

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080723\
 Data File : VD076927.D
 Acq On : 07 Aug 2023 12:34
 Operator : KP/SY
 Sample : VD0807SBL01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0807SBL01

Quant Time: Aug 08 05:01:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 17 08:07:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	172907	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	334003	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	311663	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	134372	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	86580	50.273	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	100.540%
35) Dibromofluoromethane	7.805	113	107306	51.125	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.240%
50) Toluene-d8	10.269	98	400588	53.351	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	106.700%
62) 4-Bromofluorobenzene	12.575	95	113952	46.913	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	93.820%

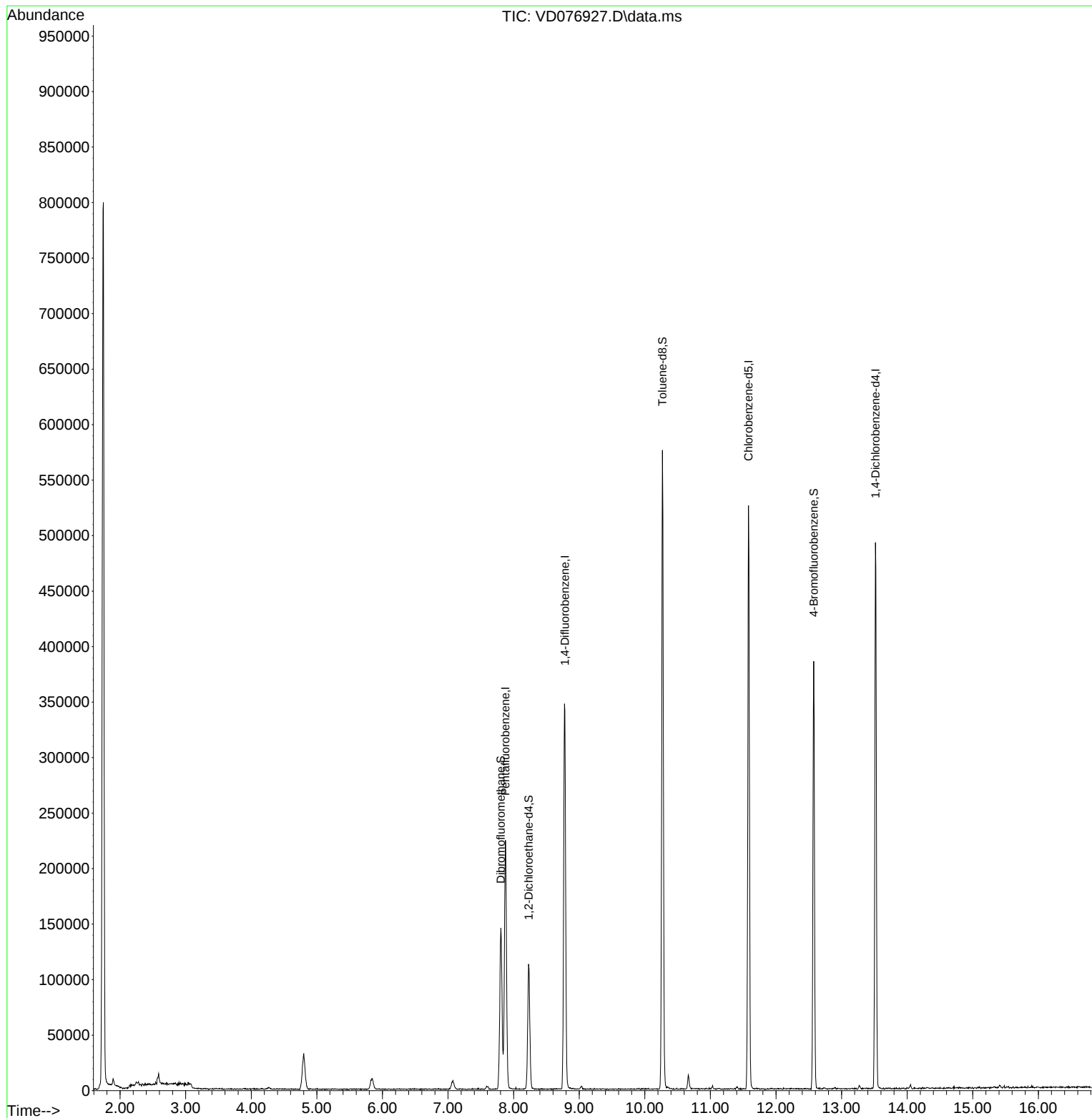
Target Compounds	Qvalue

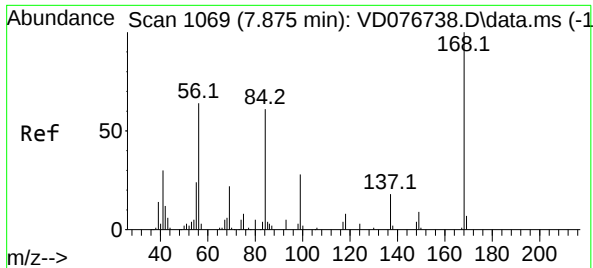
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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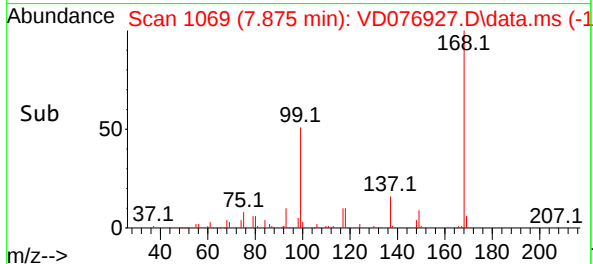
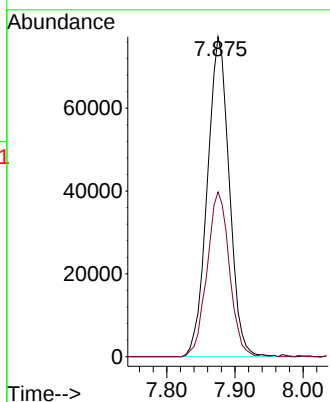
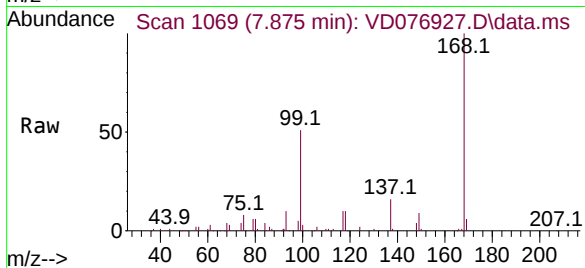




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076927.D
Acq: 07 Aug 2023 12:34

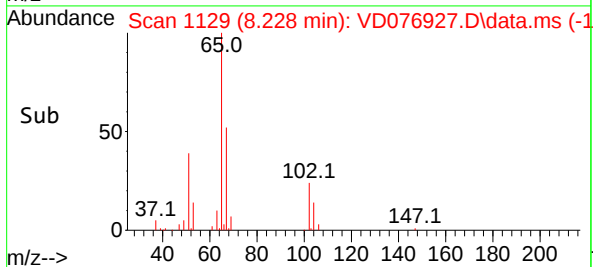
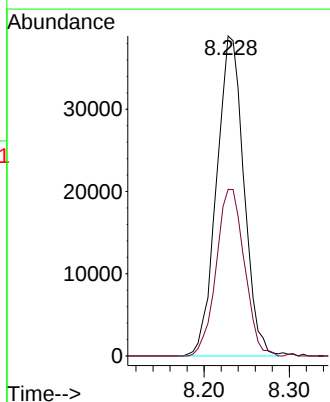
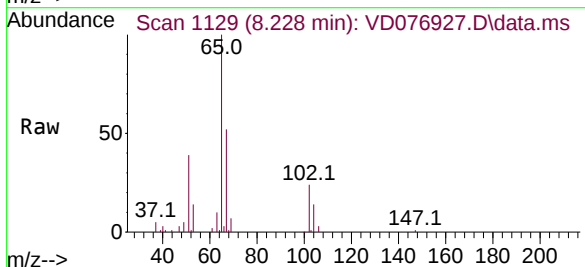
Instrument :
MSVOA_D
ClientSampleId :
VD0807SBL01

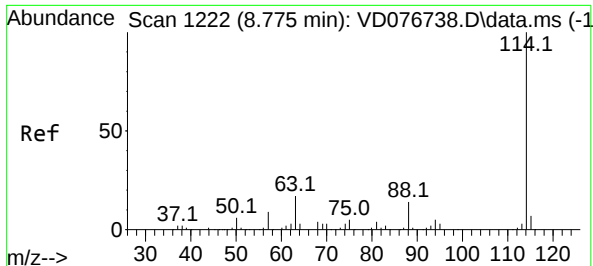
Tgt Ion:168 Resp: 172907
Ion Ratio Lower Upper
168 100
99 51.5 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 50.273 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD076927.D
Acq: 07 Aug 2023 12:34

Tgt Ion: 65 Resp: 86580
Ion Ratio Lower Upper
65 100
67 53.9 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD076927.D

Acq: 07 Aug 2023 12:34

Instrument :

MSVOA_D

ClientSampleId :

VD0807SBL01

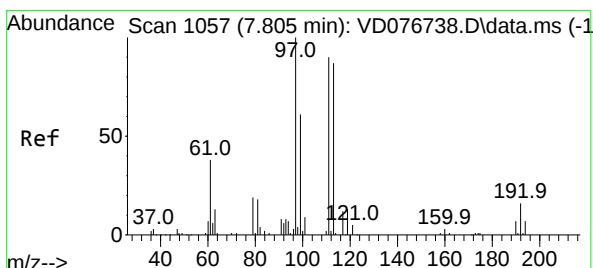
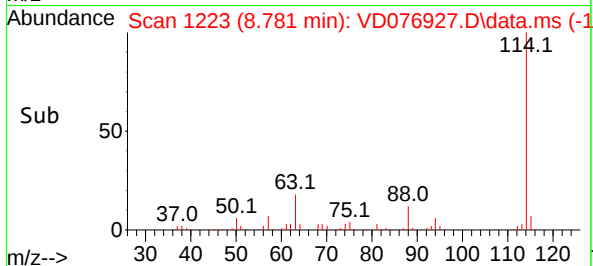
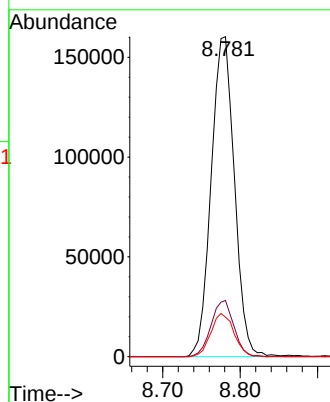
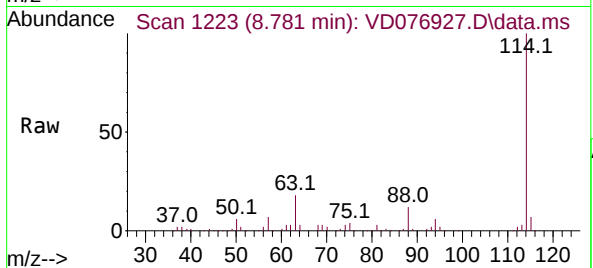
Tgt Ion:114 Resp: 334003

Ion Ratio Lower Upper

114 100

63 17.5 0.0 33.4

88 12.3 0.0 26.2



#35

Dibromofluoromethane

Concen: 51.125 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD076927.D

Acq: 07 Aug 2023 12:34

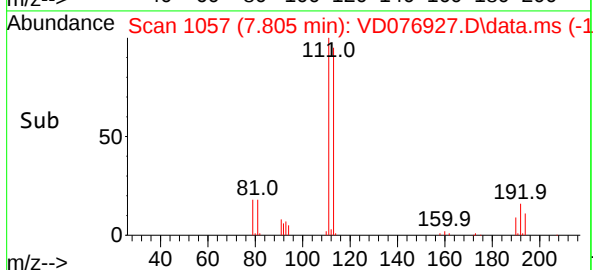
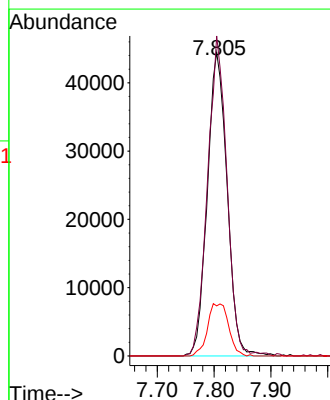
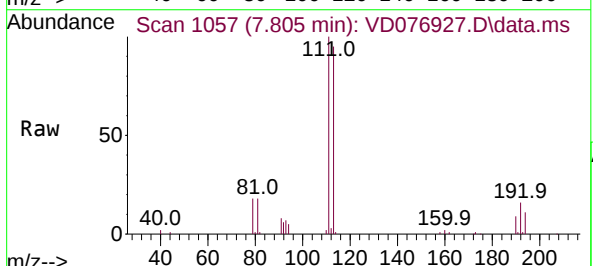
Tgt Ion:113 Resp: 107306

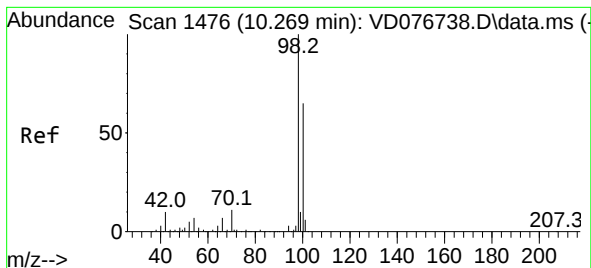
Ion Ratio Lower Upper

113 100

111 102.4 84.7 127.1

192 18.3 16.8 25.2

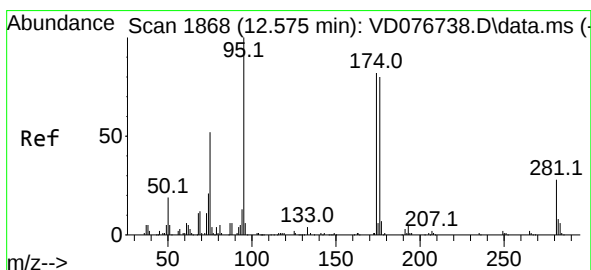
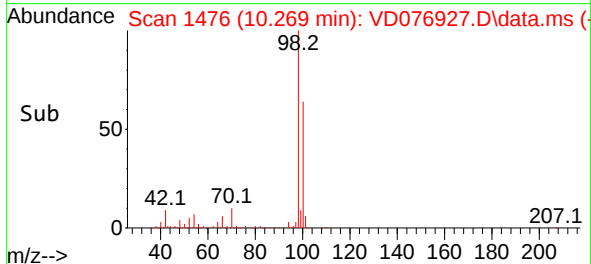
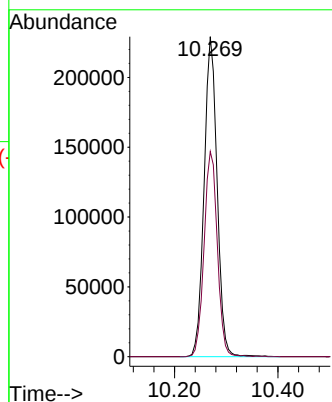
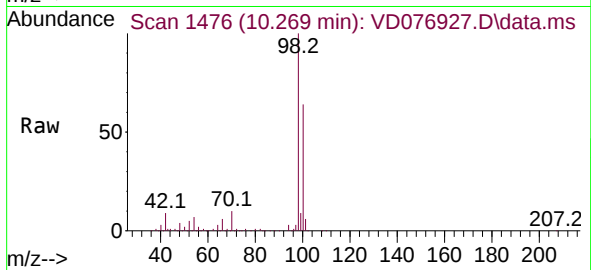




#50
Toluene-d8
Concen: 53.351 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076927.D
Acq: 07 Aug 2023 12:34

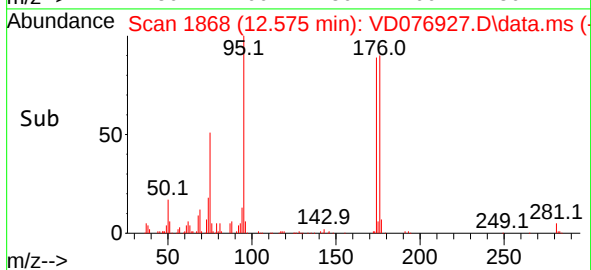
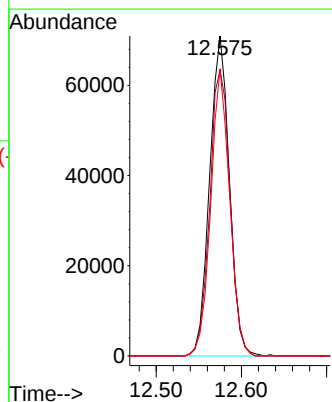
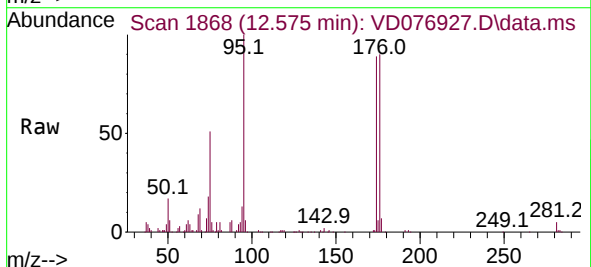
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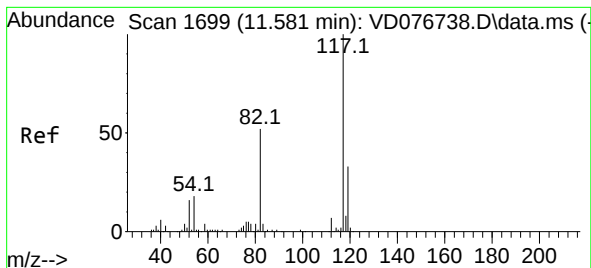
Tgt Ion: 98 Resp: 400588
Ion Ratio Lower Upper
98 100
100 65.3 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 46.913 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076927.D
Acq: 07 Aug 2023 12:34

Tgt Ion: 95 Resp: 113952
Ion Ratio Lower Upper
95 100
174 92.4 0.0 201.8
176 85.9 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: VD076927.D

Acq: 07 Aug 2023 12:34

Instrument :

MSVOA_D

ClientSampleId :

VD0807SBL01

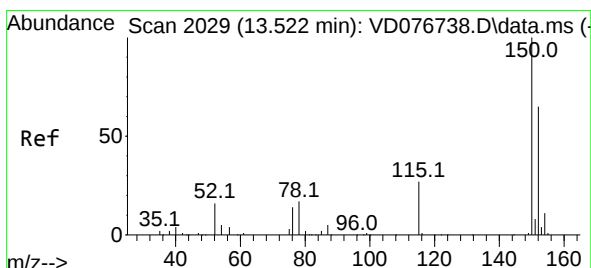
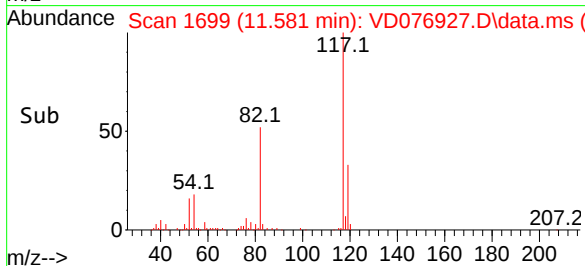
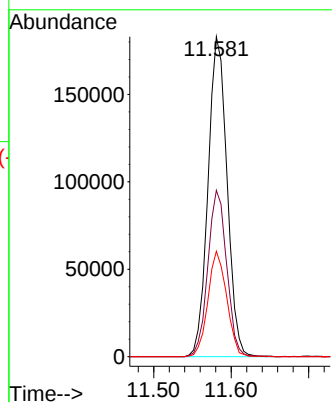
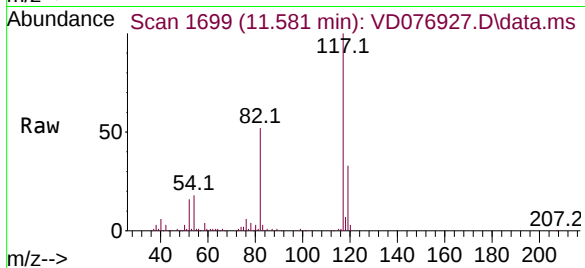
Tgt Ion:117 Resp: 311663

Ion Ratio Lower Upper

117 100

82 52.0 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. -0.006 min

Lab File: VD076927.D

Acq: 07 Aug 2023 12:34

Tgt Ion:152 Resp: 134372

Ion Ratio Lower Upper

152 100

115 57.9 27.1 81.3

150 158.4 0.0 353.6

