

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031822\
 Data File : VD072286.D
 Acq On : 18 Mar 2022 13:25
 Operator : VA/SY
 Sample : N1956-03
 Misc : 5.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TPK-3

Quant Time: Mar 19 05:23:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 14 05:18:06 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.973	168	11449	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.867	114	18310	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	19553	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	9948	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	9416	73.797	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	147.600%
35) Dibromofluoromethane	7.909	113	7229	56.104	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.200%
50) Toluene-d8	10.332	98	22697	48.175	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.340%
62) 4-Bromofluorobenzene	12.620	95	8422	46.006	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	92.020%

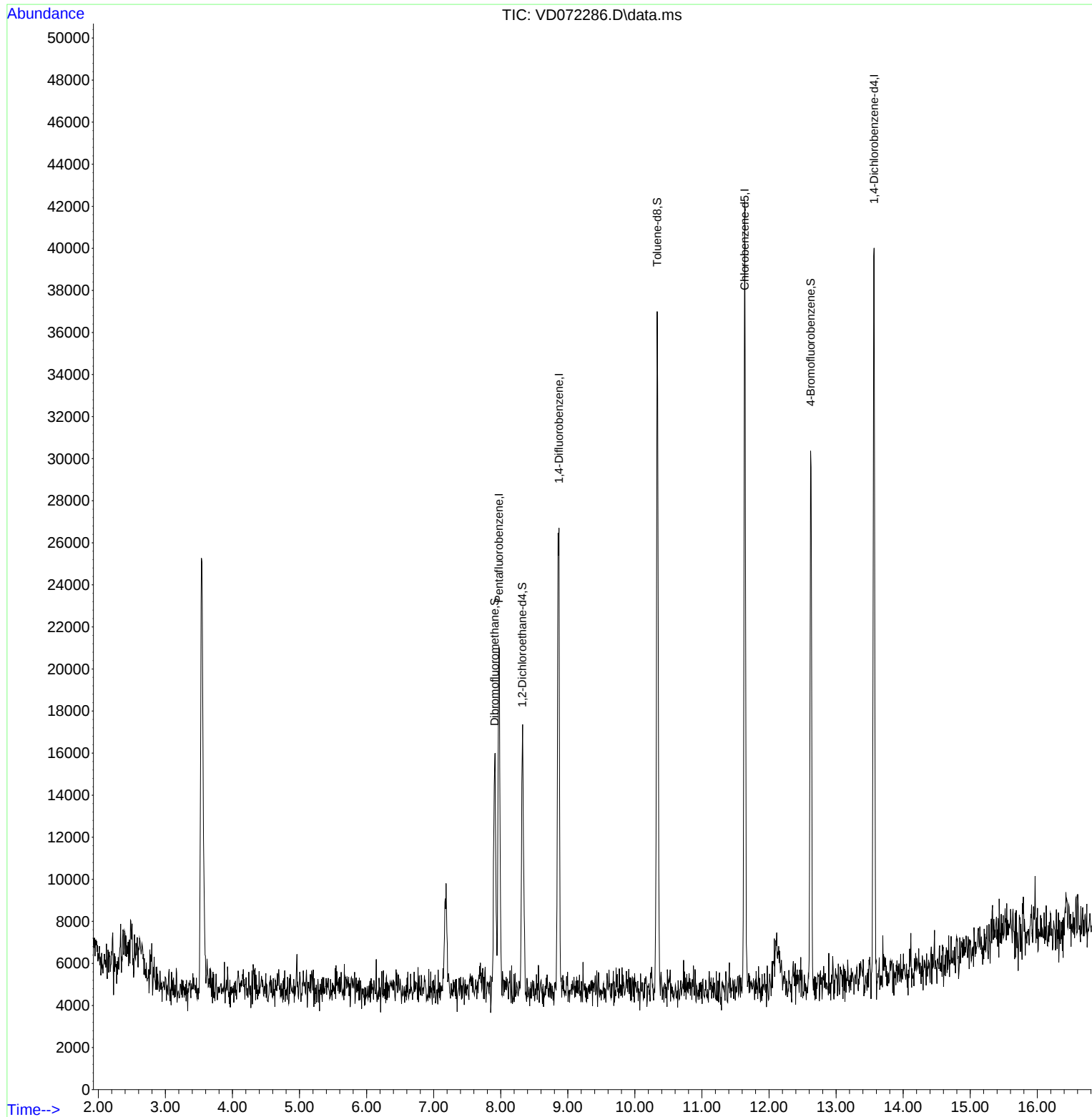
Target Compounds	Qvalue

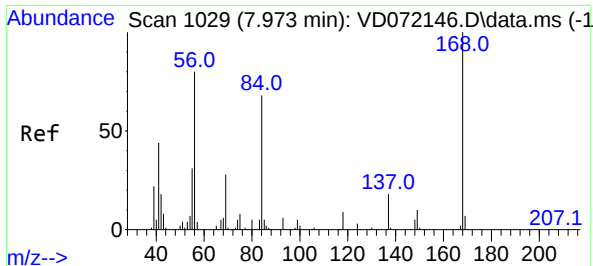
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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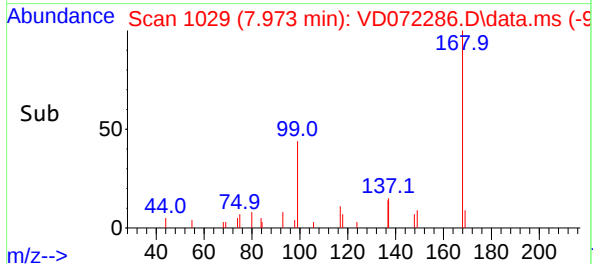
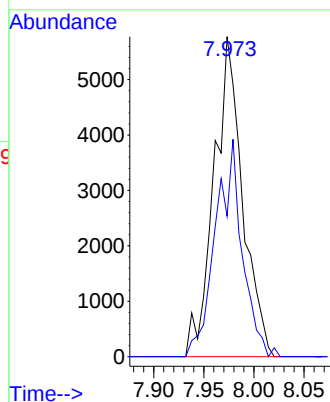
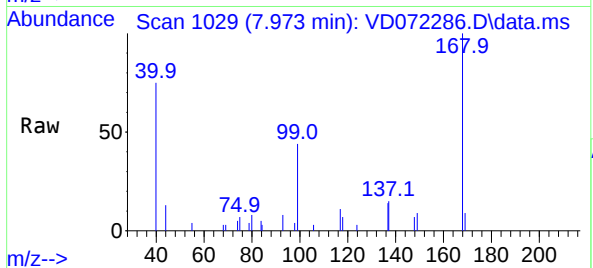




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD072286.D
Acq: 18 Mar 2022 13:25

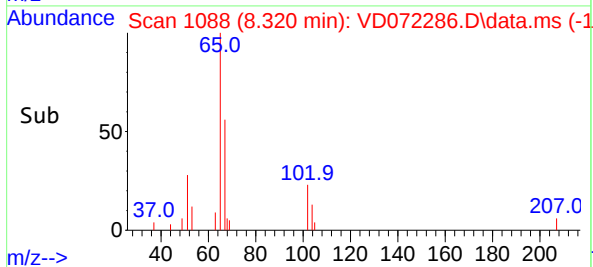
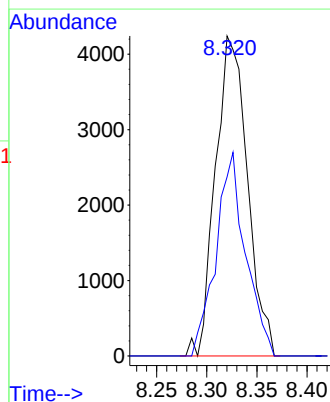
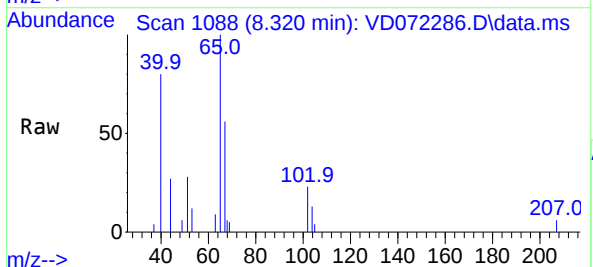
Instrument :
MSVOA_D
ClientSampleId :
TPK-3

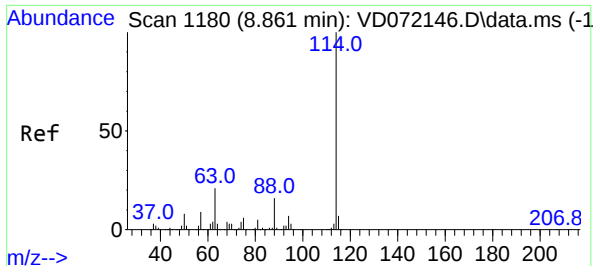
Tgt Ion:168 Resp: 11449
Ion Ratio Lower Upper
168 100
99 43.9 49.8 74.6#



#33
1,2-Dichloroethane-d4
Concen: 73.797 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD072286.D
Acq: 18 Mar 2022 13:25

Tgt Ion: 65 Resp: 9416
Ion Ratio Lower Upper
65 100
67 59.0 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.867 min Scan# 1180

Delta R.T. 0.006 min

Lab File: VD072286.D

Acq: 18 Mar 2022 13:25

Instrument :

MSVOA_D

ClientSampleId :

TPK-3

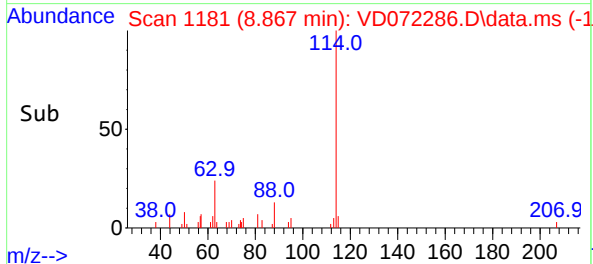
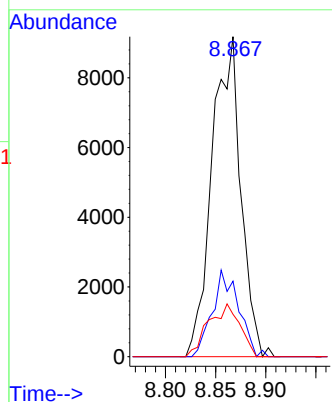
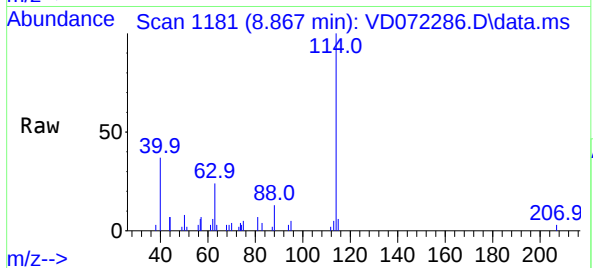
Tgt Ion:114 Resp: 18310

Ion Ratio Lower Upper

114 100

63 26.8 0.0 46.6

88 13.3 0.0 33.2



#35

Dibromofluoromethane

Concen: 56.104 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD072286.D

Acq: 18 Mar 2022 13:25

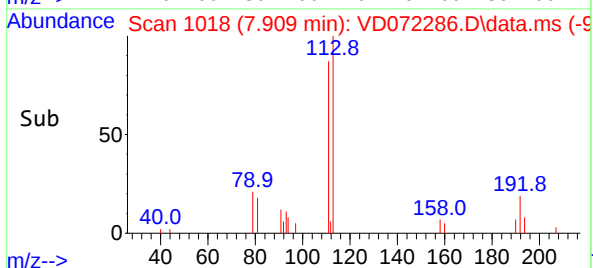
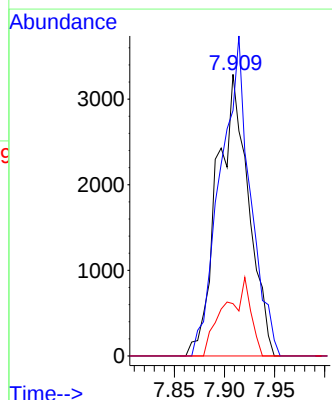
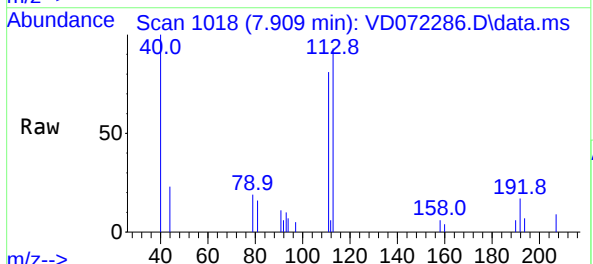
Tgt Ion:113 Resp: 7229

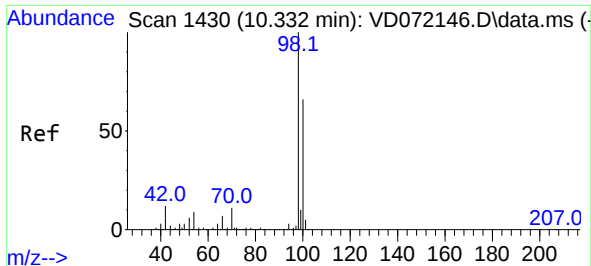
Ion Ratio Lower Upper

113 100

111 107.4 83.8 125.6

192 22.7 14.6 21.8#

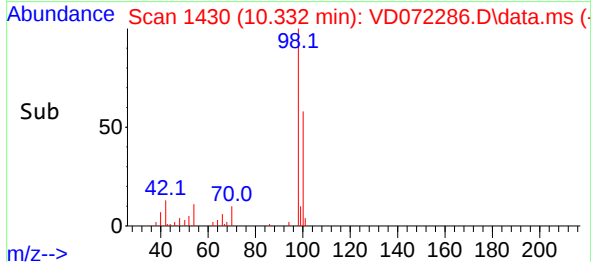
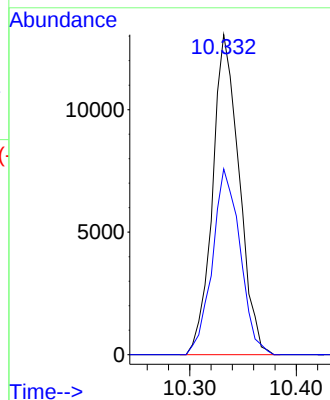
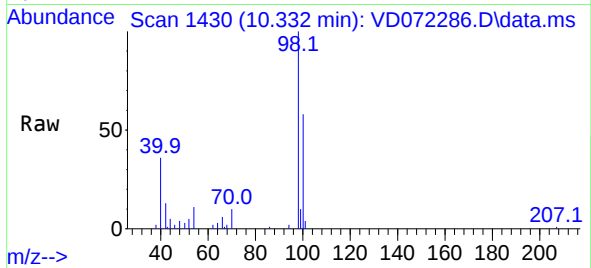




#50
Toluene-d8
Concen: 48.175 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD072286.D
Acq: 18 Mar 2022 13:25

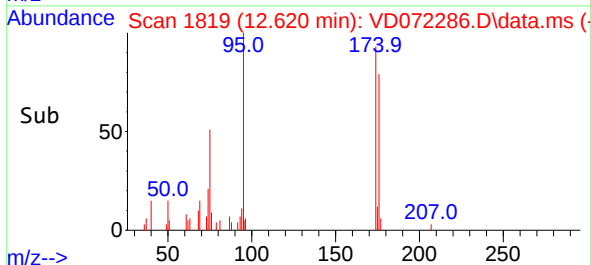
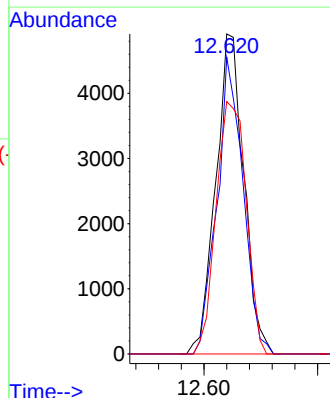
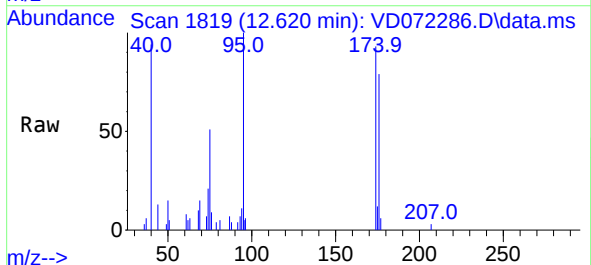
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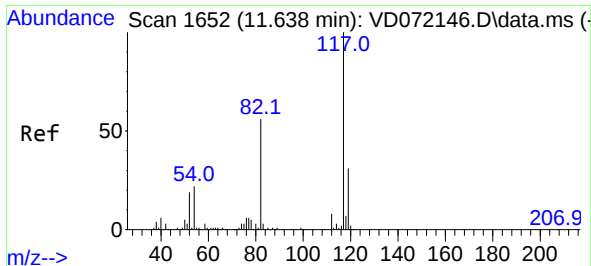
Tgt Ion: 98 Resp: 22697
Ion Ratio Lower Upper
98 100
100 60.4 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 46.006 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD072286.D
Acq: 18 Mar 2022 13:25

Tgt Ion: 95 Resp: 8422
Ion Ratio Lower Upper
95 100
174 86.1 0.0 152.8
176 84.7 0.0 145.4

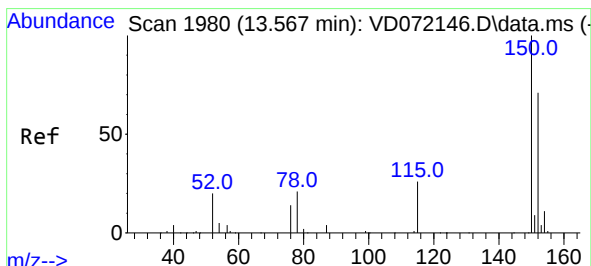
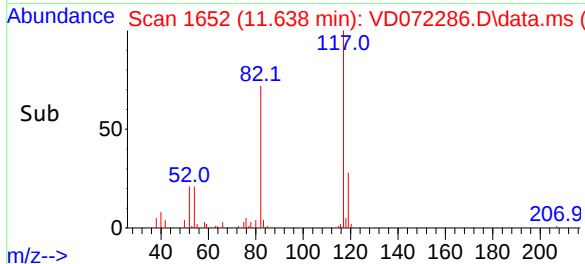
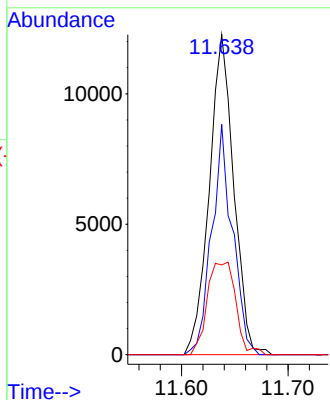
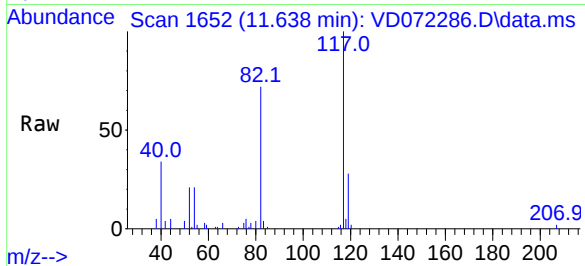




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VD072286.D
Acq: 18 Mar 2022 13:25

Instrument :
MSVOA_D
ClientSampleId :
TPK-3

Tgt Ion:117 Resp: 19553
Ion Ratio Lower Upper
117 100
82 72.0 45.3 67.9#
119 28.1 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD072286.D
Acq: 18 Mar 2022 13:25

Tgt Ion:152 Resp: 9948
Ion Ratio Lower Upper
152 100
115 56.6 31.3 93.8
150 143.9 0.0 348.6

