

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122123\
 Data File : VD078053.D
 Acq On : 22 Dec 2023 05:40
 Operator : RP/MD
 Sample : 05926-05
 Misc : 5.09G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MR-319-3.7-4.7

Quant Time: Dec 22 07:55:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 14:48:10 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	161377	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	285870	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	271084	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	117739	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	72386	38.066	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	76.140%
35) Dibromofluoromethane	7.811	113	84437	42.168	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	84.340%
50) Toluene-d8	10.269	98	367202	45.786	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	91.580%
62) 4-Bromofluorobenzene	12.575	95	102626	42.801	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	85.600%

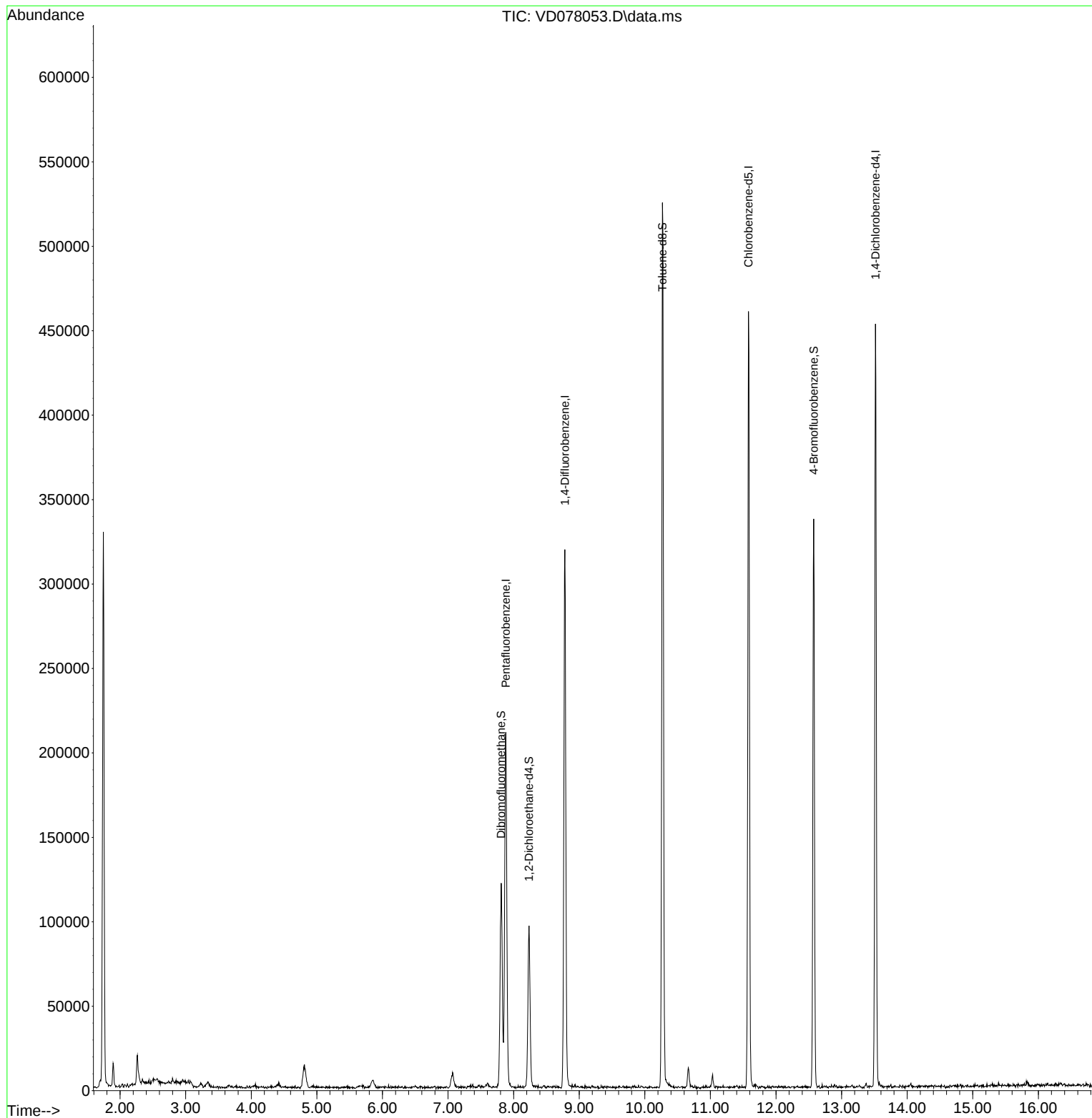
Target Compounds	Qvalue

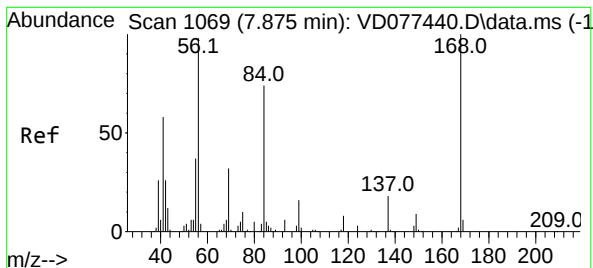
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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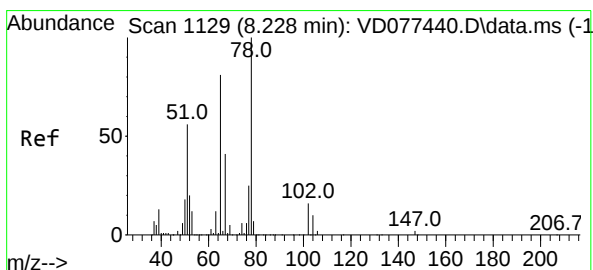
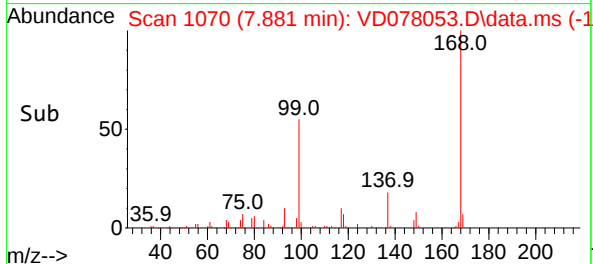
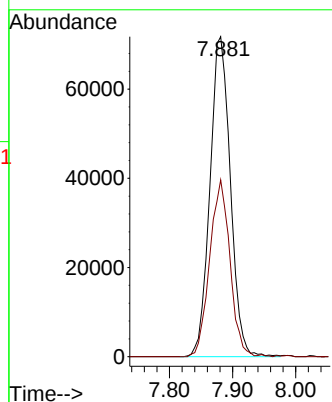
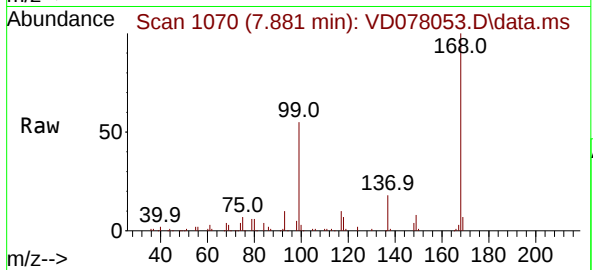




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 110
Delta R.T. 0.006 min
Lab File: VD078053.D
Acq: 22 Dec 2023 05:40

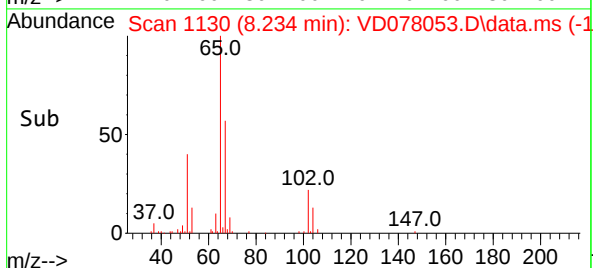
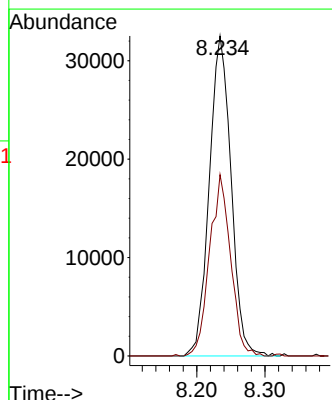
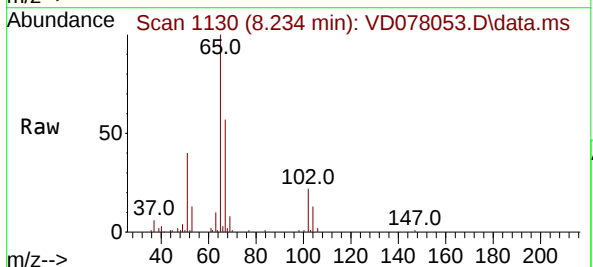
Instrument :
MSVOA_D
ClientSampleId :
MR-319-3.7-4.7

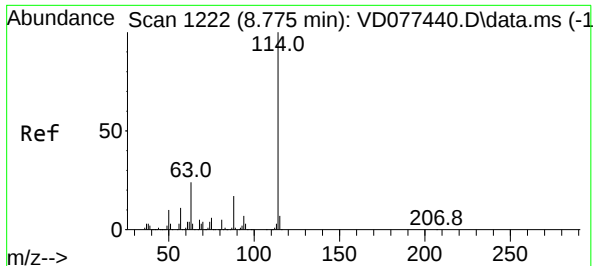
Tgt Ion:168 Resp: 161377
Ion Ratio Lower Upper
168 100
99 55.2 36.7 55.1#



#33
1,2-Dichloroethane-d4
Concen: 38.066 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD078053.D
Acq: 22 Dec 2023 05:40

Tgt Ion: 65 Resp: 72386
Ion Ratio Lower Upper
65 100
67 54.6 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD078053.D

Acq: 22 Dec 2023 05:40

Instrument :

MSVOA_D

ClientSampleId :

MR-319-3.7-4.7

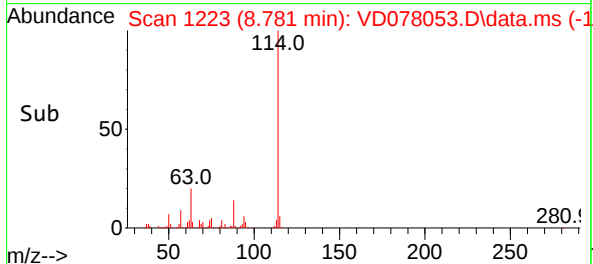
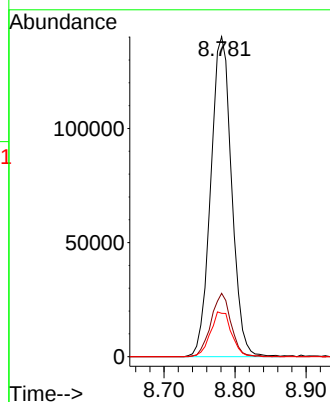
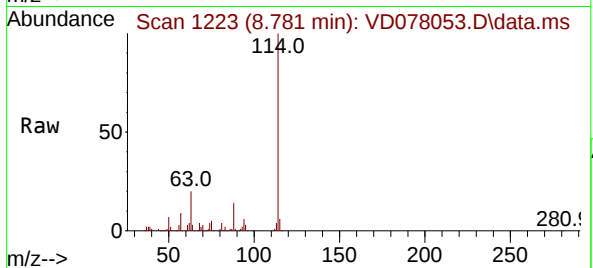
Tgt Ion:114 Resp: 285870

Ion Ratio Lower Upper

114 100

63 19.8 0.0 33.4

88 13.5 0.0 26.2



#35

Dibromofluoromethane

Concen: 42.168 ug/l

RT: 7.811 min Scan# 1058

Delta R.T. 0.007 min

Lab File: VD078053.D

Acq: 22 Dec 2023 05:40

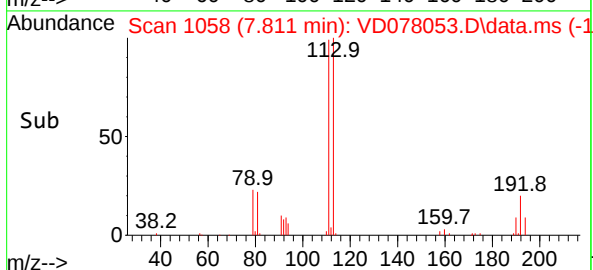
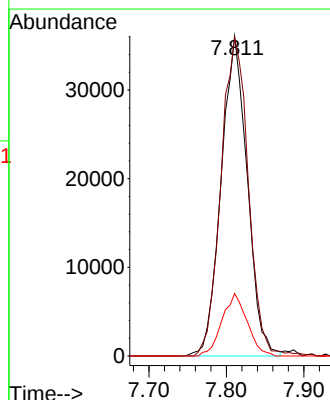
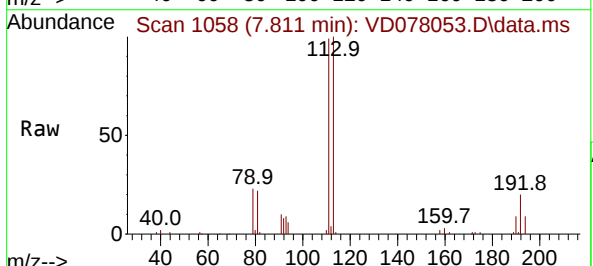
Tgt Ion:113 Resp: 84437

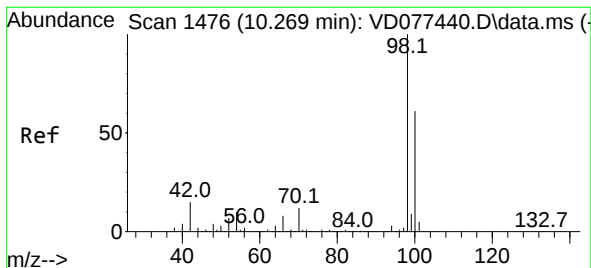
Ion Ratio Lower Upper

113 100

111 104.4 84.7 127.1

192 18.8 16.8 25.2





#50

Toluene-d8

Concen: 45.786 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD078053.D

Acq: 22 Dec 2023 05:40

Instrument :

MSVOA_D

ClientSampleId :

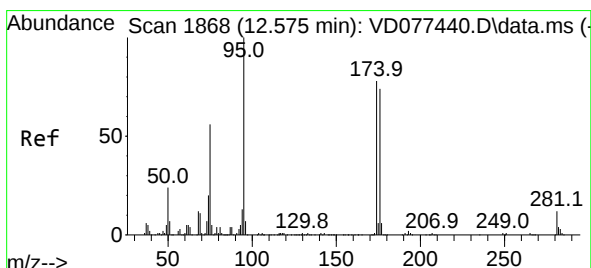
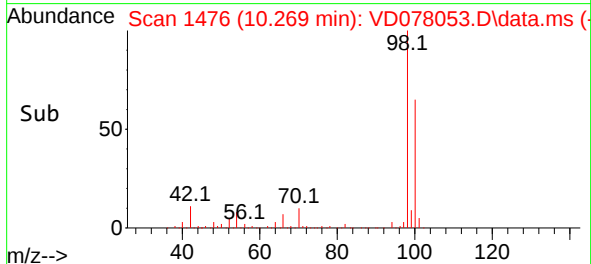
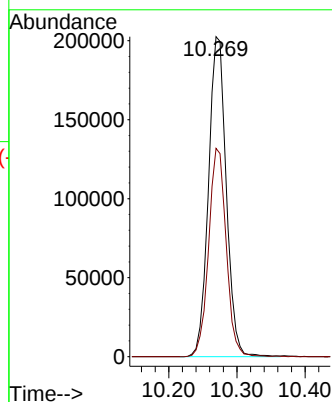
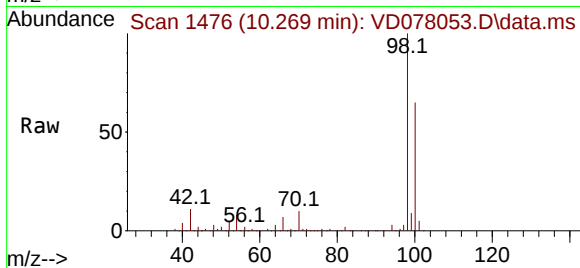
MR-319-3.7-4.7

Tgt Ion: 98 Resp: 367202

Ion Ratio Lower Upper

98 100

100 64.3 50.3 75.5



#62

4-Bromofluorobenzene

Concen: 42.801 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VD078053.D

Acq: 22 Dec 2023 05:40

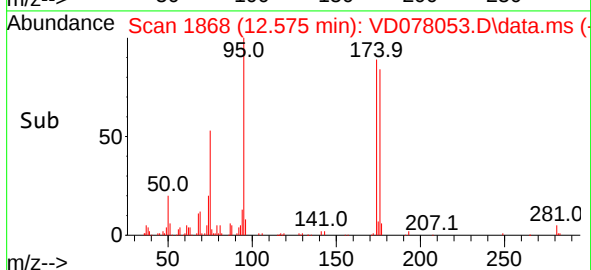
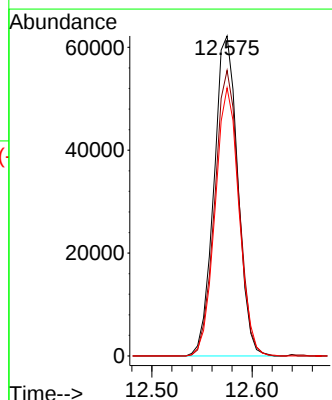
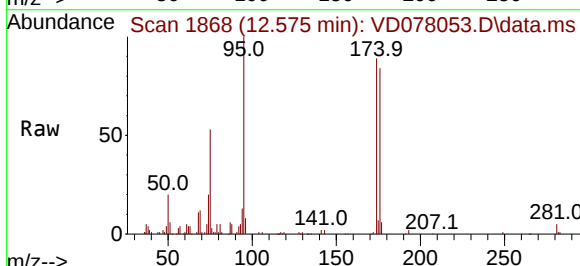
Tgt Ion: 95 Resp: 102626

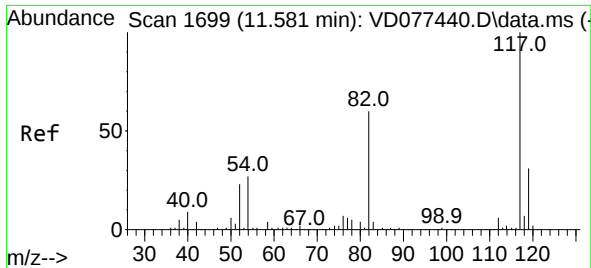
Ion Ratio Lower Upper

95 100

174 90.1 0.0 201.8

176 84.0 0.0 191.8

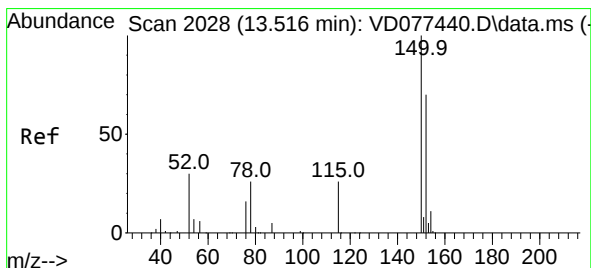
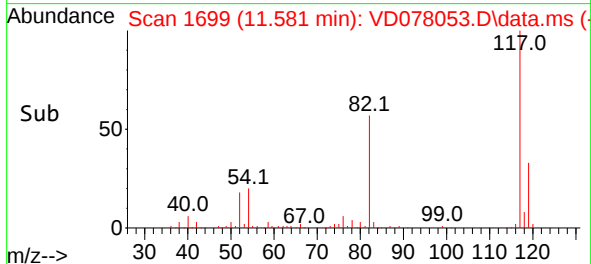
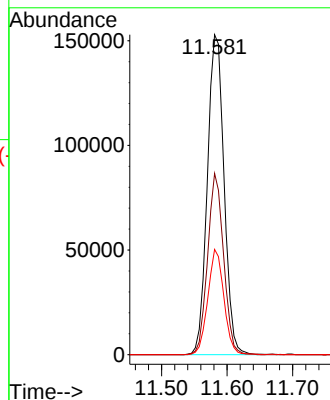
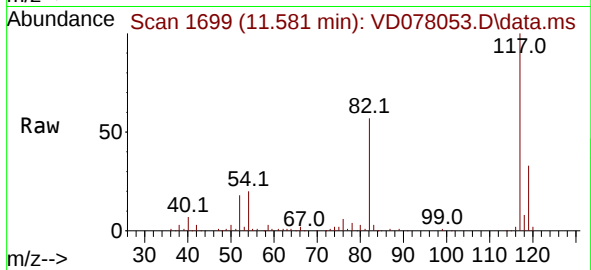




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD078053.D
Acq: 22 Dec 2023 05:40

Instrument :
MSVOA_D
ClientSampleId :
MR-319-3.7-4.7

Tgt Ion:117 Resp: 271084
Ion Ratio Lower Upper
117 100
82 56.7 38.3 57.5
119 32.9 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD078053.D
Acq: 22 Dec 2023 05:40

Tgt Ion:152 Resp: 117739
Ion Ratio Lower Upper
152 100
115 56.8 27.1 81.3
150 158.9 0.0 353.6

