

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092320\
 Data File : VX018553.D
 Acq On : 23 Sep 2020 22:30
 Operator : JC/SP
 Sample : L4083-18
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP03-20200917

Quant Time: Sep 24 01:49:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 17 12:17:36 2020
 Response via : Initial Calibration

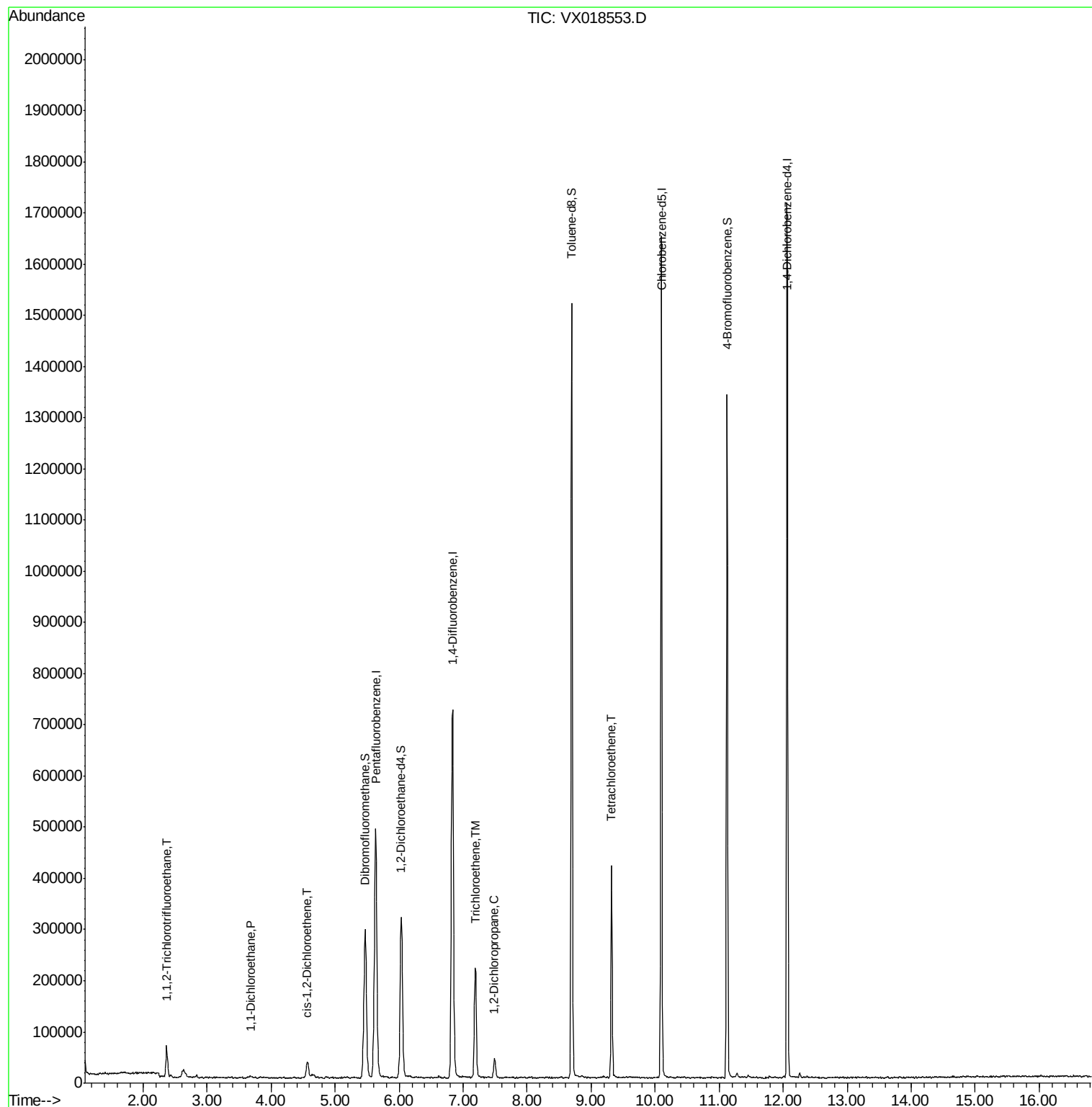
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	444440	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	715532	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	704358	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	349585	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	317407	50.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.96%	
35) Dibromofluoromethane	5.47	113	249471	50.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.86%	
50) Toluene-d8	8.70	98	872708	48.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.12%	
62) 4-Bromofluorobenzene	11.12	95	325055	45.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.94%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	2.37	101	22255	5.212	ug/l	96
24) 1,1-Dichloroethane	3.68	63	4276	0.473	ug/l #	94
27) cis-1,2-Dichloroethene	4.56	96	20616	3.677	ug/l	86
44) Trichloroethene	7.20	130	84631	14.688	ug/l	91
45) 1,2-Dichloropropane	7.49	63	15147	2.773	ug/l #	87
64) Tetrachloroethene	9.32	164	78490	14.154	ug/l	92

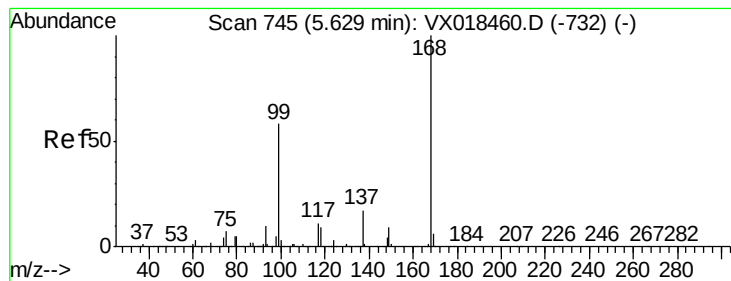
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX018553.D

Acq: 23 Sep 2020 22:30

Instrument :

MSVOA_X

ClientSampleId :

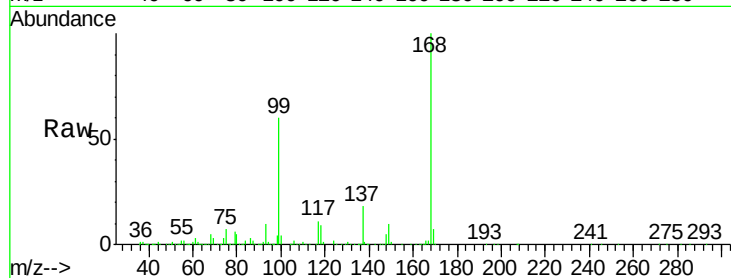
DUP03-20200917

Tot Ion:168 Resp: 444440

Ion Ratio Lower Upper

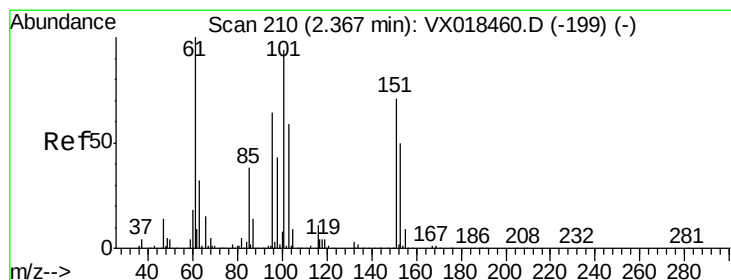
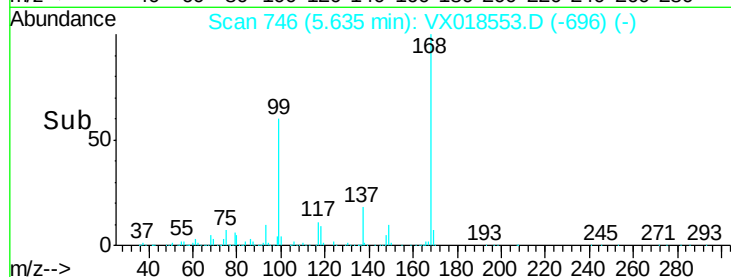
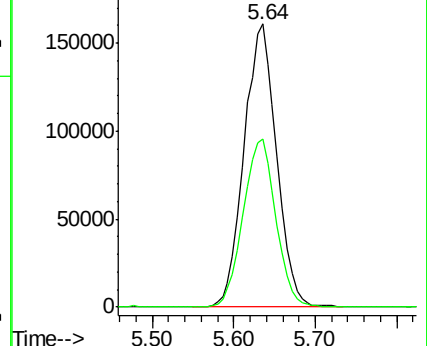
168 100

99 59.5 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.212 ug/l

RT: 2.37 min Scan# 211

Delta R.T. 0.01 min

Lab File: VX018553.D

Acq: 23 Sep 2020 22:30

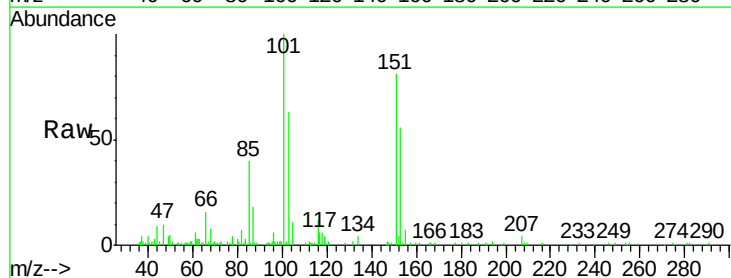
Tgt Ion:101 Resp: 22255

Ion Ratio Lower Upper

101 100

85 43.2 34.7 52.1

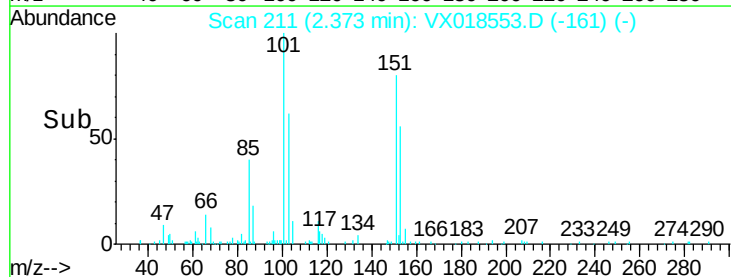
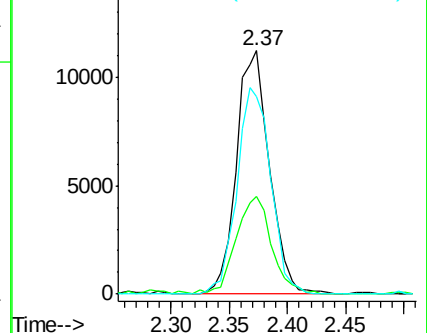
151 86.5 64.9 97.3

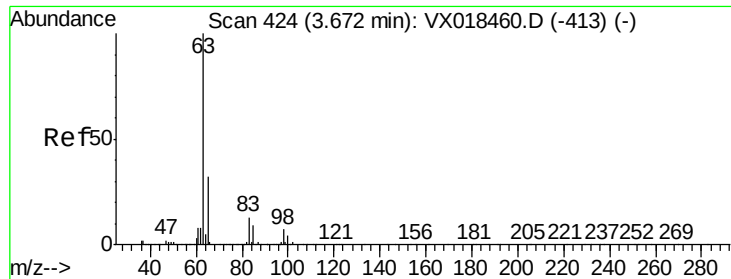


Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V





#24

1,1-Dichloroethane

Concen: 0.473 ug/l

RT: 3.68 min Scan# 425

Delta R.T. 0.01 min

Lab File: VX018553.D

Acq: 23 Sep 2020 22:30

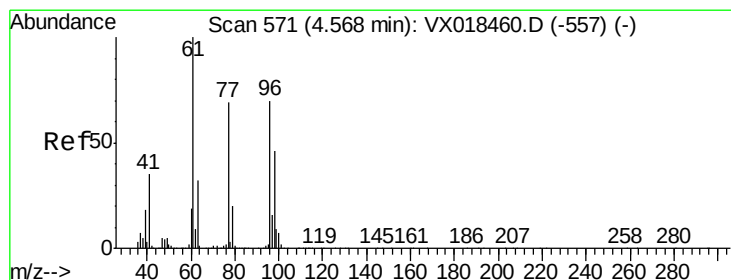
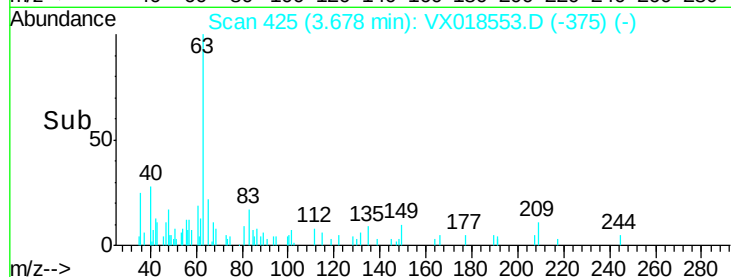
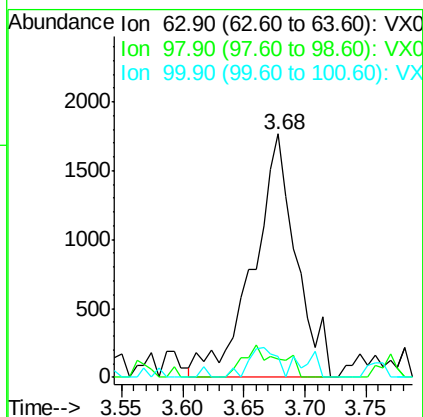
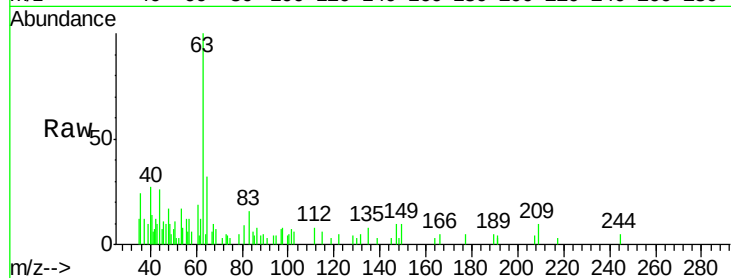
Instrument :

MSVOA_X

ClientSampleId :

DUP03-20200917

Tot Ion:	63	Resp:	4276
Ion	Ratio	Lower	Upper
63	100		
98	7.6	3.5	10.6
100	8.8	1.9	5.7#



#27

cis-1,2-Dichloroethene

Concen: 3.677 ug/l

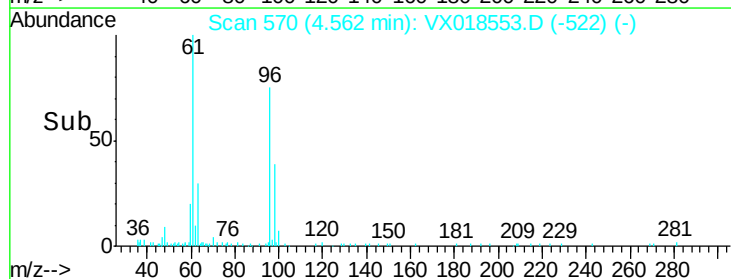
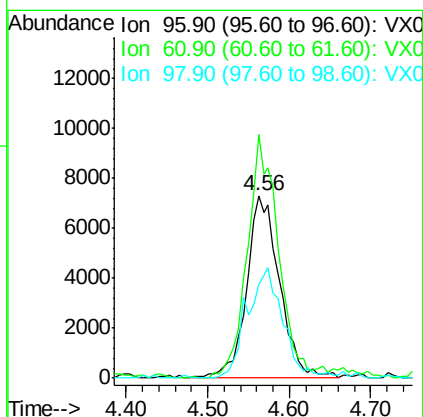
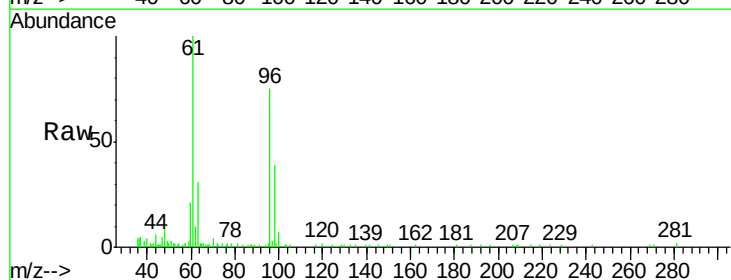
RT: 4.56 min Scan# 570

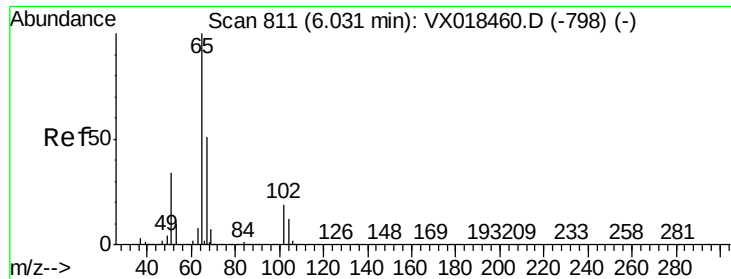
Delta R.T. -0.01 min

Lab File: VX018553.D

Acq: 23 Sep 2020 22:30

Tgt Ion:	96	Resp:	20616
Ion	Ratio	Lower	Upper
96	100		
61	124.6	0.0	300.0
98	65.9	0.0	130.4

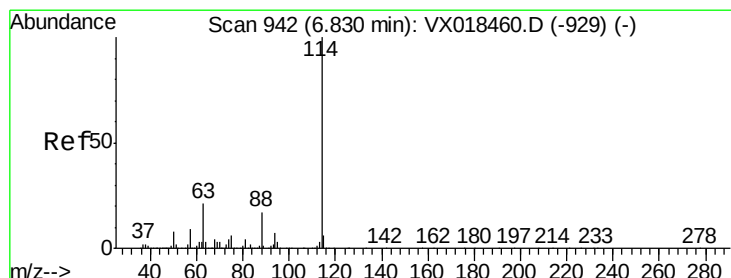
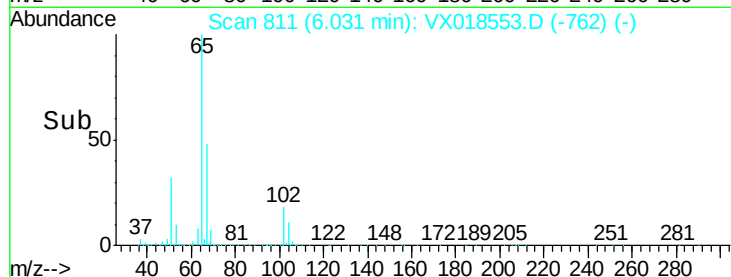
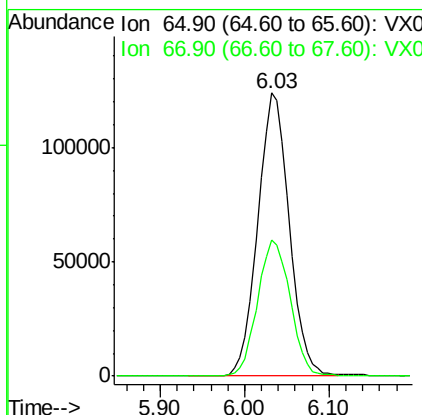
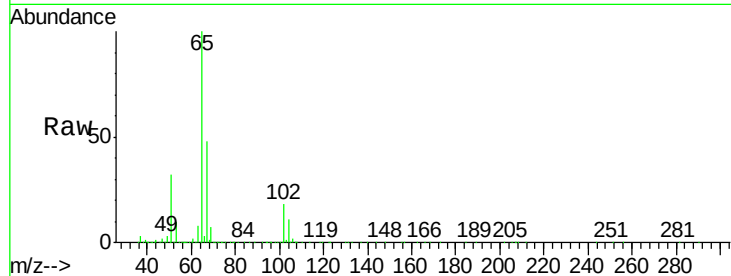




#33
 1,2-Dichloroethane-d4
 Concen: 50.484 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX018553.D
 Acq: 23 Sep 2020 22:30

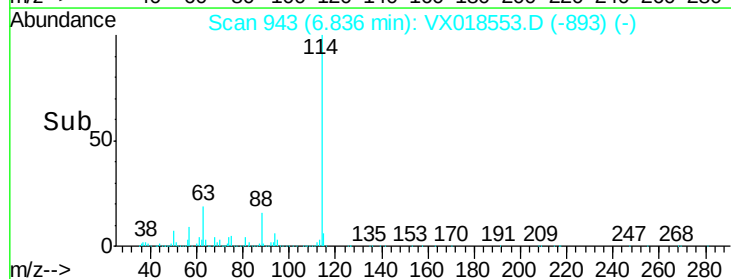
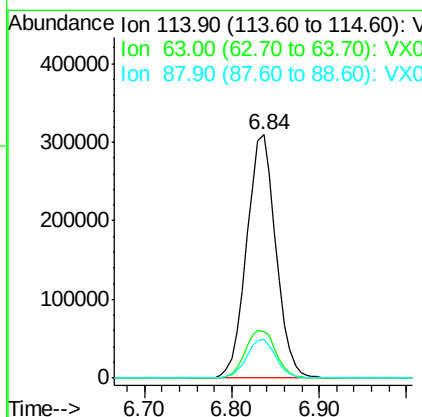
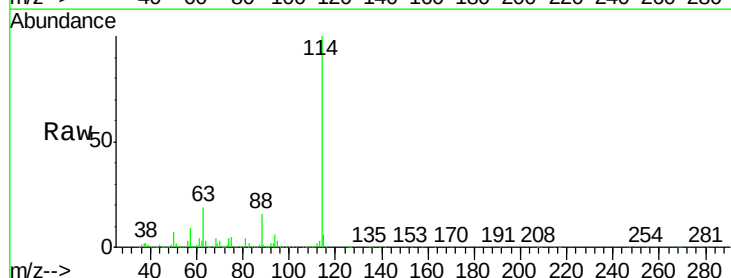
Instrument :
 MSVOA_X
 ClientSampleId :
 DUP03-20200917

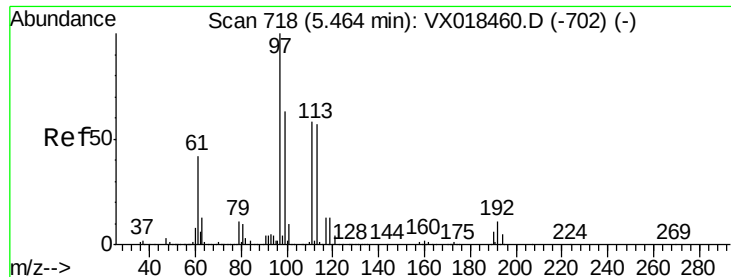
Tot Ion: 65 Resp: 317407
 Ion Ratio Lower Upper
 65 100
 67 49.9 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 943
 Delta R.T. 0.01 min
 Lab File: VX018553.D
 Acq: 23 Sep 2020 22:30

Tgt Ion: 114 Resp: 715532
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 42.8
 88 15.7 0.0 33.6

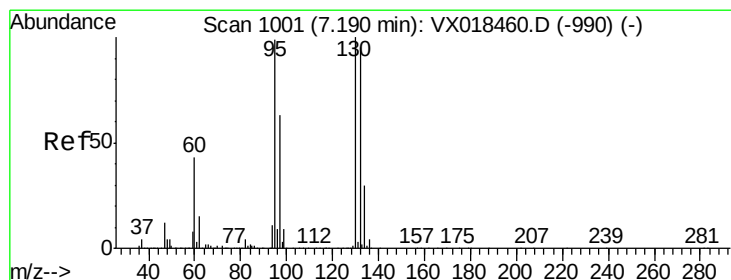
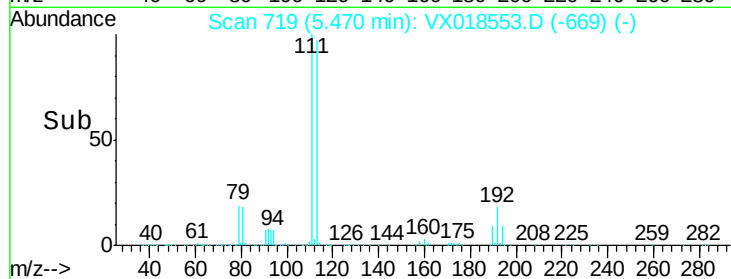
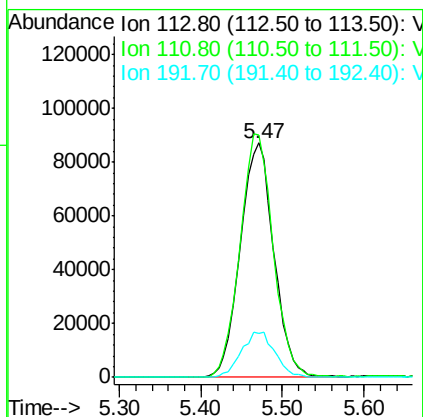
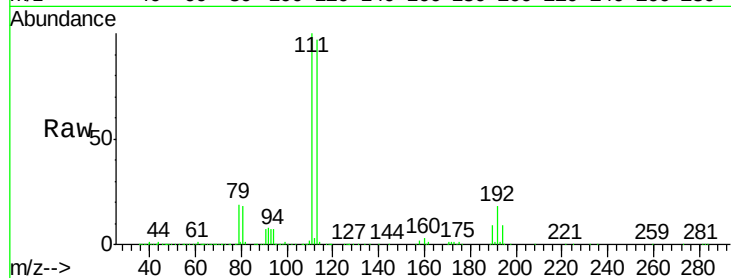




#35
Dibromofluoromethane
Concen: 50.433 ug/l
RT: 5.47 min Scan# 719
Delta R.T. 0.01 min
Lab File: VX018553.D
Acq: 23 Sep 2020 22:30

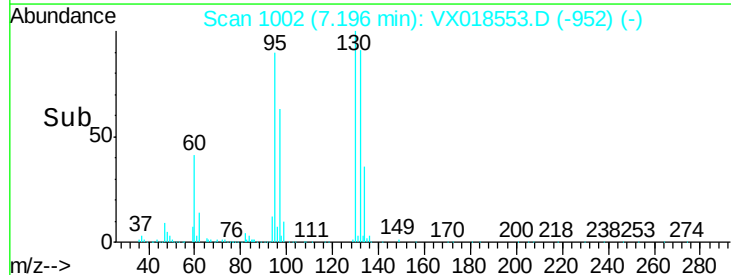
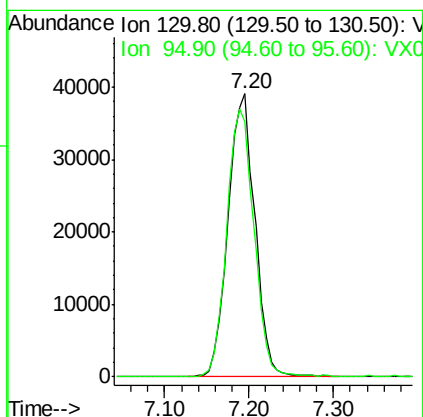
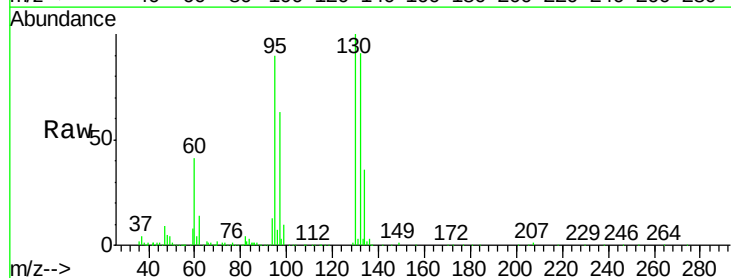
Instrument :
MSVOA_X
ClientSampleId :
DUP03-20200917

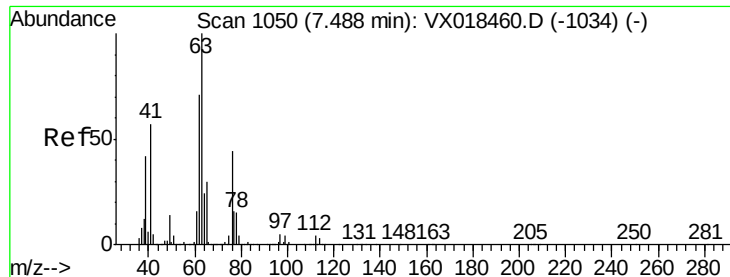
Tot Ion:113 Resp: 249471
Ion Ratio Lower Upper
113 100
111 103.0 81.4 122.2
192 19.4 16.6 24.8



#44
Trichloroethene
Concen: 14.688 ug/l
RT: 7.20 min Scan# 1002
Delta R.T. 0.01 min
Lab File: VX018553.D
Acq: 23 Sep 2020 22:30

Tgt Ion:130 Resp: 84631
Ion Ratio Lower Upper
130 100
95 89.8 0.0 197.4

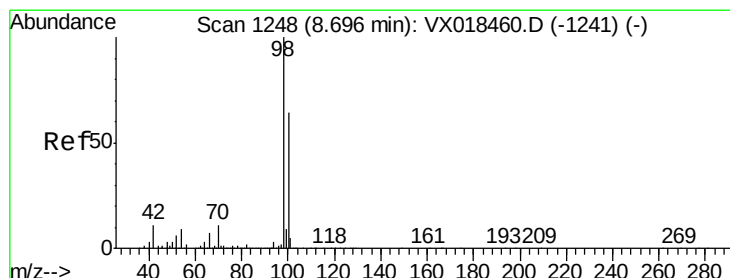
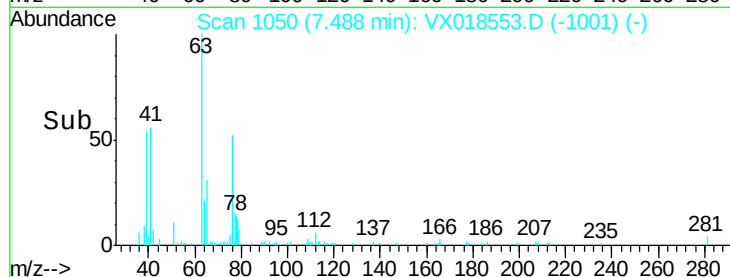
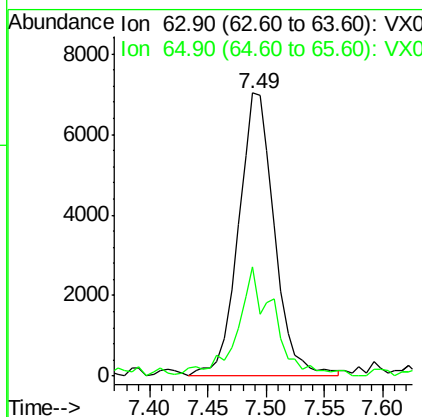
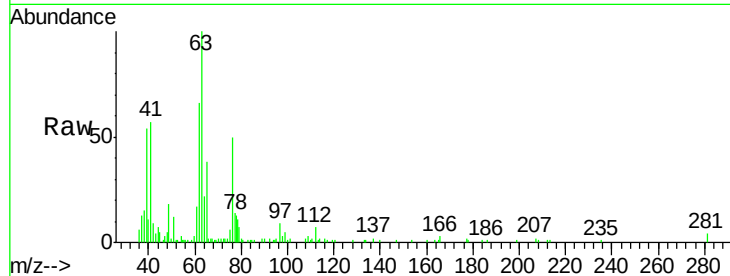




#45
 1,2-Dichloropropane
 Concen: 2.773 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VX018553.D
 Acq: 23 Sep 2020 22:30

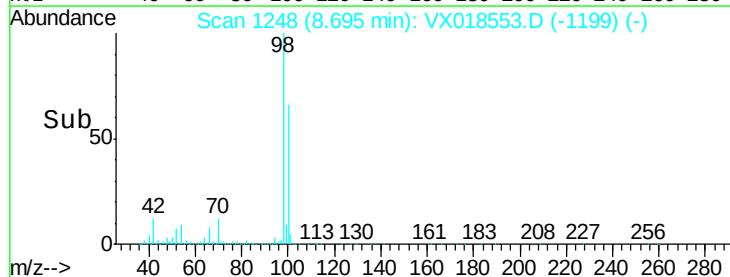
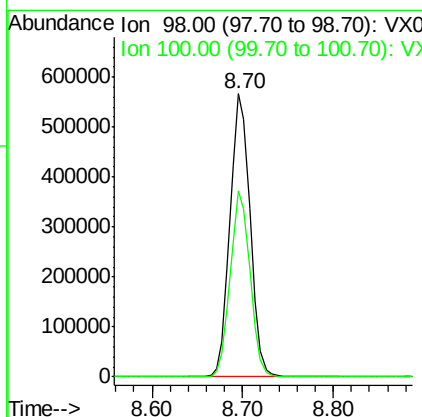
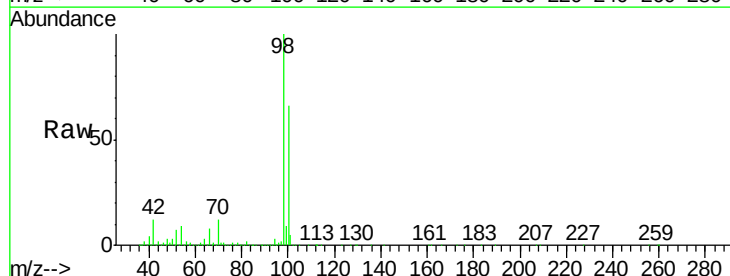
Instrument :
 MSVOA_X
 ClientSampleId :
 DUP03-20200917

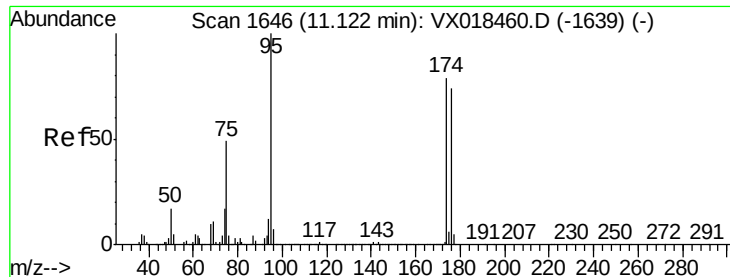
Tot Ion: 63 Resp: 15147
 Ion Ratio Lower Upper
 63 100
 65 37.1 24.1 36.1#



#50
 Toluene-d8
 Concen: 48.558 ug/l
 RT: 8.70 min Scan# 1248
 Delta R.T. -0.00 min
 Lab File: VX018553.D
 Acq: 23 Sep 2020 22:30

Tgt Ion: 98 Resp: 872708
 Ion Ratio Lower Upper
 98 100
 100 64.6 51.7 77.5





#62

4-Bromofluorobenzene

Concen: 45.468 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018553.D

Acq: 23 Sep 2020 22:30

Instrument :

MSVOA_X

ClientSampleId :

DUP03-20200917

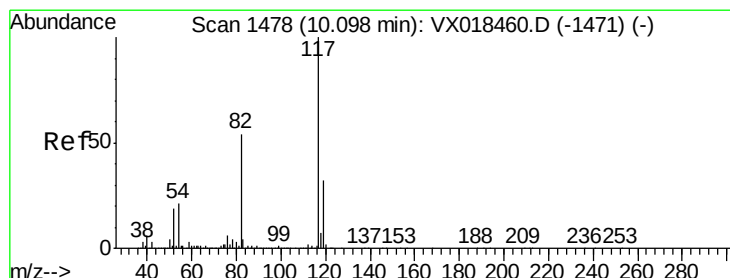
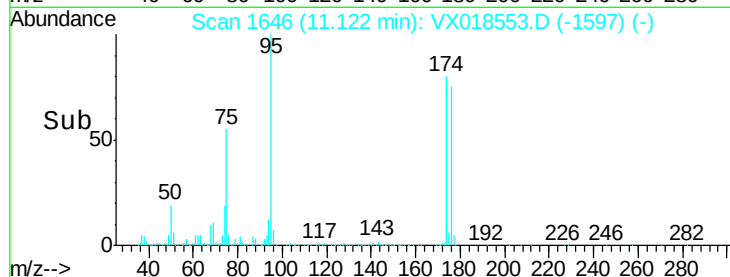
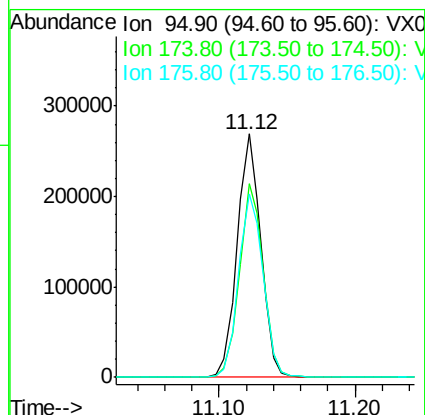
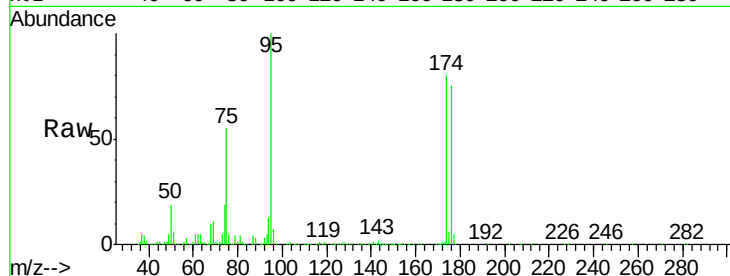
Tot Ion: 95 Resp: 325055

Ion Ratio Lower Upper

95 100

174 79.9 0.0 161.4

176 78.2 0.0 151.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX018553.D

Acq: 23 Sep 2020 22:30

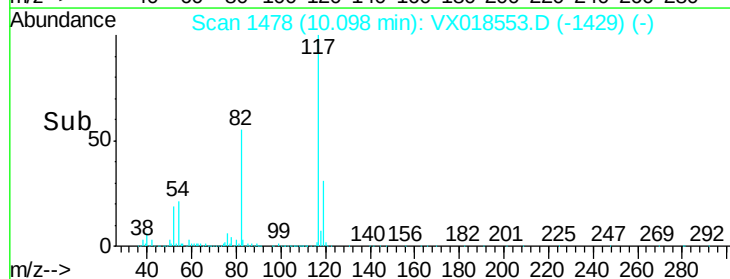
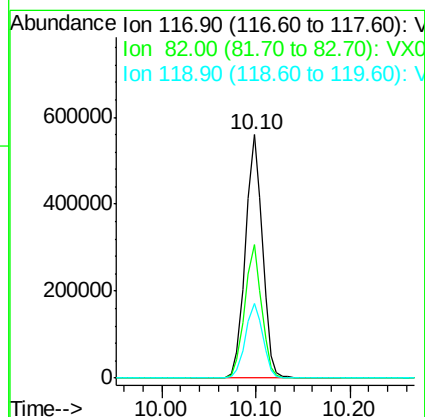
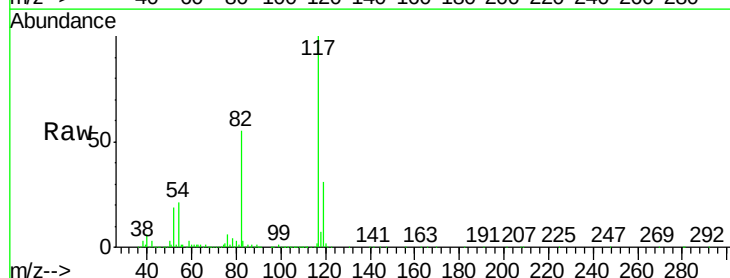
Tgt Ion: 117 Resp: 704358

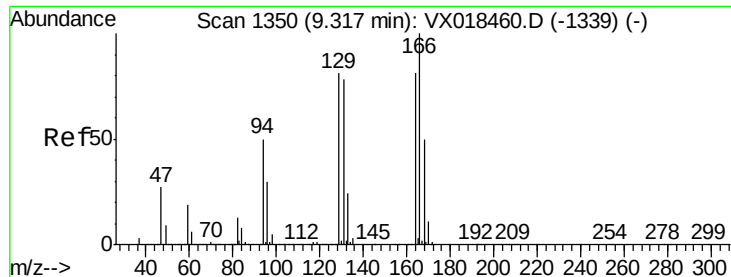
Ion Ratio Lower Upper

117 100

82 54.8 43.3 64.9

119 30.7 25.9 38.9





#64

Tetrachloroethene

Concen: 14.154 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX018553.D

Acq: 23 Sep 2020 22:30

Instrument :

MSVOA_X

ClientSampleId :

DUP03-20200917

Tot Ion:164 Resp: 78490

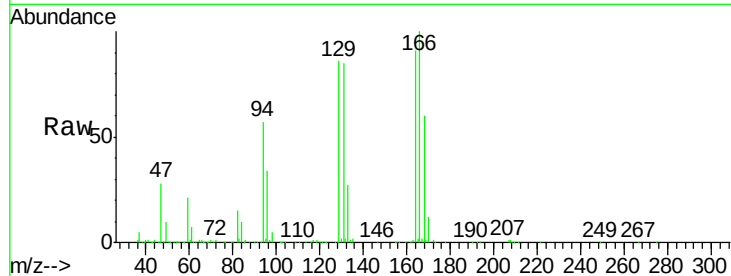
Ion Ratio Lower Upper

164 100

166 110.1 99.3 148.9

129 95.0 80.7 121.1

131 93.2 77.2 115.8

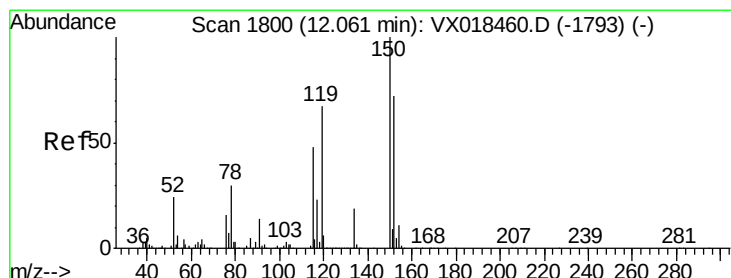
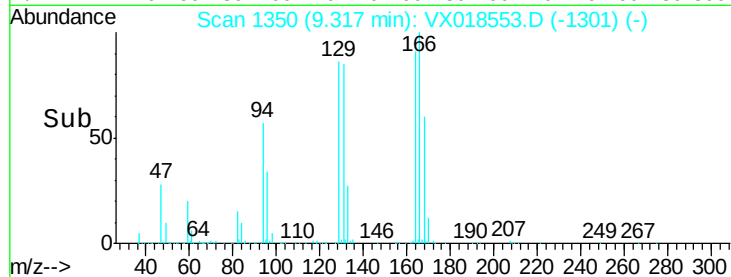
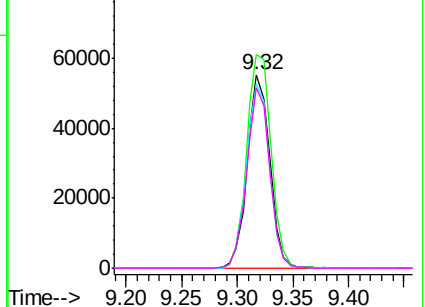


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX018553.D

Acq: 23 Sep 2020 22:30

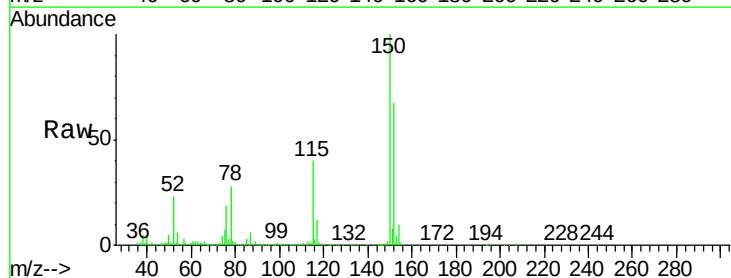
Tgt Ion:152 Resp: 349585

Ion Ratio Lower Upper

152 100

115 59.7 41.8 125.4

150 155.6 0.0 342.4



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

