

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120619\
 Data File : VX013818.D
 Acq On : 06 Dec 2019 23:14
 Operator : JC/SP
 Sample : K6184-21
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE104D2-20191204

Quant Time: Dec 07 05:23:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

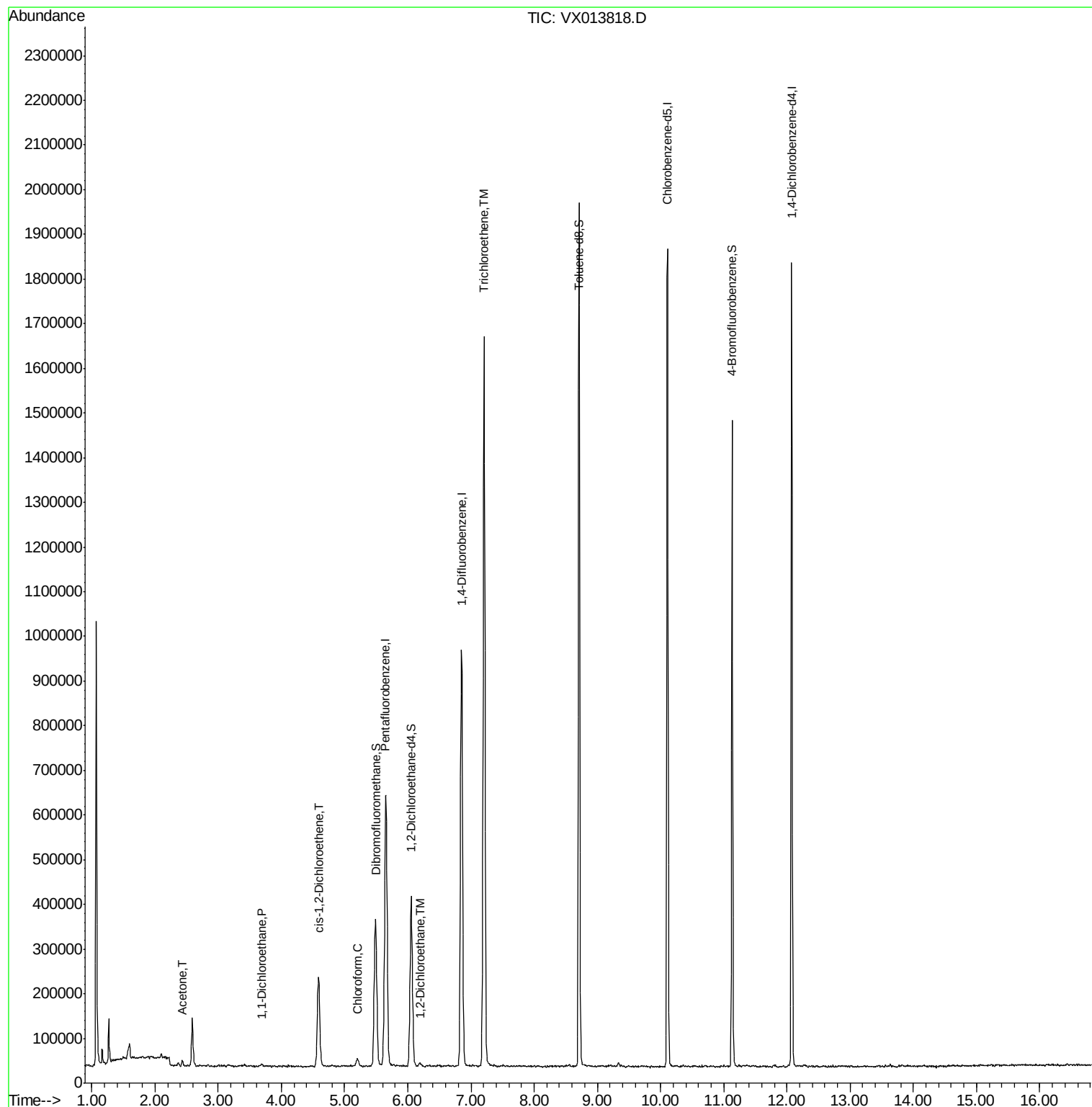
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	633889	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	966719	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	860216	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	372841	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	349981	47.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.12%	
35) Dibromofluoromethane	5.49	113	287965	48.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.36%	
50) Toluene-d8	8.71	98	1137136	48.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.68%	
62) 4-Bromofluorobenzene	11.14	95	378773	45.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.22%	
Target Compounds						
16) Acetone	2.43	43	14078	3.875	ug/l	92
24) 1,1-Dichloroethane	3.69	63	6004	0.521	ug/l #	93
27) cis-1,2-Dichloroethene	4.59	96	126190	16.720	ug/l	91
30) Chloroform	5.20	83	22785	1.950	ug/l	99
42) 1,2-Dichloroethane	6.19	62	7074	0.776	ug/l	97
44) Trichloroethene	7.21	130	650917	88.740	ug/l	94

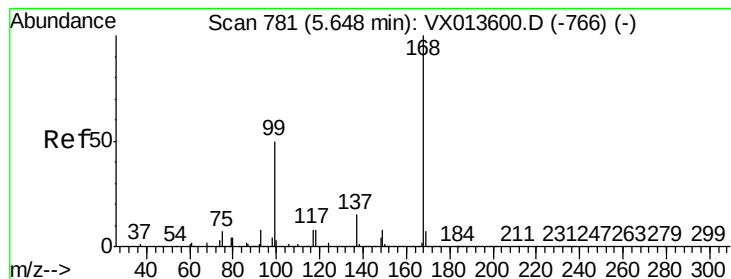
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Nov 26 15:53:00 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX013818.D

Acq: 06 Dec 2019 23:14

Instrument :

MSVOA_X

ClientSampleId :

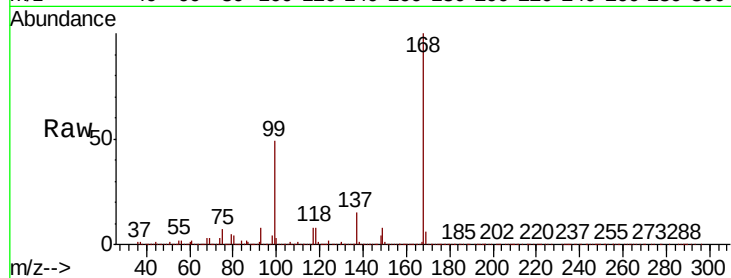
RE104D2-20191204

Tot Ion:168 Resp: 633889

Ion Ratio Lower Upper

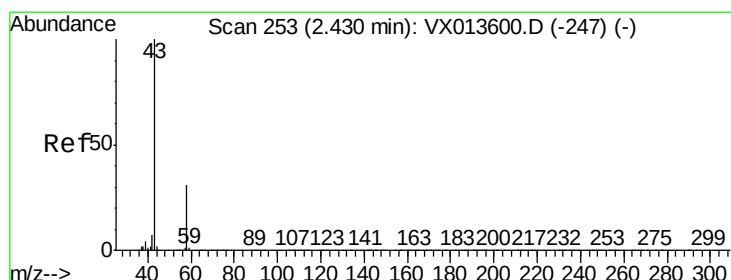
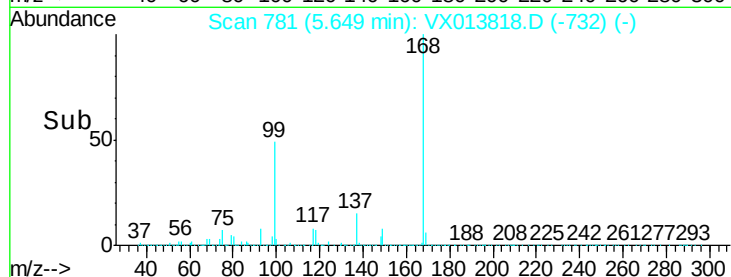
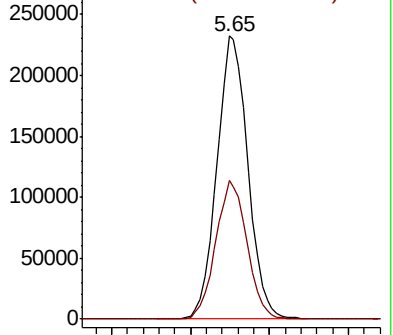
168 100

99 49.1 39.8 59.8



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: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX013818.D

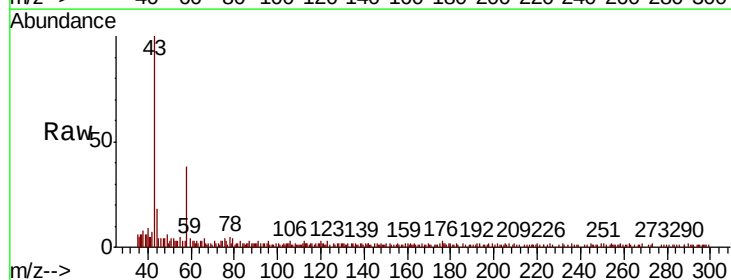
Acq: 06 Dec 2019 23:14

Tgt Ion: 43 Resp: 14078

Ion Ratio Lower Upper

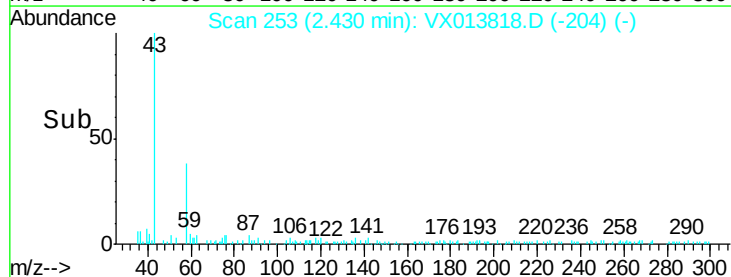
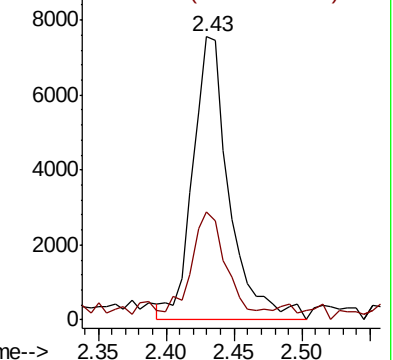
43 100

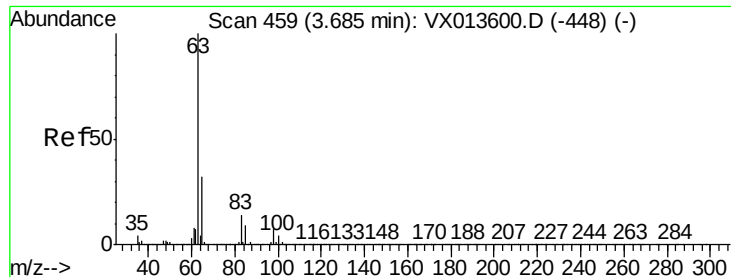
58 35.0 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#24

1,1-Dichloroethane

Concen: 0.521 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX013818.D

Acq: 06 Dec 2019 23:14

Instrument :

MSVOA_X

ClientSampleId :

RE104D2-20191204

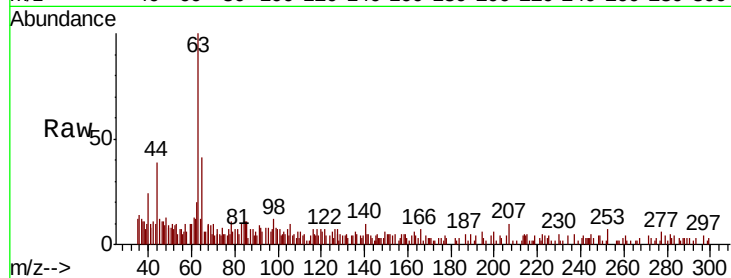
Tot Ion: 63 Resp: 6004

Ion Ratio Lower Upper

63 100

98 6.8 3.5 10.4

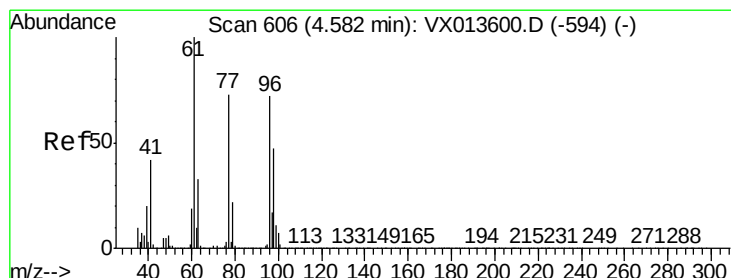
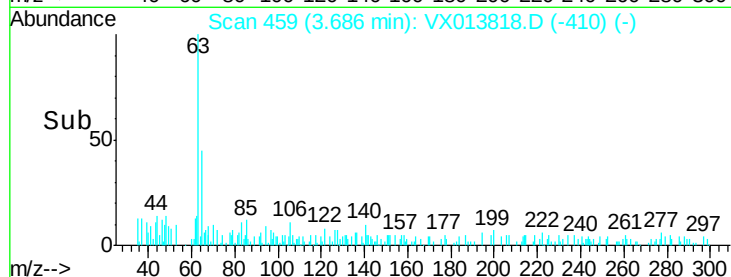
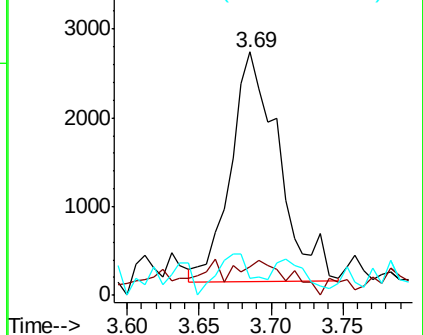
100 9.8 2.1 6.3#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0



#27

cis-1,2-Dichloroethene

Concen: 16.720 ug/l

RT: 4.59 min Scan# 607

Delta R.T. 0.01 min

Lab File: VX013818.D

Acq: 06 Dec 2019 23:14

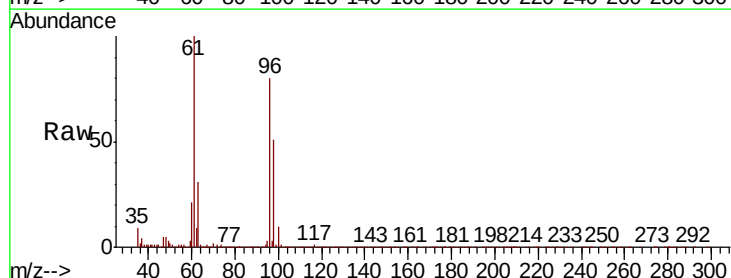
Tgt Ion: 96 Resp: 126190

Ion Ratio Lower Upper

96 100

61 128.3 0.0 286.4

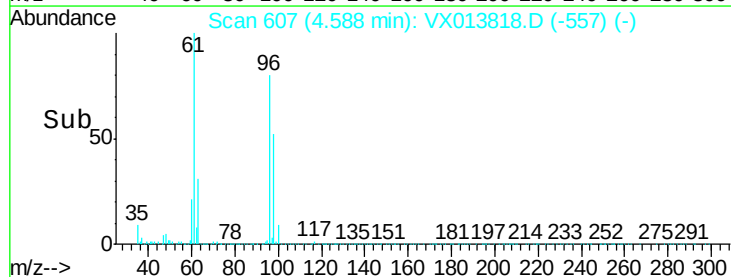
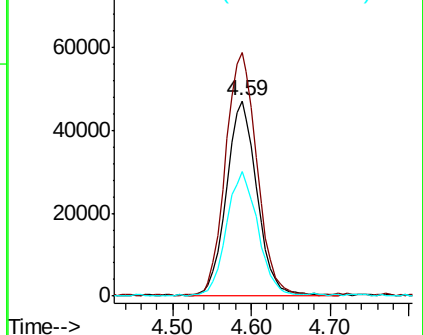
98 64.4 0.0 127.4

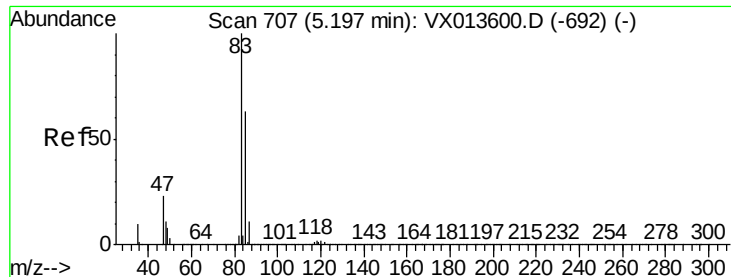


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

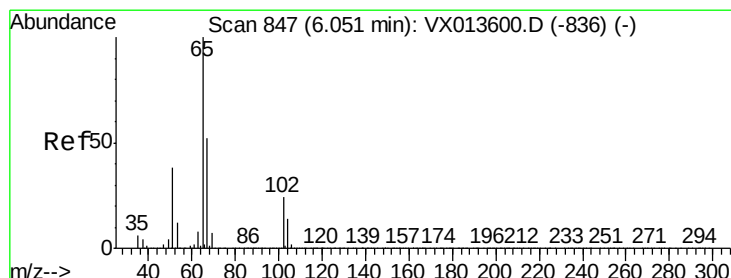
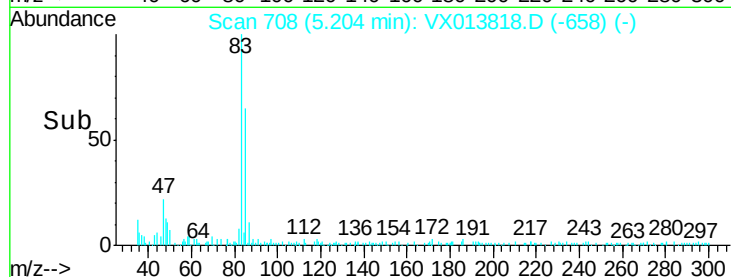
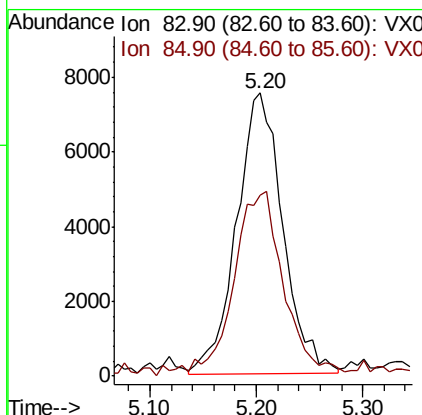
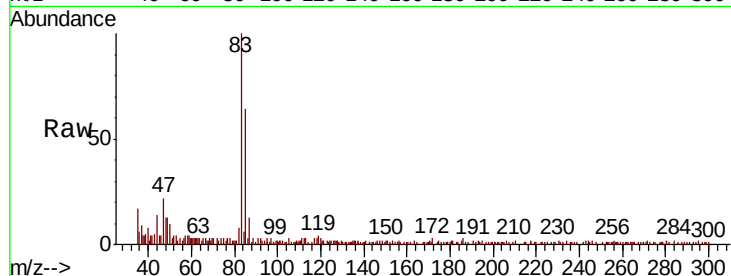




#30
Chloroform
Concen: 1.950 ug/l
RT: 5.20 min Scan# 708
Delta R.T. 0.01 min
Lab File: VX013818.D
Acq: 06 Dec 2019 23:14

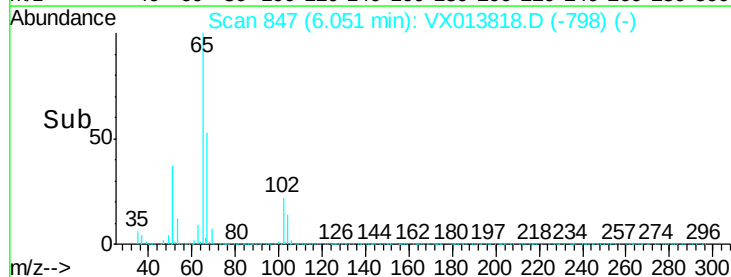
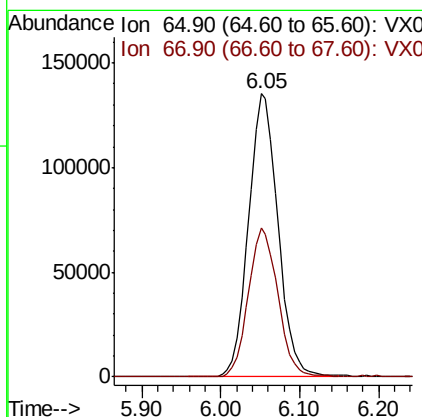
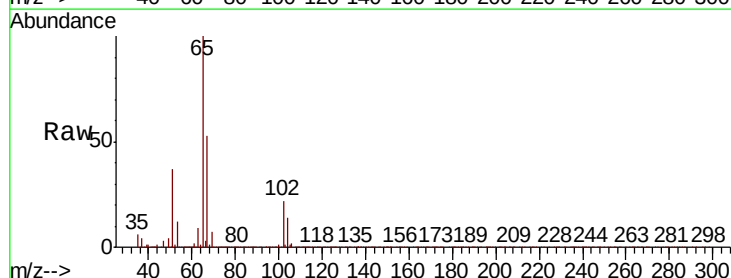
Instrument :
MSVOA_X
ClientSampleId :
RE104D2-20191204

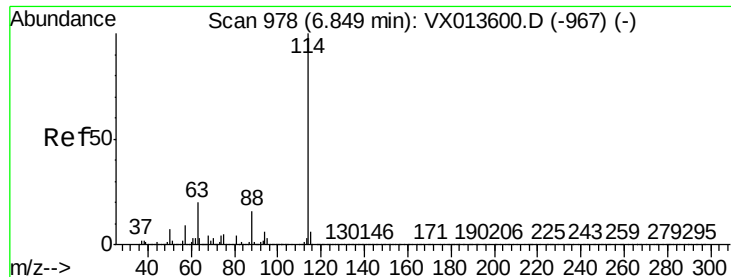
Tot Ion: 83 Resp: 22785
Ion Ratio Lower Upper
83 100
85 63.9 50.2 75.4



#33
1,2-Dichloroethane-d4
Concen: 47.565 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX013818.D
Acq: 06 Dec 2019 23:14

Tgt Ion: 65 Resp: 349981
Ion Ratio Lower Upper
65 100
67 53.0 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX013818.D

Acq: 06 Dec 2019 23:14

Instrument :

MSVOA_X

ClientSampleId :

RE104D2-20191204

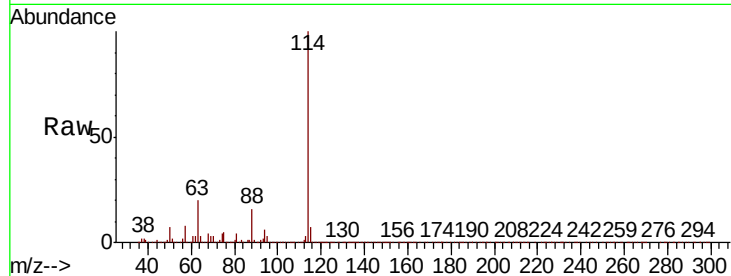
Tot Ion:114 Resp: 966719

Ion Ratio Lower Upper

114 100

63 19.9 0.0 39.6

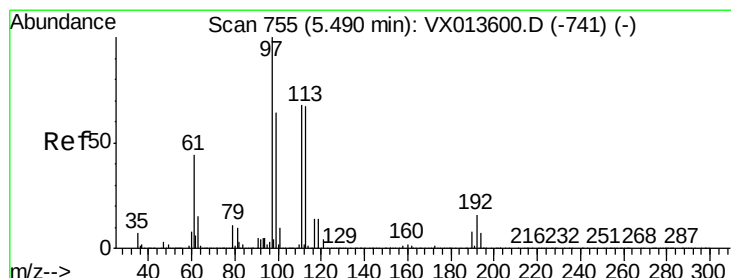
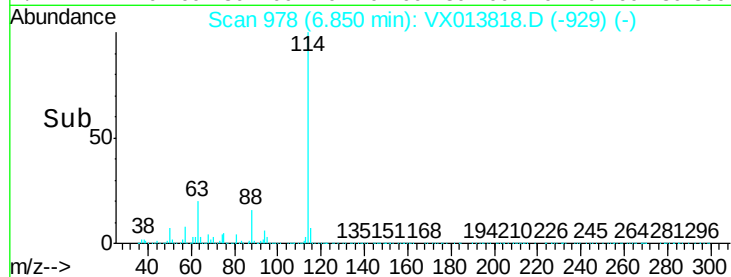
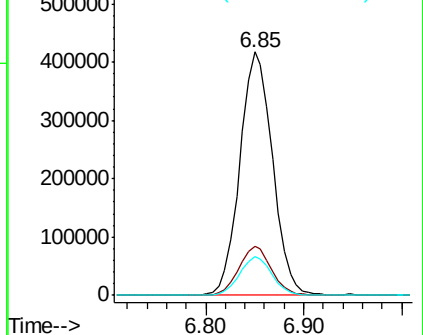
88 15.8 0.0 31.4



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: 48.184 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX013818.D

Acq: 06 Dec 2019 23:14

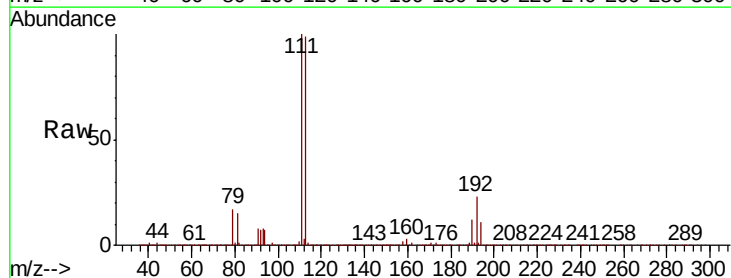
Tgt Ion:113 Resp: 287965

Ion Ratio Lower Upper

113 100

111 101.6 83.6 125.4

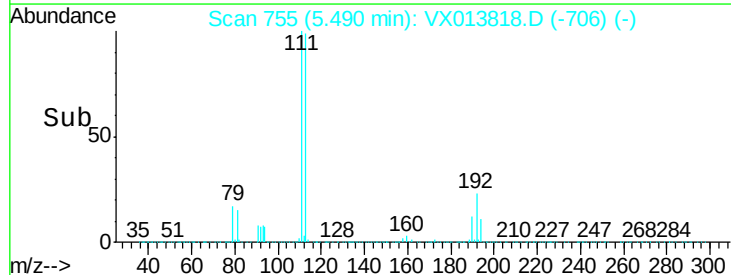
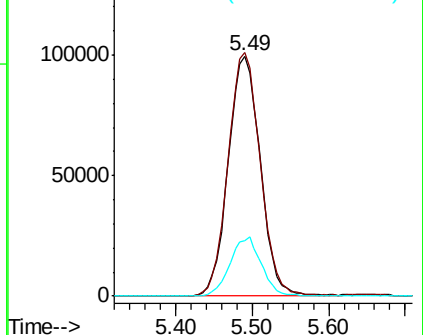
192 24.3 19.2 28.8

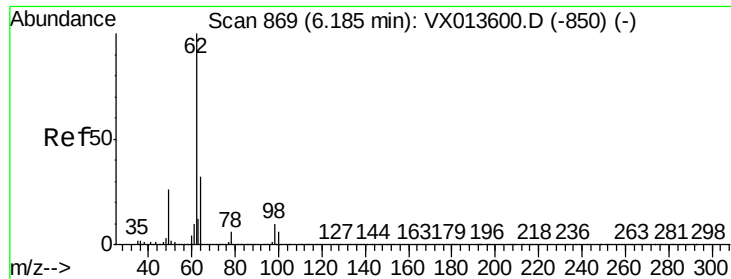


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

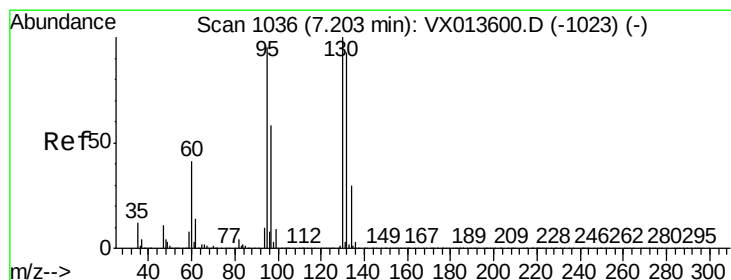
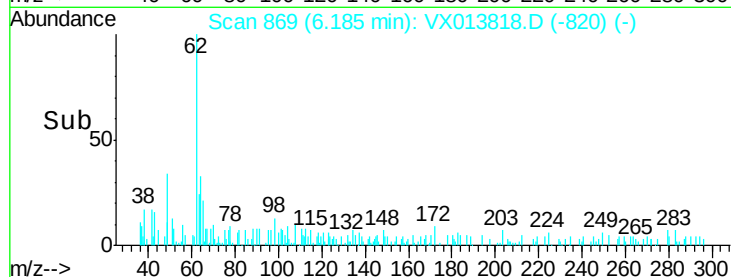
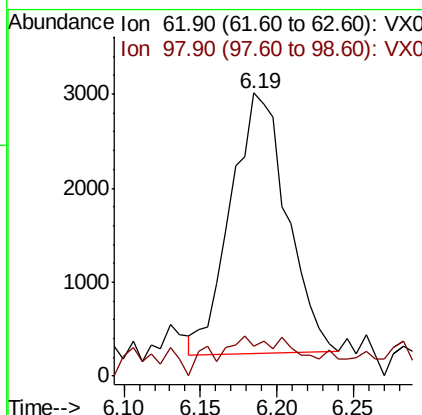
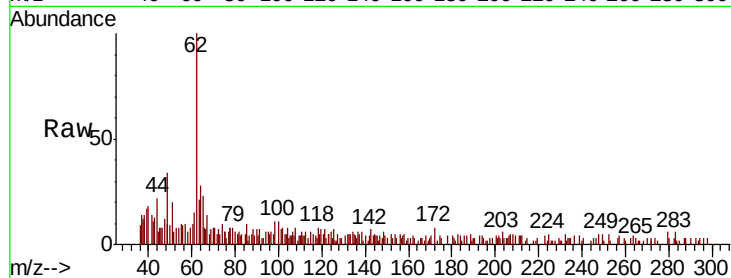




#42
 1,2-Dichloroethane
 Concen: 0.776 ug/l
 RT: 6.19 min Scan# 869
 Delta R.T. 0.00 min
 Lab File: VX013818.D
 Acq: 06 Dec 2019 23:14

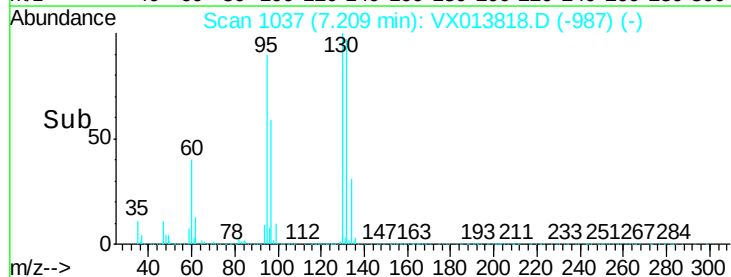
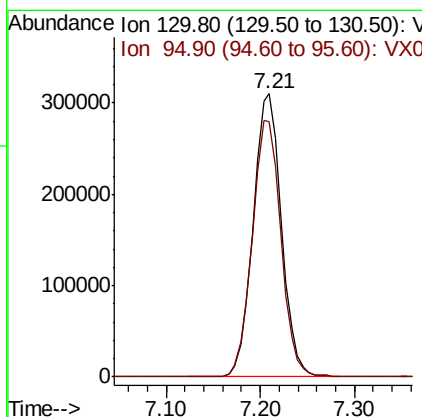
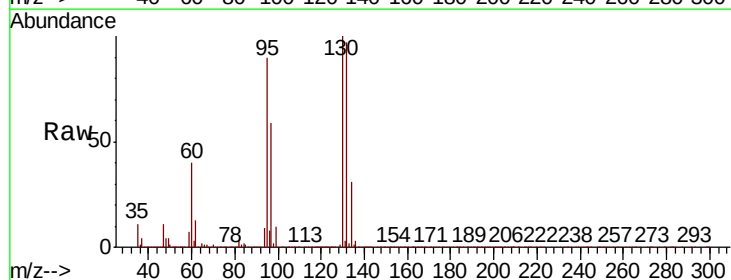
Instrument :
 MSVOA_X
 ClientSampleId :
 RE104D2-20191204

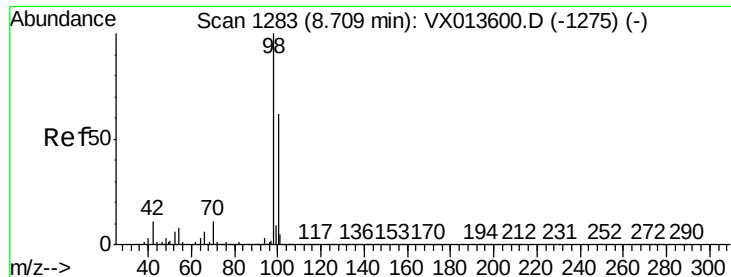
Tot Ion: 62 Resp: 7074
 Ion Ratio Lower Upper
 62 100
 98 11.6 0.0 20.8



#44
 Trichloroethene
 Concen: 88.740 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. 0.01 min
 Lab File: VX013818.D
 Acq: 06 Dec 2019 23:14

Tgt Ion: 130 Resp: 650917
 Ion Ratio Lower Upper
 130 100
 95 89.9 0.0 190.8

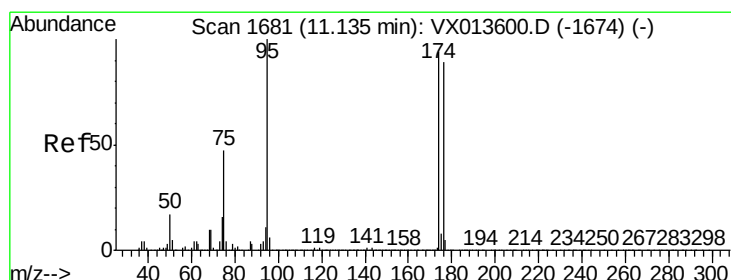
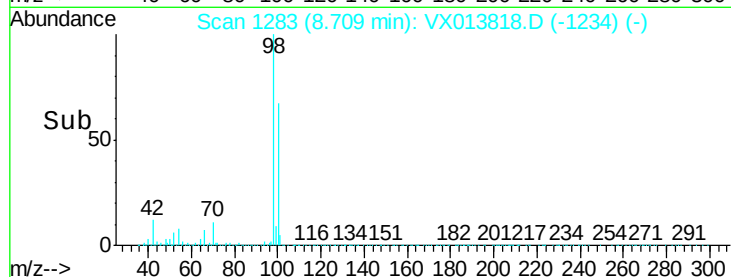
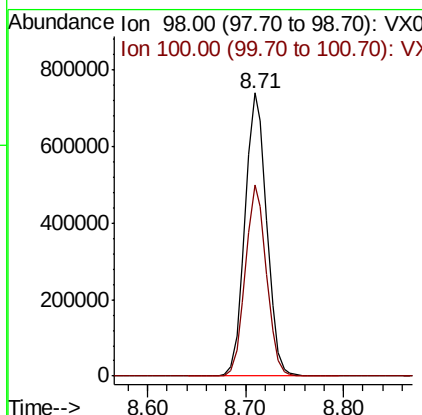
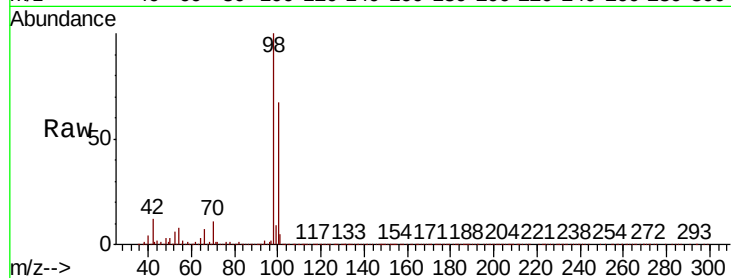




#50
Toluene-d8
Concen: 48.836 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX013818.D
Acq: 06 Dec 2019 23:14

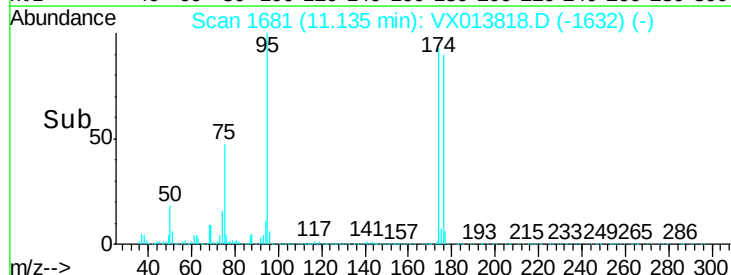
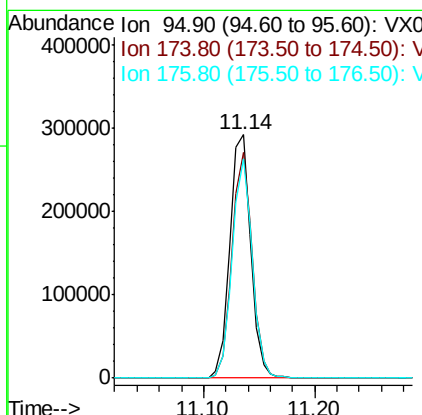
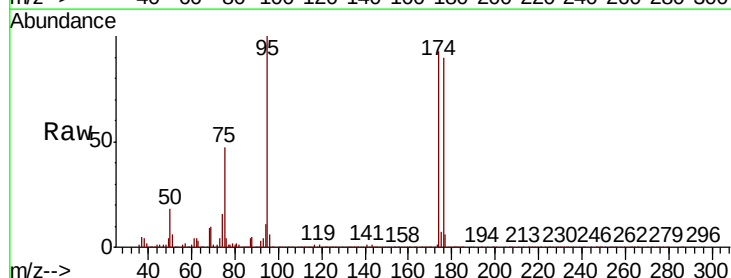
Instrument :
MSVOA_X
ClientSampleId :
RE104D2-20191204

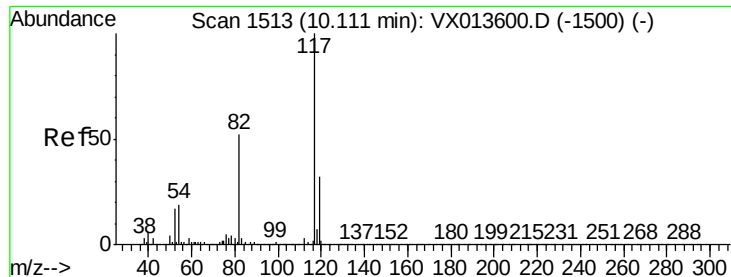
Tot Ion: 98 Resp: 1137136
Ion Ratio Lower Upper
98 100
100 65.9 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 45.111 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX013818.D
Acq: 06 Dec 2019 23:14

Tgt Ion: 95 Resp: 378773
Ion Ratio Lower Upper
95 100
174 89.9 0.0 180.0
176 86.7 0.0 173.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX013818.D

Acq: 06 Dec 2019 23:14

Instrument :

MSVOA_X

ClientSampleId :

RE104D2-20191204

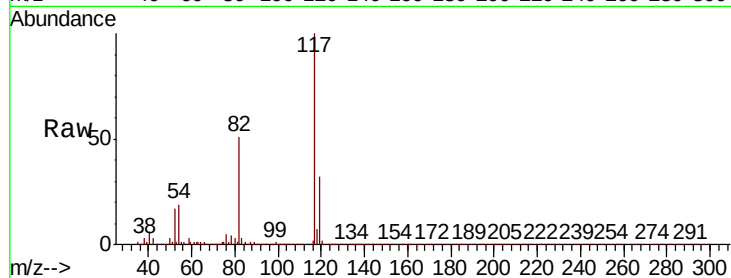
Tot Ion:117 Resp: 860216

Ion Ratio Lower Upper

117 100

82 51.0 41.8 62.8

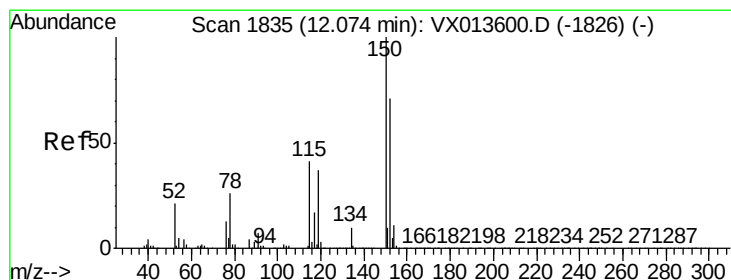
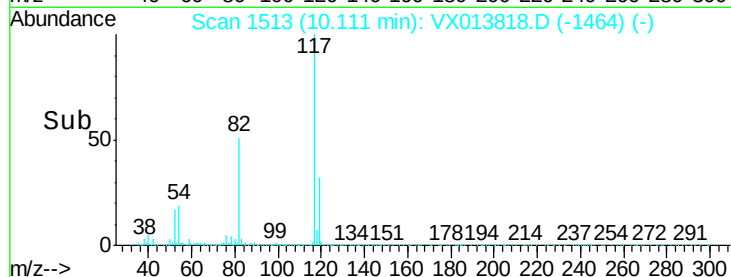
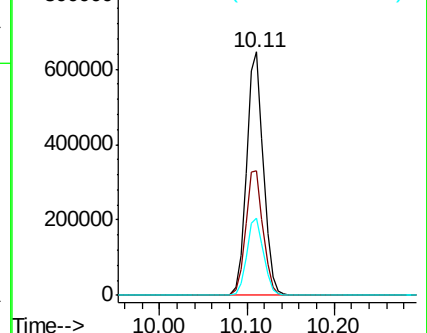
119 31.9 25.8 38.8



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX013818.D

Acq: 06 Dec 2019 23:14

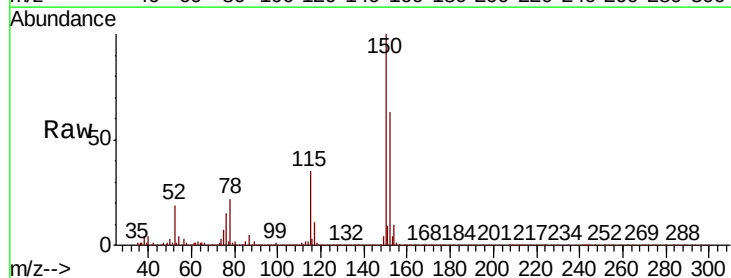
Tgt Ion:152 Resp: 372841

Ion Ratio Lower Upper

152 100

115 54.4 38.4 115.1

150 156.9 0.0 346.8



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

