

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031422\
 Data File : VD072164.D
 Acq On : 14 Mar 2022 13:12
 Operator : VA/SY
 Sample : N1874-01
 Misc : 5.03G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EO-03-030922

Quant Time: Mar 15 01:23:21 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	51116	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	89548	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	91961	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	42989	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	36949	64.862	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	129.720%
35) Dibromofluoromethane	7.908	113	32485	51.551	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.100%
50) Toluene-d8	10.332	98	106153	46.070	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	92.140%
62) 4-Bromofluorobenzene	12.620	95	42746	47.745	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.500%

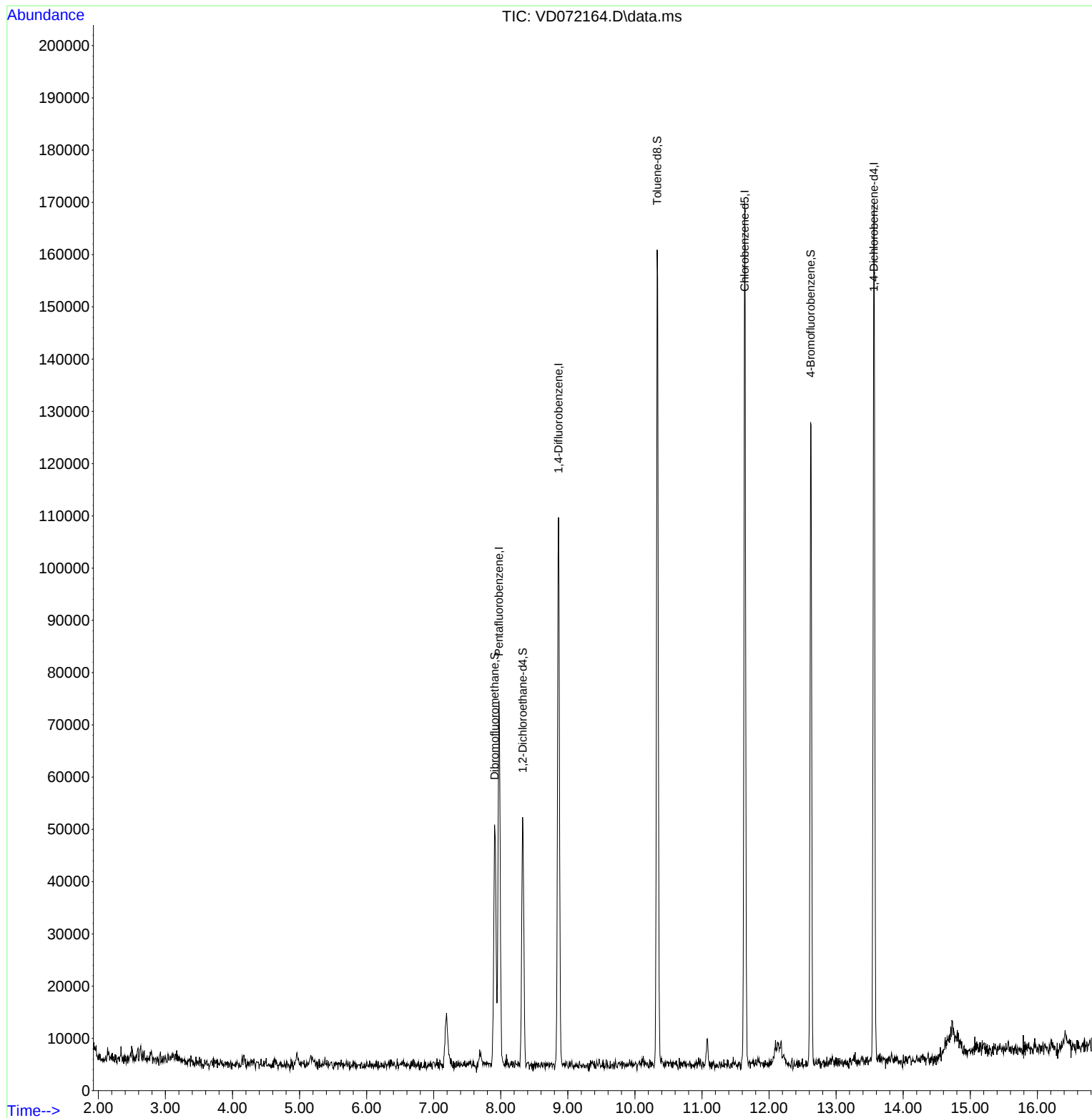
Target Compounds	Qvalue

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

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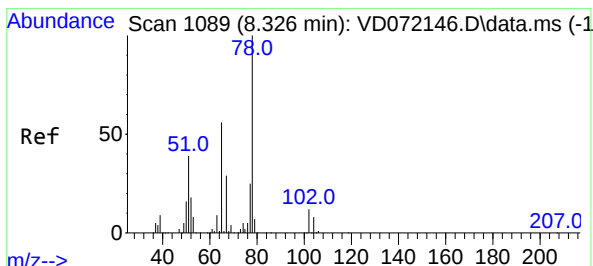
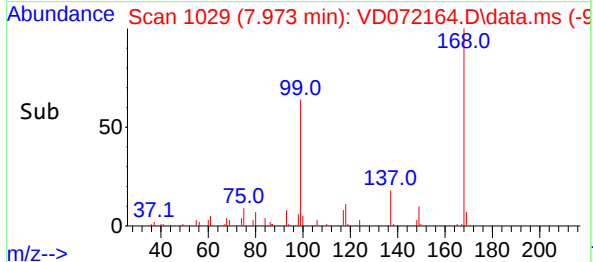
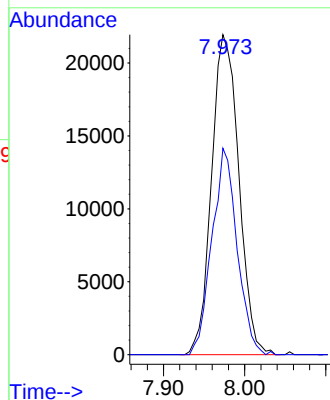
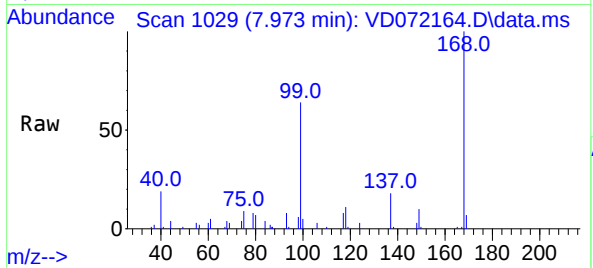




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD072164.D
Acq: 14 Mar 2022 13:12

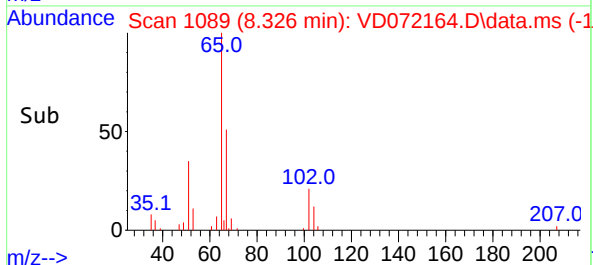
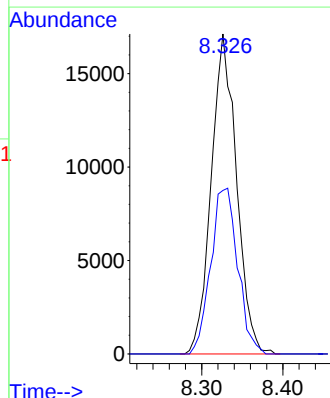
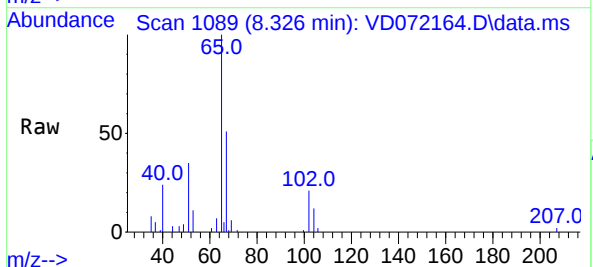
Instrument :
MSVOA_D
ClientSampleId :
EO-03-030922

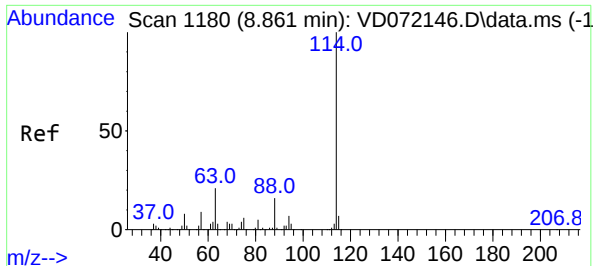
Tgt Ion:168 Resp: 51116
Ion Ratio Lower Upper
168 100
99 64.5 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 64.862 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD072164.D
Acq: 14 Mar 2022 13:12

Tgt Ion: 65 Resp: 36949
Ion Ratio Lower Upper
65 100
67 55.3 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: VD072164.D

Acq: 14 Mar 2022 13:12

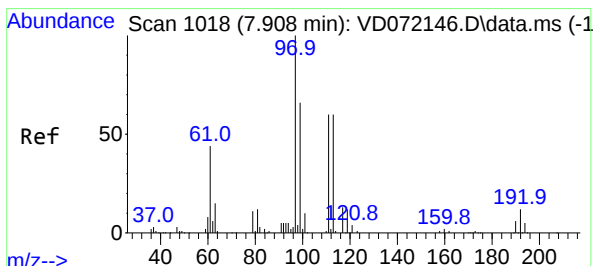
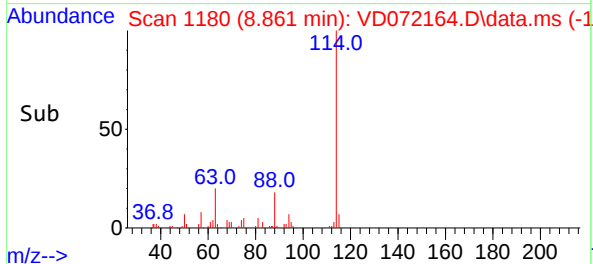
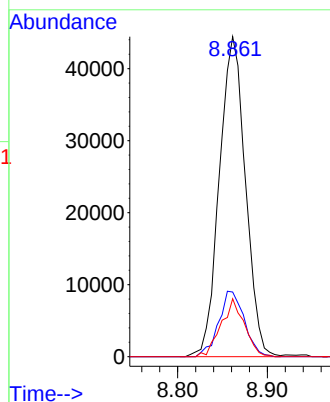
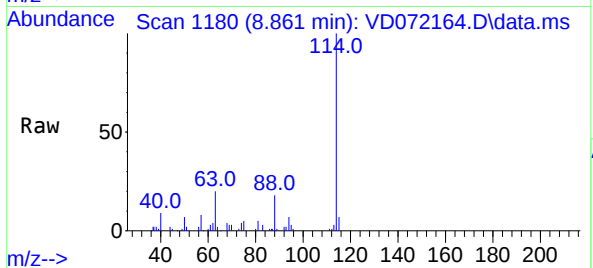
Instrument :

MSVOA_D

ClientSampleId :

EO-03-030922

Tgt Ion:	114	Resp:	89548
Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	46.6
88	18.1	0.0	33.2



#35

Dibromofluoromethane

Concen: 51.551 ug/l

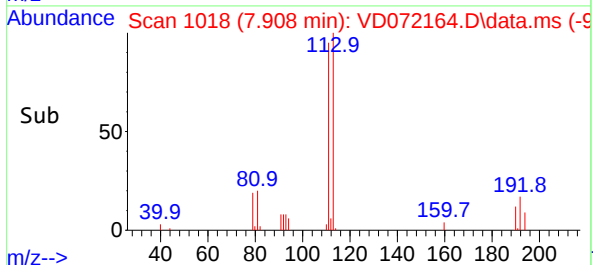
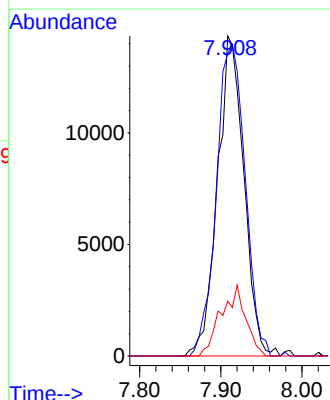
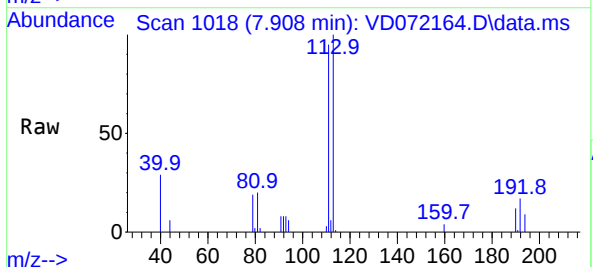
RT: 7.908 min Scan# 1018

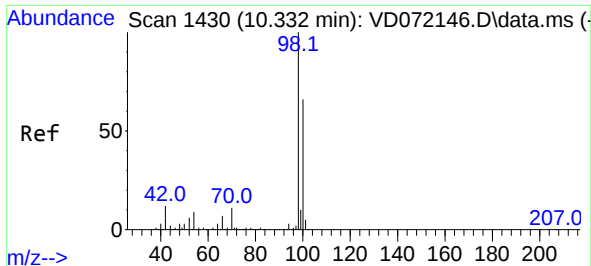
Delta R.T. -0.000 min

Lab File: VD072164.D

Acq: 14 Mar 2022 13:12

Tgt Ion:	113	Resp:	32485
Ion	Ratio	Lower	Upper
113	100		
111	105.8	83.8	125.6
192	20.5	14.6	21.8

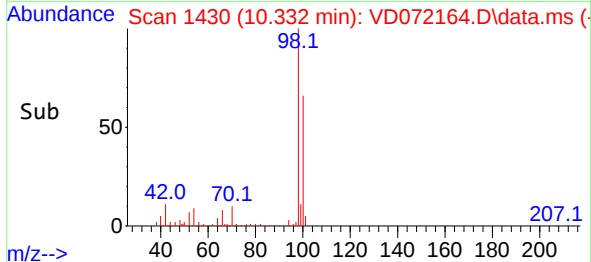
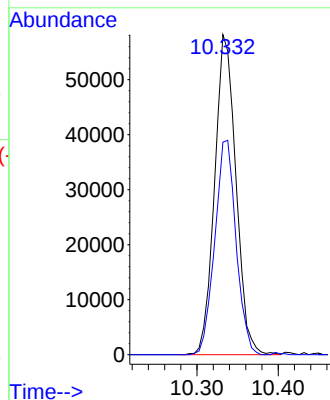
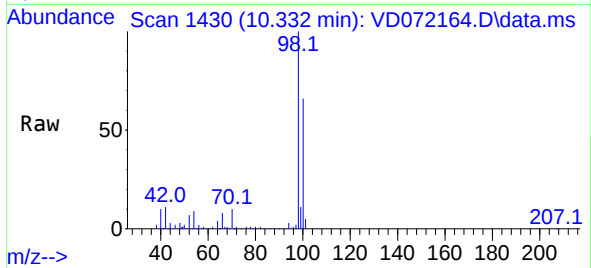




#50
Toluene-d8
Concen: 46.070 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072164.D
Acq: 14 Mar 2022 13:12

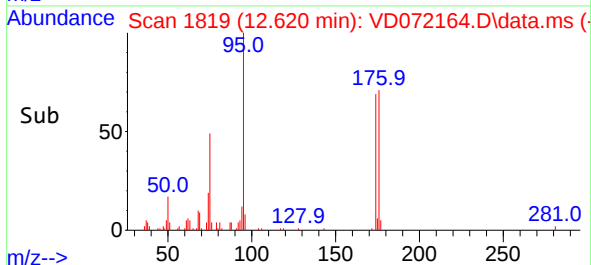
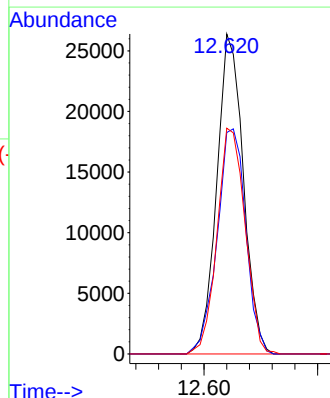
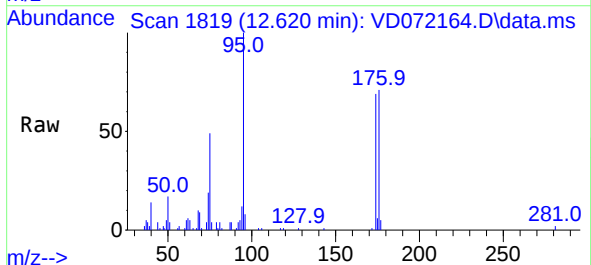
Instrument :
MSVOA_D
ClientSampleId :
EO-03-030922

Tgt Ion: 98 Resp: 106153
Ion Ratio Lower Upper
98 100
100 66.8 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 47.745 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072164.D
Acq: 14 Mar 2022 13:12

Tgt Ion: 95 Resp: 42746
Ion Ratio Lower Upper
95 100
174 75.7 0.0 152.8
176 74.5 0.0 145.4

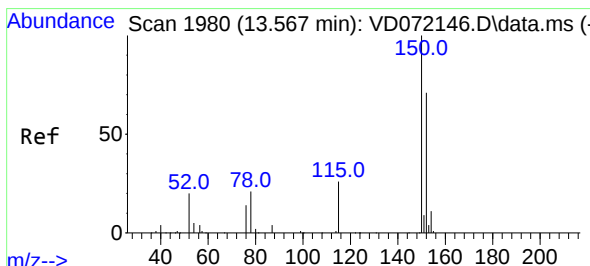
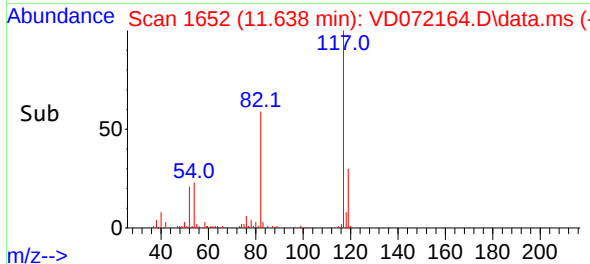
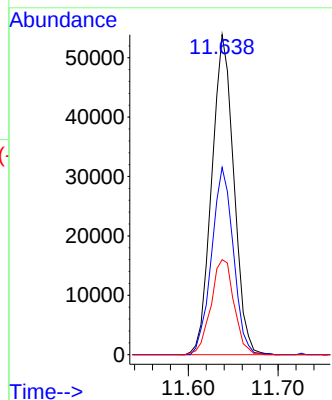
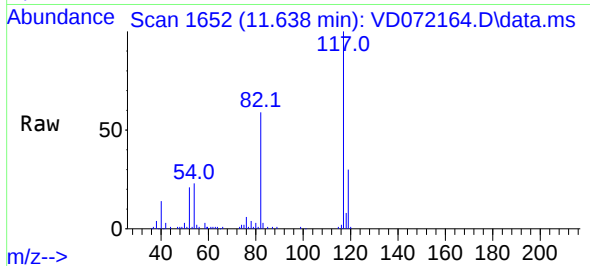




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD072164.D
Acq: 14 Mar 2022 13:12

Instrument :
MSVOA_D
ClientSampleId :
EO-03-030922

Tgt Ion:	117	Resp:	91961
Ion	Ratio	Lower	Upper
117	100		
82	58.5	45.3	67.9
119	29.7	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: VD072164.D
Acq: 14 Mar 2022 13:12

Tgt Ion:	152	Resp:	42989
Ion	Ratio	Lower	Upper
152	100		
115	61.9	31.3	93.8
150	163.2	0.0	348.6

