

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121919\
 Data File : VX014133.D
 Acq On : 19 Dec 2019 20:07
 Operator : JC/SP
 Sample : K6372-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-16D

Quant Time: Dec 20 03:42:14 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

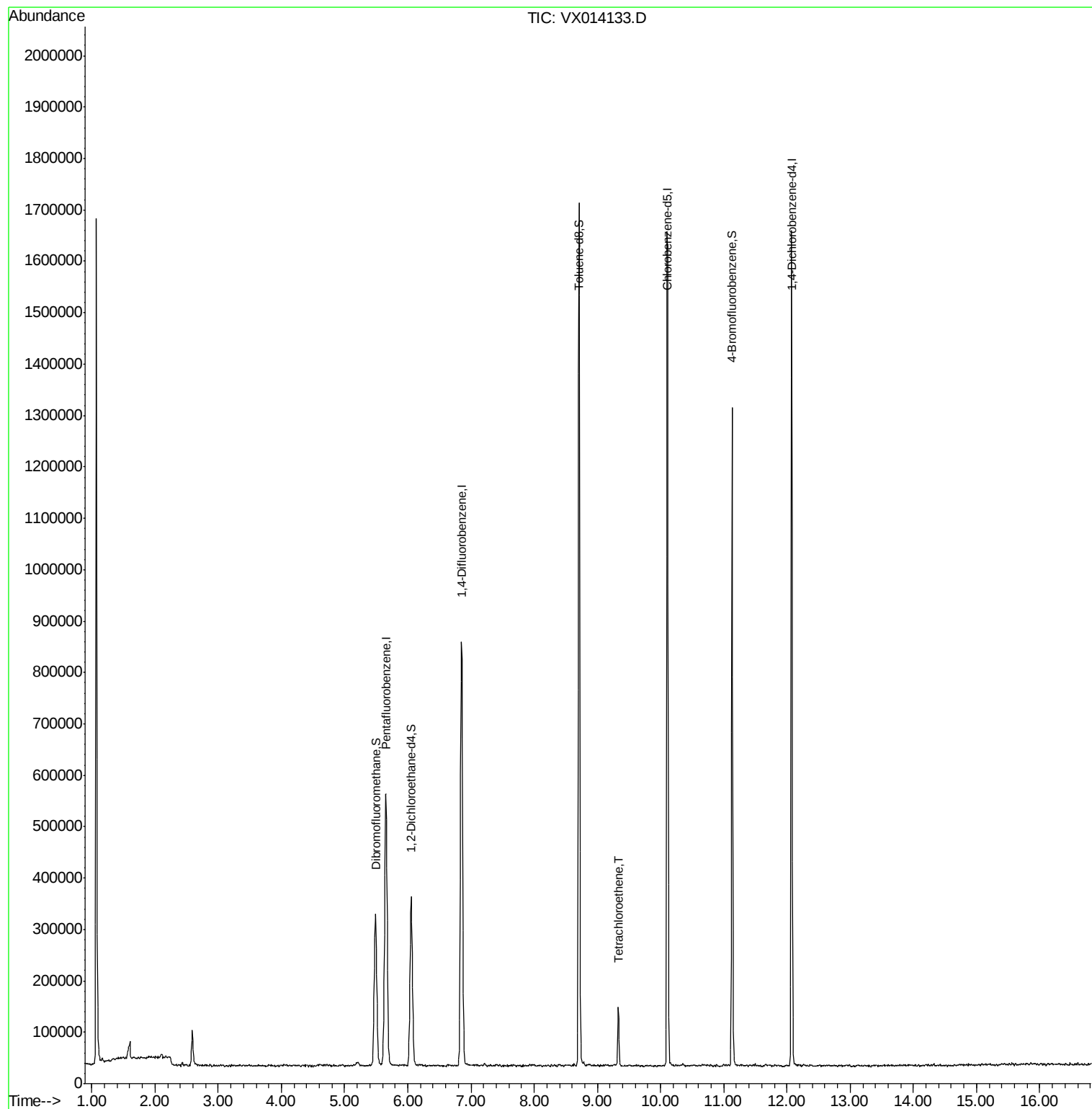
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	550616	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	859159	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	757176	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	333587	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	307648	49.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.60%	
35) Dibromofluoromethane	5.49	113	255495	48.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.84%	
50) Toluene-d8	8.71	98	1010585	49.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.40%	
62) 4-Bromofluorobenzene	11.14	95	335081	45.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.16%	
Target Compounds						
64) Tetrachloroethene	9.33	164	22489	3.357	ug/l	Qvalue 93

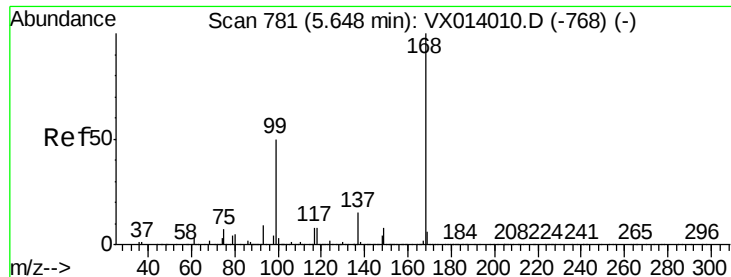
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX014133.D

Acq: 19 Dec 2019 20:07

Instrument :

MSVOA_X

ClientSampleId :

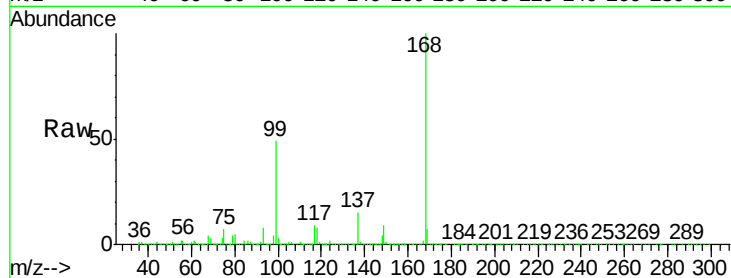
MW-16D

Tot Ion:168 Resp: 550616

Ion Ratio Lower Upper

168 100

99 49.3 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

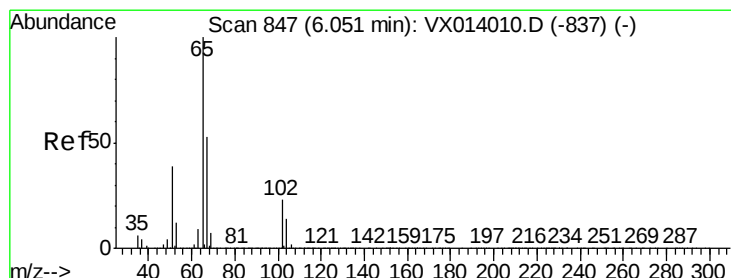
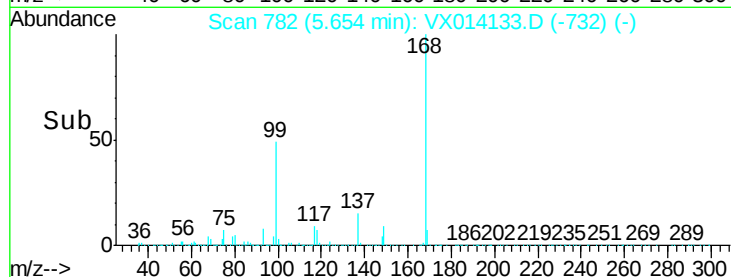
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#33

1,2-Dichloroethane-d4

Concen: 49.299 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014133.D

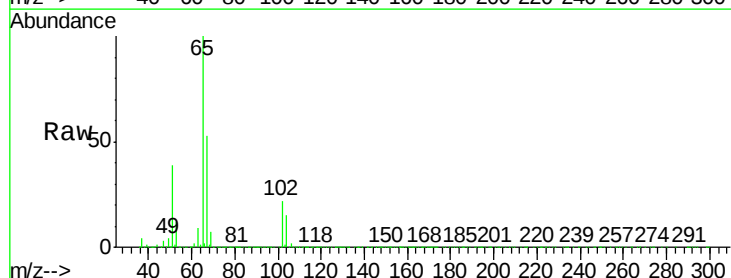
Acq: 19 Dec 2019 20:07

Tgt Ion: 65 Resp: 307648

Ion Ratio Lower Upper

65 100

67 54.3 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.05

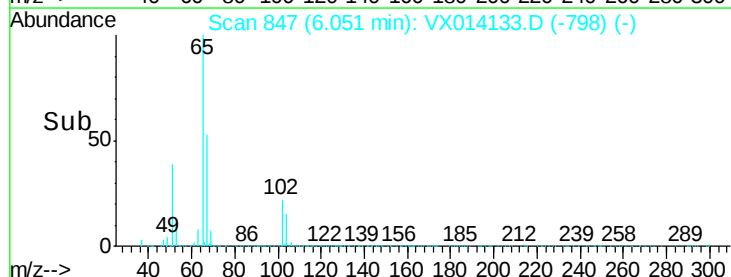
100000

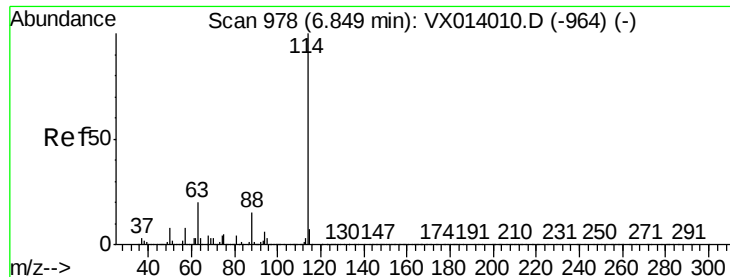
50000

0

5.90 6.00 6.10 6.20

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014133.D

Acq: 19 Dec 2019 20:07

Instrument :

MSVOA_X

ClientSampleId :

MW-16D

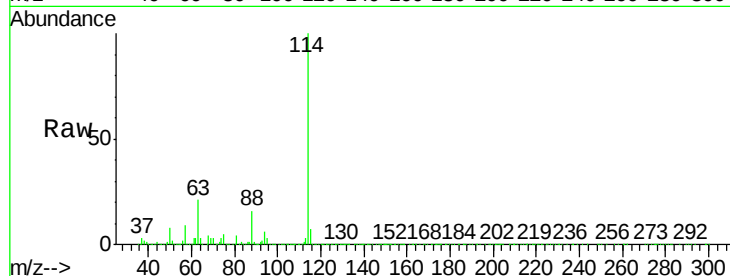
Tot Ion:114 Resp: 859159

Ion Ratio Lower Upper

114 100

63 20.7 0.0 40.8

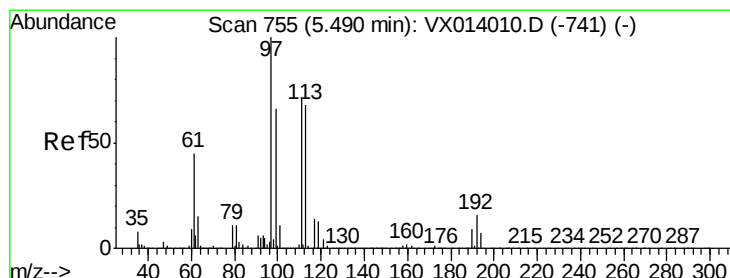
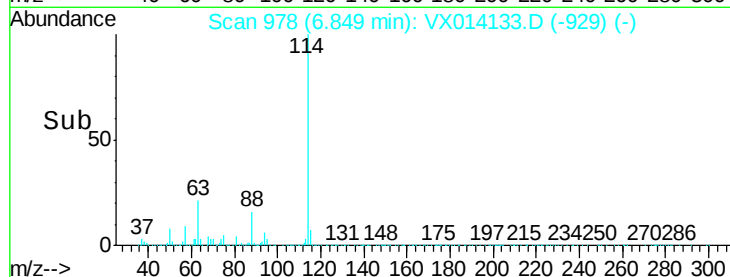
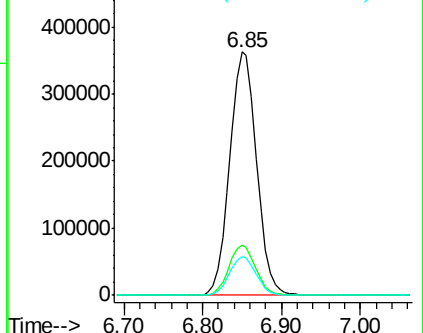
88 16.1 0.0 30.4



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: 48.920 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX014133.D

Acq: 19 Dec 2019 20:07

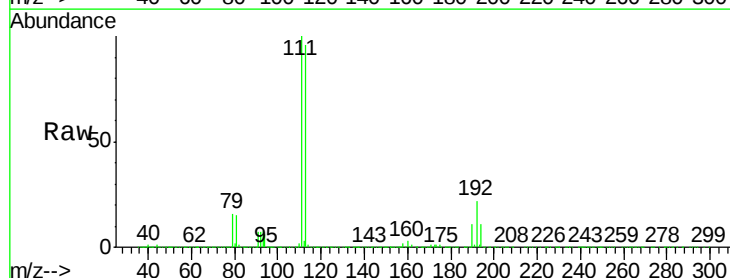
Tgt Ion:113 Resp: 255495

Ion Ratio Lower Upper

113 100

111 104.2 82.0 123.0

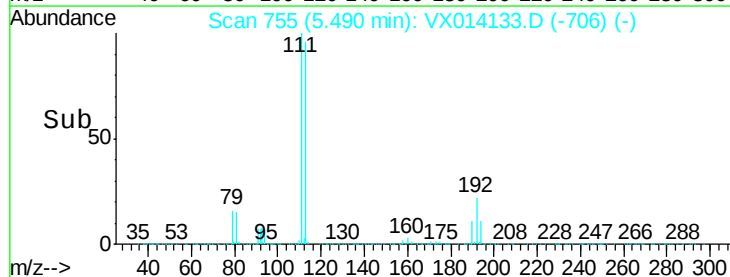
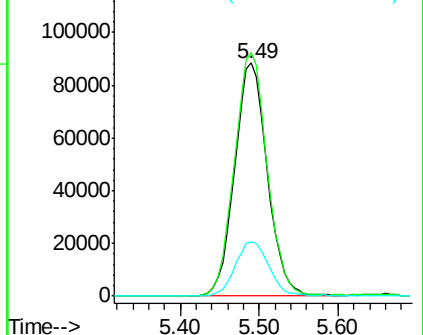
192 23.7 19.3 28.9

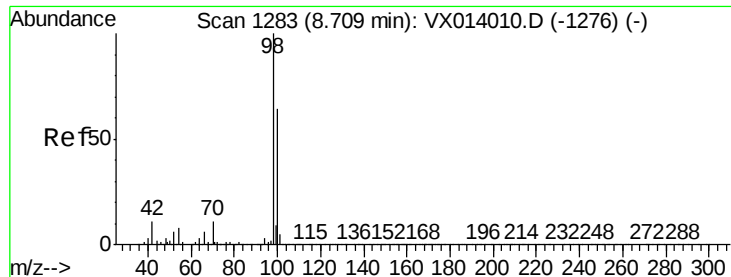


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.701 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014133.D

Acq: 19 Dec 2019 20:07

Instrument :

MSVOA_X

ClientSampleId :

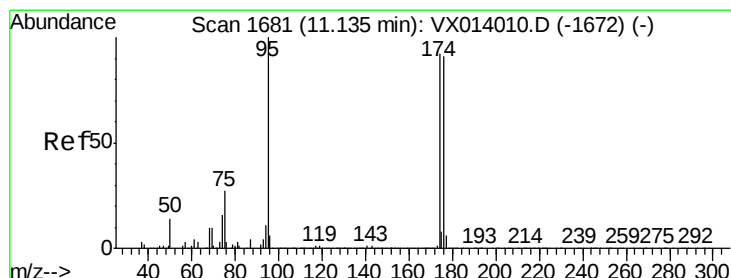
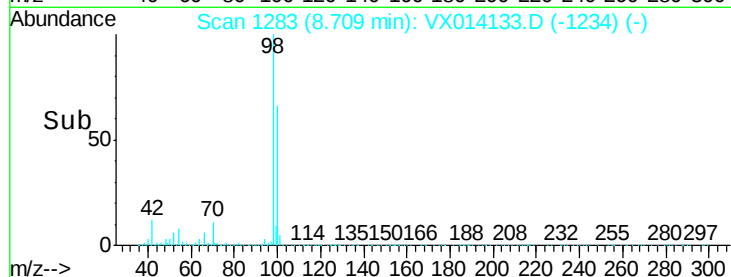
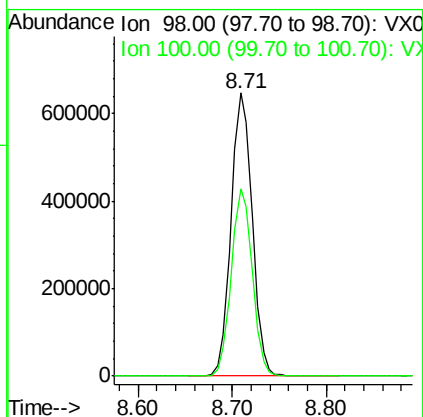
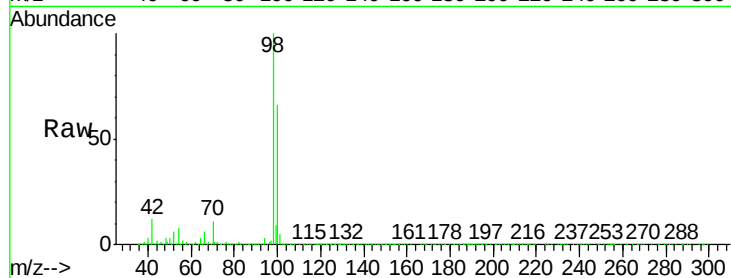
MW-16D

Tot Ion: 98 Resp: 1010585

Ion Ratio Lower Upper

98 100

100 65.9 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 45.082 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX014133.D

Acq: 19 Dec 2019 20:07

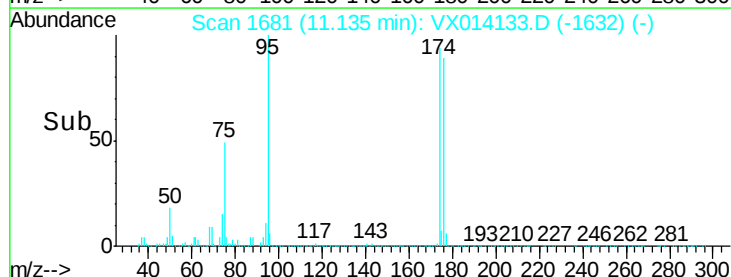
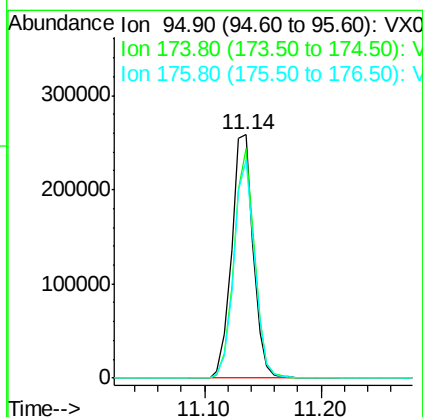
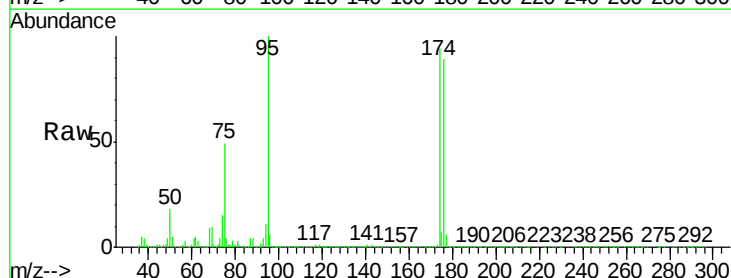
Tgt Ion: 95 Resp: 335081

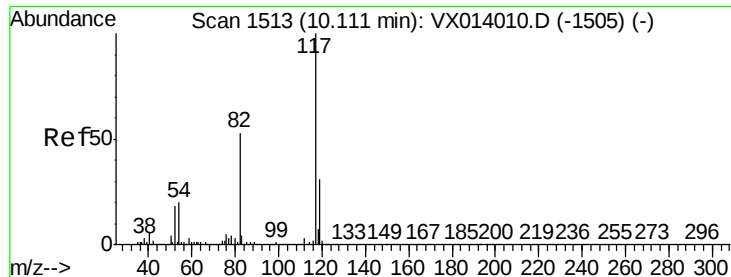
Ion Ratio Lower Upper

95 100

174 90.0 0.0 175.8

176 86.3 0.0 173.0

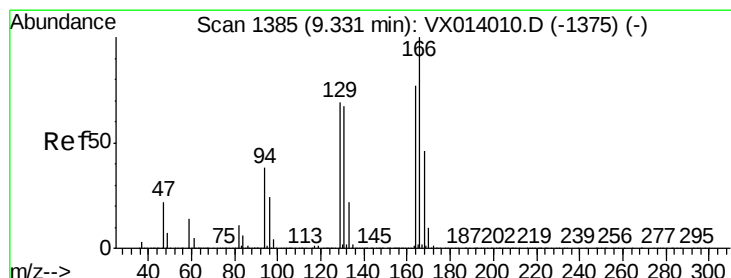
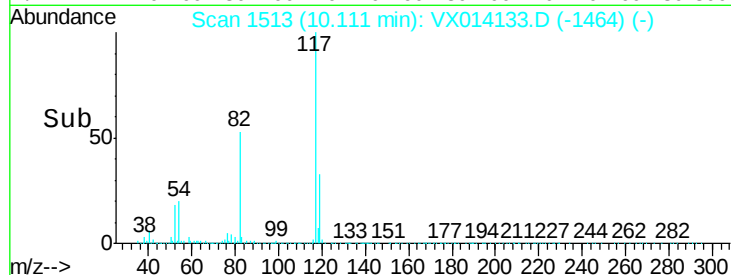
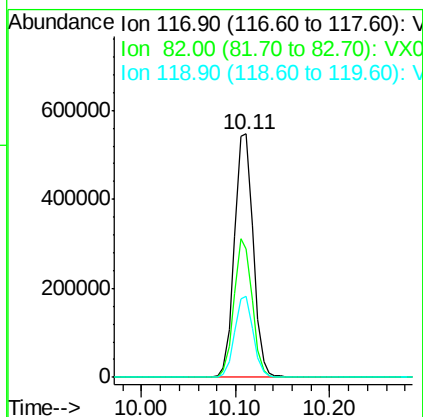
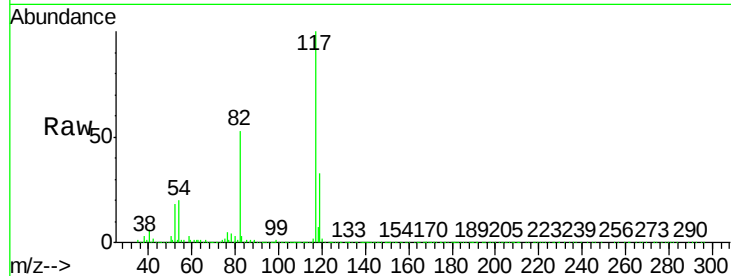




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014133.D
Acq: 19 Dec 2019 20:07

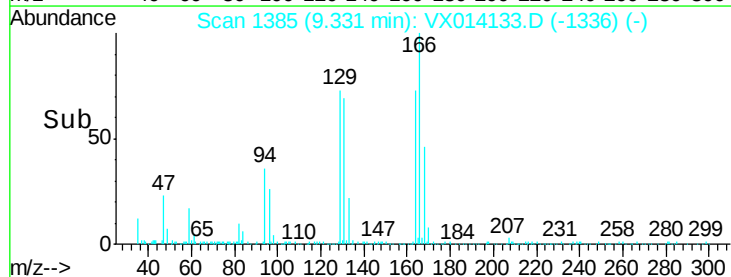
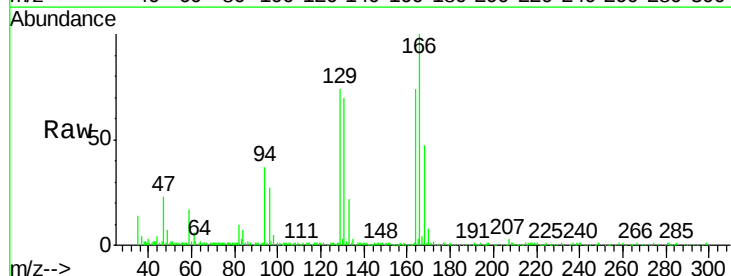
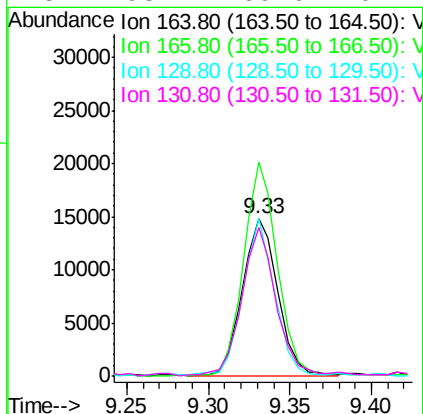
Instrument :
MSVOA_X
ClientSampleId :
MW-16D

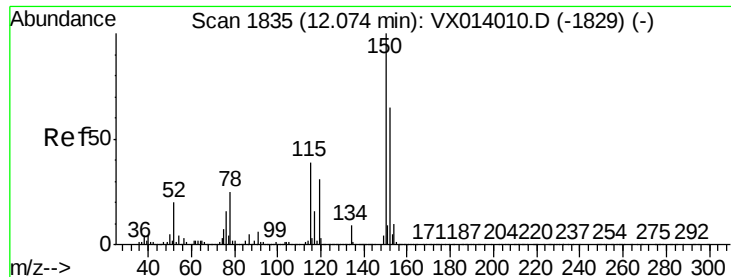
Tot Ion	Ratio	Lower	Upper
117	100		
82	52.9	42.2	63.4
119	33.1	25.1	37.7



#64
Tetrachloroethene
Concen: 3.357 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014133.D
Acq: 19 Dec 2019 20:07

Tgt Ion	Ratio	Lower	Upper
164	100		
166	136.0	104.0	156.0
129	98.8	72.2	108.4
131	93.7	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: VX014133.D

Acq: 19 Dec 2019 20:07

Instrument :

MSVOA_X

ClientSampleId :

MW-16D

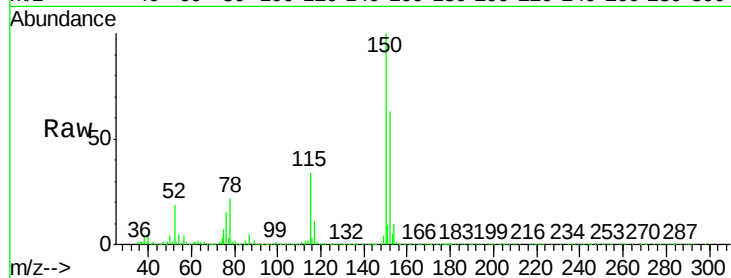
Tot Ion:152 Resp: 333587

Ion Ratio Lower Upper

152 100

115 54.4 38.3 114.9

150 157.8 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

