

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060623\
 Data File : VD076336.D
 Acq On : 06 Jun 2023 13:01
 Operator : KP/SY
 Sample : 03032-04
 Misc : 4.21G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-21-0A

Quant Time: Jun 07 06:10:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060523S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 06 02:52:23 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	157800	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	294054	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	263408	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	102956	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	100552	71.118	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	142.240%
35) Dibromofluoromethane	7.805	113	135208	72.418	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	144.840%
50) Toluene-d8	10.269	98	403828	54.324	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	108.640%
62) 4-Bromofluorobenzene	12.575	95	108371	55.088	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	110.180%

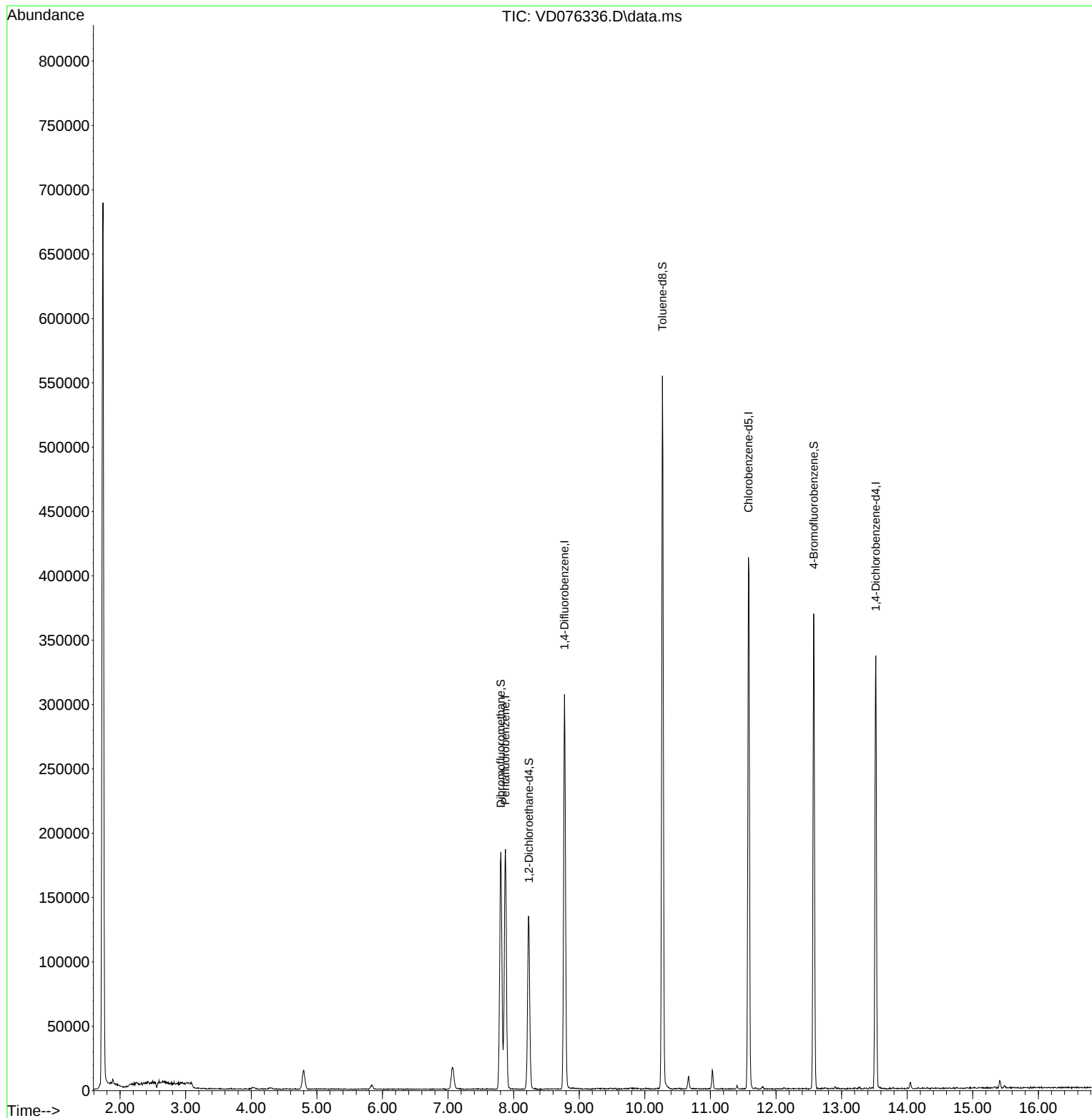
Target Compounds	Qvalue

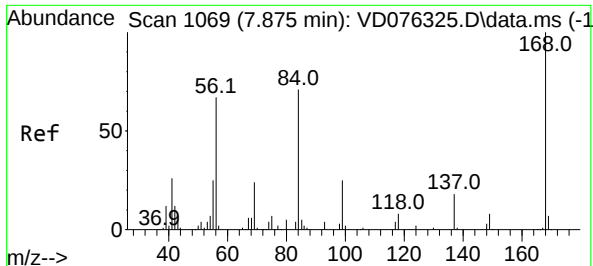
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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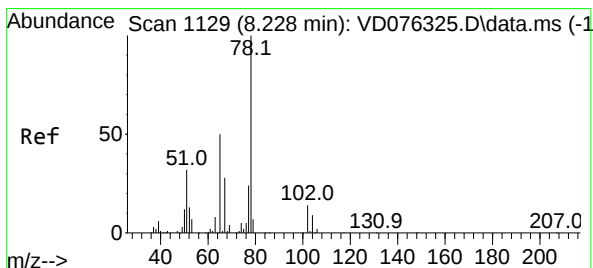
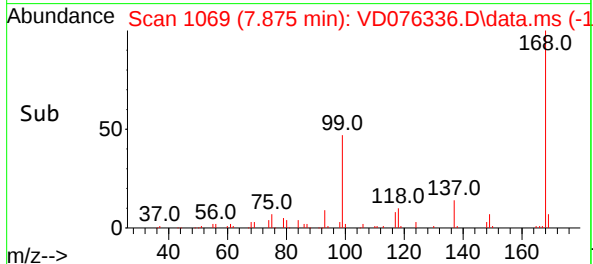
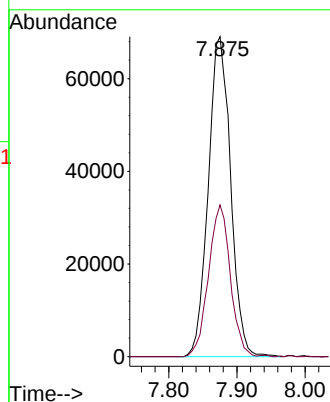
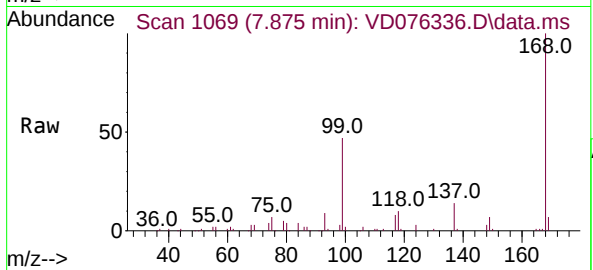




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 110
Delta R.T. 0.000 min
Lab File: VD076336.D
Acq: 06 Jun 2023 13:01

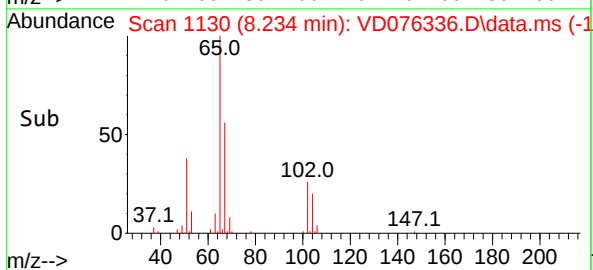
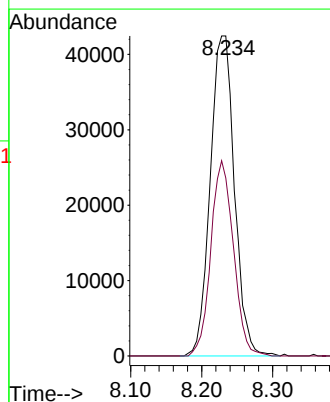
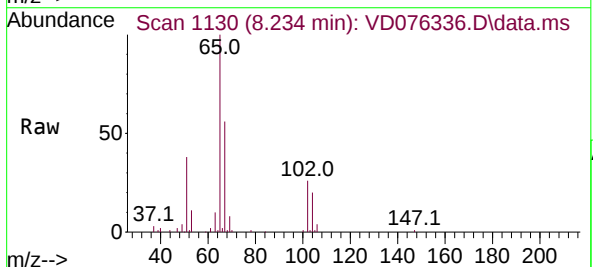
Instrument :
MSVOA_D
ClientSampleId :
TP-21-0A

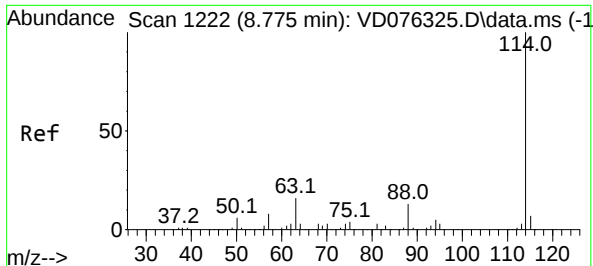
Tgt Ion:168 Resp: 157800
Ion Ratio Lower Upper
168 100
99 47.4 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 71.118 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD076336.D
Acq: 06 Jun 2023 13:01

Tgt Ion: 65 Resp: 100552
Ion Ratio Lower Upper
65 100
67 56.9 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD076336.D

Acq: 06 Jun 2023 13:01

Instrument :

MSVOA_D

ClientSampleId :

TP-21-0A

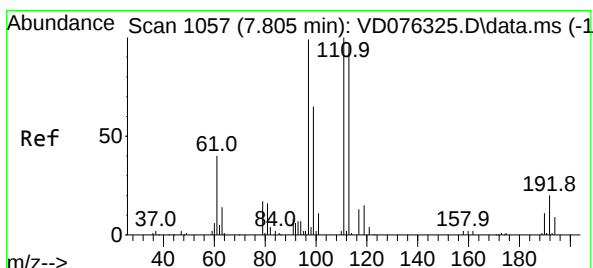
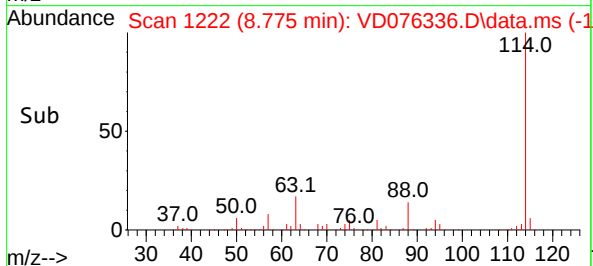
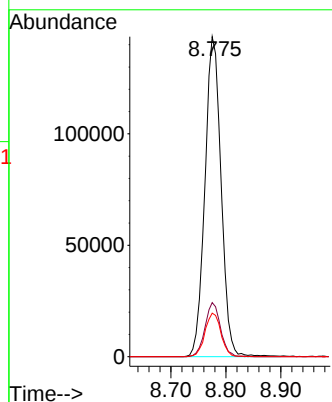
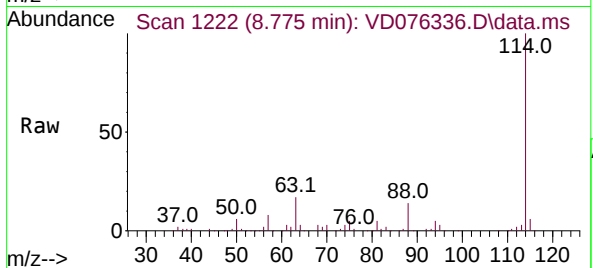
Tgt Ion:114 Resp: 294054

Ion Ratio Lower Upper

114 100

63 16.9 0.0 33.4

88 13.6 0.0 26.2



#35

Dibromofluoromethane

Concen: 72.418 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD076336.D

Acq: 06 Jun 2023 13:01

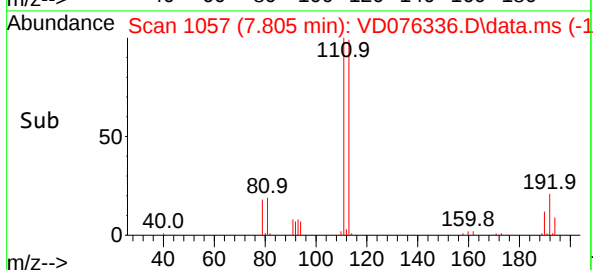
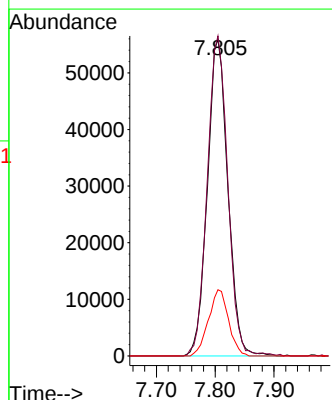
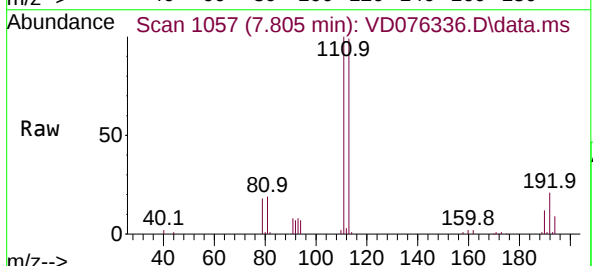
Tgt Ion:113 Resp: 135208

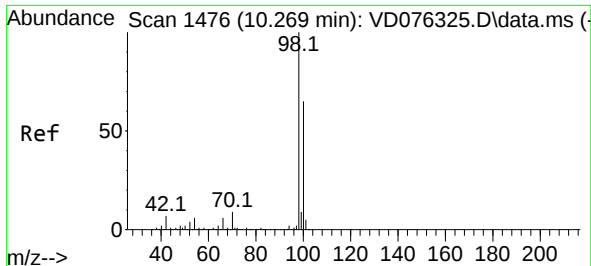
Ion Ratio Lower Upper

113 100

111 101.4 84.7 127.1

192 20.5 16.8 25.2

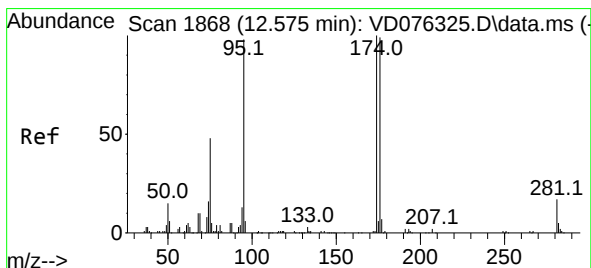
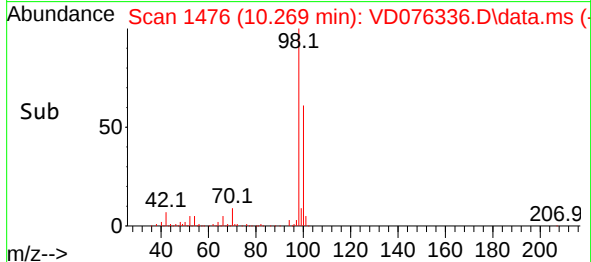
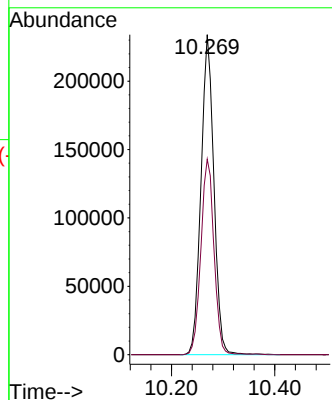
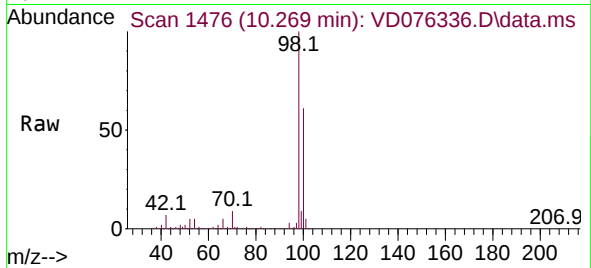




#50
Toluene-d8
Concen: 54.324 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076336.D
Acq: 06 Jun 2023 13:01

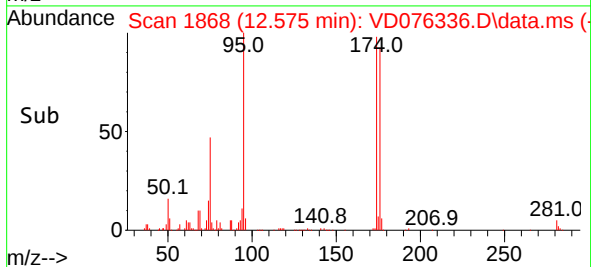
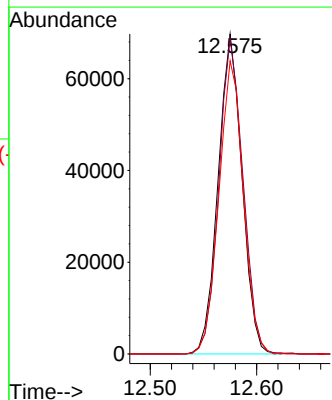
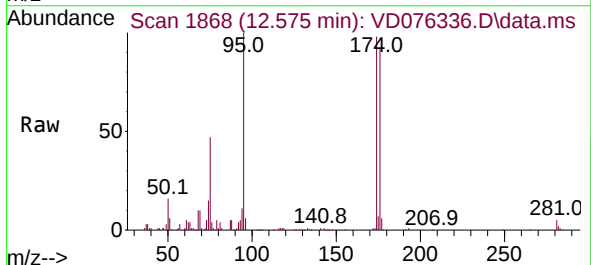
Instrument :
MSVOA_D
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TP-21-0A

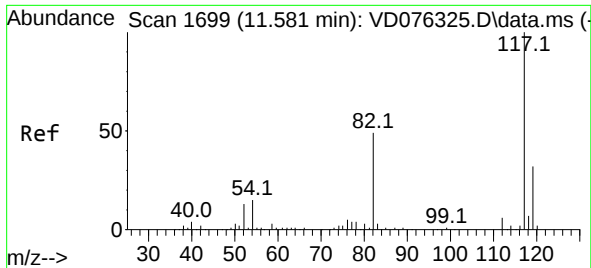
Tgt Ion: 98 Resp: 403828
Ion Ratio Lower Upper
98 100
100 62.2 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 55.088 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD076336.D
Acq: 06 Jun 2023 13:01

Tgt Ion: 95 Resp: 108371
Ion Ratio Lower Upper
95 100
174 99.8 0.0 201.8
176 93.8 0.0 191.8

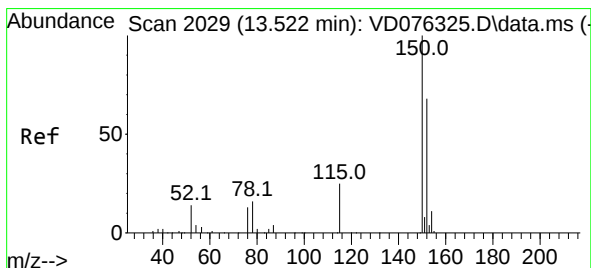
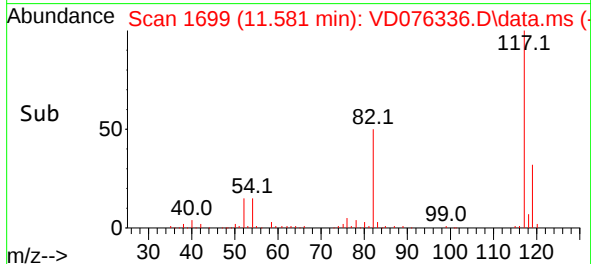
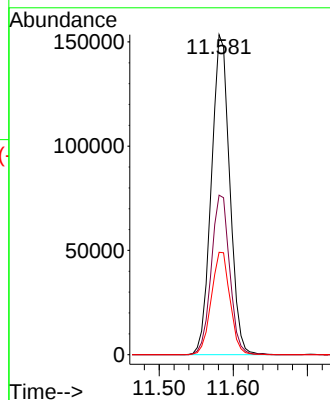
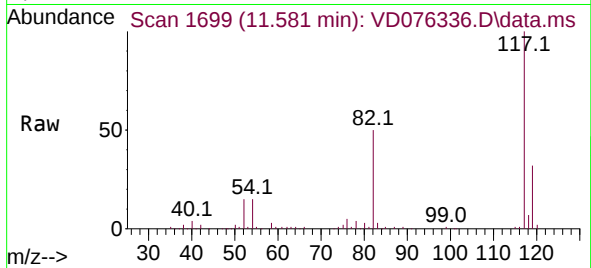




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD076336.D
Acq: 06 Jun 2023 13:01

Instrument :
MSVOA_D
ClientSampleId :
TP-21-0A

Tgt Ion:117 Resp: 263408
Ion Ratio Lower Upper
117 100
82 49.9 38.3 57.5
119 32.0 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.000 min
Lab File: VD076336.D
Acq: 06 Jun 2023 13:01

Tgt Ion:152 Resp: 102956
Ion Ratio Lower Upper
152 100
115 49.7 27.1 81.3
150 155.0 0.0 353.6

