

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082621\
 Data File : VD070263.D
 Acq On : 26 Aug 2021 11:28
 Operator : VA/SY
 Sample : VD0826SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0826SBL01

Quant Time: Aug 27 01:22:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081321S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 14 02:33:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	520888	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1022997	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1033043	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	435240	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	336570	54.937	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	109.880%
35) Dibromofluoromethane	7.909	113	345073	52.211	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.420%
50) Toluene-d8	10.338	98	1336954	52.009	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.020%
62) 4-Bromofluorobenzene	12.626	95	441708	52.168	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	104.340%

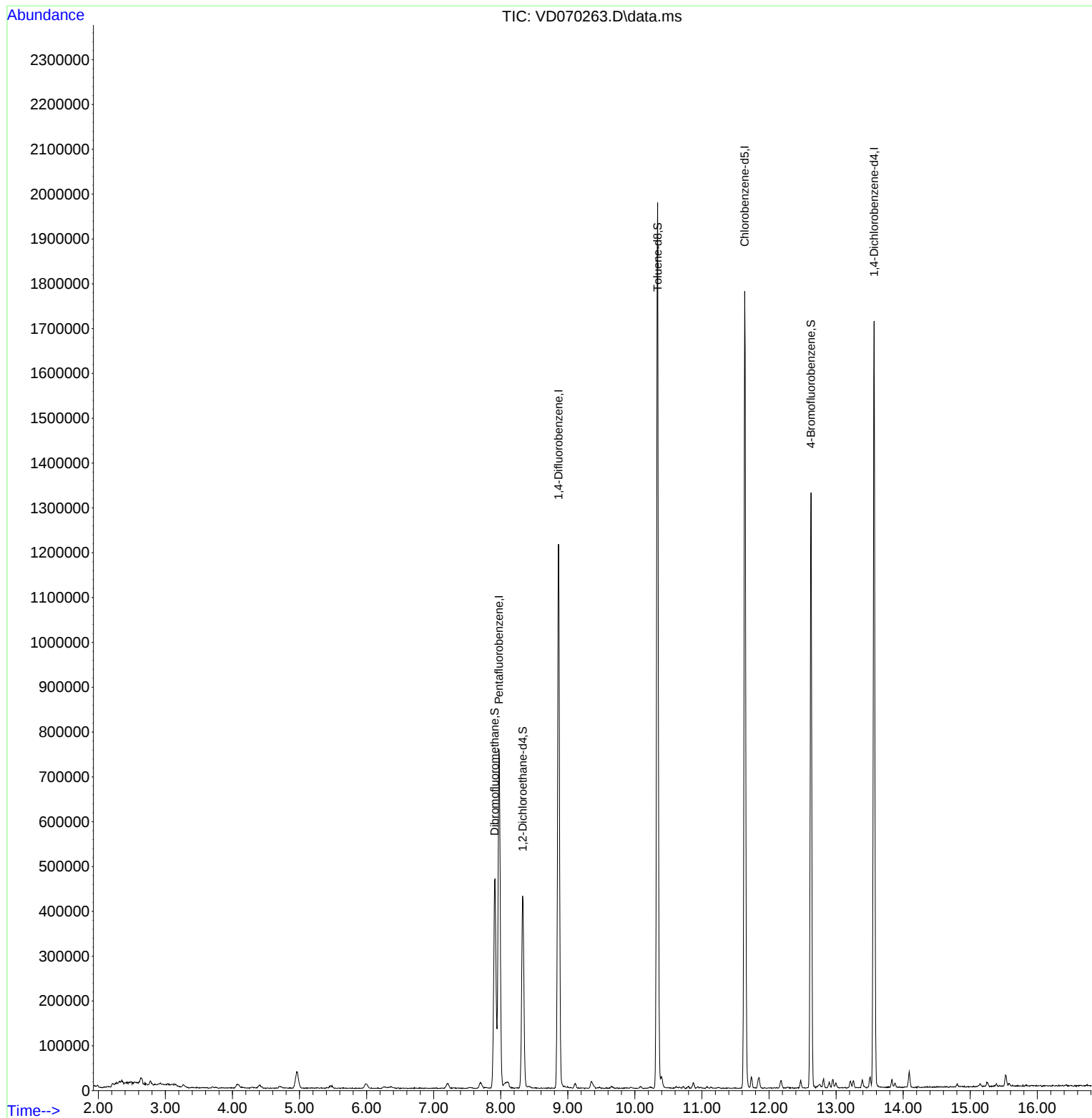
Target Compounds	Qvalue

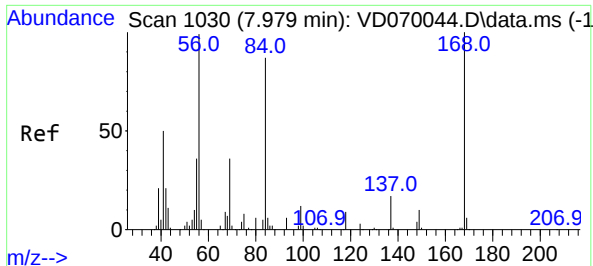
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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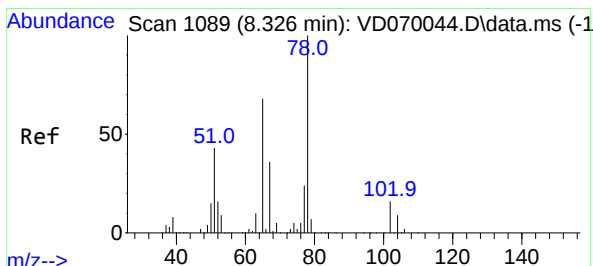
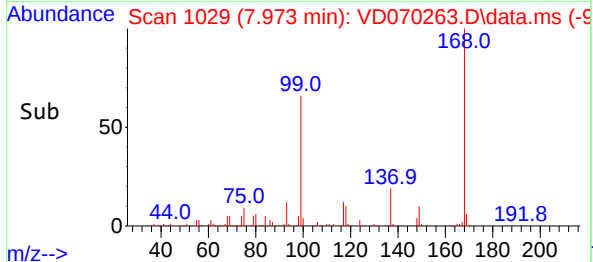
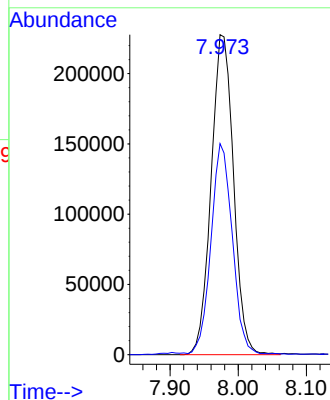
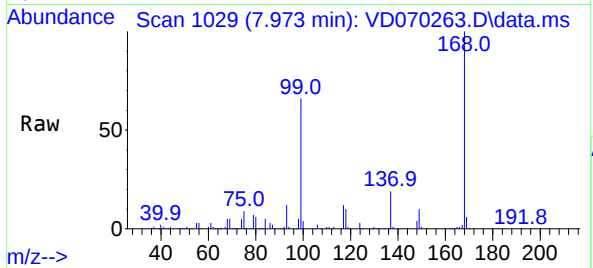




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD070263.D
Acq: 26 Aug 2021 11:28

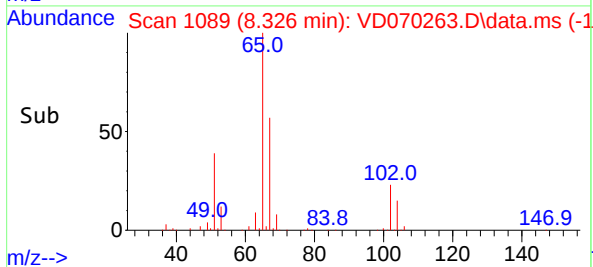
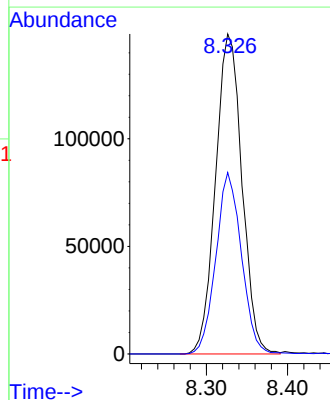
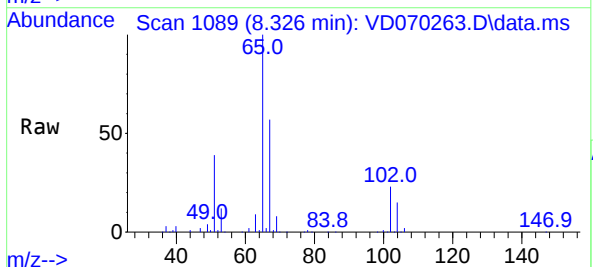
Instrument :
MSVOA_D
ClientSampleId :
VD0826SBL01

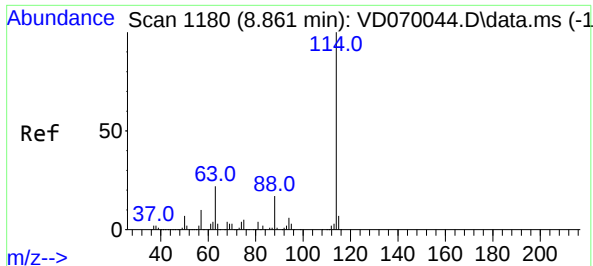
Tgt Ion:168 Resp: 520888
Ion Ratio Lower Upper
168 100
99 65.7 50.3 75.5



#33
1,2-Dichloroethane-d4
Concen: 54.937 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD070263.D
Acq: 26 Aug 2021 11:28

Tgt Ion: 65 Resp: 336570
Ion Ratio Lower Upper
65 100
67 54.9 0.0 107.8



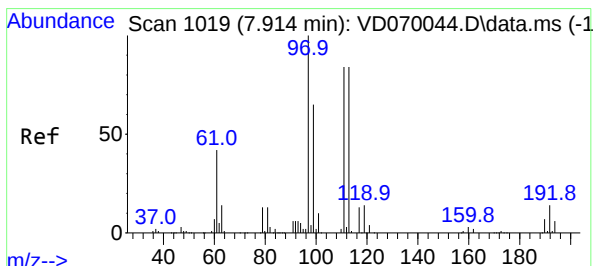
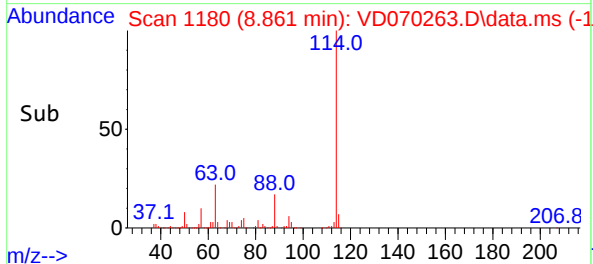
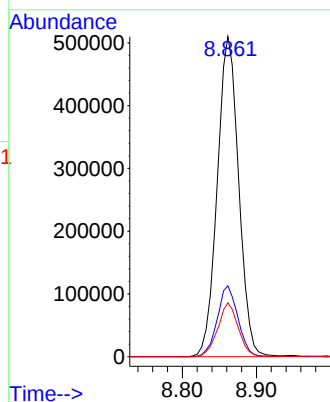
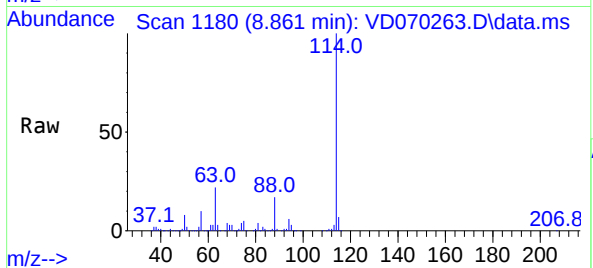


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070263.D
Acq: 26 Aug 2021 11:28

Instrument :
MSVOA_D
ClientSampleId :
VD0826SBL01

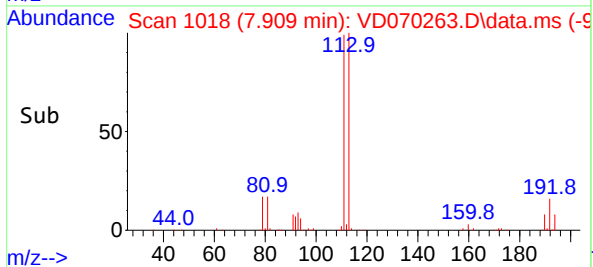
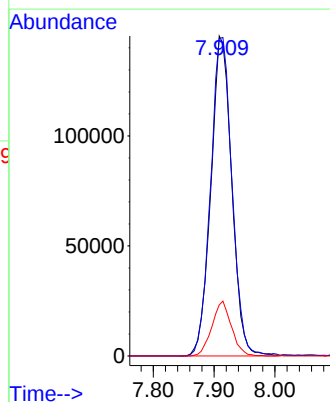
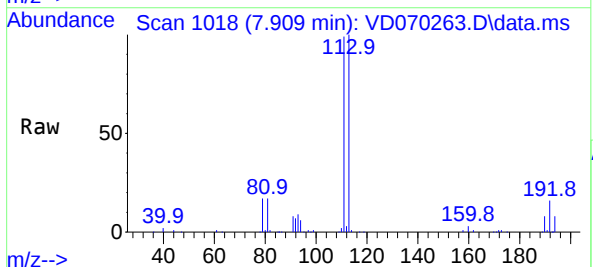
Tgt Ion:114 Resp: 1022997
Ion Ratio Lower Upper
114 100
63 22.2 0.0 43.6
88 16.9 0.0 33.4

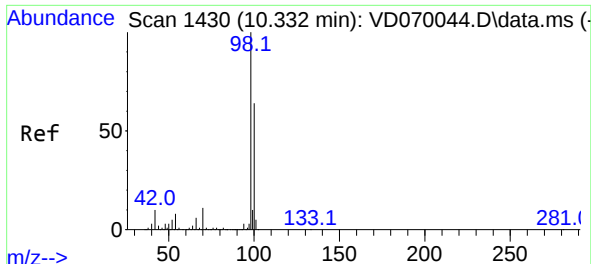


#35

Dibromofluoromethane
Concen: 52.211 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD070263.D
Acq: 26 Aug 2021 11:28

Tgt Ion:113 Resp: 345073
Ion Ratio Lower Upper
113 100
111 102.3 81.8 122.6
192 16.1 13.2 19.8

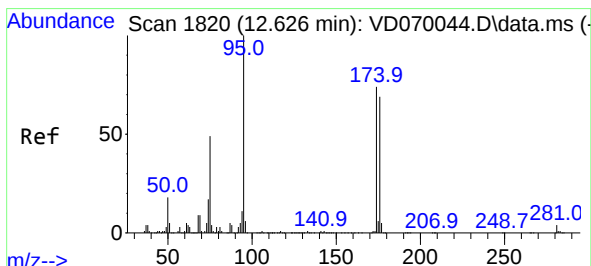
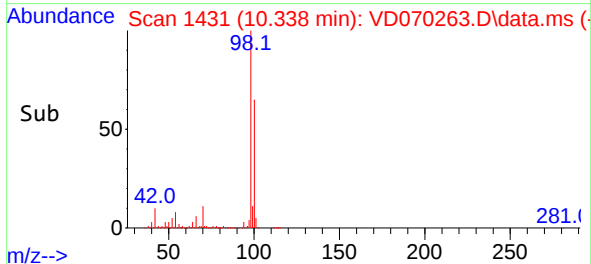
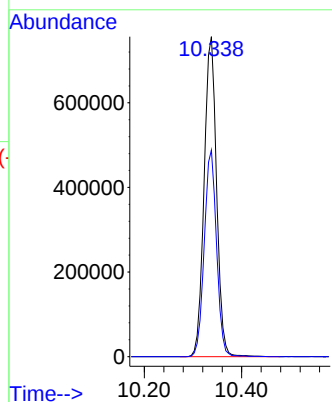
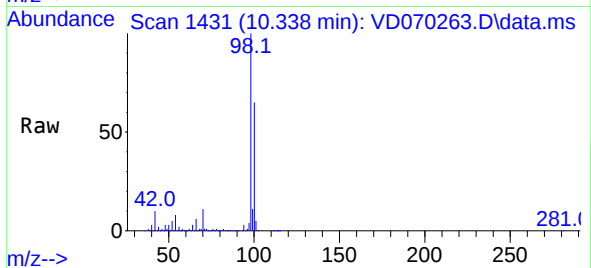




#50
Toluene-d8
Concen: 52.009 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070263.D
Acq: 26 Aug 2021 11:28

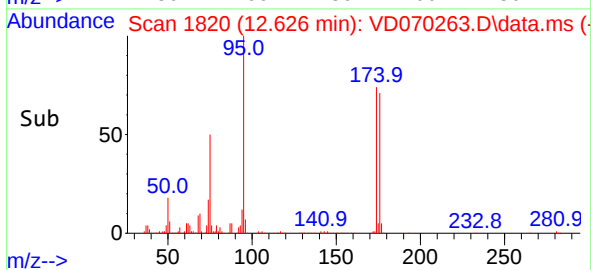
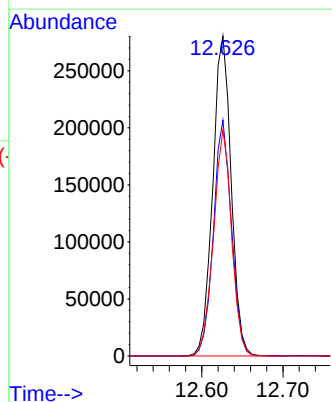
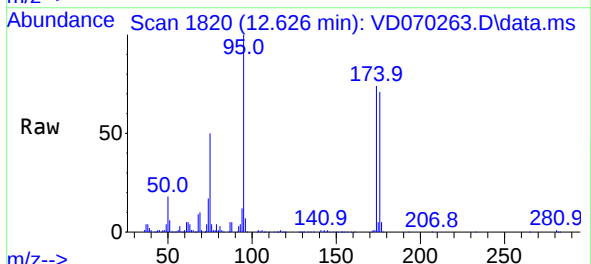
Instrument :
MSVOA_D
ClientSampleId :
VD0826SBL01

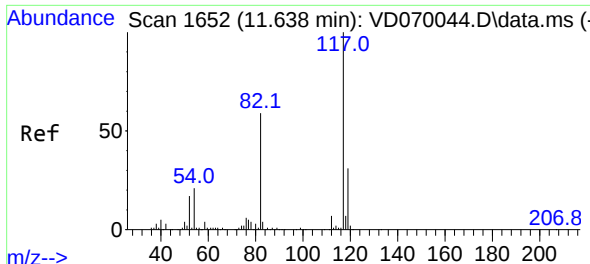
Tgt Ion: 98 Resp: 1336954
Ion Ratio Lower Upper
98 100
100 63.8 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 52.168 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD070263.D
Acq: 26 Aug 2021 11:28

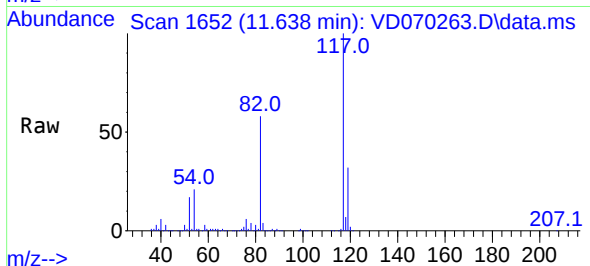
Tgt Ion: 95 Resp: 441708
Ion Ratio Lower Upper
95 100
174 72.6 0.0 141.6
176 69.5 0.0 138.2



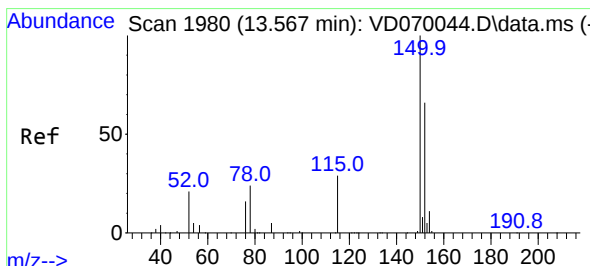
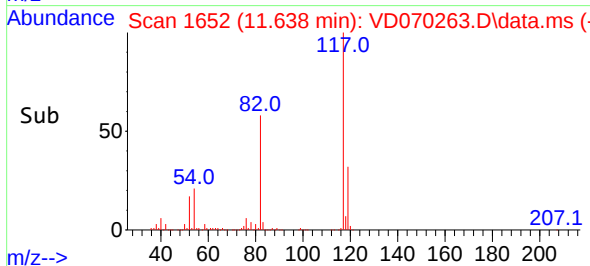
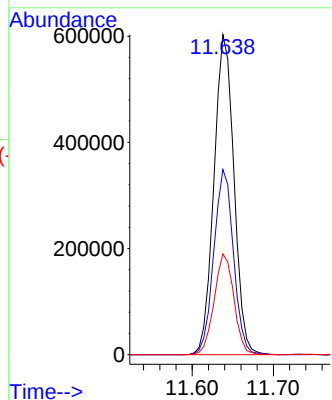


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070263.D
Acq: 26 Aug 2021 11:28

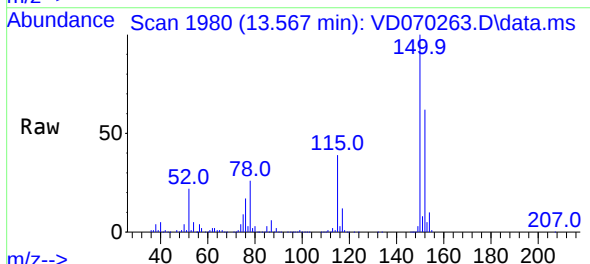
Instrument :
MSVOA_D
ClientSampleId :
VD0826SBL01



Tgt Ion:117 Resp: 1033043
Ion Ratio Lower Upper
117 100
82 57.9 47.5 71.3
119 31.5 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD070263.D
Acq: 26 Aug 2021 11:28



Tgt Ion:152 Resp: 435240
Ion Ratio Lower Upper
152 100
115 63.0 31.2 93.6
150 160.8 0.0 352.0

