

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052422\
 Data File : VD073339.D
 Acq On : 24 May 2022 23:29
 Operator : VA/SY
 Sample : VD0524SBL02
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0524SBL02

Quant Time: May 25 05:31:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 19 15:13:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	314009	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	550644	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	580973	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	266980	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	171932	49.545	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.080%
35) Dibromofluoromethane	7.909	113	184484	50.773	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.540%
50) Toluene-d8	10.332	98	679568	50.737	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.480%
62) 4-Bromofluorobenzene	12.620	95	257084	54.693	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	109.380%

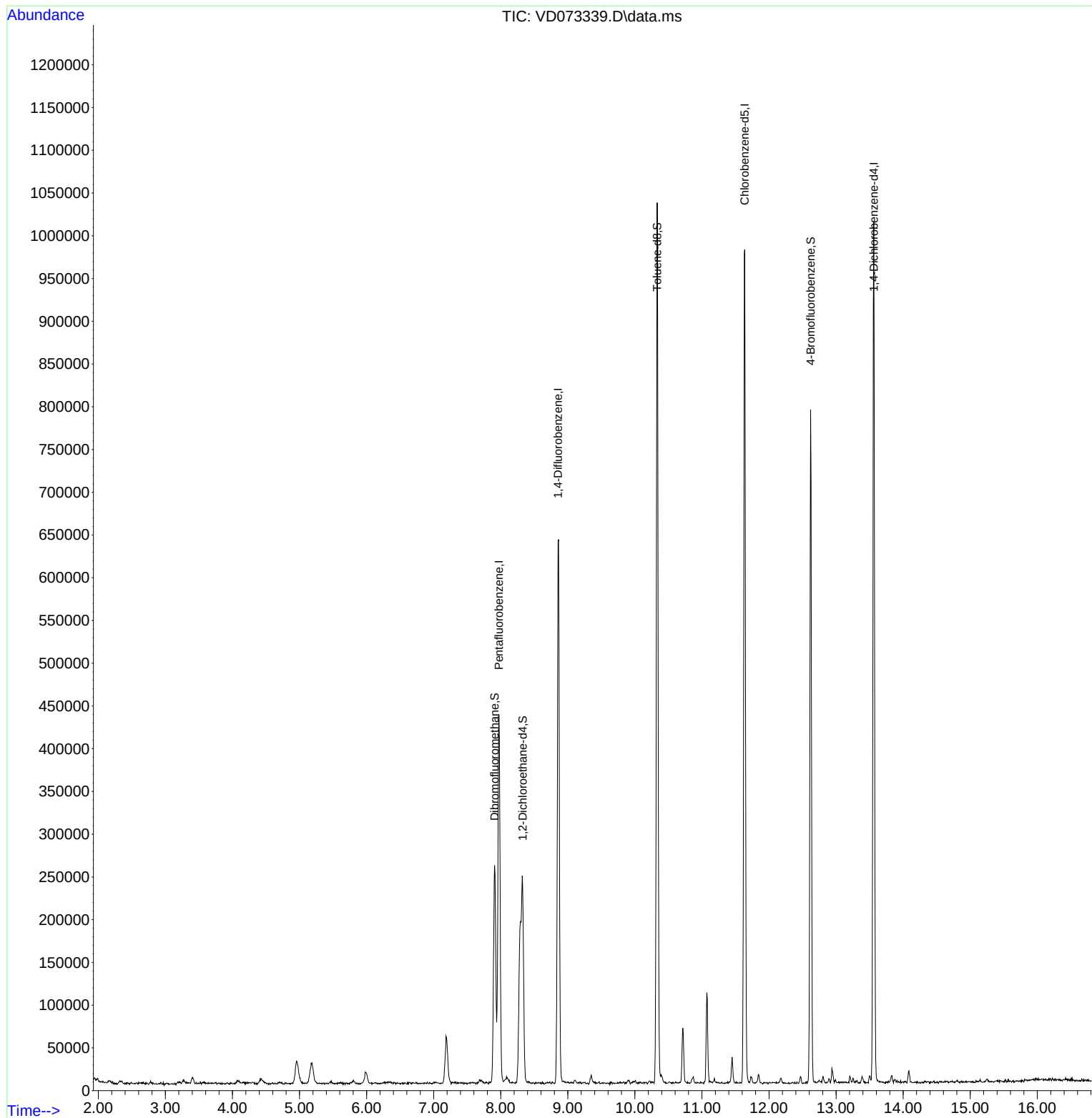
Target Compounds	Qvalue

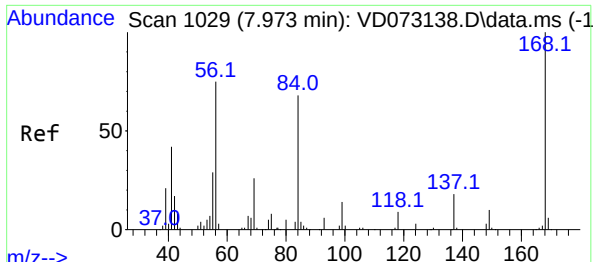
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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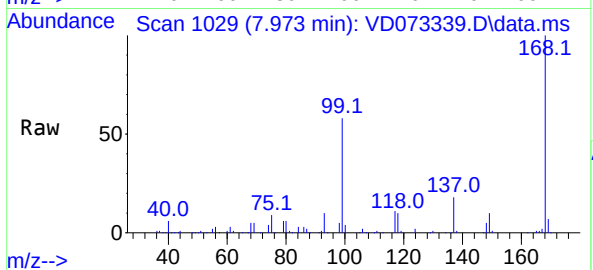
Quant Time: May 25 05:31:16 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
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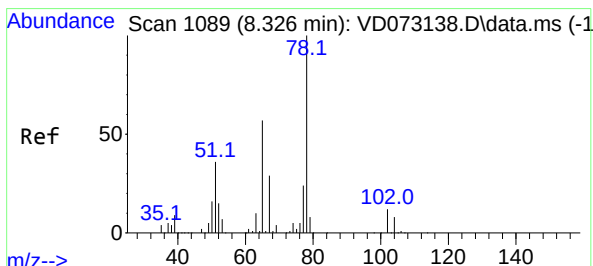
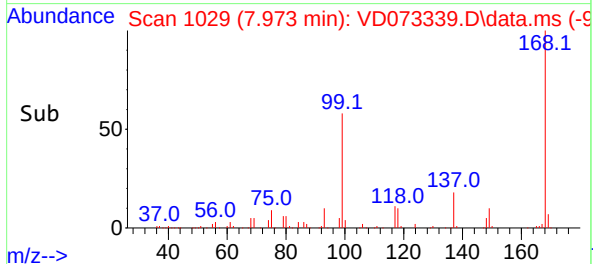
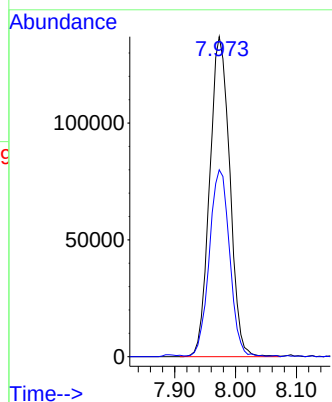


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073339.D
Acq: 24 May 2022 23:29

Instrument :
MSVOA_D
ClientSampleId :
VD0524SBL02

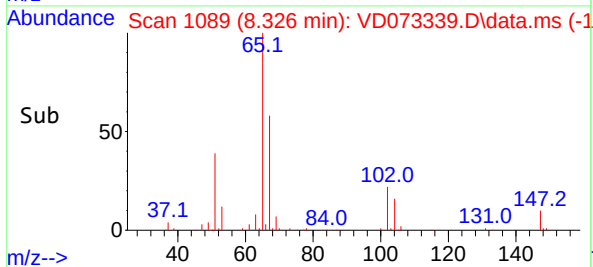
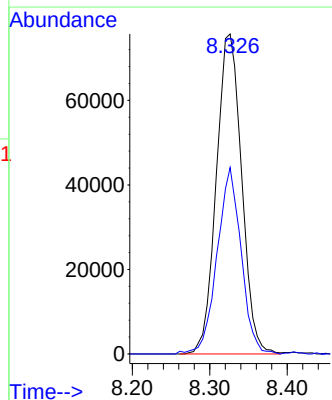
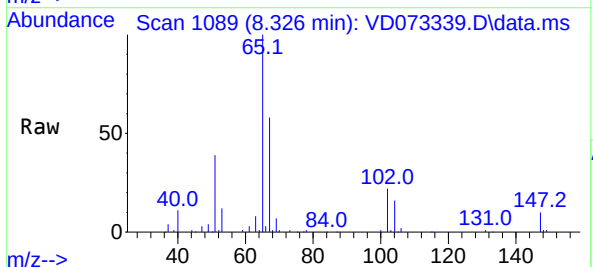


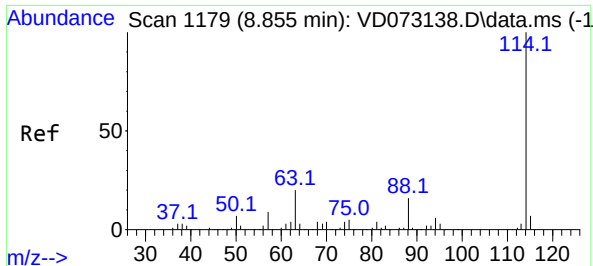
Tgt Ion:168 Resp: 314009
Ion Ratio Lower Upper
168 100
99 58.4 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 49.545 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD073339.D
Acq: 24 May 2022 23:29

Tgt Ion: 65 Resp: 171932
Ion Ratio Lower Upper
65 100
67 55.2 0.0 101.4

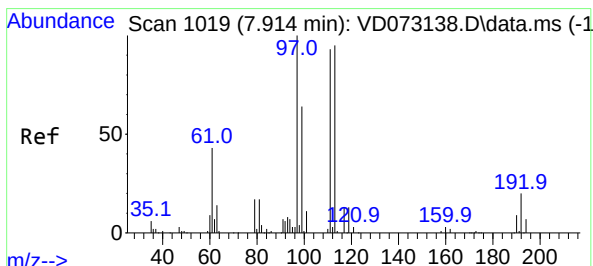
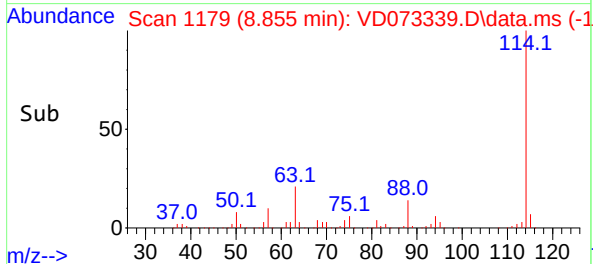
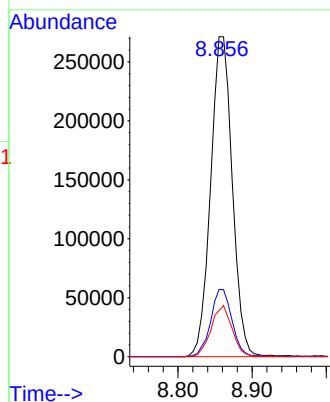
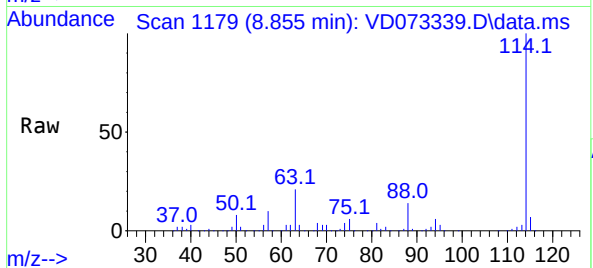




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VD073339.D
Acq: 24 May 2022 23:29

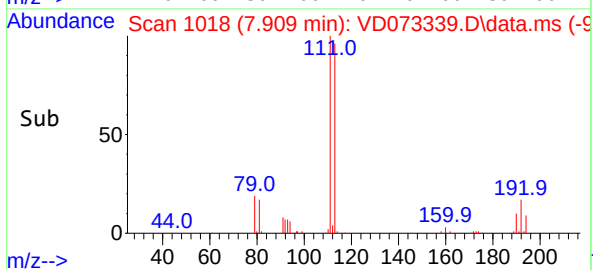
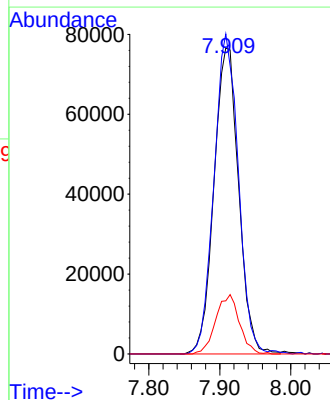
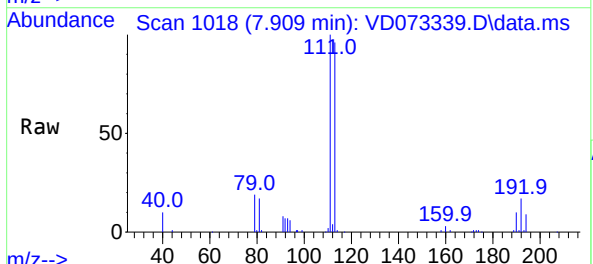
Instrument :
MSVOA_D
ClientSampleId :
VD0524SBL02

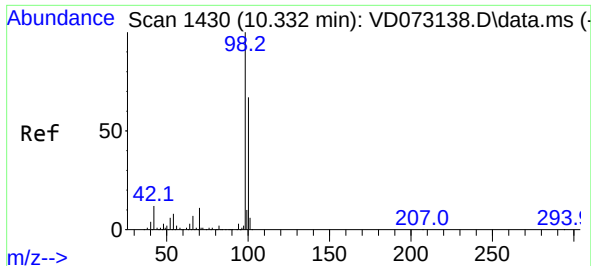
Tgt Ion:114 Resp: 550644
Ion Ratio Lower Upper
114 100
63 21.0 0.0 46.6
88 14.5 0.0 33.2



#35
Dibromofluoromethane
Concen: 50.773 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.005 min
Lab File: VD073339.D
Acq: 24 May 2022 23:29

Tgt Ion:113 Resp: 184484
Ion Ratio Lower Upper
113 100
111 102.8 83.8 125.6
192 18.6 14.6 21.8

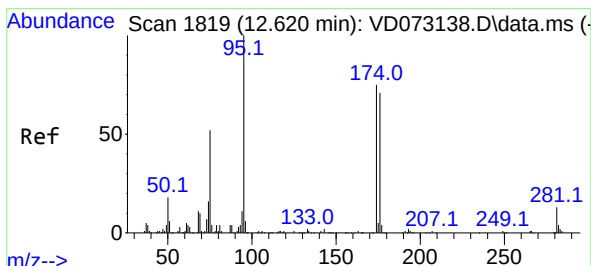
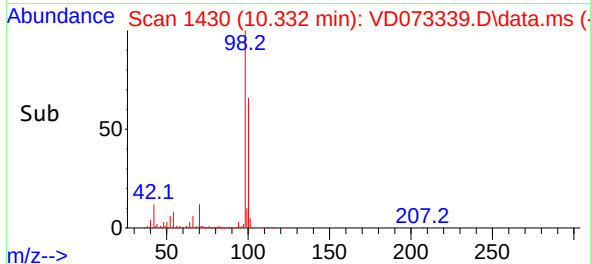
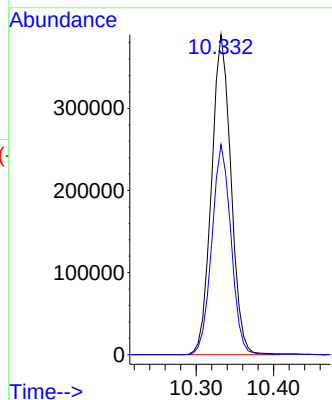
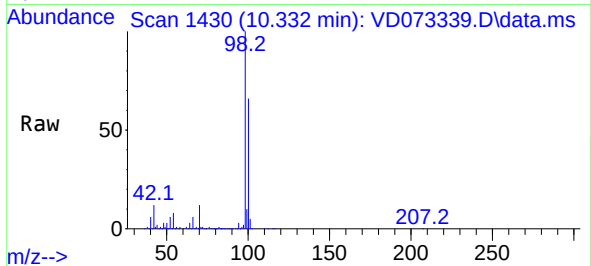




#50
Toluene-d8
Concen: 50.737 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073339.D
Acq: 24 May 2022 23:29

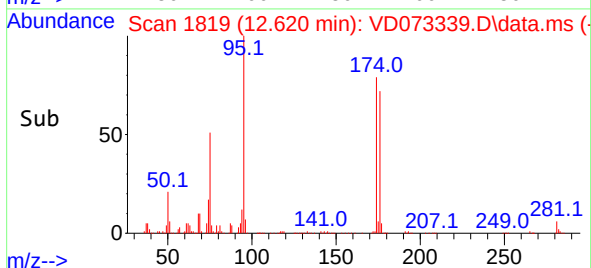
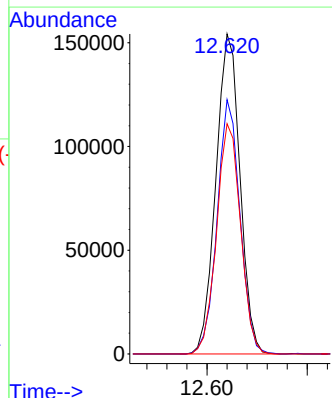
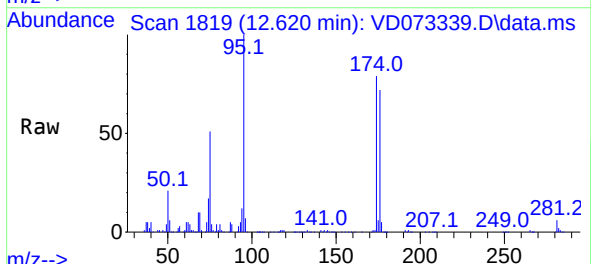
Instrument :
MSVOA_D
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VD0524SBL02

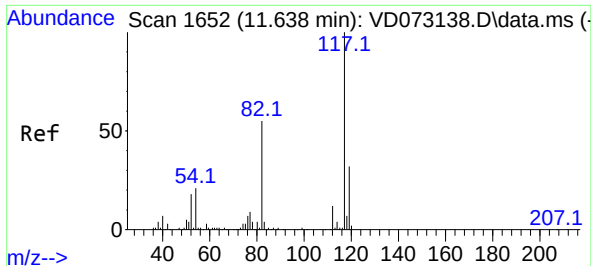
Tgt Ion: 98 Resp: 679568
Ion Ratio Lower Upper
98 100
100 64.8 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 54.693 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073339.D
Acq: 24 May 2022 23:29

Tgt Ion: 95 Resp: 257084
Ion Ratio Lower Upper
95 100
174 75.5 0.0 152.8
176 71.5 0.0 145.4

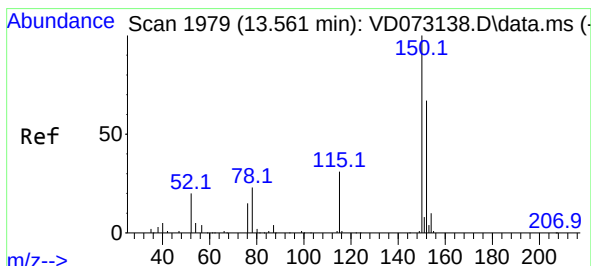
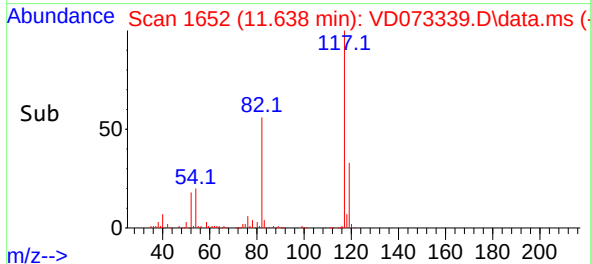
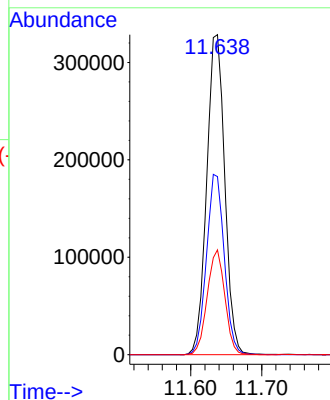
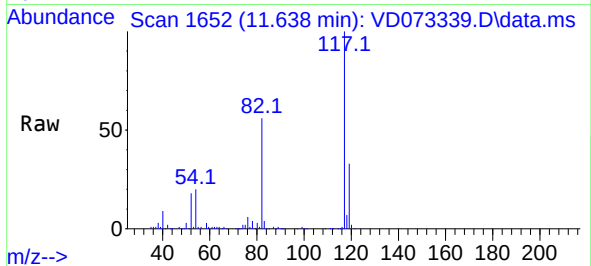




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD073339.D
Acq: 24 May 2022 23:29

Instrument :
MSVOA_D
ClientSampleId :
VD0524SBL02

Tgt Ion:117 Resp: 580973
Ion Ratio Lower Upper
117 100
82 55.6 45.3 67.9
119 32.8 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD073339.D
Acq: 24 May 2022 23:29

Tgt Ion:152 Resp: 266980
Ion Ratio Lower Upper
152 100
115 61.0 31.3 93.8
150 157.3 0.0 348.6

