

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031622\
 Data File : VD072233.D
 Acq On : 16 Mar 2022 22:16
 Operator : VA/SY
 Sample : N1894-05
 Misc : 4.68G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP5(0-5)

Quant Time: Mar 17 02:29:56 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	7.979	168	457443	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	759065	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	817526	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	404365	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	226023	44.336	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	88.680%
35) Dibromofluoromethane	7.908	113	236948	44.359	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.720%
50) Toluene-d8	10.337	98	940384	48.147	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.300%
62) 4-Bromofluorobenzene	12.626	95	398242	52.476	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	104.960%

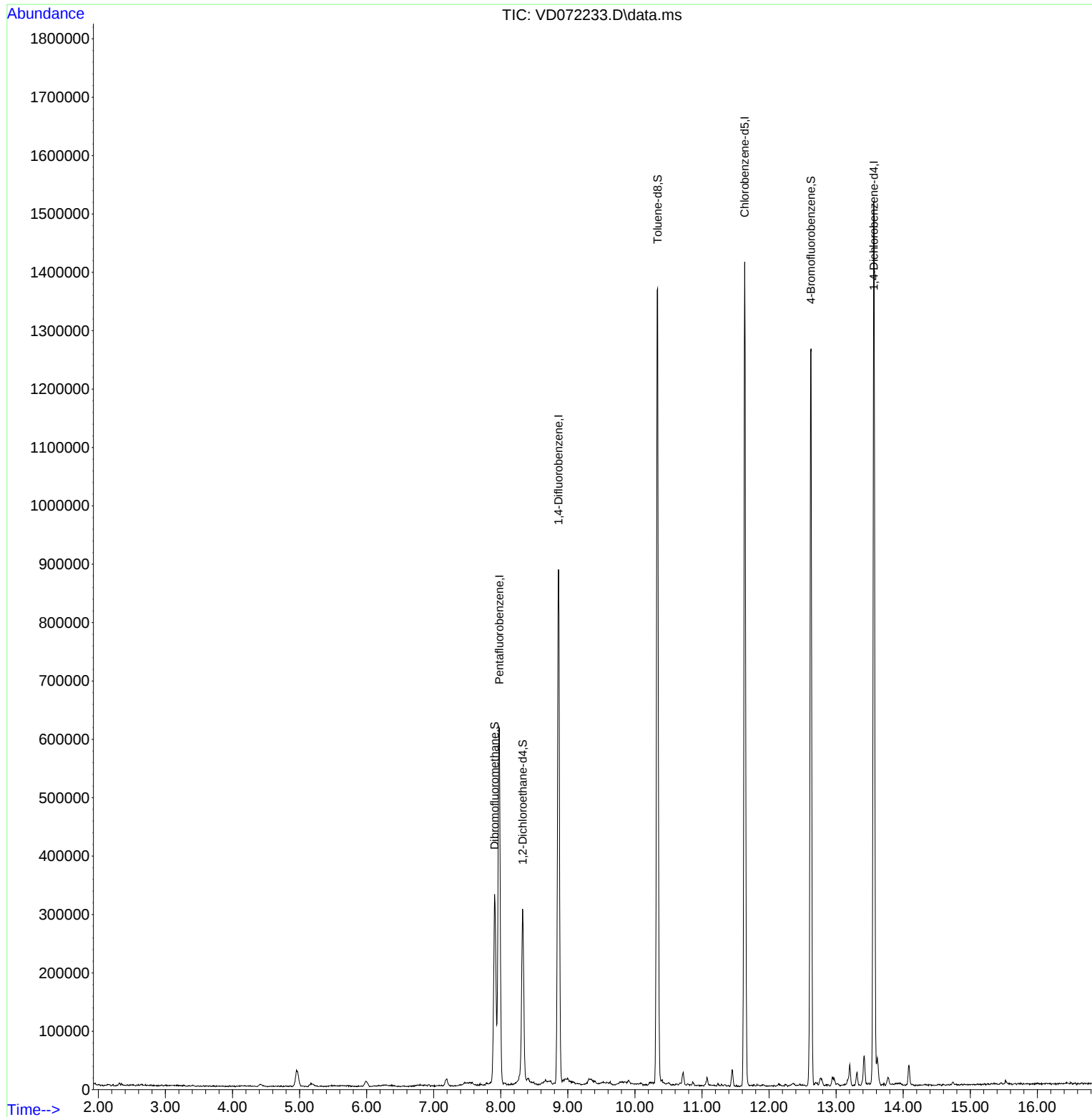
Target Compounds	Qvalue

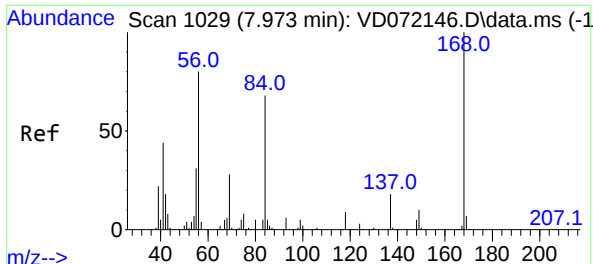
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.979 min Scan# 1029

Delta R.T. 0.006 min

Lab File: VD072233.D

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Instrument :

MSVOA_D

ClientSampleId :

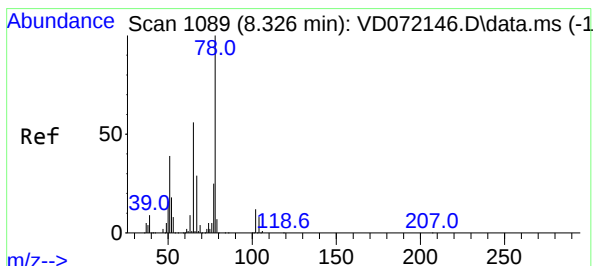
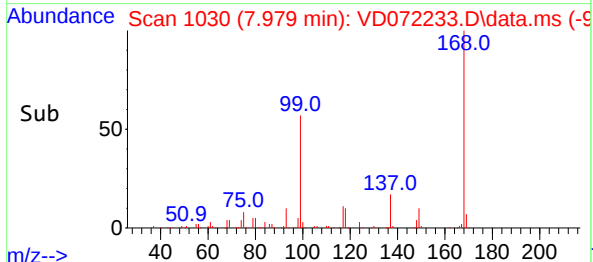
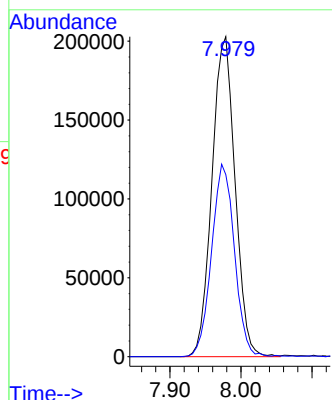
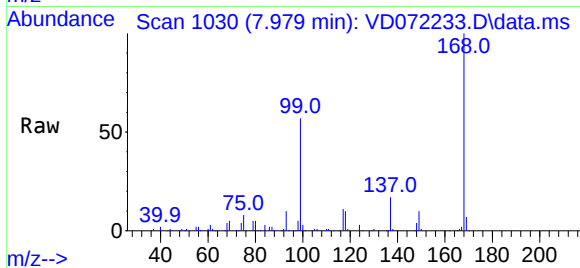
TP5(0-5)

Tgt Ion:168 Resp: 457443

Ion Ratio Lower Upper

168 100

99 56.9 49.8 74.6



1,2-Dichloroethane-d4

Concen: 44.336 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD072233.D

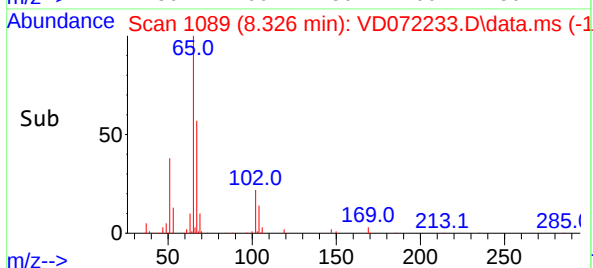
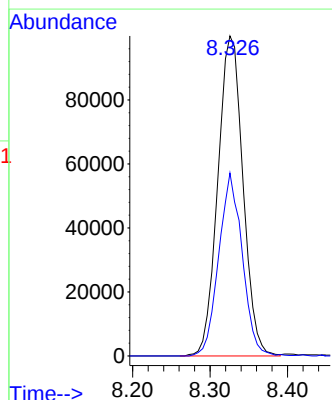
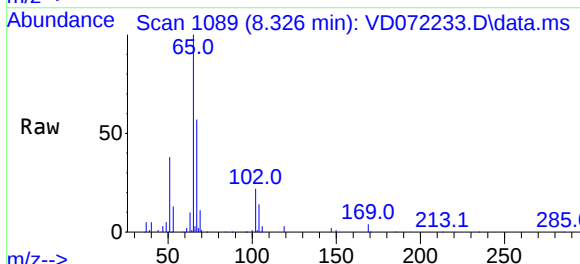
Acq: 16 Mar 2022 22:16

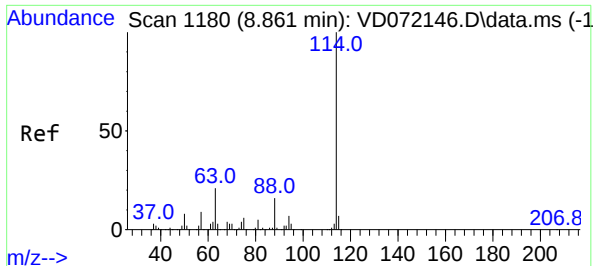
Tgt Ion: 65 Resp: 226023

Ion Ratio Lower Upper

65 100

67 53.4 0.0 101.4



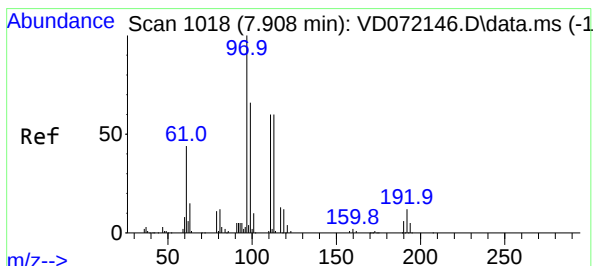
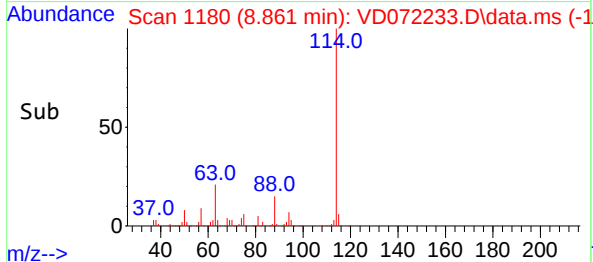
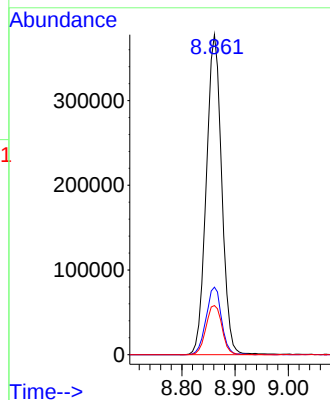
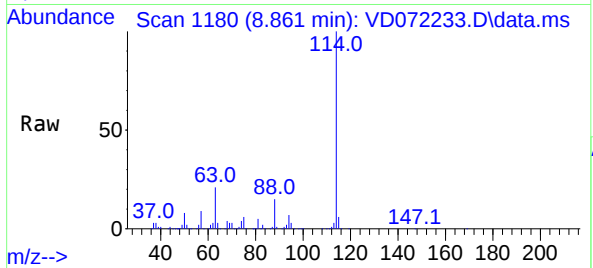


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD072233.D
Acq: 16 Mar 2022 22:16

Instrument :
MSVOA_D
ClientSampleId :
TP5(0-5)

Tgt Ion:114 Resp: 759065

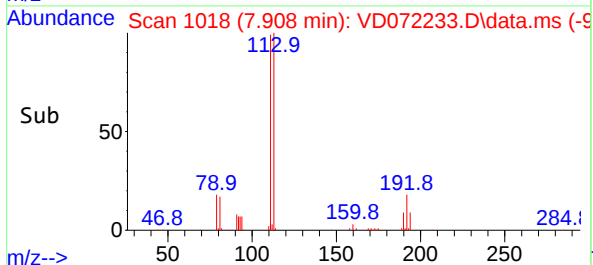
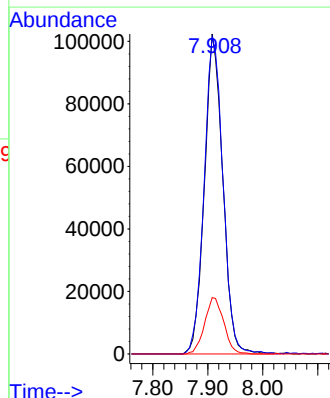
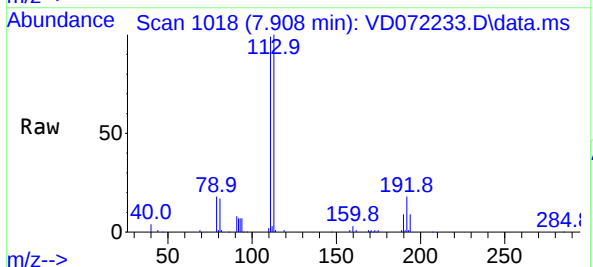
Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	46.6
88	15.3	0.0	33.2



#35
Dibromofluoromethane
Concen: 44.359 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.000 min
Lab File: VD072233.D
Acq: 16 Mar 2022 22:16

Tgt Ion:113 Resp: 236948

Ion	Ratio	Lower	Upper
113	100		
111	102.2	83.8	125.6
192	18.3	14.6	21.8

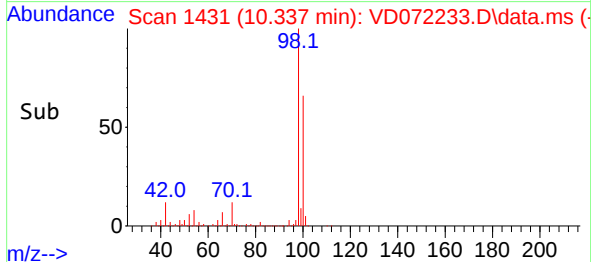
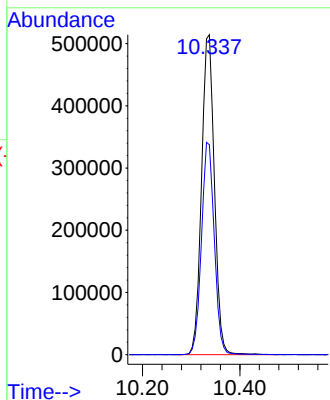
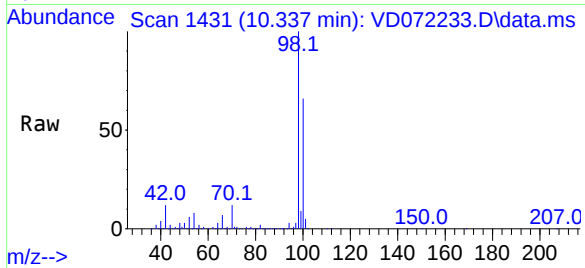




#50
Toluene-d8
Concen: 48.147 ug/l
RT: 10.337 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VD072233.D
Acq: 16 Mar 2022 22:16

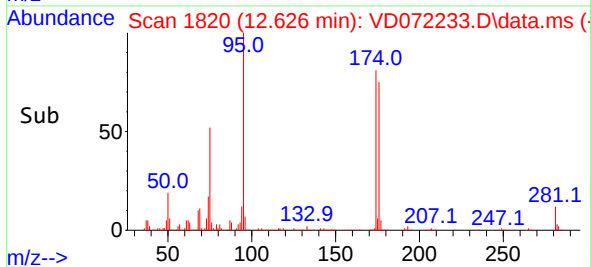
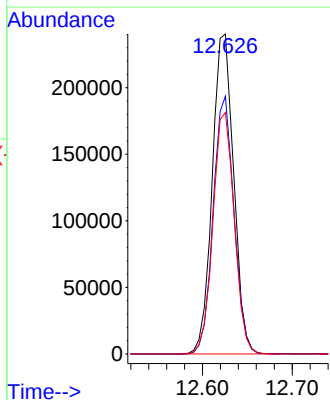
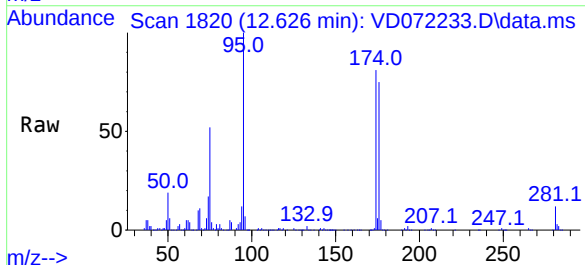
Instrument :
MSVOA_D
ClientSampleId :
TP5(0-5)

Tgt Ion: 98 Resp: 940384
Ion Ratio Lower Upper
98 100
100 66.4 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 52.476 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD072233.D
Acq: 16 Mar 2022 22:16

Tgt Ion: 95 Resp: 398242
Ion Ratio Lower Upper
95 100
174 78.5 0.0 152.8
176 75.0 0.0 145.4

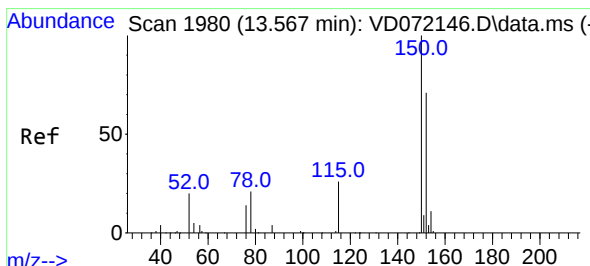
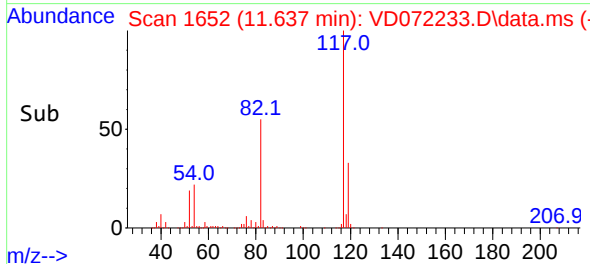
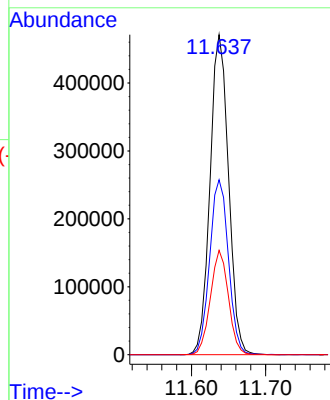
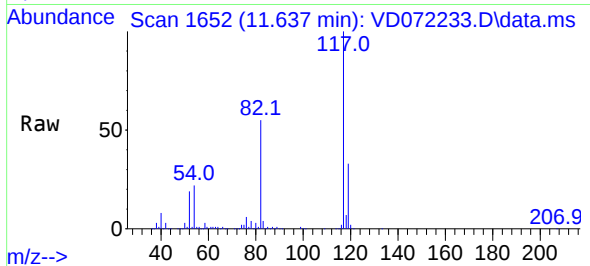




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VD072233.D
Acq: 16 Mar 2022 22:16

Instrument :
MSVOA_D
ClientSampleId :
TP5(0-5)

Tgt Ion:117 Resp: 817526
Ion Ratio Lower Upper
117 100
82 54.6 45.3 67.9
119 32.6 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD072233.D
Acq: 16 Mar 2022 22:16

Tgt Ion:152 Resp: 404365
Ion Ratio Lower Upper
152 100
115 60.8 31.3 93.8
150 158.5 0.0 348.6

