

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081922\
 Data File : VD074148.D
 Acq On : 19 Aug 2022 15:01
 Operator : VA/SY
 Sample : VD0819SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0819SBL01

Quant Time: Aug 20 01:23:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081822S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 19 09:25:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.967	168	172458	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	297634	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	275991	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	118302	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	64382	50.230	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	100.460%
35) Dibromofluoromethane	7.908	113	78629	54.249	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.500%
50) Toluene-d8	10.332	98	187700	45.554	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	91.100%
62) 4-Bromofluorobenzene	12.620	95	96672	43.407	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	86.820%

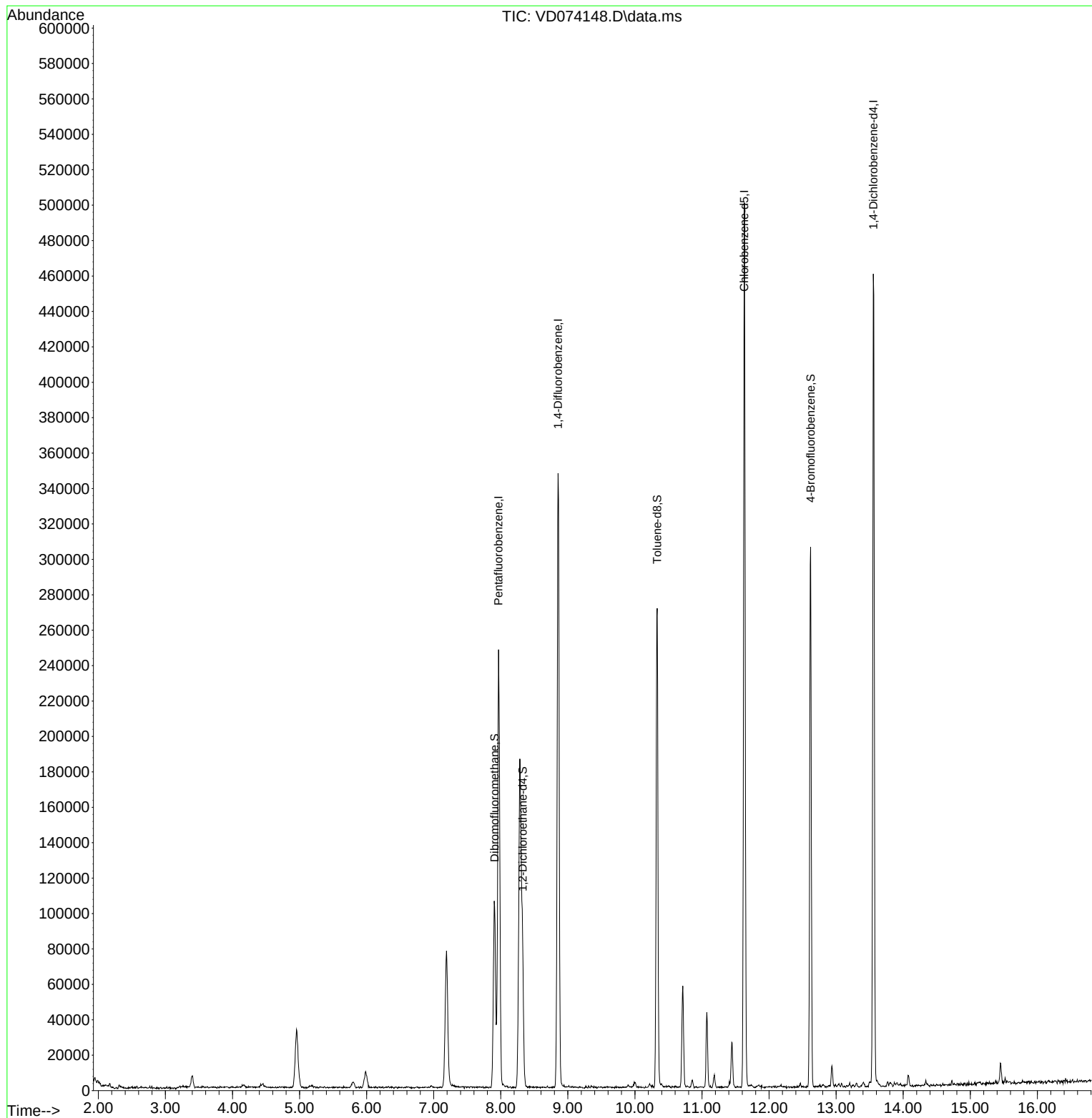
Target Compounds	Qvalue

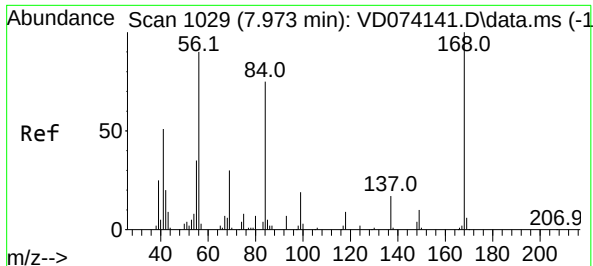
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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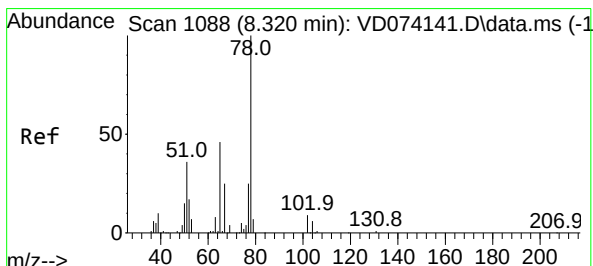
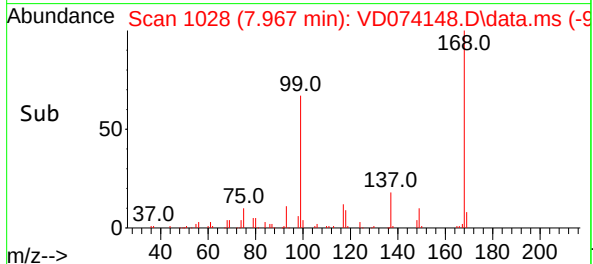
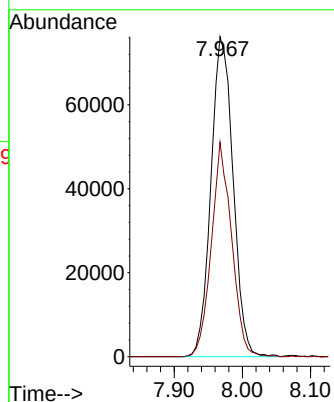
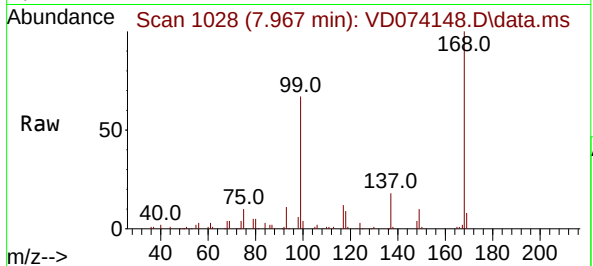




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.006 min
Lab File: VD074148.D
Acq: 19 Aug 2022 15:01

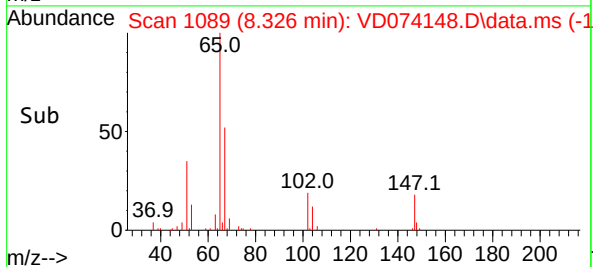
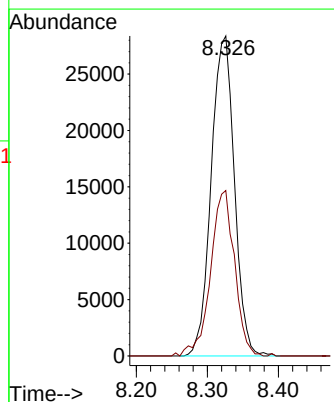
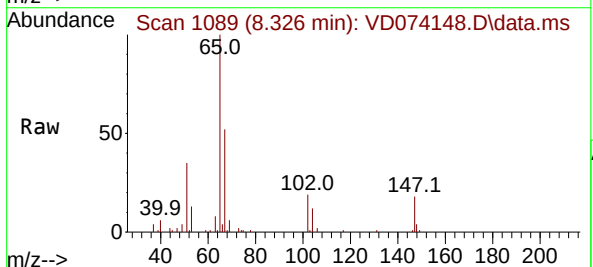
Instrument :
MSVOA_D
ClientSampleId :
VD0819SBL01

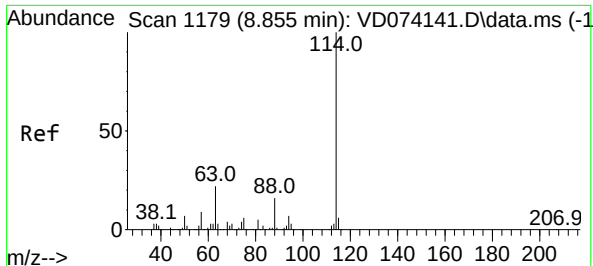
Tgt Ion:168 Resp: 172458
Ion Ratio Lower Upper
168 100
99 67.0 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 50.230 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VD074148.D
Acq: 19 Aug 2022 15:01

Tgt Ion: 65 Resp: 64382
Ion Ratio Lower Upper
65 100
67 53.4 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: VD074148.D

Acq: 19 Aug 2022 15:01

Instrument :

MSVOA_D

ClientSampleId :

VD0819SBL01

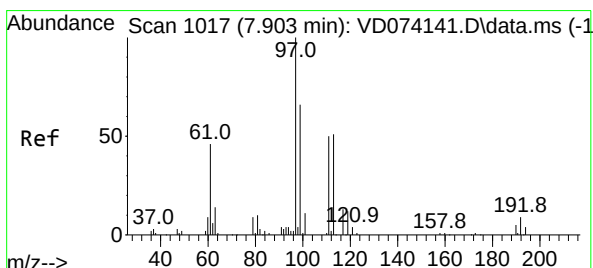
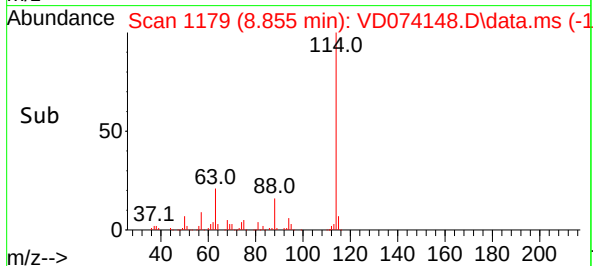
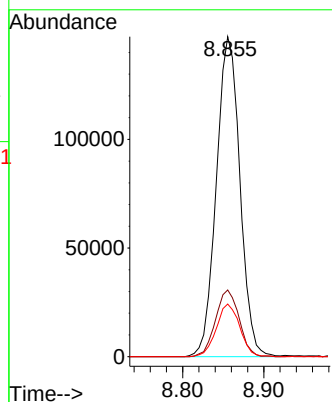
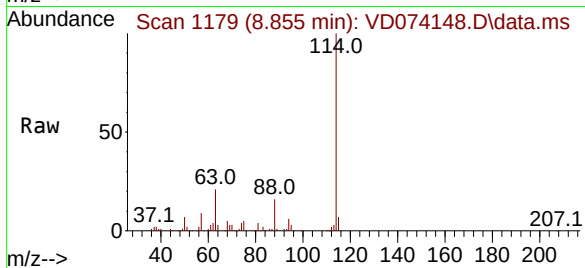
Tgt Ion:114 Resp: 297634

Ion Ratio Lower Upper

114 100

63 20.9 0.0 46.6

88 16.5 0.0 33.2



#35

Dibromofluoromethane

Concen: 54.249 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. 0.005 min

Lab File: VD074148.D

Acq: 19 Aug 2022 15:01

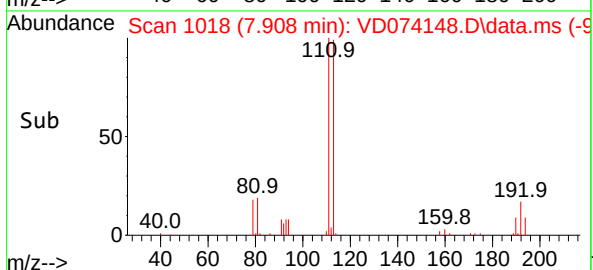
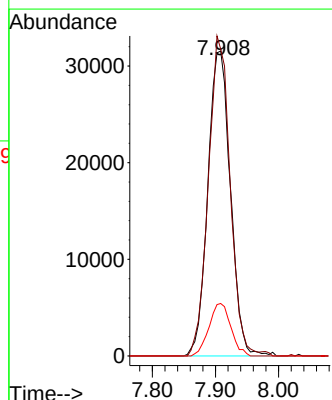
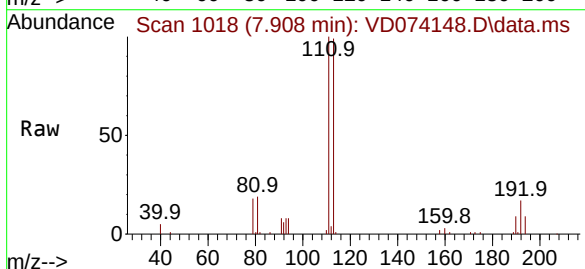
Tgt Ion:113 Resp: 78629

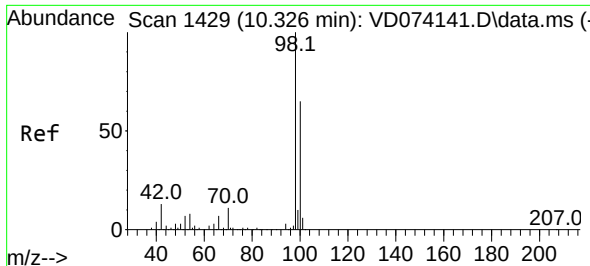
Ion Ratio Lower Upper

113 100

111 101.3 83.8 125.6

192 16.7 14.6 21.8

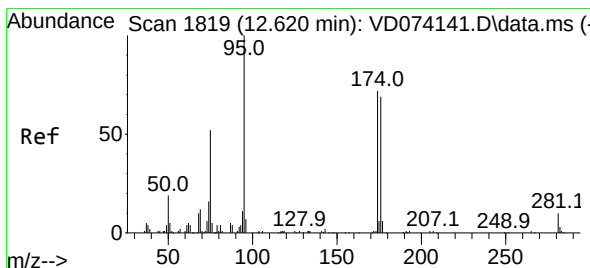
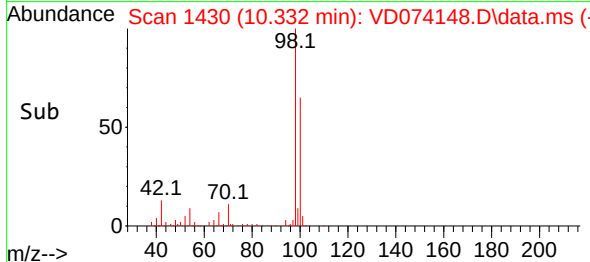
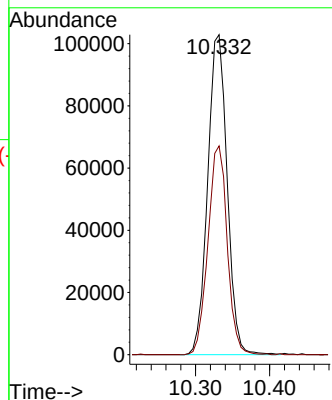
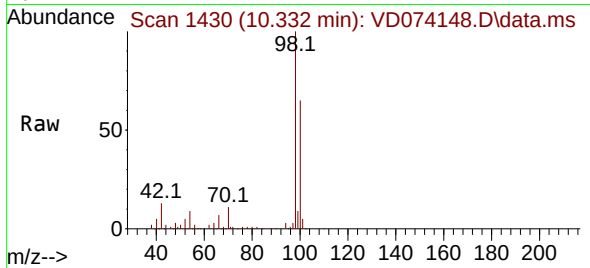




#50
Toluene-d8
Concen: 45.554 ug/l
RT: 10.332 min Scan# 1429
Delta R.T. 0.006 min
Lab File: VD074148.D
Acq: 19 Aug 2022 15:01

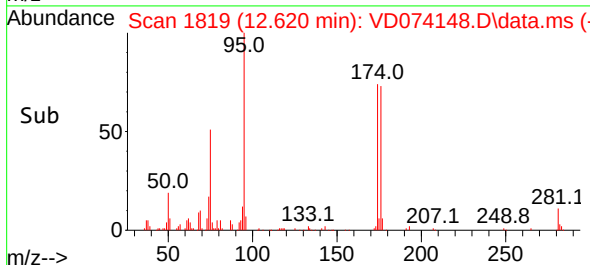
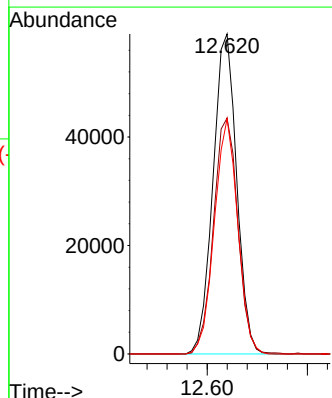
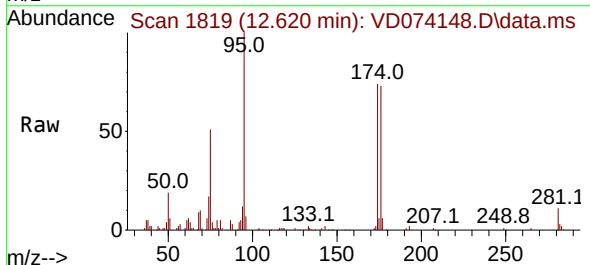
Instrument :
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VD0819SBL01

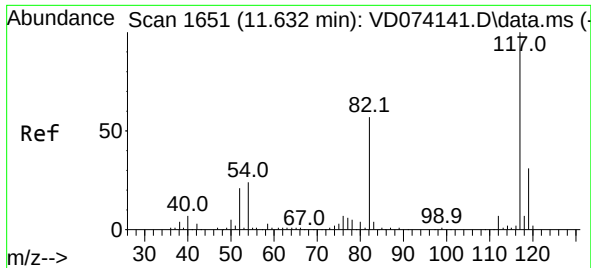
Tgt Ion: 98 Resp: 187700
Ion Ratio Lower Upper
98 100
100 64.6 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 43.407 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD074148.D
Acq: 19 Aug 2022 15:01

Tgt Ion: 95 Resp: 96672
Ion Ratio Lower Upper
95 100
174 75.8 0.0 152.8
176 72.6 0.0 145.4

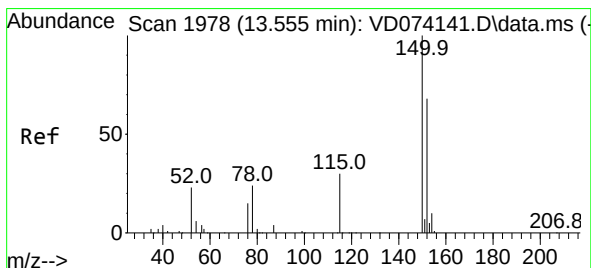
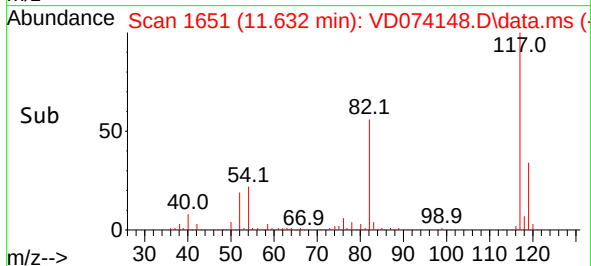
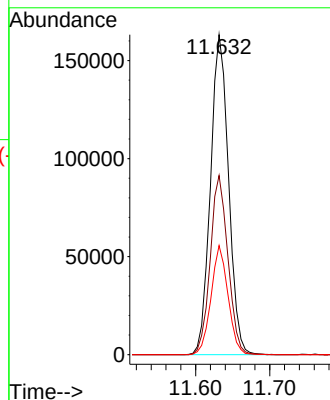
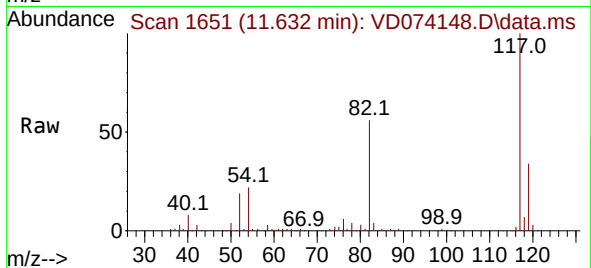




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD074148.D
Acq: 19 Aug 2022 15:01

Instrument :
MSVOA_D
ClientSampleId :
VD0819SBL01

Tgt Ion:117 Resp: 275991
Ion Ratio Lower Upper
117 100
82 56.0 45.3 67.9
119 34.1 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.555 min Scan# 1978
Delta R.T. 0.000 min
Lab File: VD074148.D
Acq: 19 Aug 2022 15:01

Tgt Ion:152 Resp: 118302
Ion Ratio Lower Upper
152 100
115 62.9 31.3 93.8
150 162.2 0.0 348.6

