

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031622\
 Data File : VD072229.D
 Acq On : 16 Mar 2022 20:22
 Operator : VA/SY
 Sample : N1894-01
 Misc : 4.82G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP1(0-10)

Quant Time: Mar 17 02:29:08 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	474605	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	777670	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	822158	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	398816	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	227772	43.064	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	86.120%
35) Dibromofluoromethane	7.908	113	239088	43.689	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	87.380%
50) Toluene-d8	10.332	98	971224	48.536	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.080%
62) 4-Bromofluorobenzene	12.620	95	404322	52.002	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	104.000%

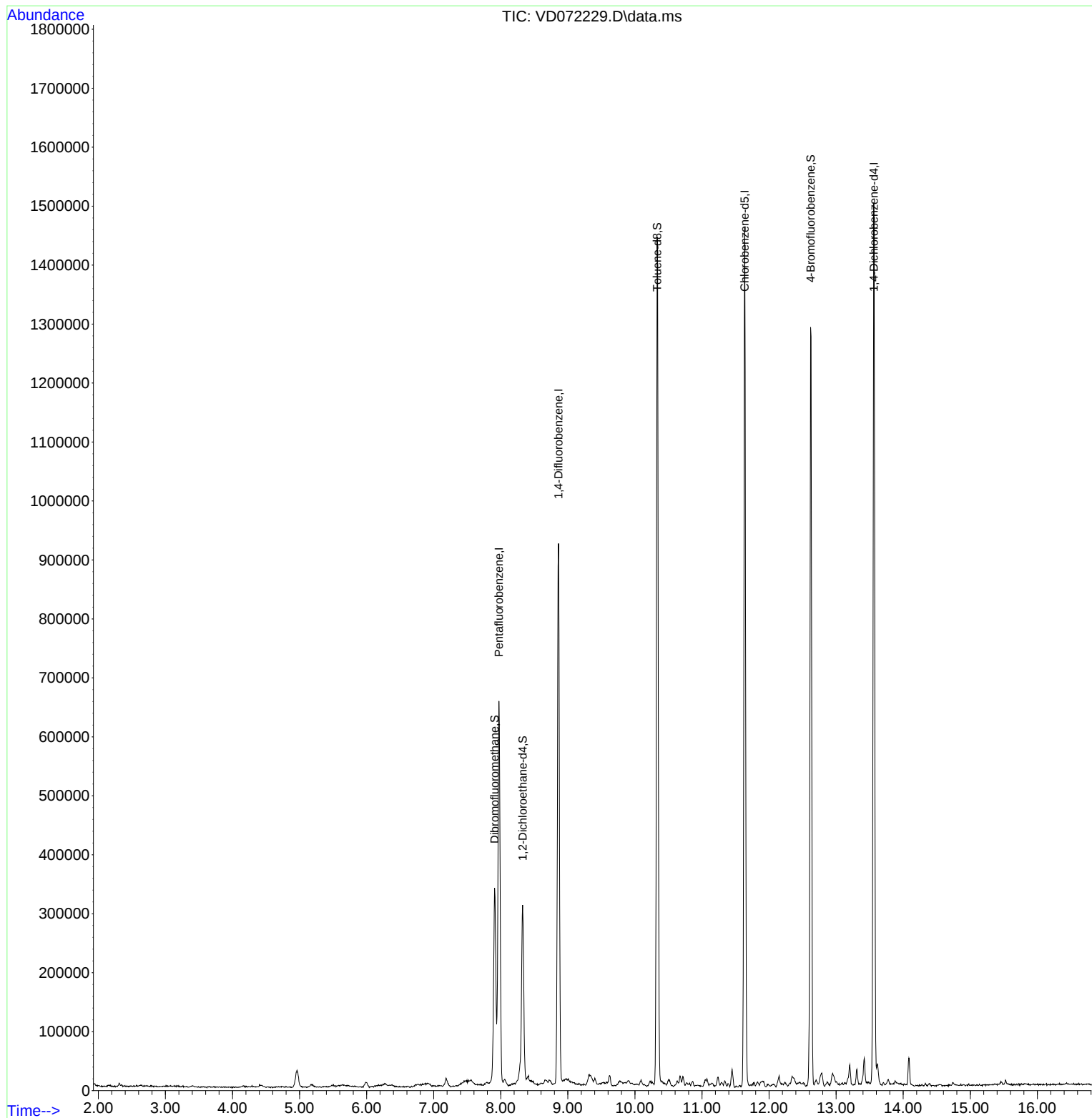
Target Compounds	Qvalue

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

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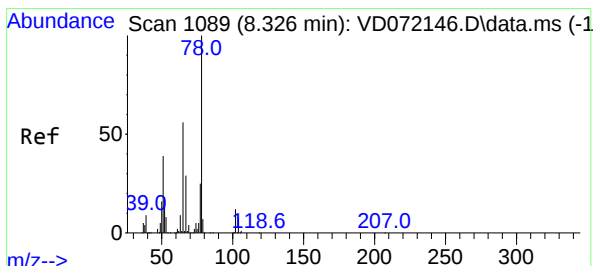
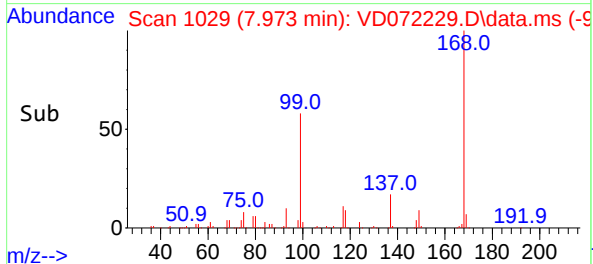
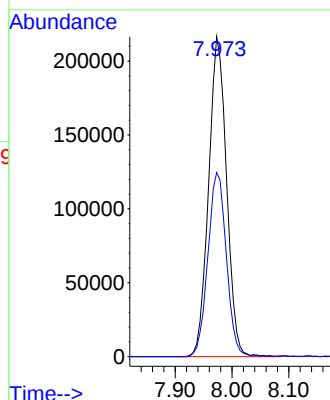
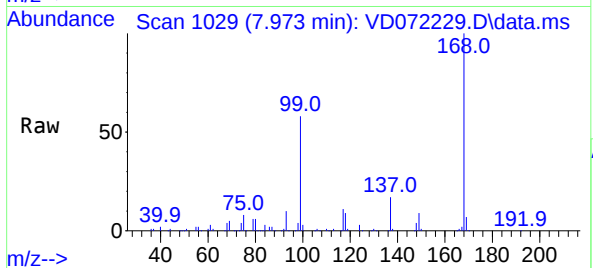




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD072229.D
Acq: 16 Mar 2022 20:22

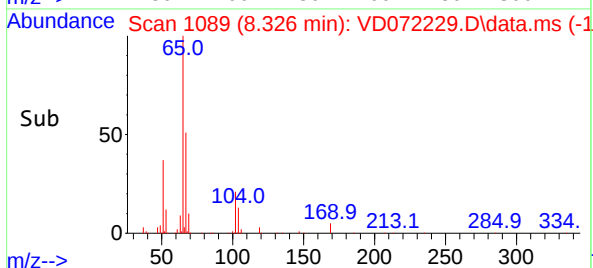
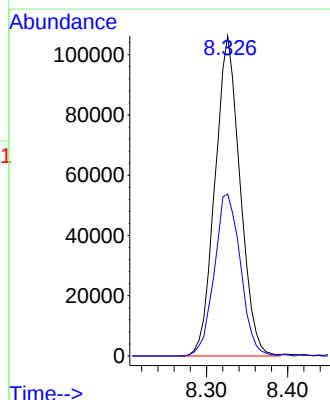
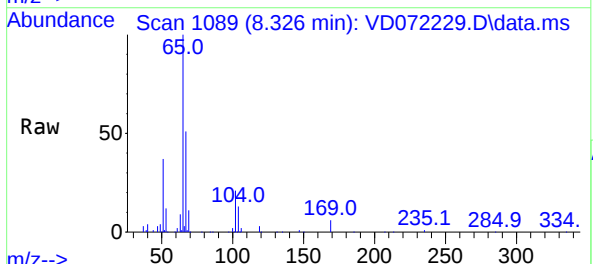
Instrument :
MSVOA_D
ClientSampleId :
TP1(0-10)

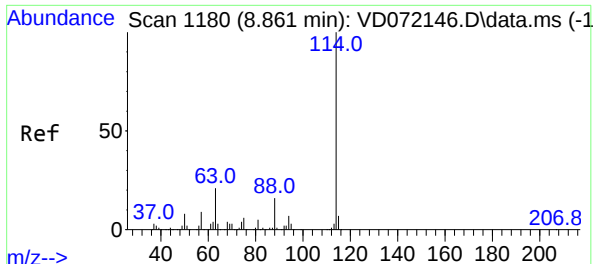
Tgt Ion:168 Resp: 474605
Ion Ratio Lower Upper
168 100
99 57.5 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 43.064 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD072229.D
Acq: 16 Mar 2022 20:22

Tgt Ion: 65 Resp: 227772
Ion Ratio Lower Upper
65 100
67 53.0 0.0 101.4



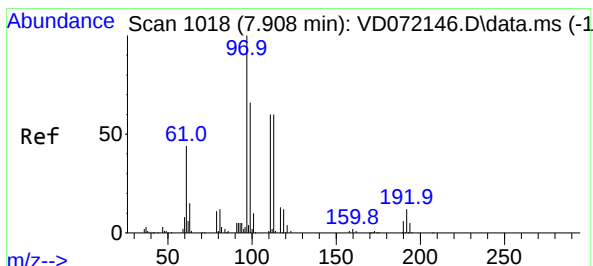
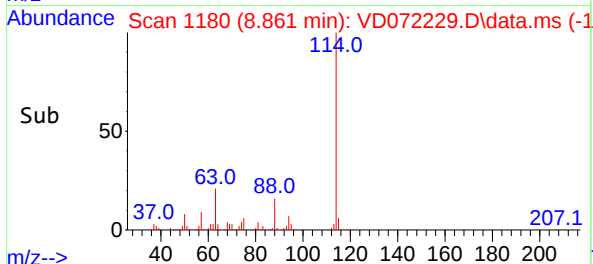
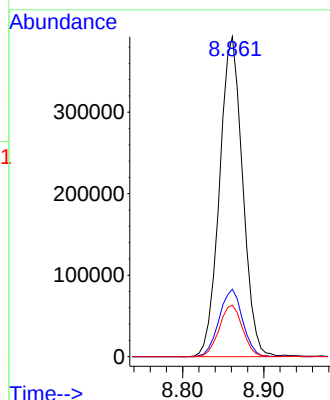
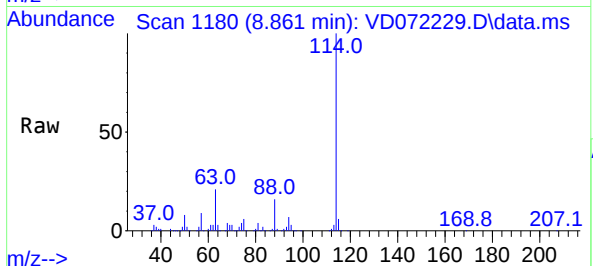


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD072229.D
Acq: 16 Mar 2022 20:22

Instrument :
MSVOA_D
ClientSampleId :
TP1(0-10)

Tgt Ion:114 Resp: 777670

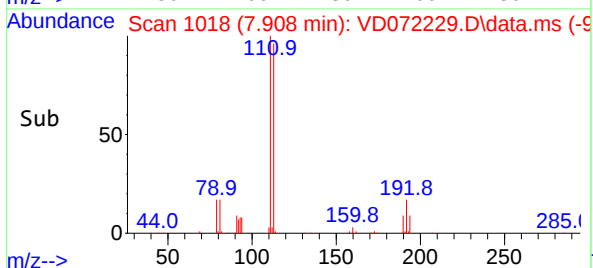
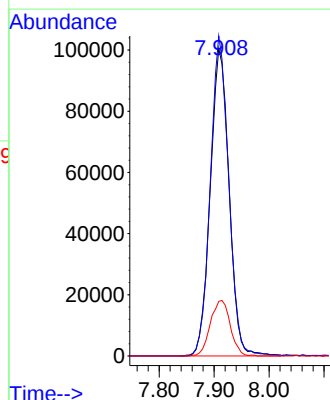
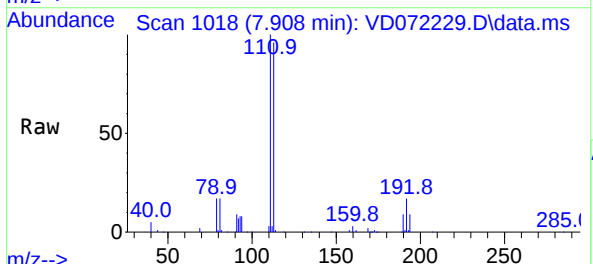
Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	46.6
88	16.1	0.0	33.2



#35
Dibromofluoromethane
Concen: 43.689 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.000 min
Lab File: VD072229.D
Acq: 16 Mar 2022 20:22

Tgt Ion:113 Resp: 239088

Ion	Ratio	Lower	Upper
113	100		
111	101.7	83.8	125.6
192	19.1	14.6	21.8

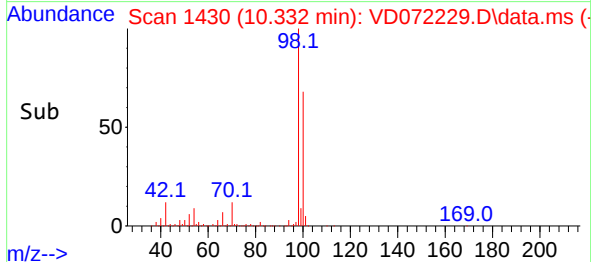
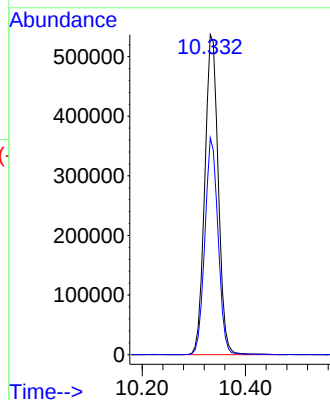
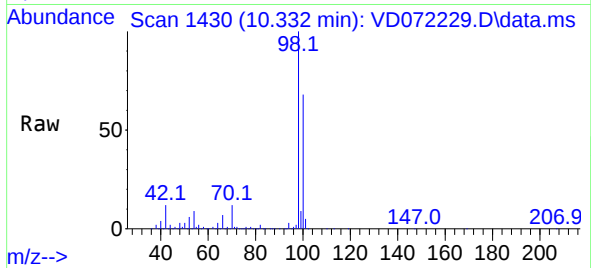




#50
Toluene-d8
Concen: 48.536 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072229.D
Acq: 16 Mar 2022 20:22

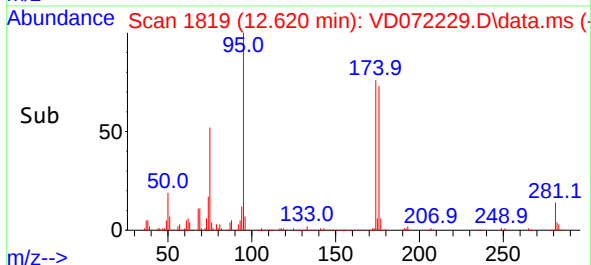
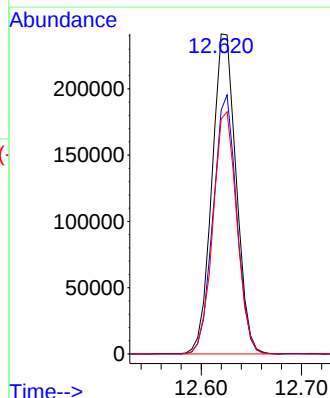
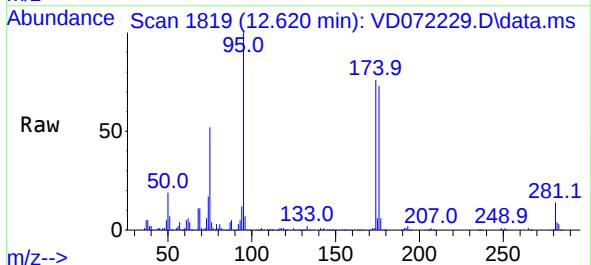
Instrument :
MSVOA_D
ClientSampleId :
TP1(0-10)

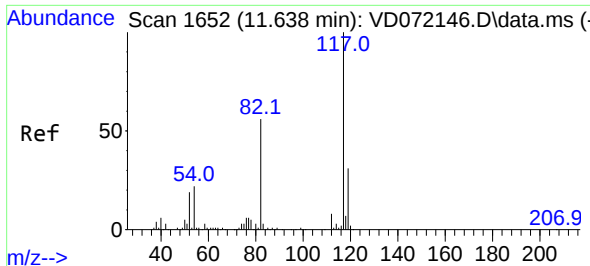
Tgt Ion: 98 Resp: 971224
Ion Ratio Lower Upper
98 100
100 66.5 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 52.002 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072229.D
Acq: 16 Mar 2022 20:22

Tgt Ion: 95 Resp: 404322
Ion Ratio Lower Upper
95 100
174 78.4 0.0 152.8
176 74.6 0.0 145.4

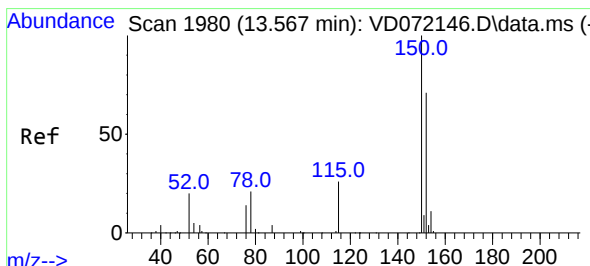
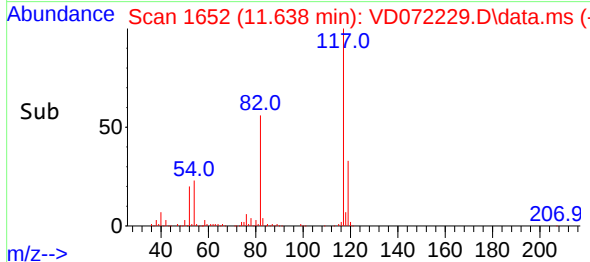
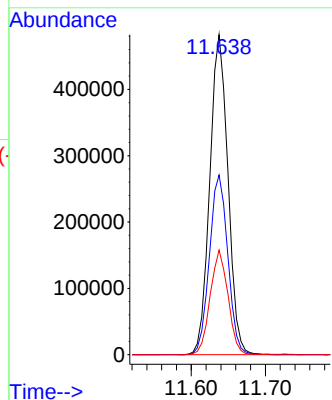
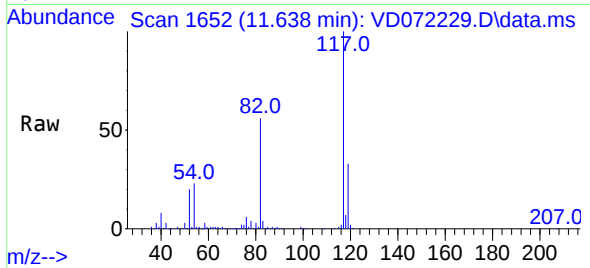




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD072229.D
Acq: 16 Mar 2022 20:22

Instrument :
MSVOA_D
ClientSampleId :
TP1(0-10)

Tgt Ion:117 Resp: 822158
Ion Ratio Lower Upper
117 100
82 56.2 45.3 67.9
119 32.7 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: VD072229.D
Acq: 16 Mar 2022 20:22

Tgt Ion:152 Resp: 398816
Ion Ratio Lower Upper
152 100
115 60.4 31.3 93.8
150 157.3 0.0 348.6

