

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091820\
 Data File : VD066763.D
 Acq On : 18 Sep 2020 13:51
 Operator : VA/SY
 Sample : L3871-13
 Misc : 9.03G/5.00ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TR-05-091720

Quant Time: Sep 19 03:51:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D091520S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 15 16:35:37 2020
 Response via : Initial Calibration

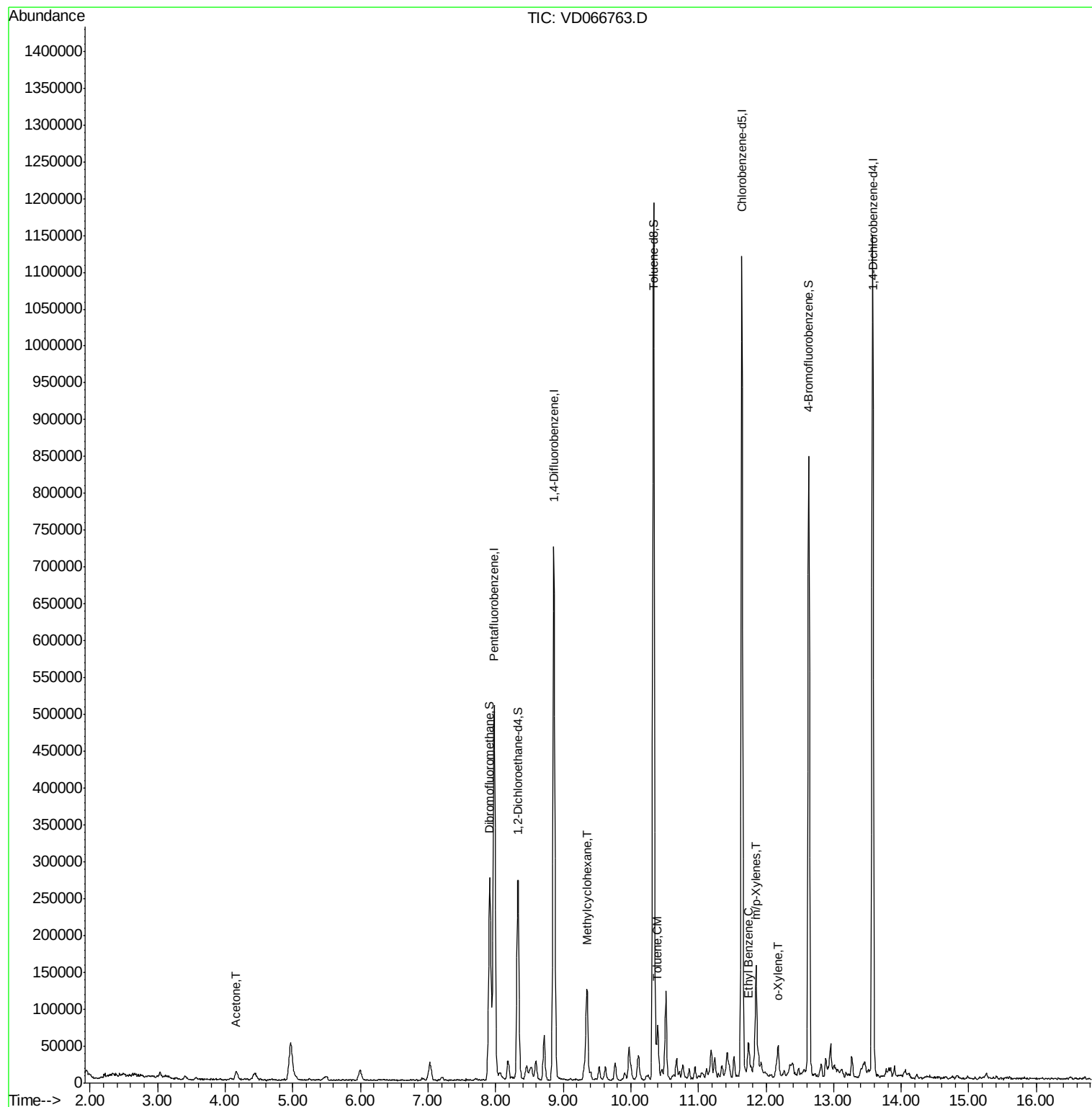
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	322589	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	601057	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	613672	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	275618	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	219235	63.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	127.40%	
35) Dibromofluoromethane	7.91	113	199087	54.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.06%	
50) Toluene-d8	10.34	98	748421	57.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.02%	
62) 4-Bromofluorobenzene	12.63	95	271551	59.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.84%	
Target Compounds						
16) Acetone	4.16	43	21831	31.148	ug/l #	85
39) Methylcyclohexane	9.35	83	44034	6.230	ug/l	96
52) Toluene	10.40	92	27114	2.532	ug/l	92
67) Ethyl Benzene	11.74	91	25665	1.115	ug/l	96
68) m/p-Xylenes	11.85	106	26472	3.043	ug/l	96
69) o-Xylene	12.18	106	9814	1.277	ug/l	92

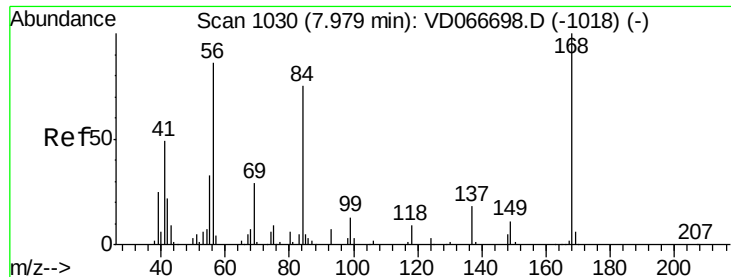
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D091520S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 15 16:35:37 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD066763.D

Acq: 18 Sep 2020 13:51

Instrument :

MSVOA_D

ClientSampleId :

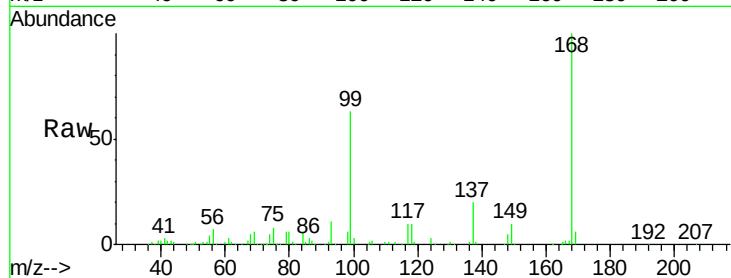
TR-05-091720

Tot Ion:168 Resp: 322589

Ion Ratio Lower Upper

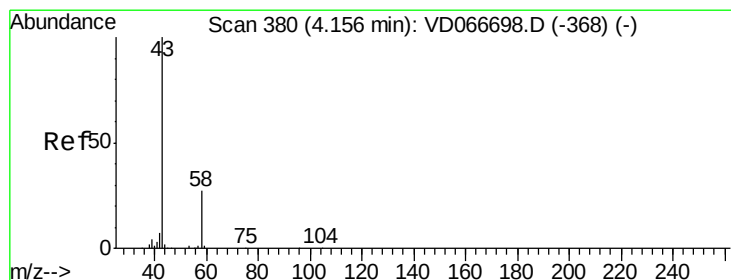
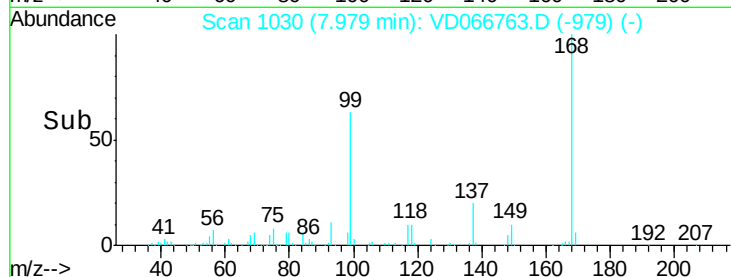
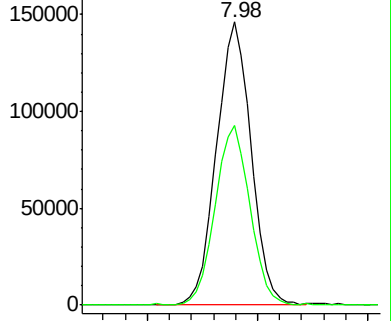
168 100

99 62.9 54.4 81.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 31.148 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.01 min

Lab File: VD066763.D

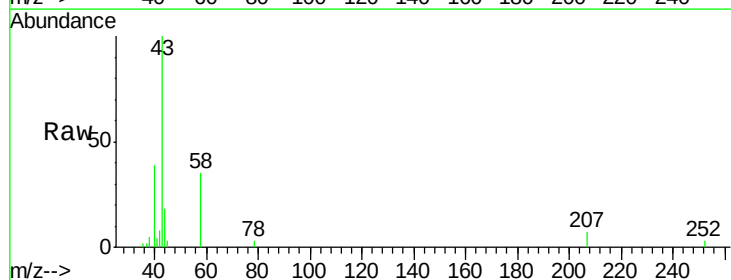
Acq: 18 Sep 2020 13:51

Tgt Ion: 43 Resp: 21831

Ion Ratio Lower Upper

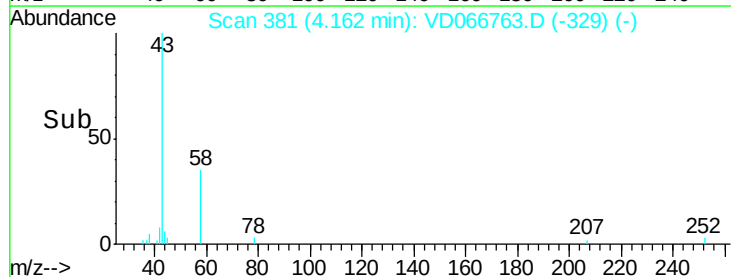
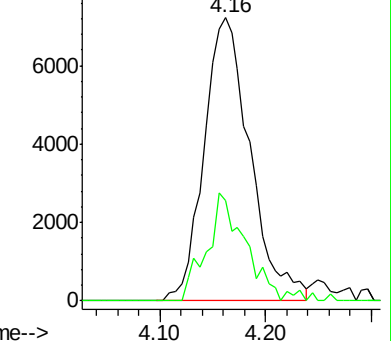
43 100

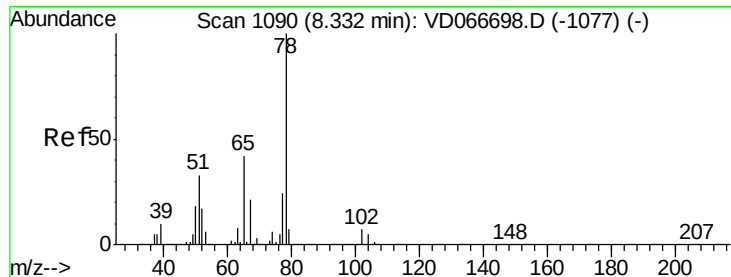
58 35.2 21.9 32.9#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

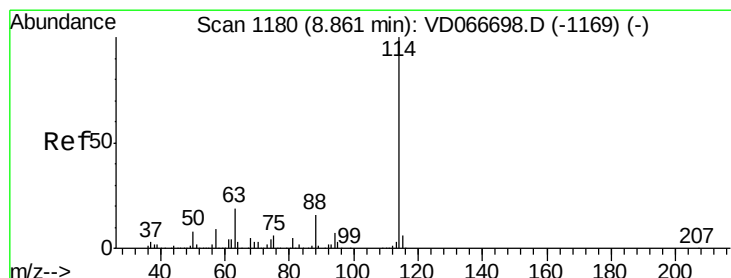
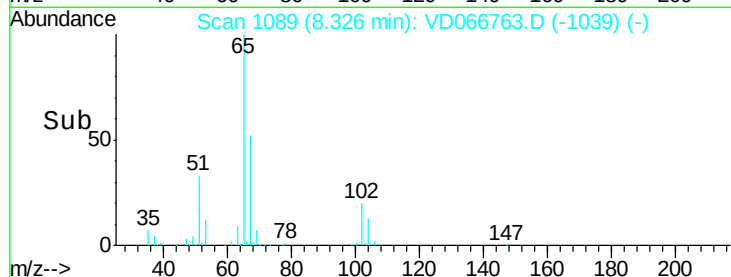
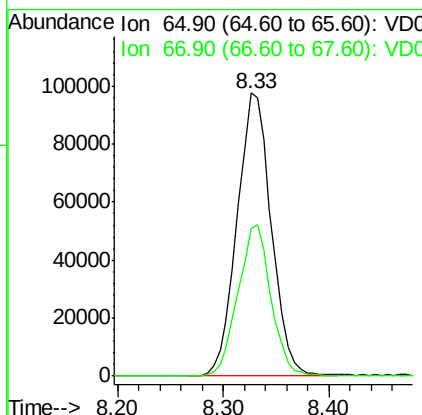
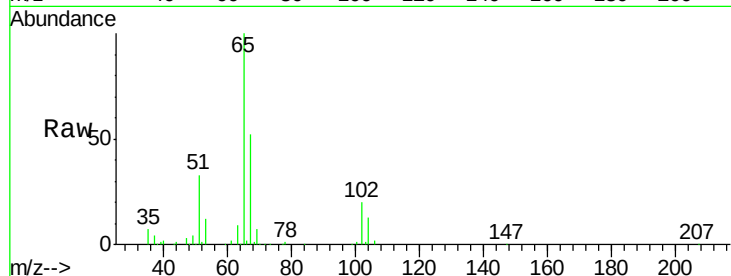




#33
 1,2-Dichloroethane-d4
 Concen: 63.697 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.01 min
 Lab File: VD066763.D
 Acq: 18 Sep 2020 13:51

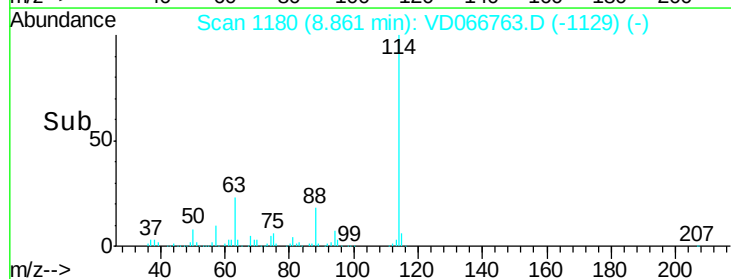
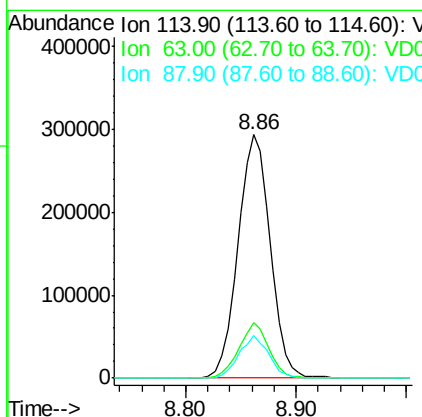
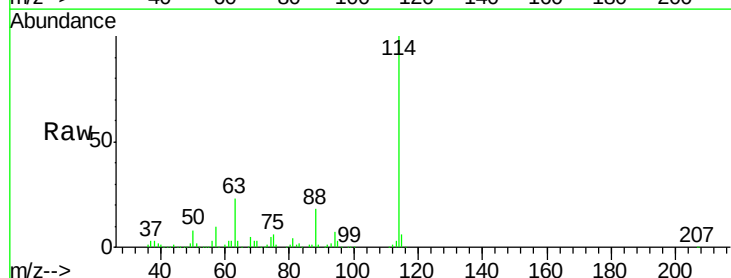
Instrument :
 MSVOA_D
 ClientSampleId :
 TR-05-091720

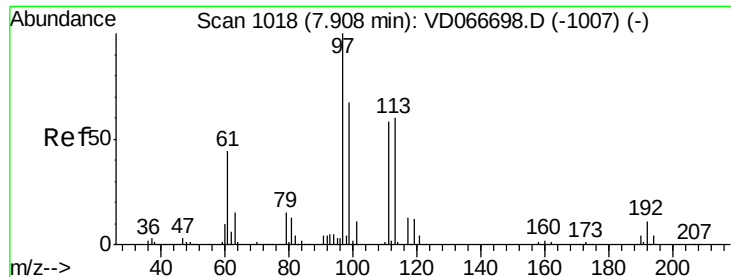
Tot Ion: 65 Resp: 219235
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 102.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066763.D
 Acq: 18 Sep 2020 13:51

Tgt Ion: 114 Resp: 601057
 Ion Ratio Lower Upper
 114 100
 63 22.6 0.0 37.6
 88 17.6 0.0 32.2

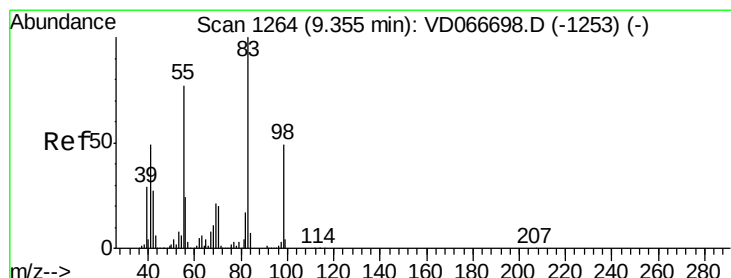
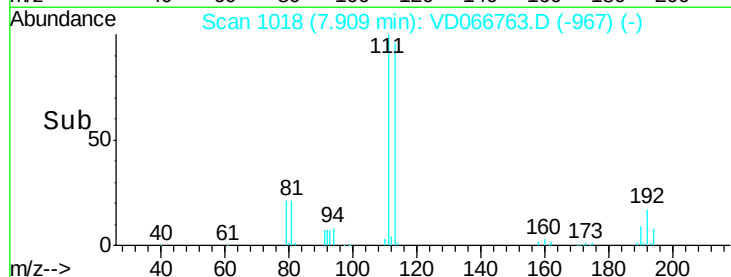
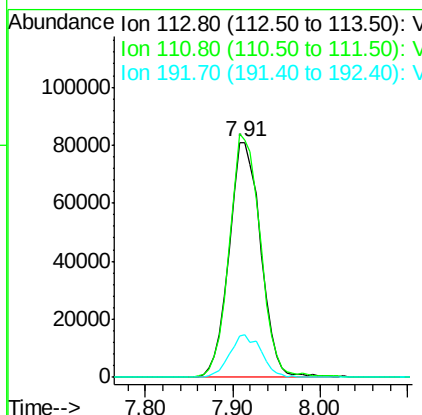
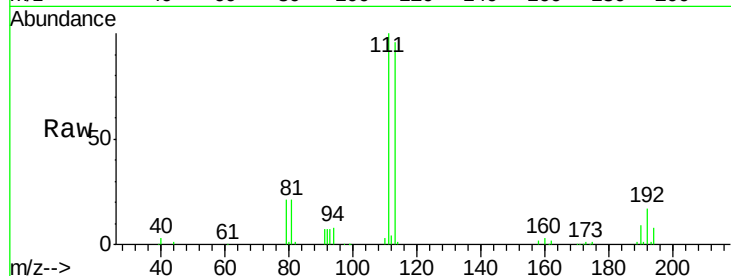




#35
Dibromofluoromethane
Concen: 54.026 ug/l
RT: 7.91 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VD066763.D
Acq: 18 Sep 2020 13:51

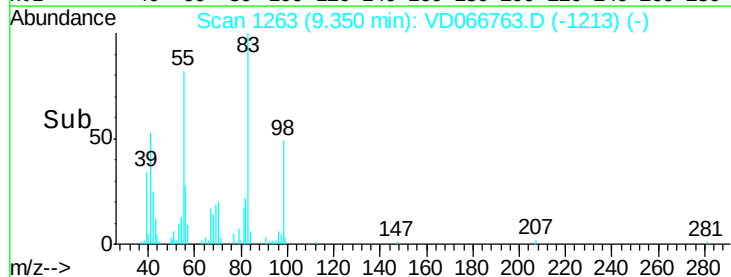
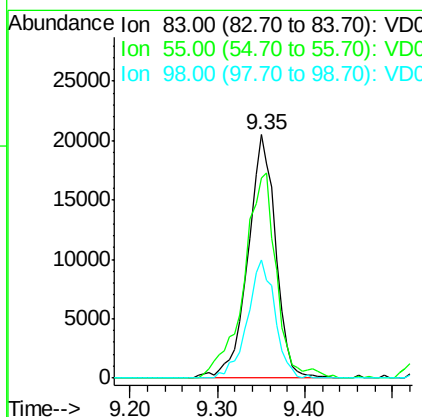
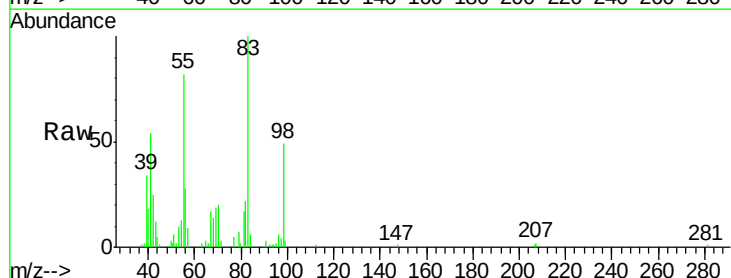
Instrument :
MSVOA_D
ClientSampleId :
TR-05-091720

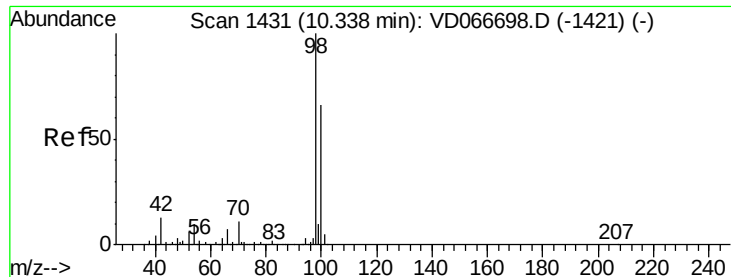
Tot Ion:113 Resp: 199087
Ion Ratio Lower Upper
113 100
111 101.3 83.2 124.8
192 18.2 14.8 22.2



#39
Methylcyclohexane
Concen: 6.230 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. -0.01 min
Lab File: VD066763.D
Acq: 18 Sep 2020 13:51

Tgt Ion: 83 Resp: 44034
Ion Ratio Lower Upper
83 100
55 82.3 61.5 92.3
98 48.7 39.3 58.9

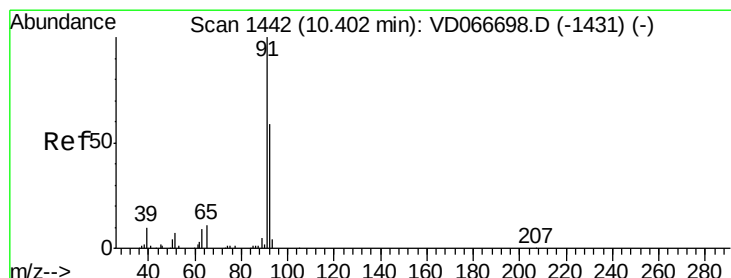
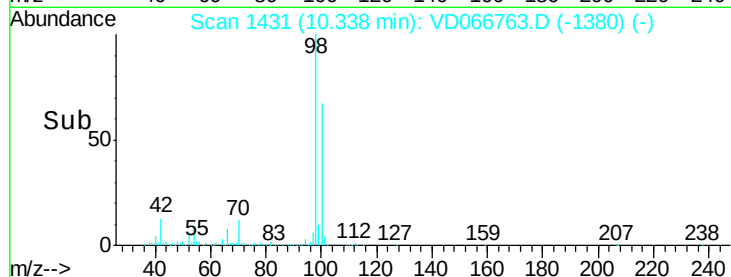
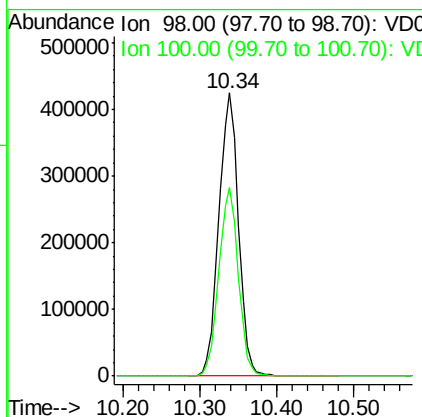
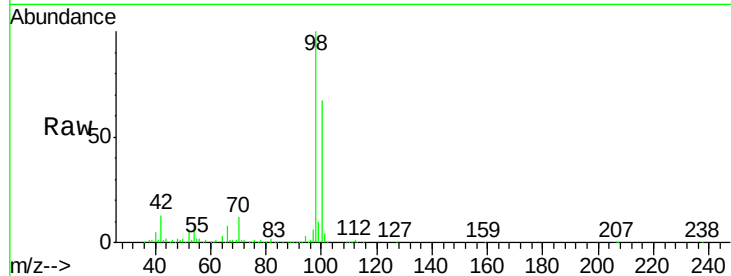




#50
Toluene-d8
Concen: 57.005 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD066763.D
Acq: 18 Sep 2020 13:51

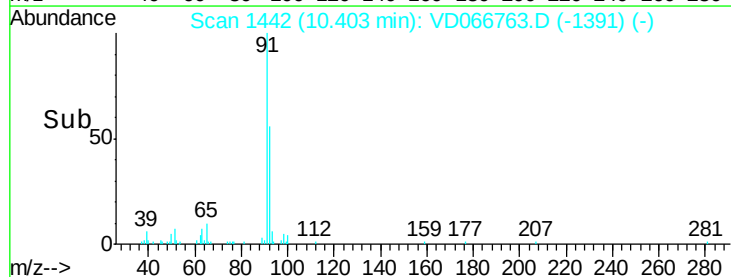
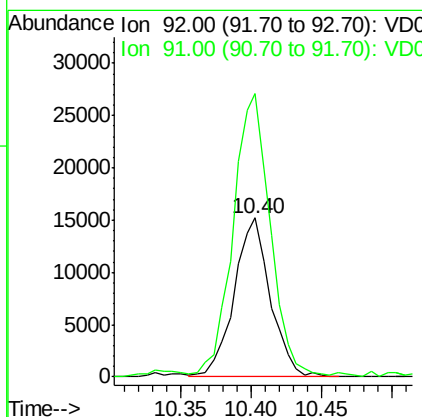
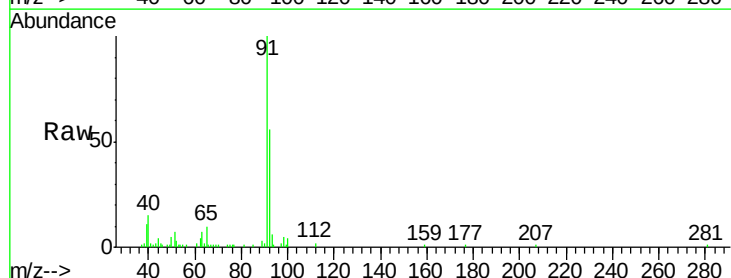
Instrument :
MSVOA_D
ClientSampleId :
TR-05-091720

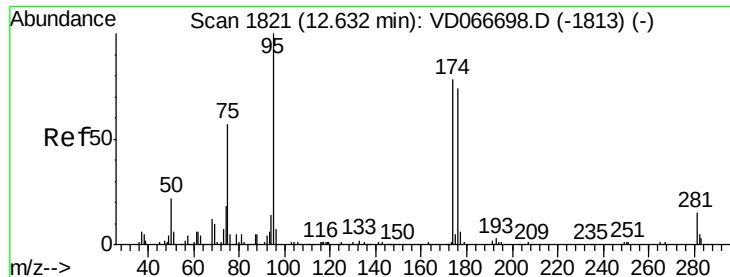
Tot Ion: 98 Resp: 748421
Ion Ratio Lower Upper
98 100
100 66.2 52.7 79.1



#52
Toluene
Concen: 2.532 ug/l
RT: 10.40 min Scan# 1442
Delta R.T. 0.00 min
Lab File: VD066763.D
Acq: 18 Sep 2020 13:51

Tgt Ion: 92 Resp: 27114
Ion Ratio Lower Upper
92 100
91 181.2 135.8 203.8

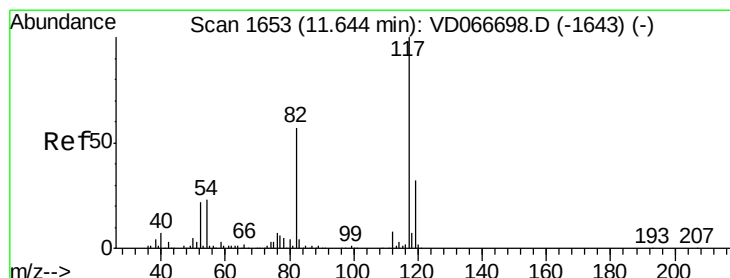
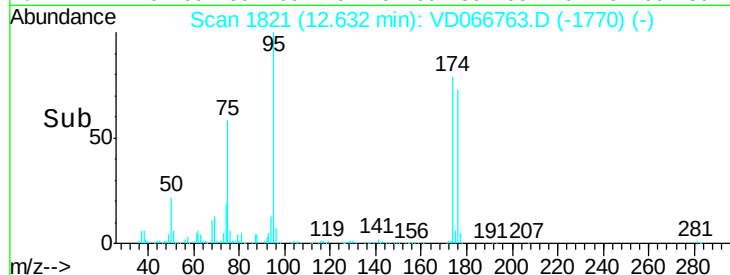
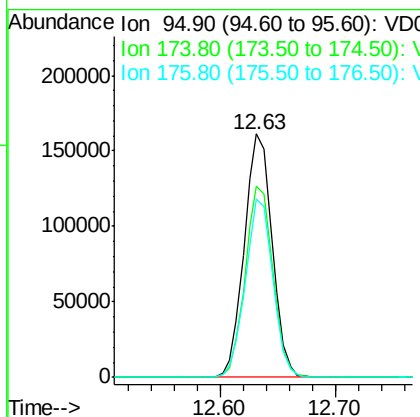
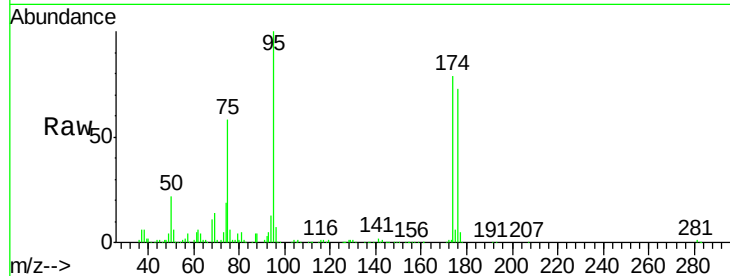




#62
4-Bromofluorobenzene
Concen: 59.919 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. 0.00 min
Lab File: VD066763.D
Acq: 18 Sep 2020 13:51

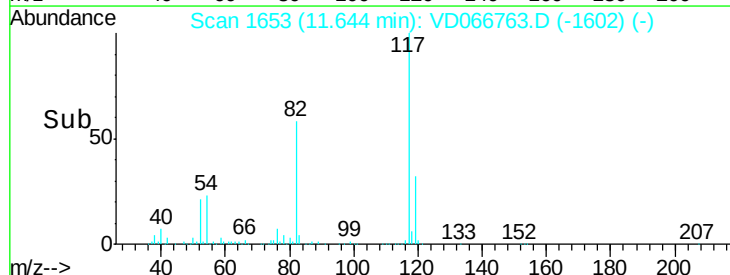
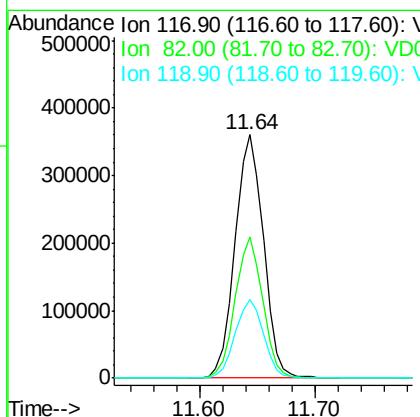
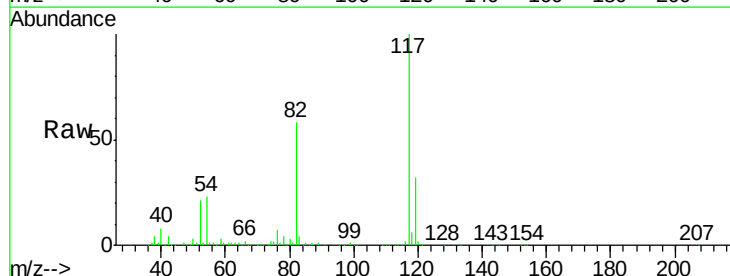
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ClientSampleId :
TR-05-091720

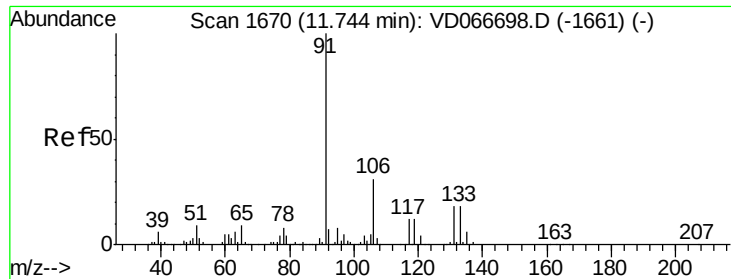
Tot Ion: 95 Resp: 271551
Ion Ratio Lower Upper
95 100
174 77.9 0.0 156.6
176 72.2 0.0 150.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066763.D
Acq: 18 Sep 2020 13:51

Tgt Ion: 117 Resp: 613672
Ion Ratio Lower Upper
117 100
82 57.6 45.4 68.0
119 32.1 25.8 38.6





#67

Ethyl Benzene

Concen: 1.115 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VD066763.D

Acq: 18 Sep 2020 13:51

Instrument :

MSVOA_D

ClientSampleId :

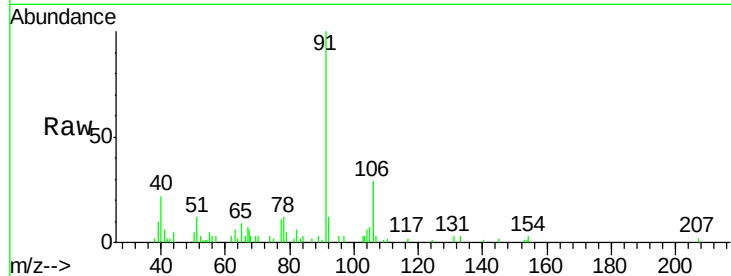
TR-05-091720

Tot Ion: 91 Resp: 25665

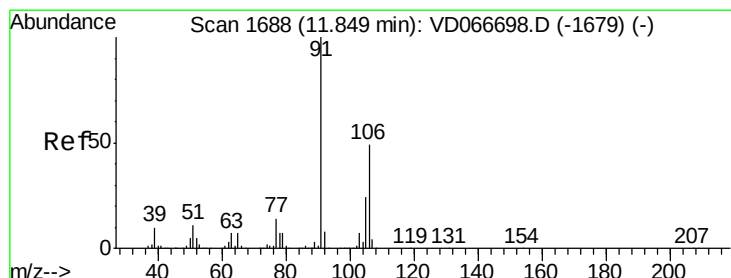
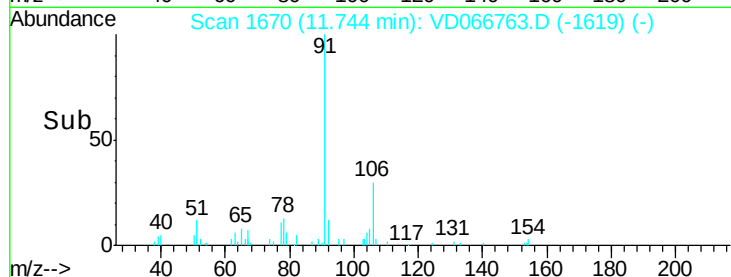
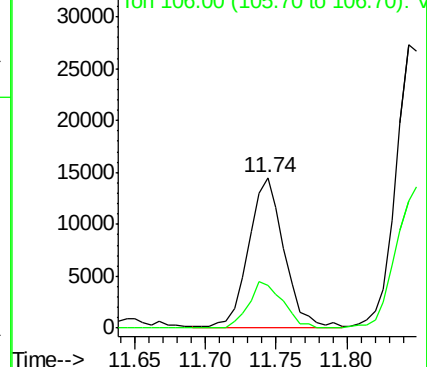
Ion Ratio Lower Upper

91 100

106 29.2 25.1 37.7



Abundance Ion 91.00 (90.70 to 91.70): V



#68

m/p-Xylenes

Concen: 3.043 ug/l

RT: 11.85 min Scan# 1688

Delta R.T. 0.00 min

Lab File: VD066763.D

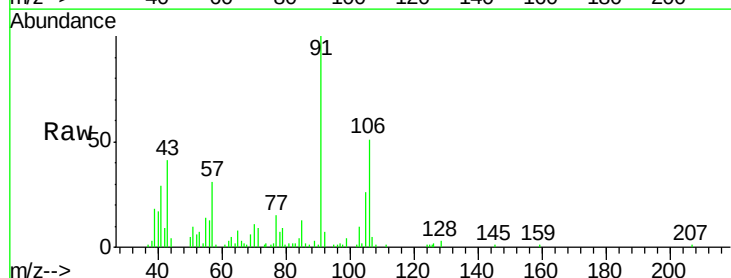
Acq: 18 Sep 2020 13:51

Tgt Ion: 106 Resp: 26472

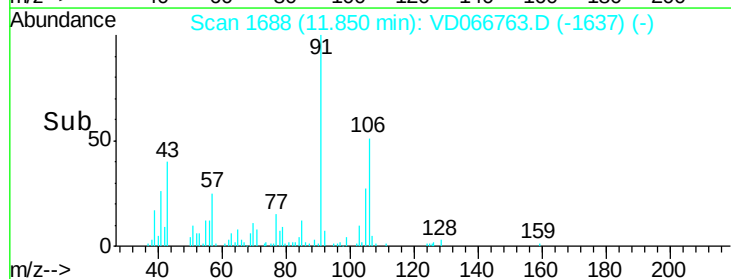
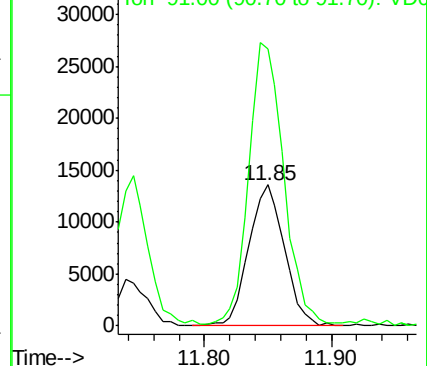
Ion Ratio Lower Upper

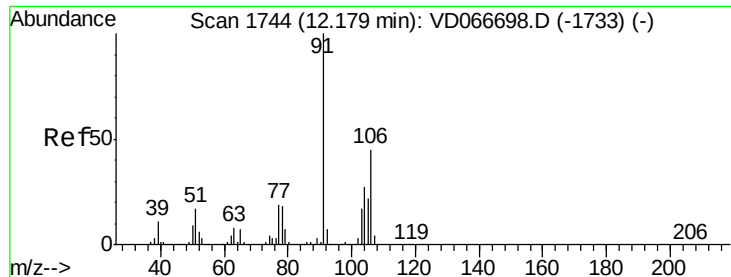
106 100

91 200.0 164.8 247.2



Abundance Ion 106.00 (105.70 to 106.70): V

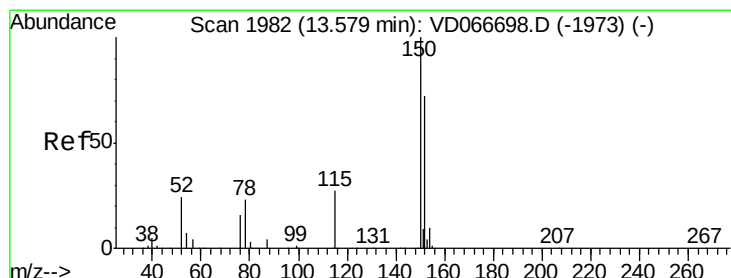
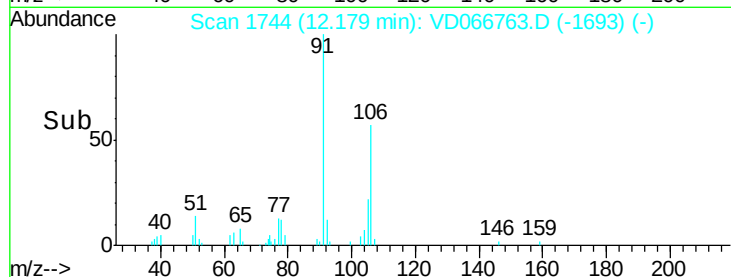
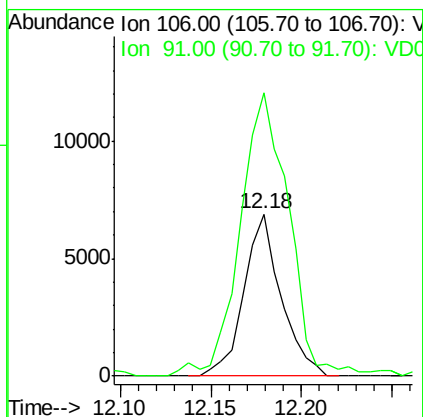
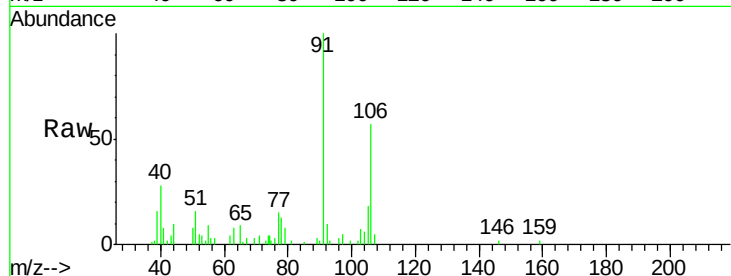




#69
o-Xylene
Concen: 1.277 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. 0.00 min
Lab File: VD066763.D
Acq: 18 Sep 2020 13:51

Instrument :
MSVOA_D
ClientSampleId :
TR-05-091720

Tot Ion:106 Resp: 9814
Ion Ratio Lower Upper
106 100
91 230.9 109.4 328.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD066763.D
Acq: 18 Sep 2020 13:51

Tgt Ion:152 Resp: 275618
Ion Ratio Lower Upper
152 100
115 62.3 30.5 91.5
150 156.2 0.0 344.6

