

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121719\
 Data File : VX014059.D
 Acq On : 17 Dec 2019 18:09
 Operator : JC/SP
 Sample : K6251-17
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW203D-20191207

Quant Time: Dec 18 07:49:11 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

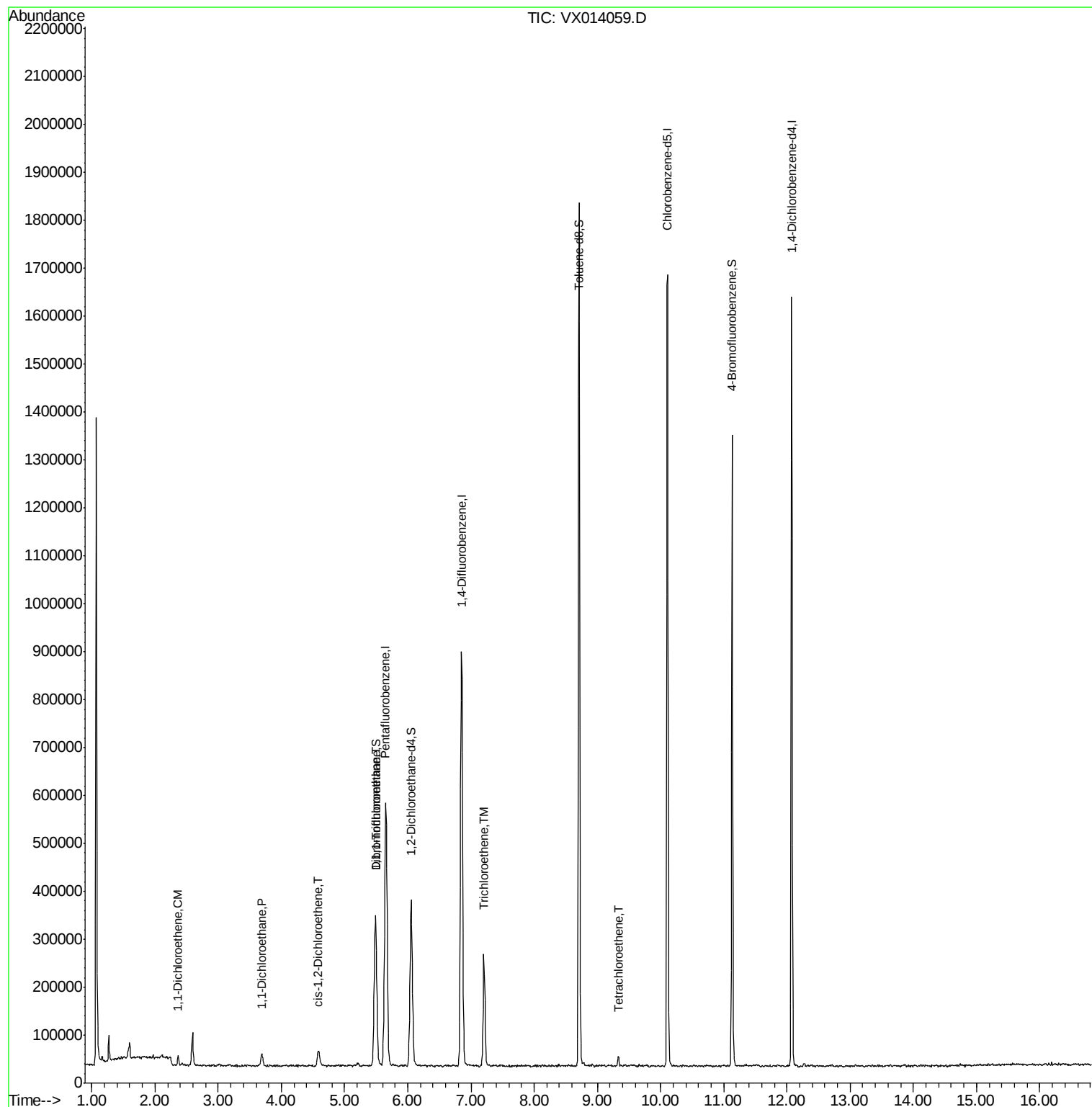
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	575557	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	889134	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	788793	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	333114	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	321450	49.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.56%	
35) Dibromofluoromethane	5.49	113	264012	48.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.70%	
50) Toluene-d8	8.71	98	1041420	49.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.98%	
62) 4-Bromofluorobenzene	11.14	95	347104	45.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.24%	
Target Compounds						
12) 1,1-Dichloroethene	2.36	96	6640	1.199	ug/l	93
24) 1,1-Dichloroethane	3.69	63	29032	2.649	ug/l #	90
27) cis-1,2-Dichloroethene	4.59	96	21739	3.151	ug/l	91
32) 1,1,1-Trichloroethane	5.48	97	8081	0.913	ug/l #	47
44) Trichloroethene	7.20	130	94984	13.699	ug/l	100
64) Tetrachloroethene	9.33	164	4705	0.674	ug/l #	89

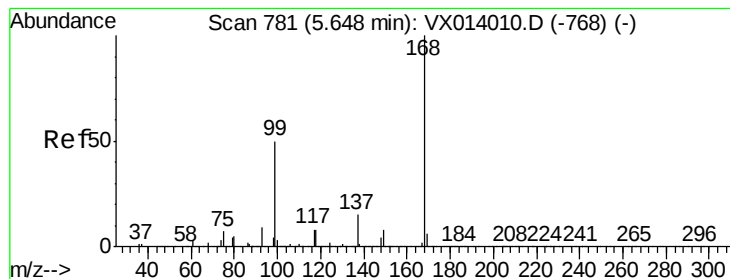
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX121719\
Data File : VX014059.D
Acq On : 17 Dec 2019 18:09
Operator : JC/SP
Sample : K6251-17
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW203D-20191207

Quant Time: Dec 18 07:49:11 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
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: VX014059.D

Acq: 17 Dec 2019 18:09

Instrument :

MSVOA_X

ClientSampleId :

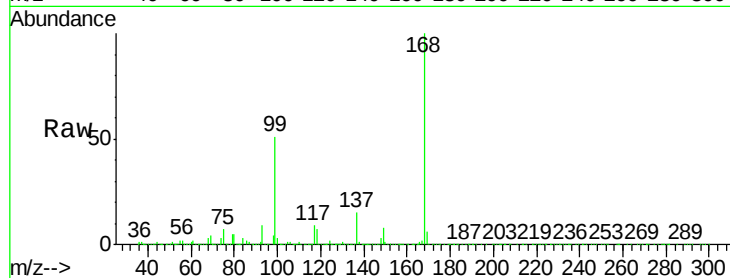
MW203D-20191207

Tot Ion:168 Resp: 575557

Ion Ratio Lower Upper

168 100

99 50.7 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

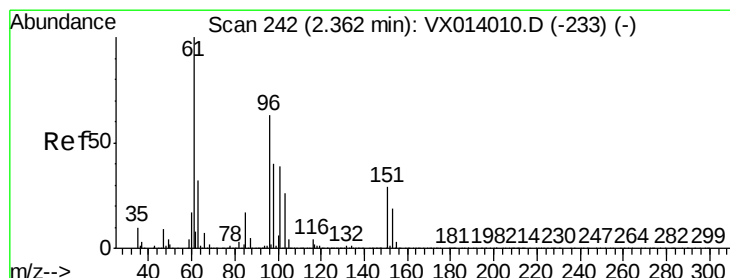
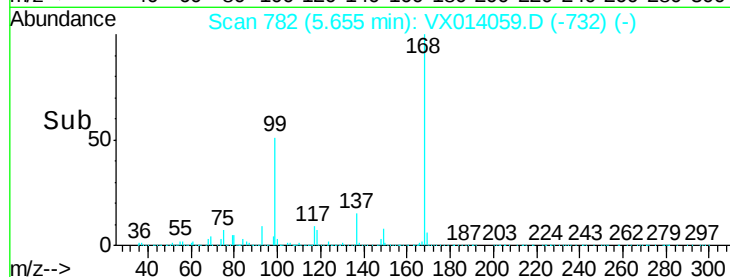
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#12

1,1-Dichloroethene

Concen: 1.199 ug/l

RT: 2.36 min Scan# 242

Delta R.T. 0.00 min

Lab File: VX014059.D

Acq: 17 Dec 2019 18:09

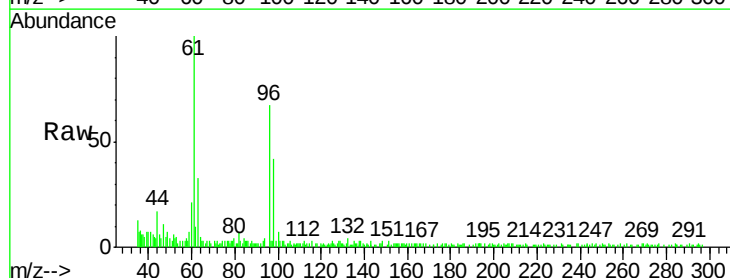
Tgt Ion: 96 Resp: 6640

Ion Ratio Lower Upper

96 100

61 148.9 127.9 191.9

98 59.2 50.5 75.7



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

8000

6000

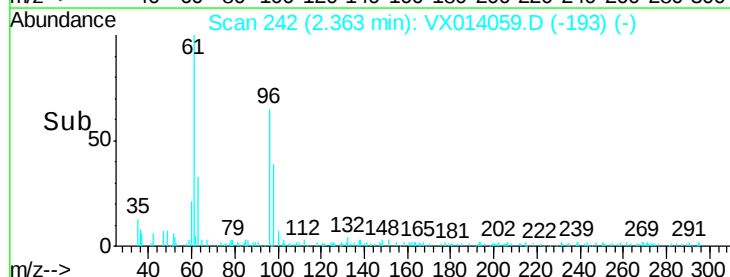
4000

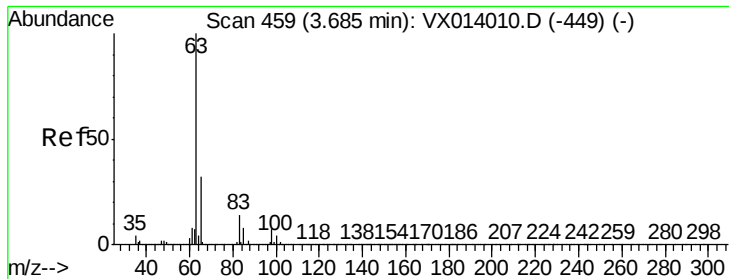
2000

0

Time-->

2.30 2.35 2.40 2.45





#24

1,1-Dichloroethane

Concen: 2.649 ug/l

RT: 3.69 min Scan# 460

Delta R.T. 0.01 min

Lab File: VX014059.D

Acq: 17 Dec 2019 18:09

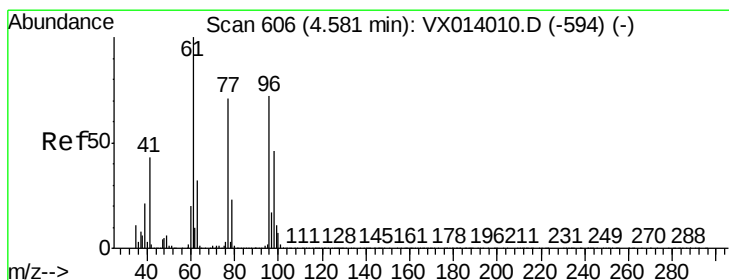
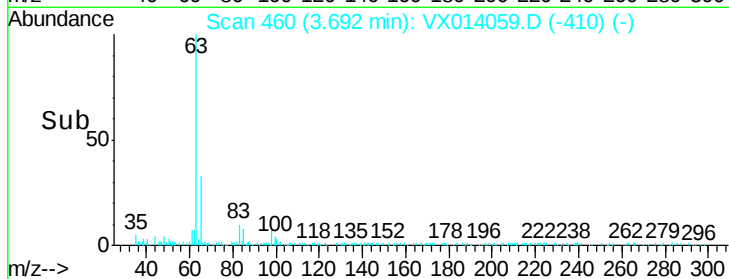
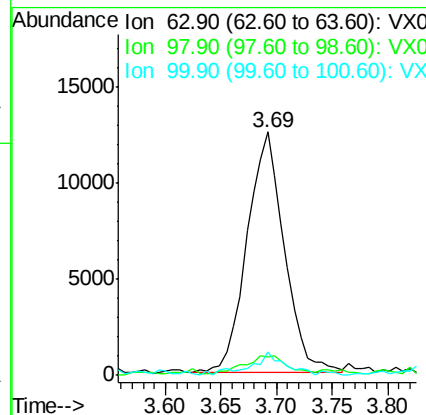
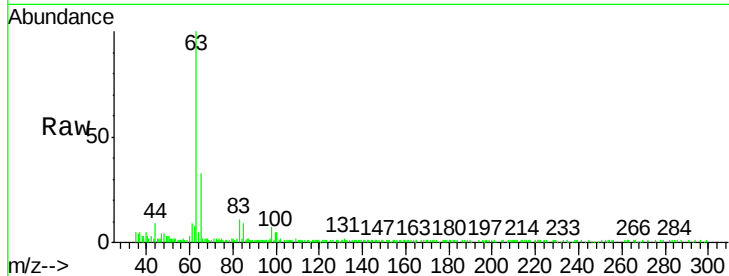
Instrument :

MSVOA_X

ClientSampleId :

MW203D-20191207

Tot Ion:	63	Resp:	29032
Ion	Ratio	Lower	Upper
63	100		
98	5.2	3.6	10.8
100	10.0	2.3	6.8#



#27

cis-1,2-Dichloroethene

Concen: 3.151 ug/l

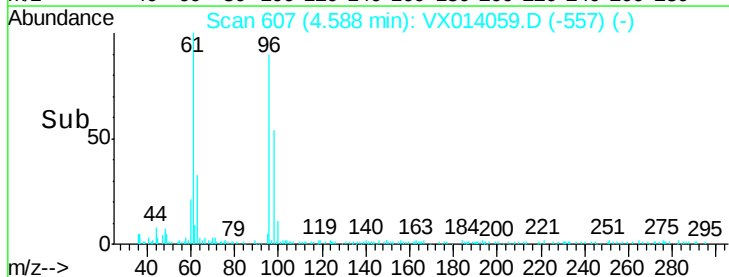
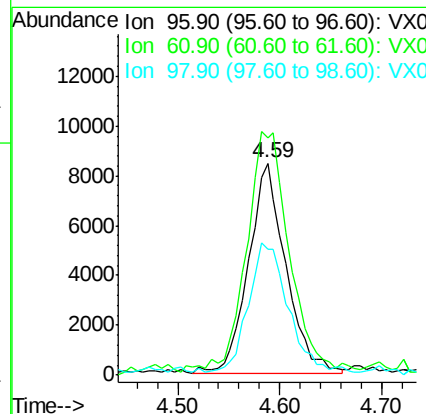
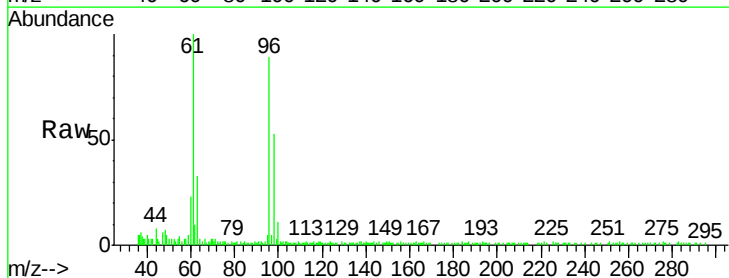
RT: 4.59 min Scan# 607

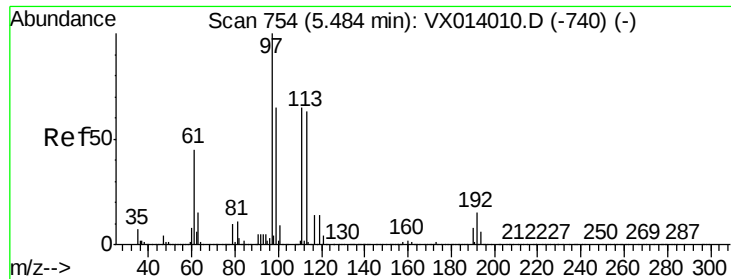
Delta R.T. 0.01 min

Lab File: VX014059.D

Acq: 17 Dec 2019 18:09

Tgt Ion:	96	Resp:	21739
Ion	Ratio	Lower	Upper
96	100		
61	128.6	0.0	288.4
98	64.8	0.0	129.6





#32

1,1,1-Trichloroethane

Concen: 0.913 ug/l

RT: 5.48 min Scan# 754

Delta R.T. 0.00 min

Lab File: VX014059.D

Acq: 17 Dec 2019 18:09

Instrument :

MSVOA_X

ClientSampleId :

MW203D-20191207

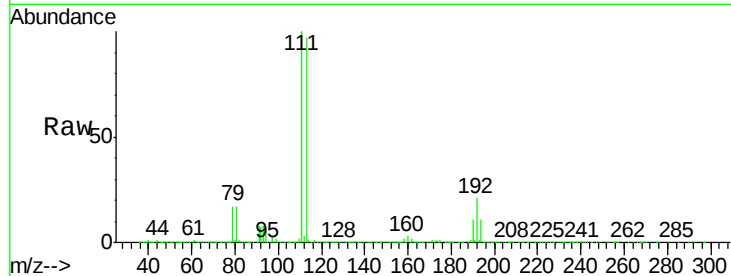
Tot Ion: 97 Resp: 8081

Ion Ratio Lower Upper

97 100

99 0.0 52.0 78.0#

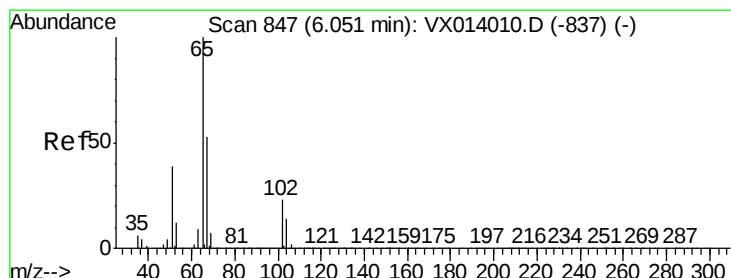
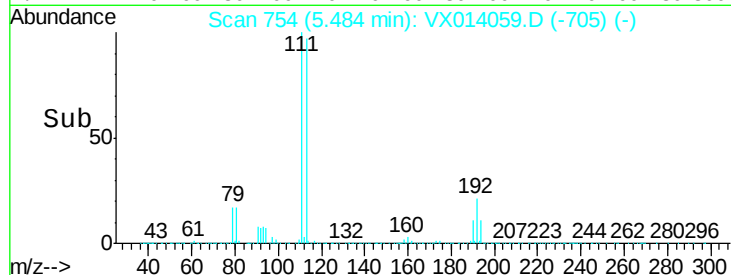
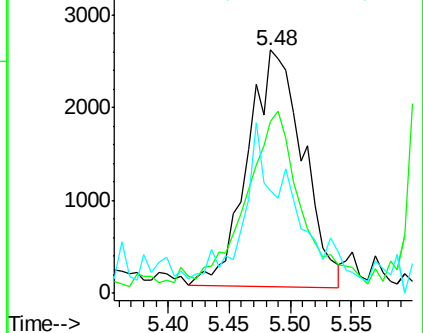
61 37.6 36.7 55.1



Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 49.278 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014059.D

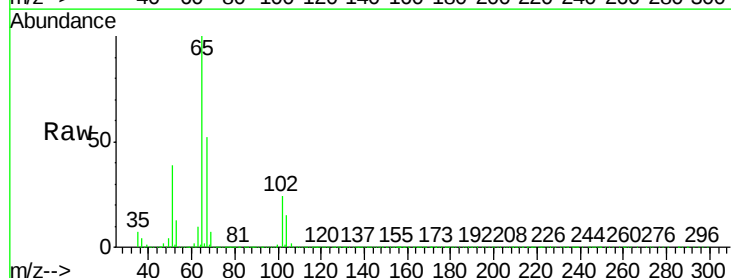
Acq: 17 Dec 2019 18:09

Tgt Ion: 65 Resp: 321450

Ion Ratio Lower Upper

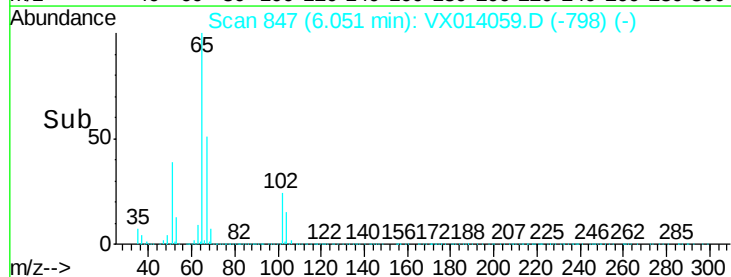
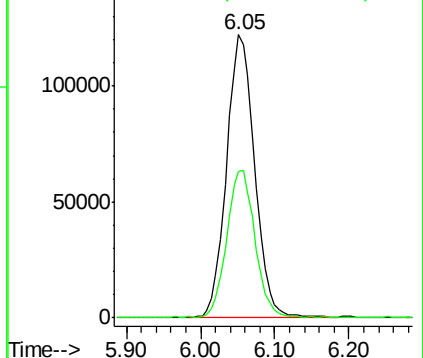
65 100

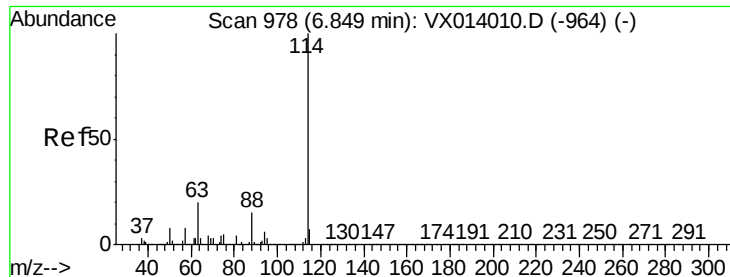
67 52.6 0.0 106.4



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: VX014059.D

Acq: 17 Dec 2019 18:09

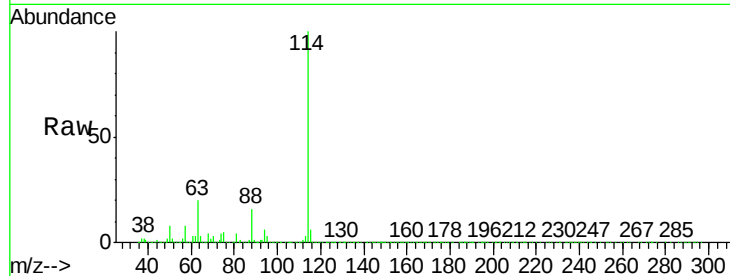
Instrument :

MSVOA_X

ClientSampleId :

MW203D-20191207

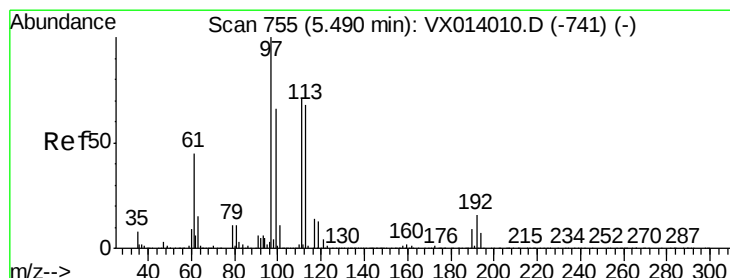
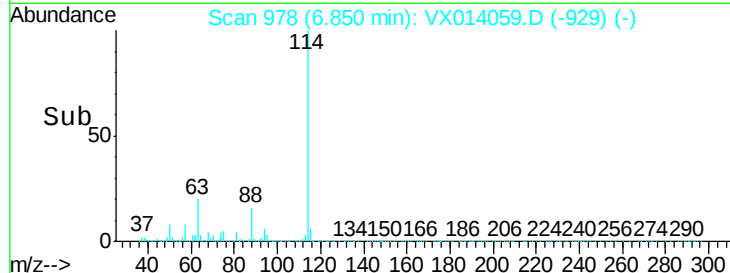
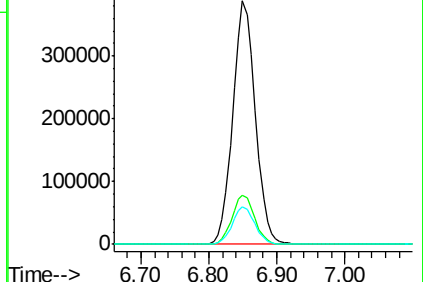
Tot Ion:	114	Resp:	889134
Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	40.8
88	15.6	0.0	30.4



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: 48.846 ug/l

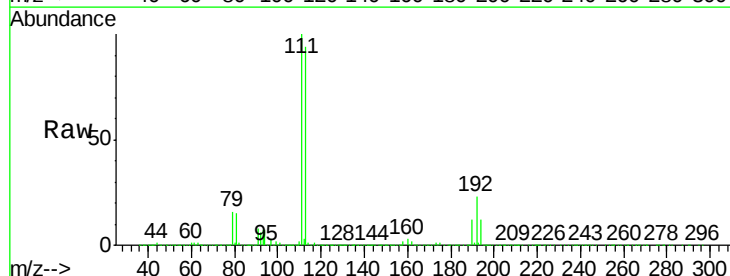
RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX014059.D

Acq: 17 Dec 2019 18:09

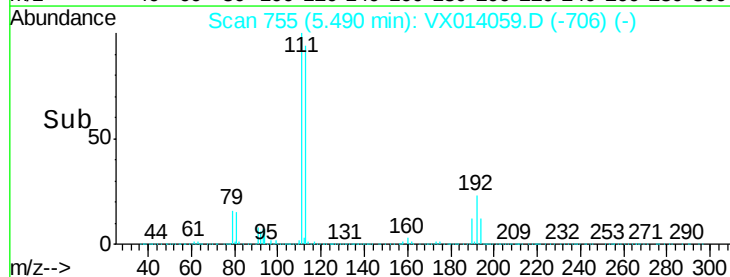
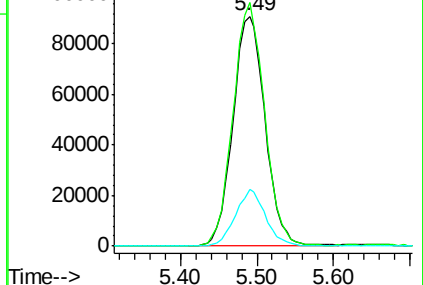
Tgt Ion:	113	Resp:	264012
Ion	Ratio	Lower	Upper
113	100		
111	103.7	82.0	123.0
192	23.5	19.3	28.9

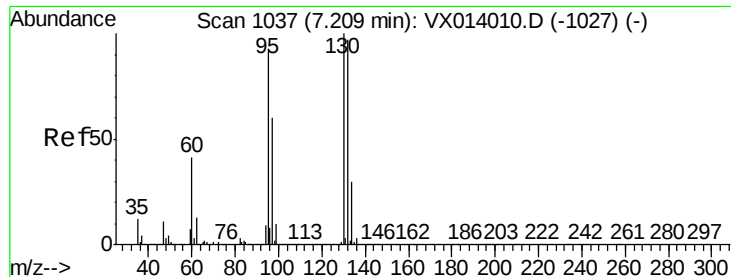


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 13.699 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX014059.D

Acq: 17 Dec 2019 18:09

Instrument :

MSVOA_X

ClientSampleId :

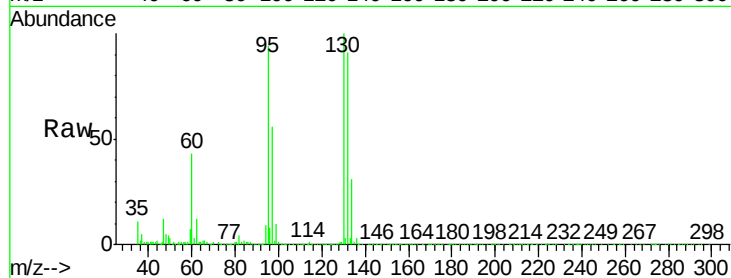
MW203D-20191207

Tot Ion:130 Resp: 94984

Ion Ratio Lower Upper

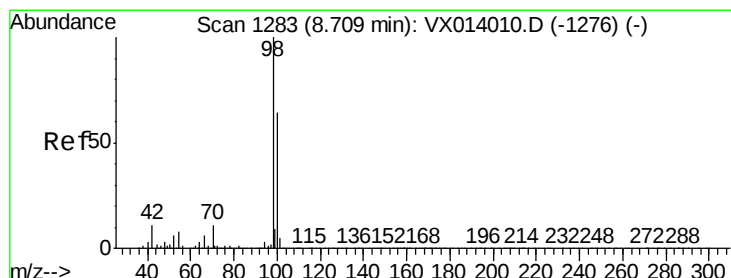
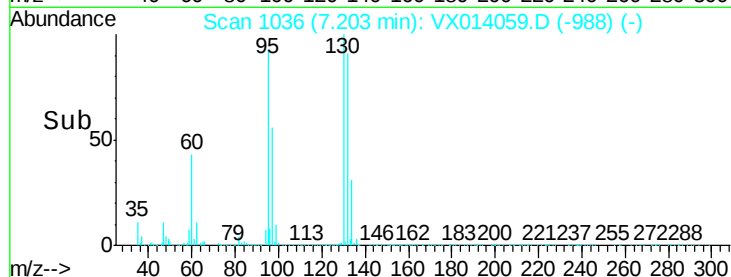
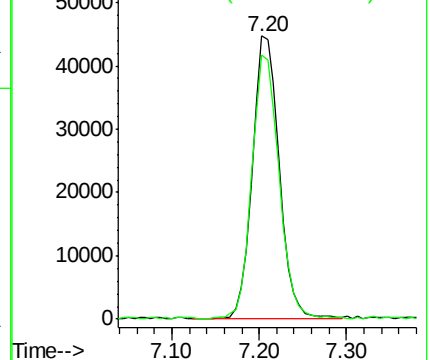
130 100

95 93.1 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: 49.491 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014059.D

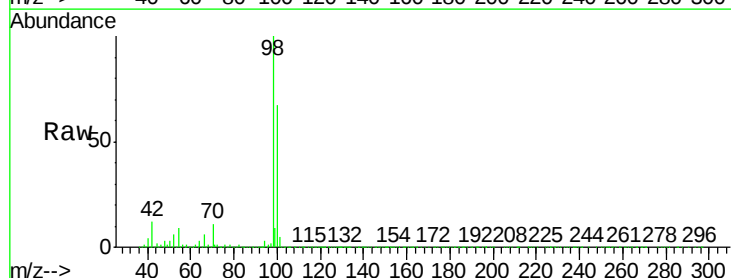
Acq: 17 Dec 2019 18:09

Tgt Ion: 98 Resp: 1041420

Ion Ratio Lower Upper

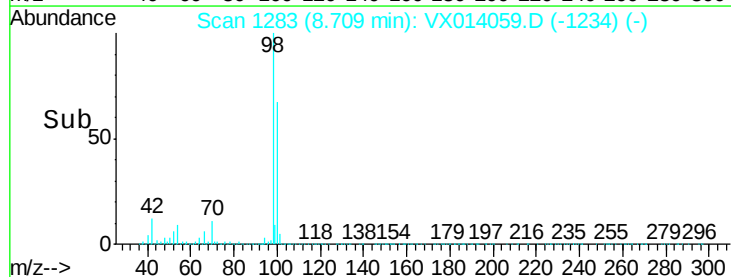
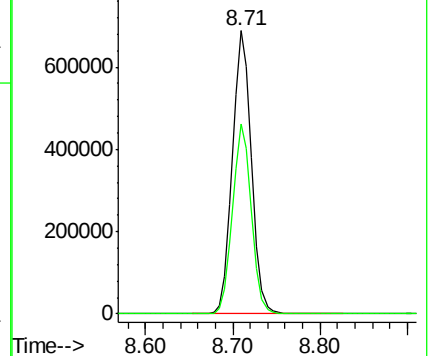
98 100

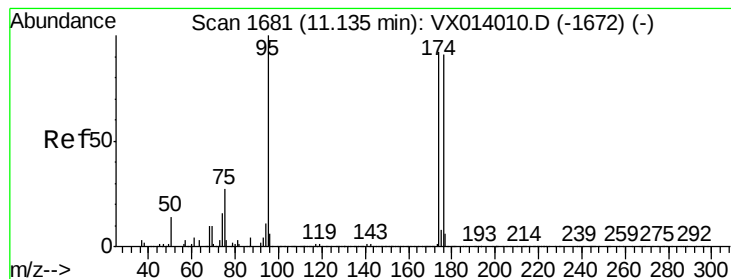
100 66.3 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 45.125 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX014059.D

Acq: 17 Dec 2019 18:09

Instrument :

MSVOA_X

ClientSampleId :

MW203D-20191207

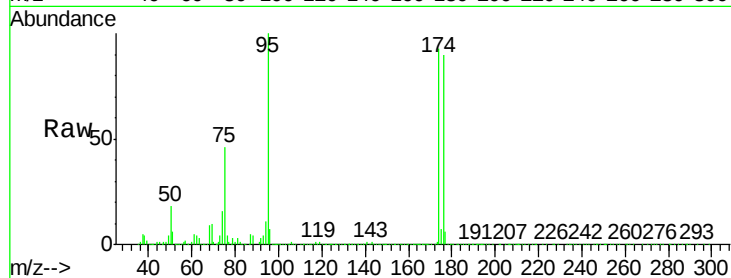
Tot Ion: 95 Resp: 347104

Ion Ratio Lower Upper

95 100

174 88.7 0.0 175.8

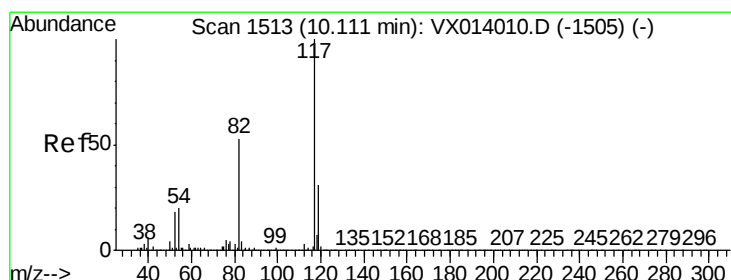
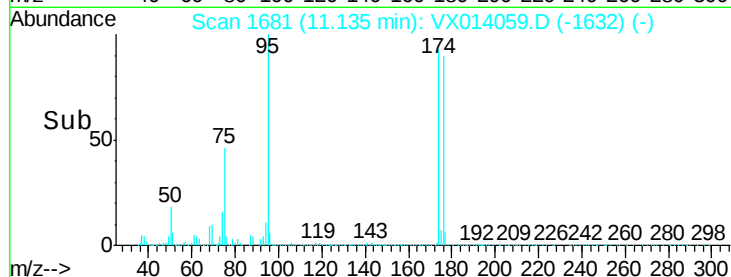
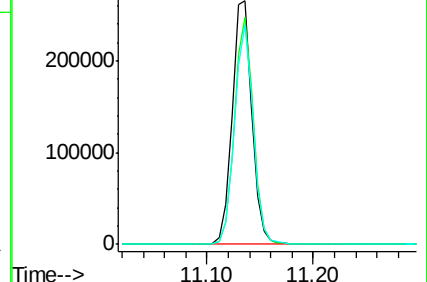
176 85.5 0.0 173.0



Abundance Ion 94.90 (94.60 to 95.60): VX014010.D (-1672) (-)

Ion 173.80 (173.50 to 174.50): VX014010.D (-1672) (-)

Ion 175.80 (175.50 to 176.50): VX014010.D (-1672) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX014059.D

Acq: 17 Dec 2019 18:09

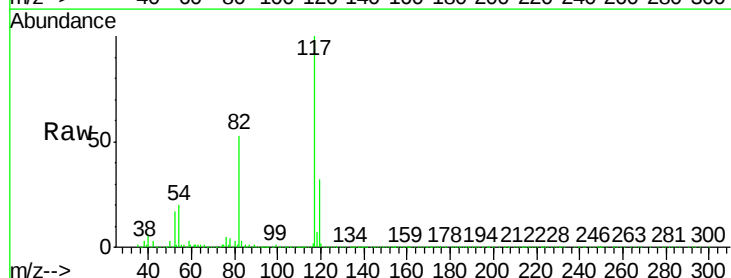
Tgt Ion: 117 Resp: 788793

Ion Ratio Lower Upper

117 100

82 53.2 42.2 63.4

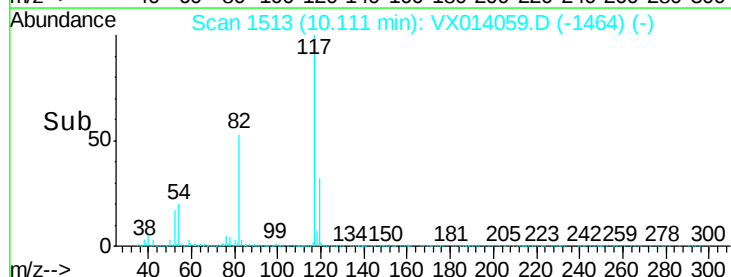
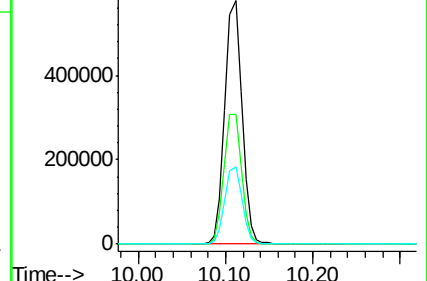
119 31.6 25.1 37.7

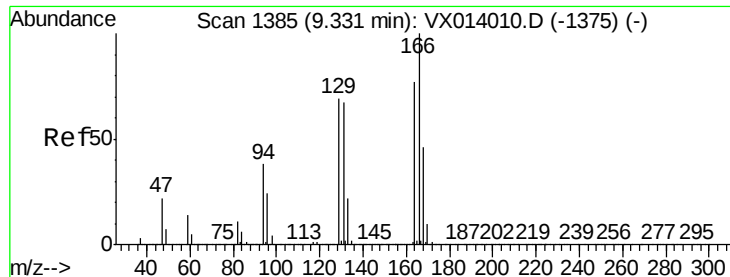


Abundance Ion 116.90 (116.60 to 117.60): VX014010.D (-1505) (-)

Ion 82.00 (81.70 to 82.70): VX014010.D (-1505) (-)

Ion 118.90 (118.60 to 119.60): VX014010.D (-1505) (-)

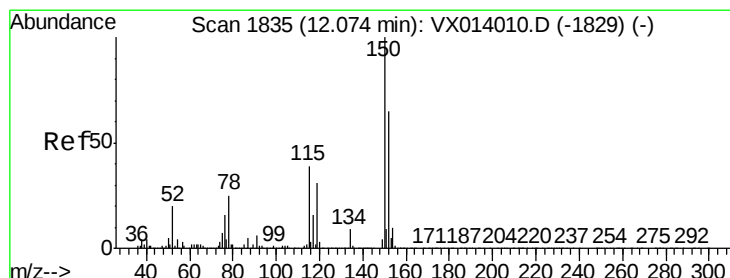
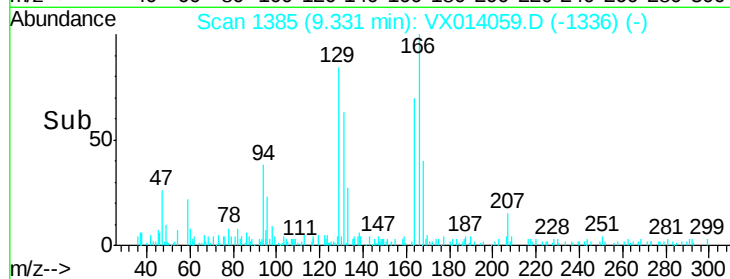
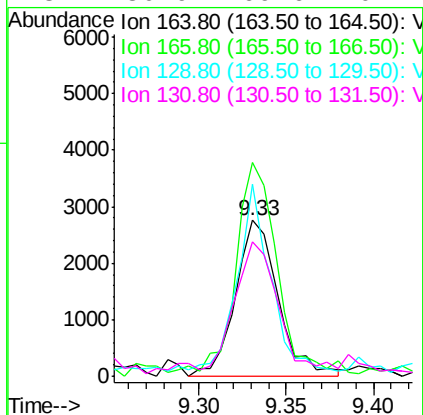
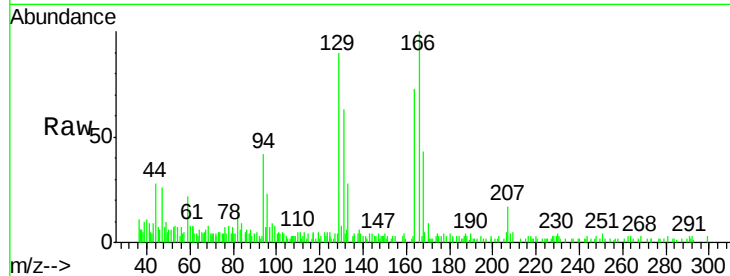




#64
Tetrachloroethene
Concen: 0.674 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014059.D
Acq: 17 Dec 2019 18:09

Instrument :
MSVOA_X
ClientSampleId :
MW203D-20191207

Tot Ion:164 Resp: 4705
Ion Ratio Lower Upper
164 100
166 130.3 104.0 156.0
129 119.6 72.2 108.4#
131 80.9 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: VX014059.D
Acq: 17 Dec 2019 18:09

Tgt Ion:152 Resp: 333114
Ion Ratio Lower Upper
152 100
115 55.4 38.3 114.9
150 155.2 0.0 345.4

