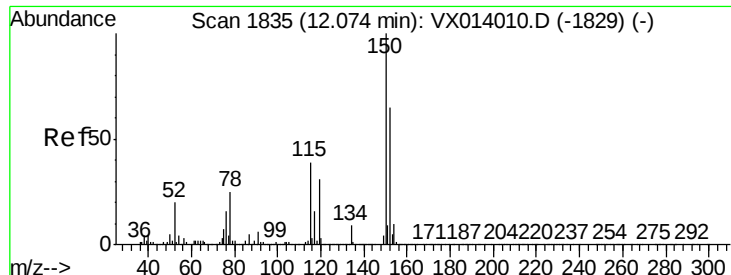
Tot Ion	Ratio	Lower	Upper
117	100		
82	52.0	42.2	63.4
119	32.1	25.1	37.7



#64
Tetrachloroethene
Concen: 41.204 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014281.D
Acq: 26 Dec 2019 19:50

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.5	104.0	156.0
129	88.7	72.2	108.4
131	87.4	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: VX014281.D

Acq: 26 Dec 2019 19:50

Instrument :

MSVOA_X

ClientSampleId :

991-MW-01-(23)DL

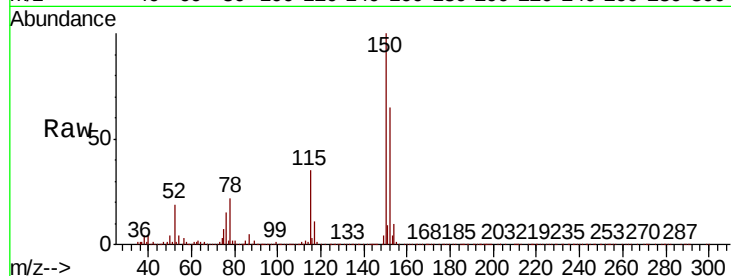
Tot Ion:152 Resp: 319659

Ion Ratio Lower Upper

152 100

115 54.9 38.3 114.9

150 157.5 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

