

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092220\
 Data File : VD066820.D
 Acq On : 22 Sep 2020 19:30
 Operator : VA/SY
 Sample : L4100-01
 Misc : 6.29G/5.00ml/MSVOA D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 024

Quant Time: Sep 23 03:26:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D092220S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 23 01:34:05 2020
 Response via : Initial Calibration

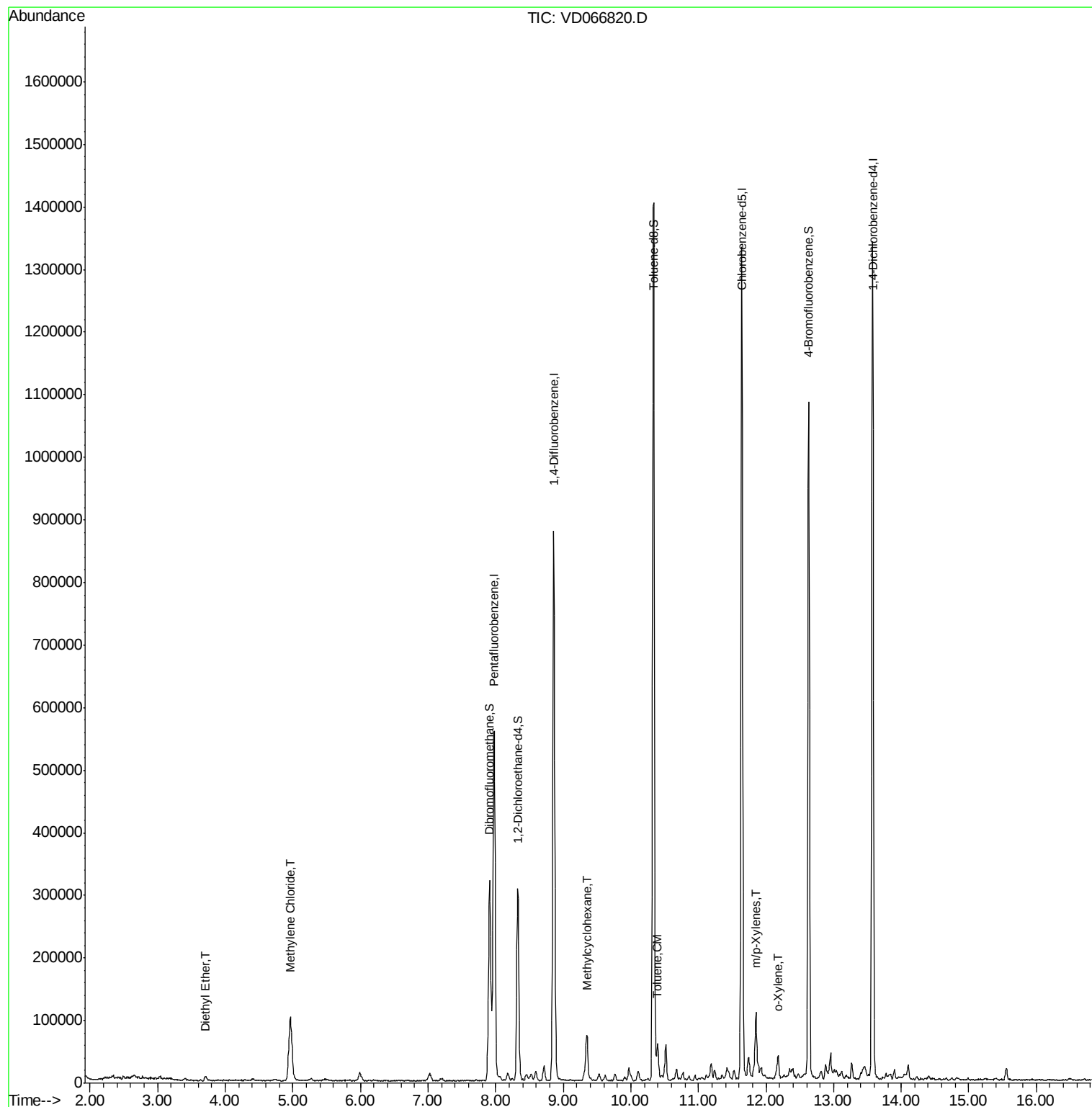
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	393683	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	742297	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	760840	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	349648	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	241658	62.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	125.44%	
35) Dibromofluoromethane	7.91	113	232855	49.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.62%	
50) Toluene-d8	10.33	98	933866	58.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.08%	
62) 4-Bromofluorobenzene	12.63	95	339778	61.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	123.36%	
Target Compounds						
8) Diethyl Ether	3.71	74	3644	1.956	ug/l	92
20) Methylene Chloride	4.96	84	81544	14.332	ug/l	98
39) Methylcyclohexane	9.35	83	27601	3.264	ug/l	87
52) Toluene	10.40	92	21197	1.603	ug/l	90
68) m/p-Xylenes	11.85	106	21180	2.011	ug/l	98
69) o-Xylene	12.18	106	9577	1.006	ug/l	96

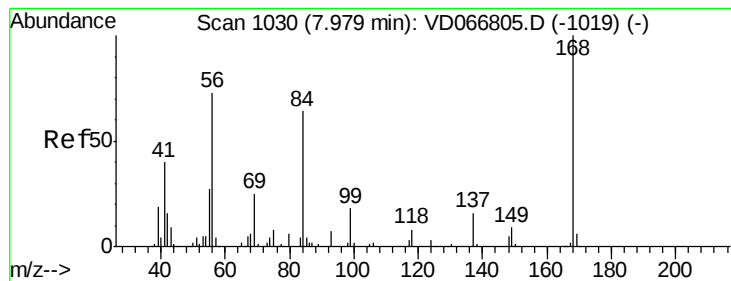
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD092220\
Data File : VD066820.D
Acq On : 22 Sep 2020 19:30
Operator : VA/SY
Sample : L4100-01
Misc : 6.29G/5.00ml/MSVOA D/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
024

Quant Time: Sep 23 03:26:27 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D092220S.M
Quant Title : SW846 8260
QLast Update : Wed Sep 23 01:34:05 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: VD066820.D

Acq: 22 Sep 2020 19:30

Instrument :

MSVOA_D

ClientSampleId :

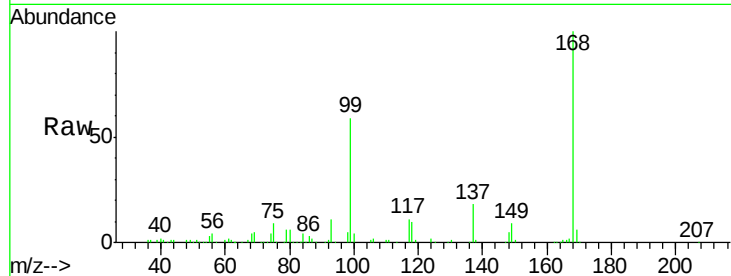
024

Tot Ion:168 Resp: 393683

Ion Ratio Lower Upper

168 100

99 59.3 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

200000

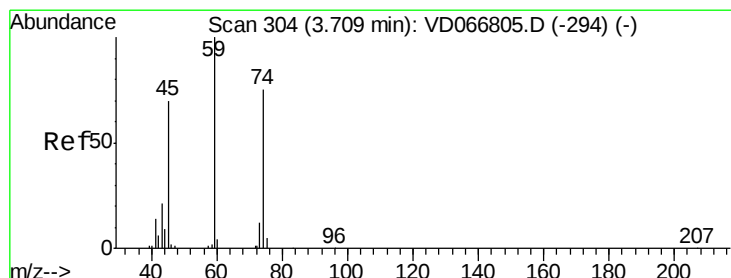
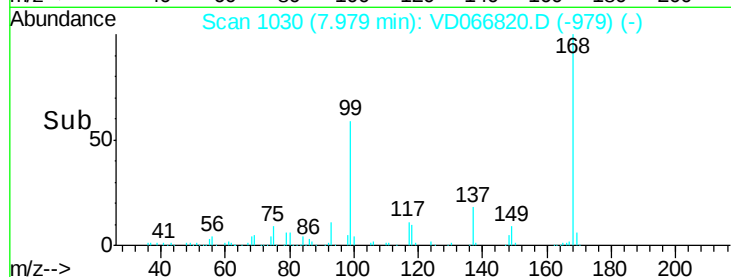
150000

100000

50000

0

Time-->



#8

Diethyl Ether

Concen: 1.956 ug/l

RT: 3.71 min Scan# 304

Delta R.T. 0.00 min

Lab File: VD066820.D

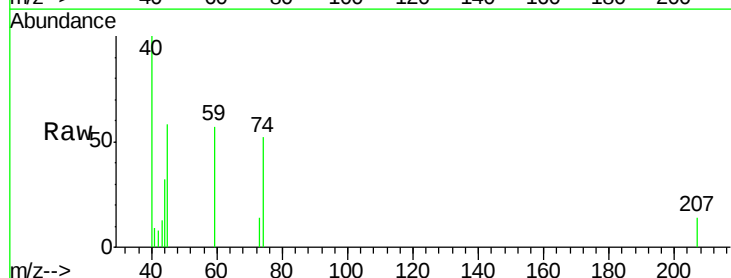
Acq: 22 Sep 2020 19:30

Tgt Ion: 74 Resp: 3644

Ion Ratio Lower Upper

74 100

45 99.7 46.0 138.0



Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.00 (44.70 to 45.70): VDC

3.71

2000

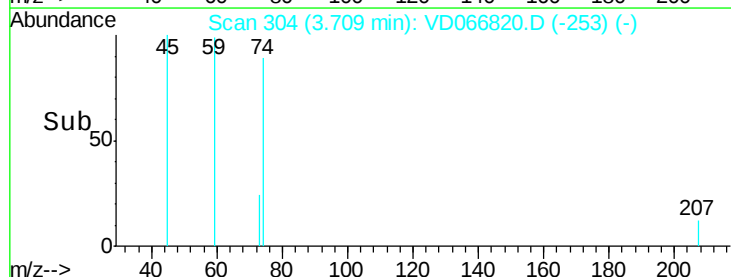
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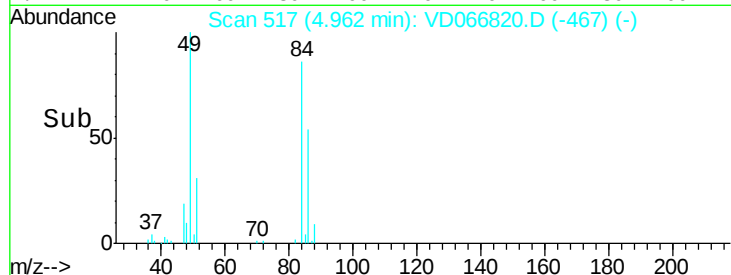
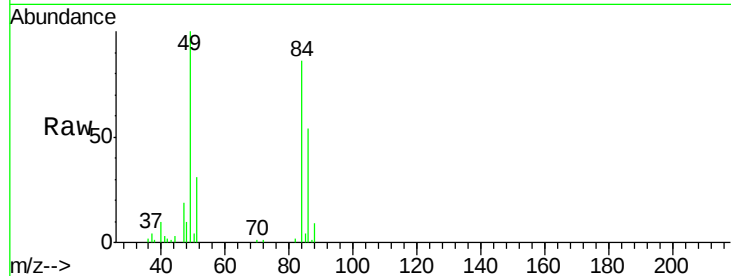
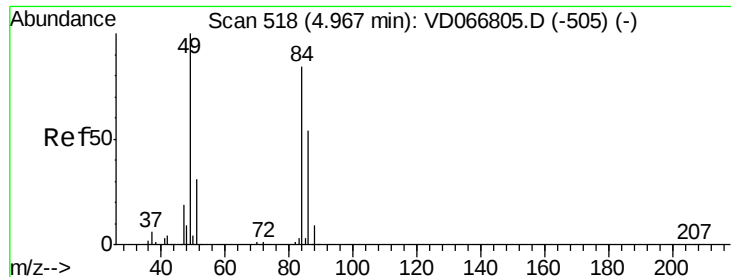
1000

500

0

Time-->

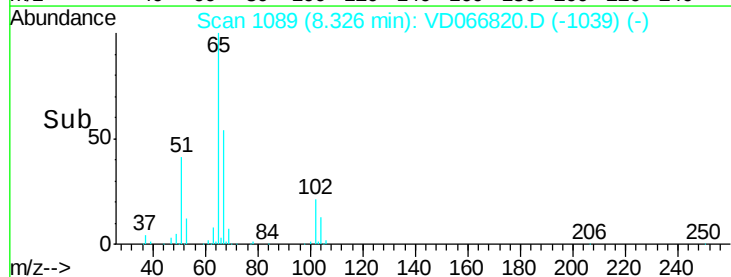
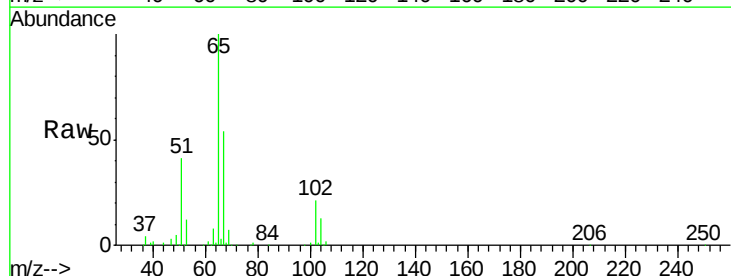
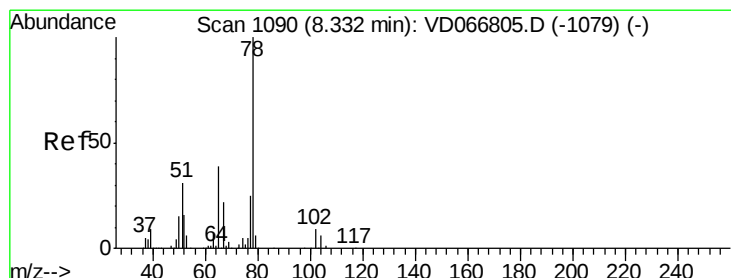
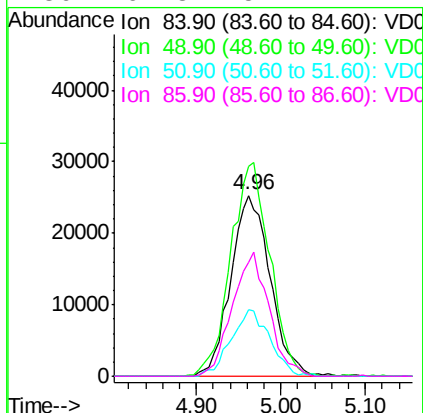




#20
Methylene Chloride
Concen: 14.332 ug/l
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD066820.D
Acq: 22 Sep 2020 19:30

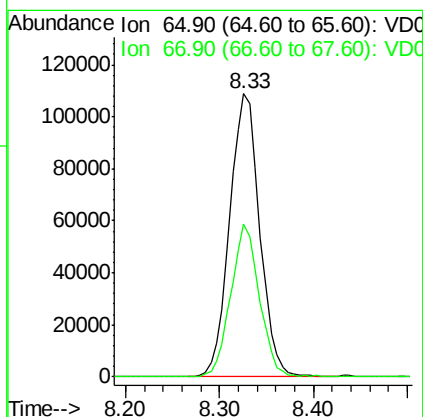
Instrument :
MSVOA_D
ClientSampleId :
024

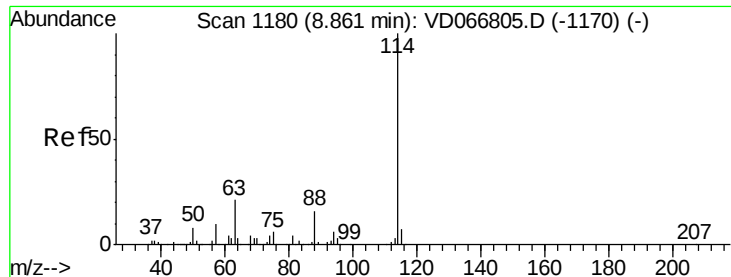
Tot Ion:	84	Resp:	81544
Ion	Ratio	Lower	Upper
84	100		
49	116.2	95.4	143.2
51	36.6	29.7	44.5
86	62.8	51.4	77.2



#33
1,2-Dichloroethane-d4
Concen: 62.716 ug/l
RT: 8.33 min Scan# 1089
Delta R.T. -0.01 min
Lab File: VD066820.D
Acq: 22 Sep 2020 19:30

Tgt Ion:	65	Resp:	241658
Ion	Ratio	Lower	Upper
65	100		
67	51.0	0.0	107.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VD066820.D

Acq: 22 Sep 2020 19:30

Instrument :

MSVOA_D

ClientSampleId :

024

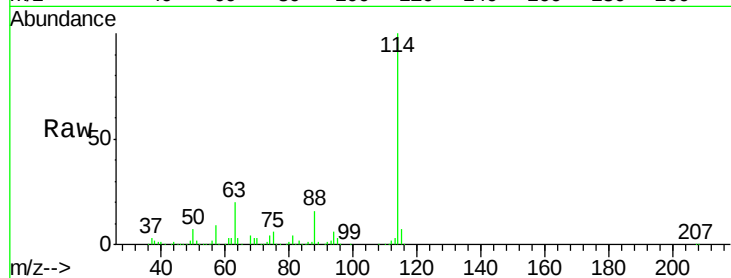
Tot Ion:114 Resp: 742297

Ion Ratio Lower Upper

114 100

63 19.7 0.0 42.6

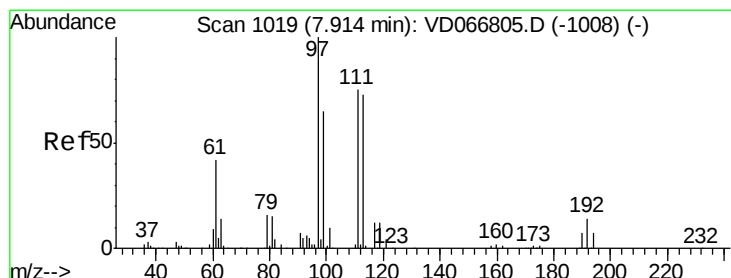
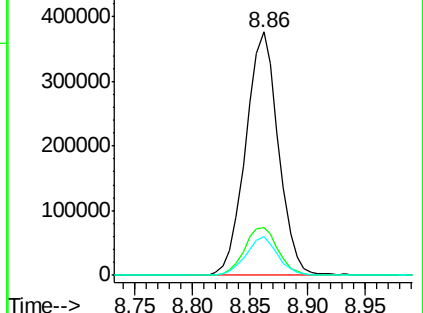
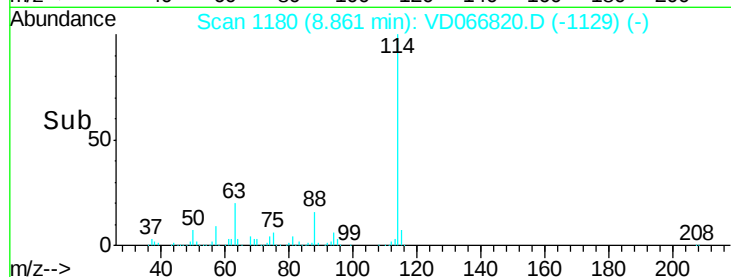
88 16.1 0.0 32.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 49.308 ug/l

RT: 7.91 min Scan# 1018

Delta R.T. -0.01 min

Lab File: VD066820.D

Acq: 22 Sep 2020 19:30

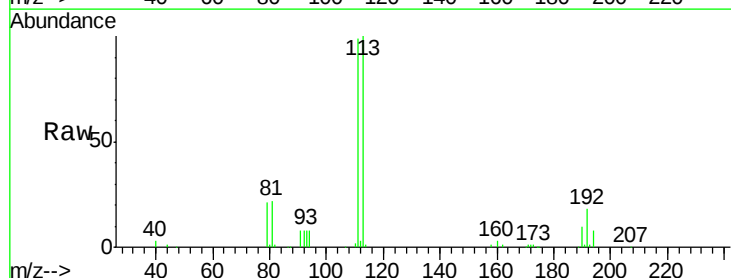
Tgt Ion:113 Resp: 232855

Ion Ratio Lower Upper

113 100

111 103.9 81.8 122.8

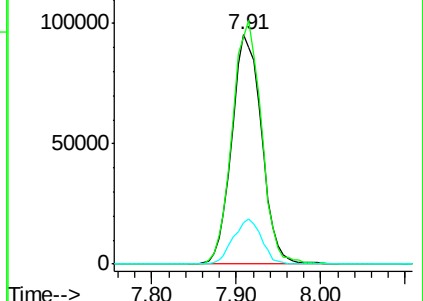
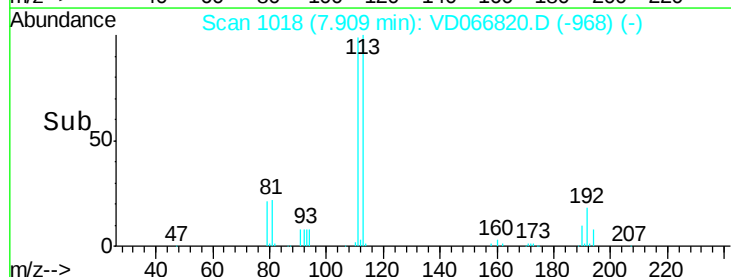
192 18.7 14.4 21.6

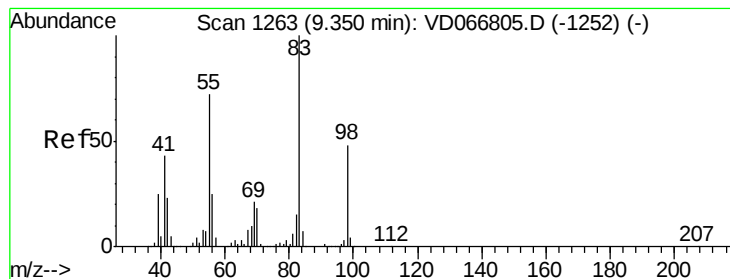


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

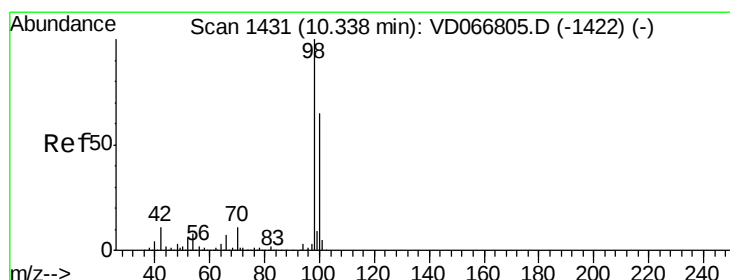
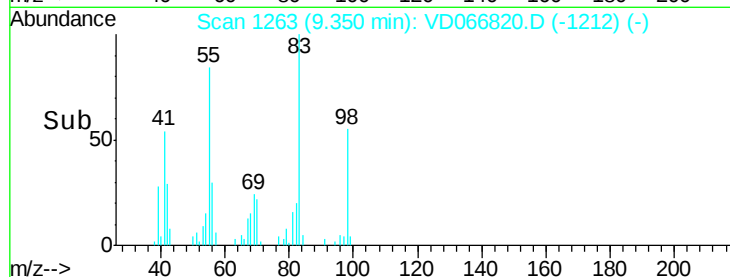
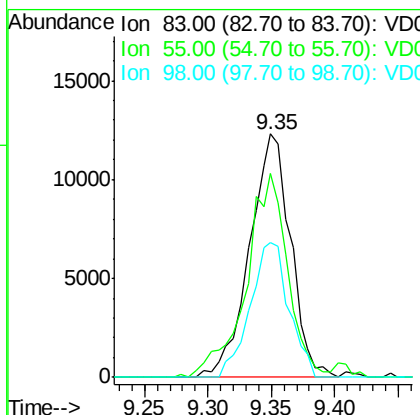
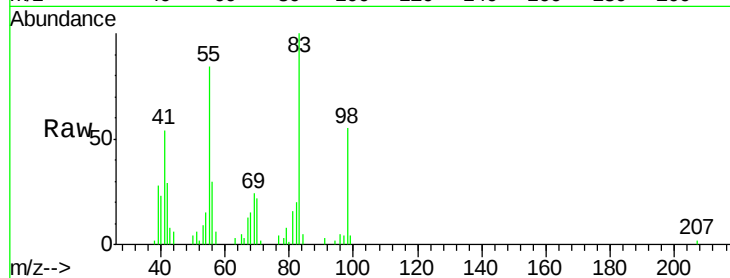




#39
Methvlcvclohexane
Concen: 3.264 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. 0.00 min
Lab File: VD066820.D
Acq: 22 Sep 2020 19:30

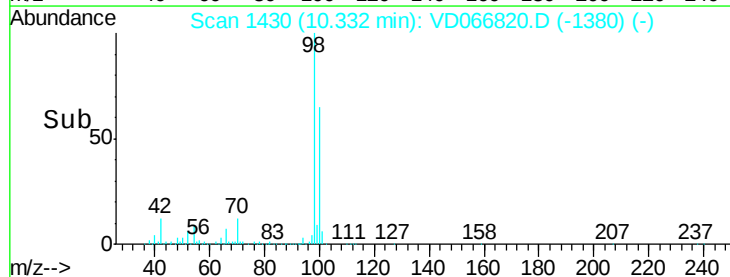
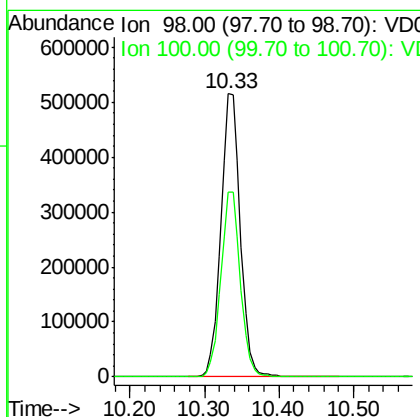
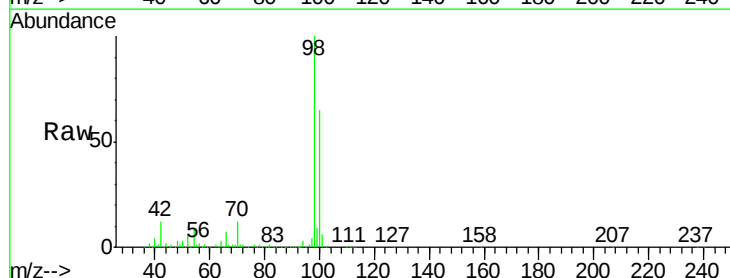
Instrument :
MSVOA_D
ClientSampleId :
024

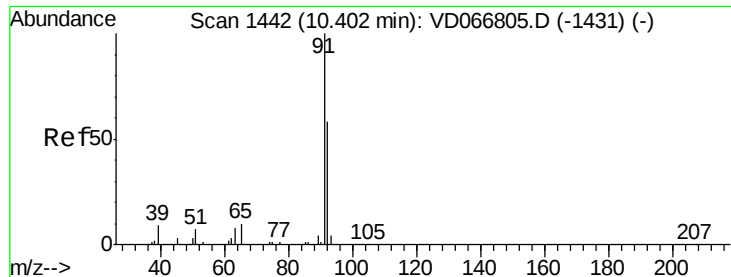
Tot Ion: 83 Resp: 27601
Ion Ratio Lower Upper
83 100
55 83.6 57.7 86.5
98 55.4 38.4 57.6



#50
Toluene-d8
Concen: 58.039 ug/l
RT: 10.33 min Scan# 1430
Delta R.T. -0.01 min
Lab File: VD066820.D
Acq: 22 Sep 2020 19:30

Tgt Ion: 98 Resp: 933866
Ion Ratio Lower Upper
98 100
100 65.7 52.2 78.2





#52

Toluene

Concen: 1.603 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VD066820.D

Acq: 22 Sep 2020 19:30

Instrument :

MSVOA_D

ClientSampleId :

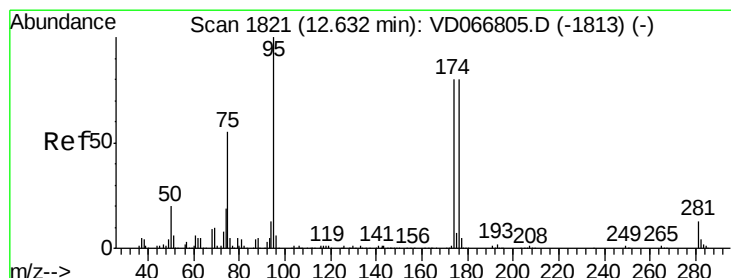
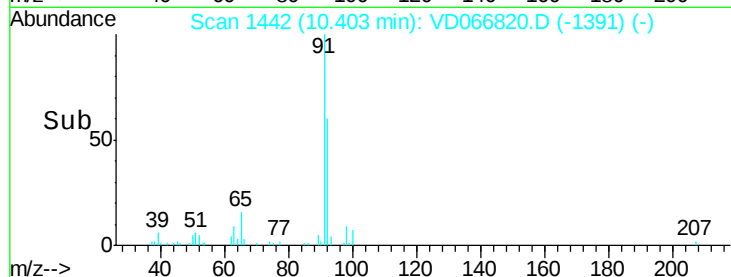
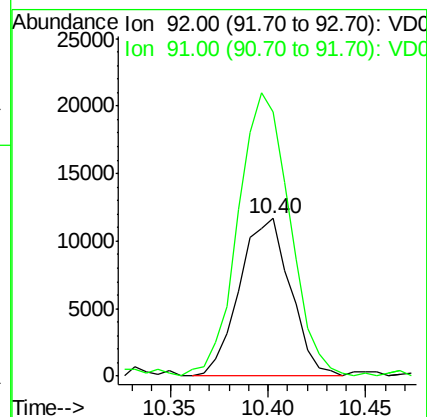
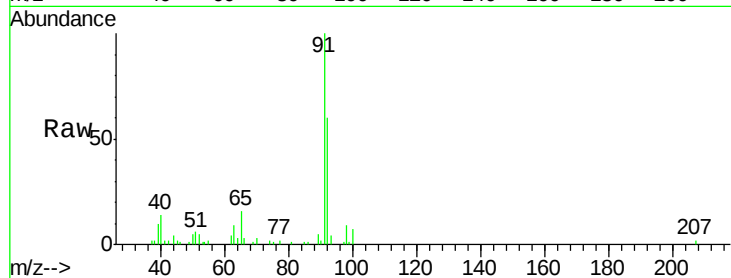
024

Tot Ion: 92 Resp: 21197

Ion Ratio Lower Upper

92 100

91 181.3 134.6 202.0



#62

4-Bromofluorobenzene

Concen: 61.685 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.00 min

Lab File: VD066820.D

Acq: 22 Sep 2020 19:30

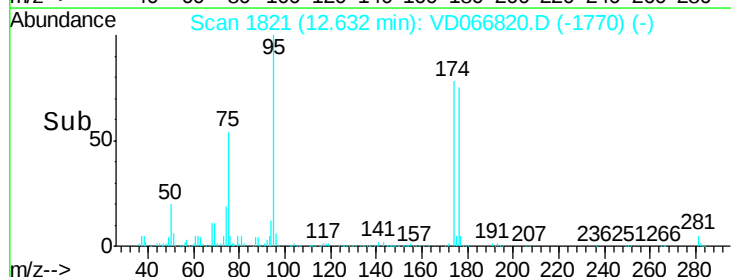
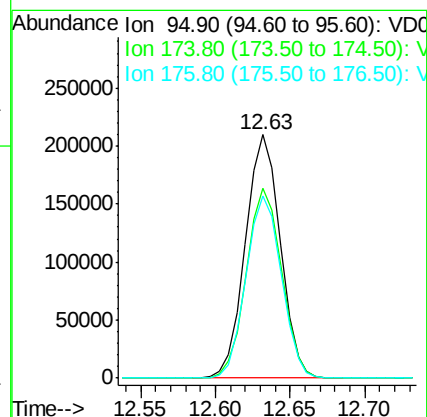
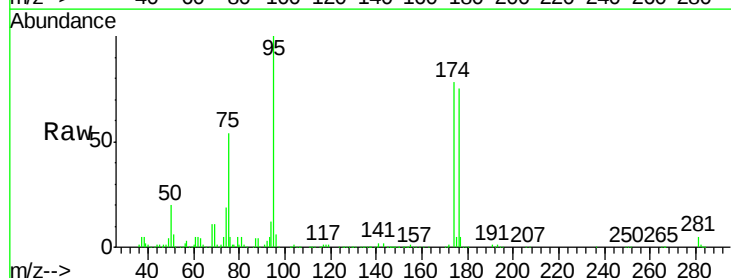
Tgt Ion: 95 Resp: 339778

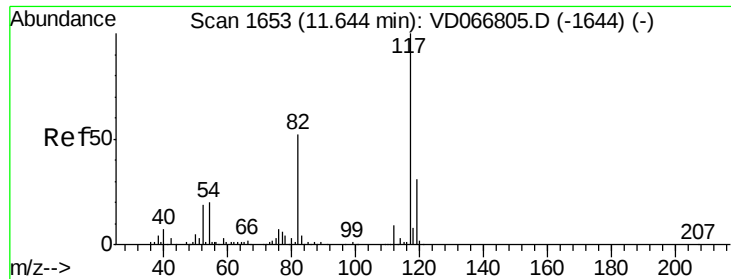
Ion Ratio Lower Upper

95 100

174 78.9 0.0 159.8

176 75.7 0.0 154.4

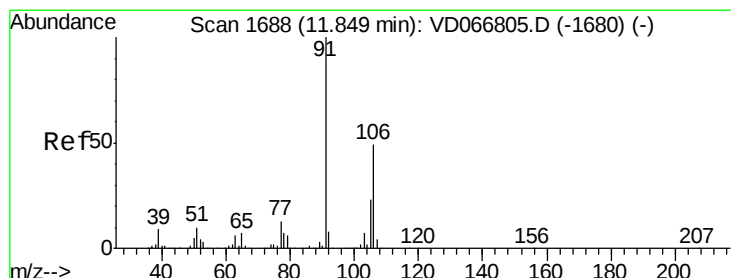
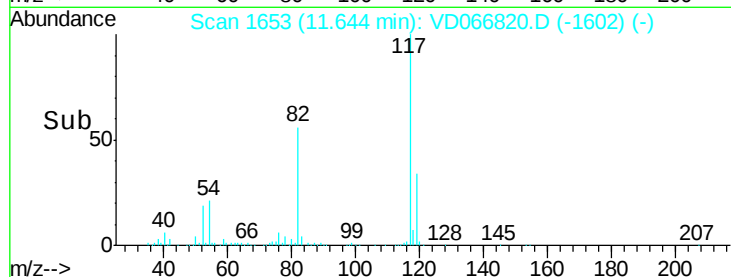
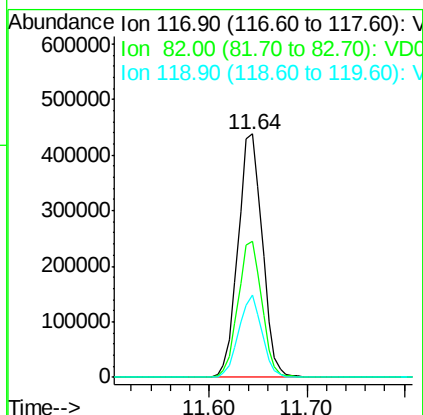
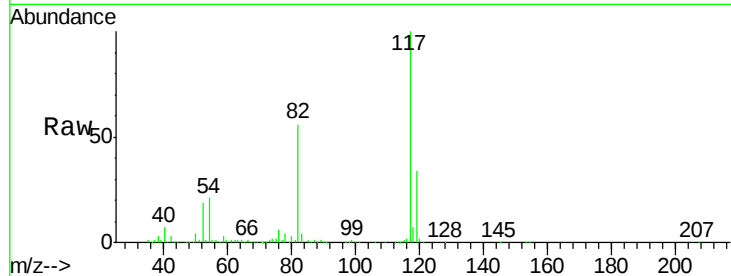




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066820.D
Acq: 22 Sep 2020 19:30

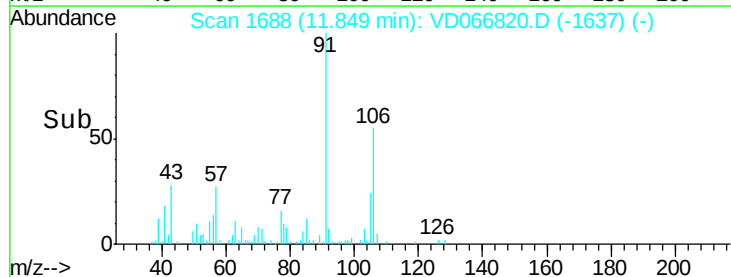
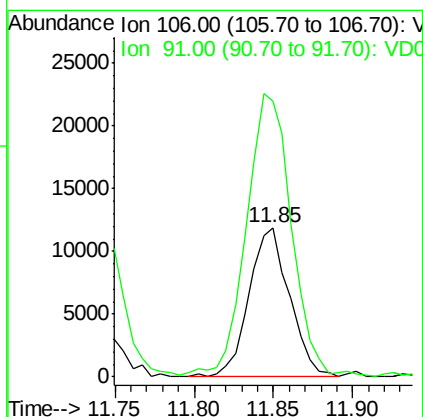
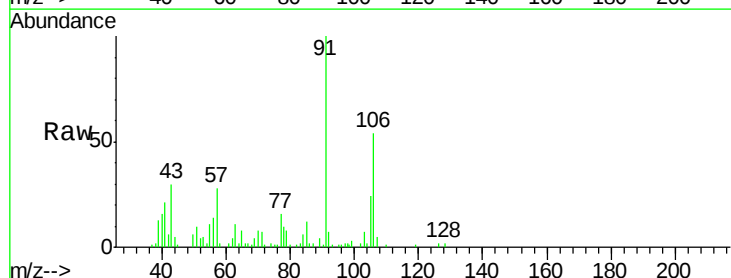
Instrument :
MSVOA_D
ClientSampleID :
024

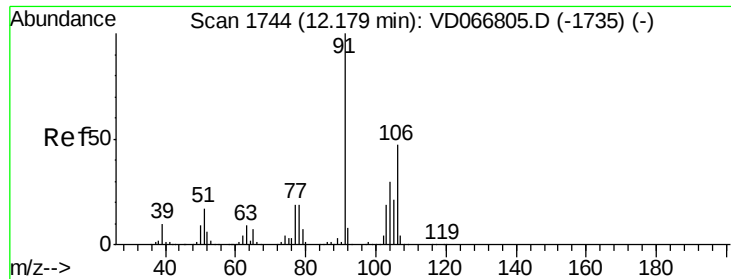
Tot Ion:117 Resp: 760840
Ion Ratio Lower Upper
117 100
82 56.0 41.8 62.6
119 33.6 24.6 37.0



#68
m/p-Xylenes
Concen: 2.011 ug/l
RT: 11.85 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VD066820.D
Acq: 22 Sep 2020 19:30

Tgt Ion:106 Resp: 21180
Ion Ratio Lower Upper
106 100
91 204.5 160.7 241.1

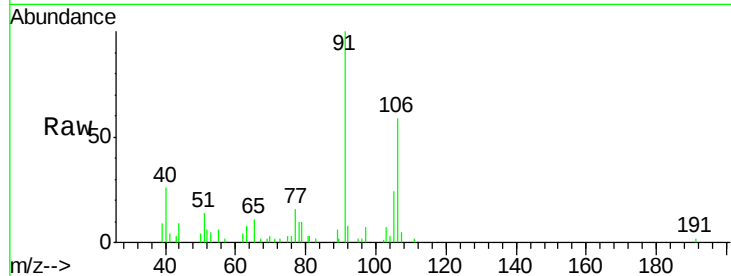




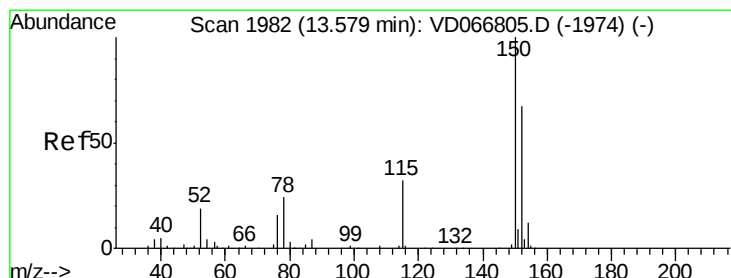
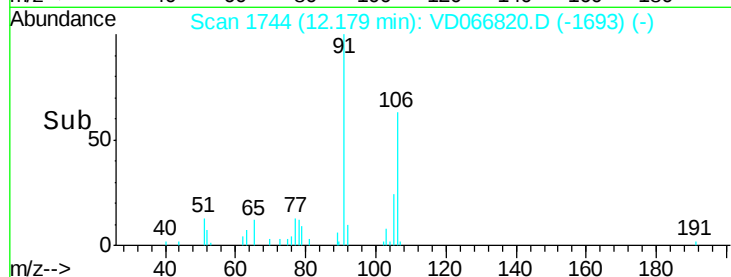
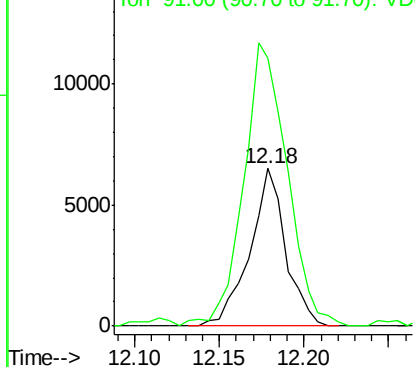
#69
o-Xylene
Concen: 1.006 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. 0.00 min
Lab File: VD066820.D
Acq: 22 Sep 2020 19:30

Instrument :
MSVOA_D
ClientSampled :
024

Tot Ion:106 Resp: 9577
Ion Ratio Lower Upper
106 100
91 218.4 106.3 318.8

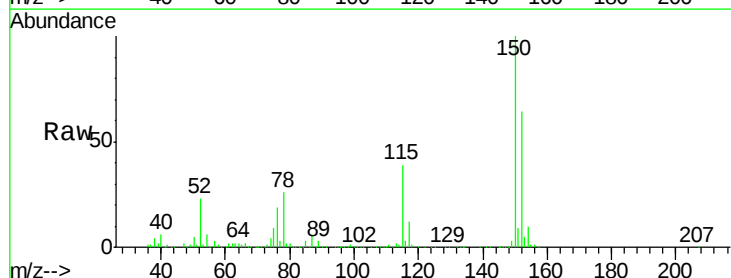


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD066820.D
Acq: 22 Sep 2020 19:30

Tgt Ion:152 Resp: 349648
Ion Ratio Lower Upper
152 100
115 61.9 30.3 91.0
150 155.4 0.0 346.2



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

