

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072723\
 Data File : VD076832.D
 Acq On : 27 Jul 2023 14:16
 Operator : KP/SY
 Sample : 03769-10RE
 Misc : 5.04G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-P40BRE

Quant Time: Jul 27 14:49:01 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	7.869	168	44393	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	91425	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	91155	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	41835	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	34664	78.396	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	156.800%
35) Dibromofluoromethane	7.810	113	33457	58.235	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	116.460%
50) Toluene-d8	10.269	98	111886	54.438	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	108.880%
62) 4-Bromofluorobenzene	12.575	95	33749	50.759	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	101.520%

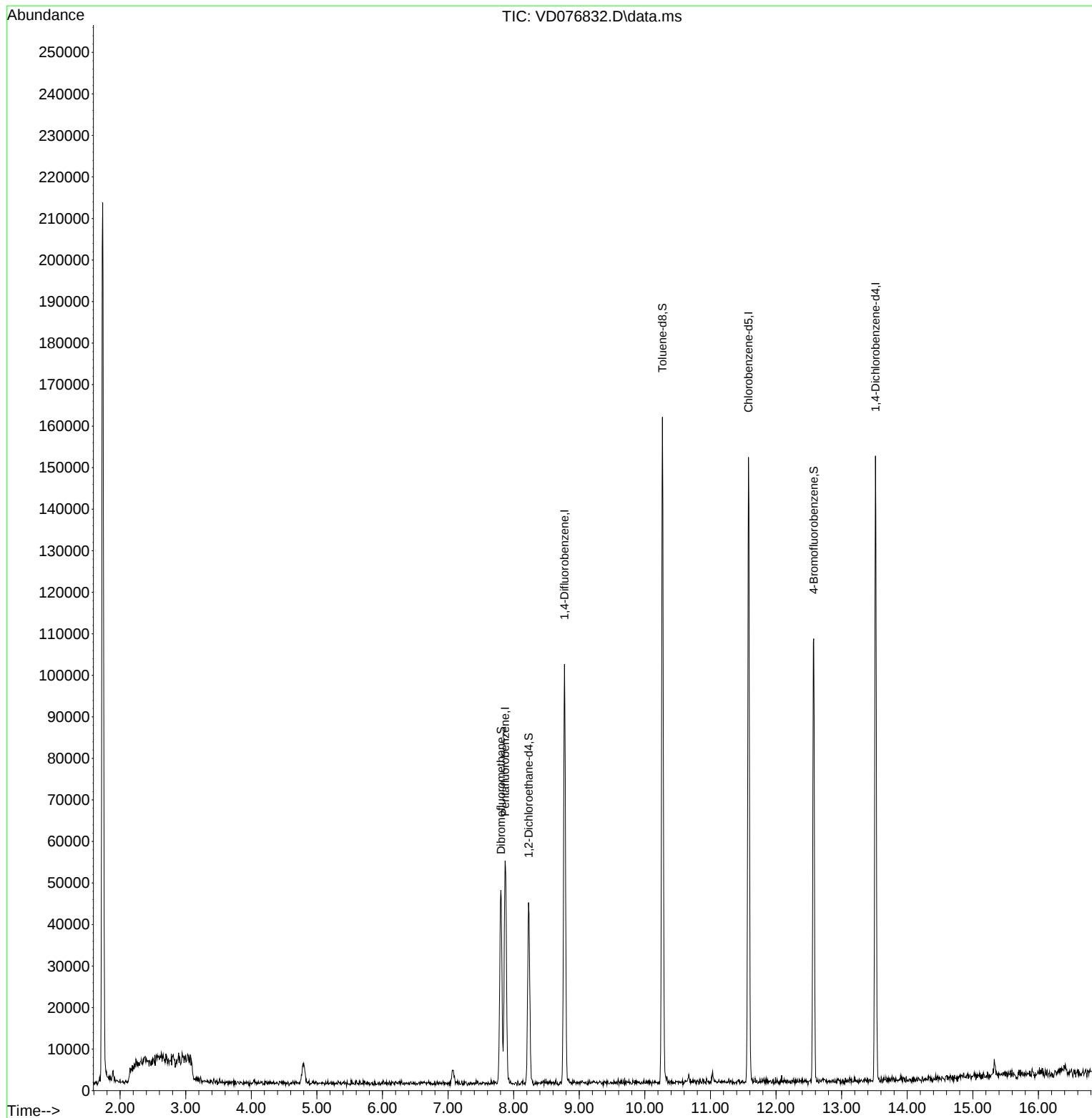
Target Compounds	Qvalue

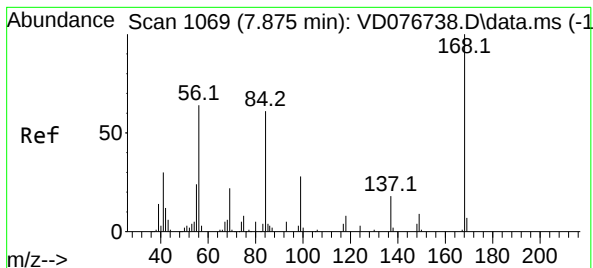
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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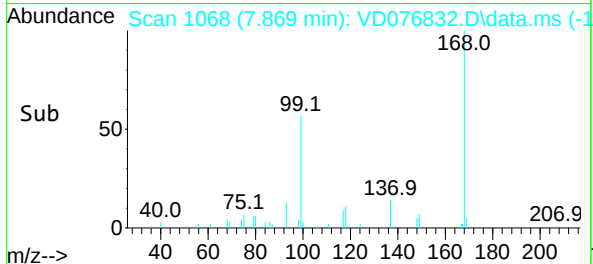
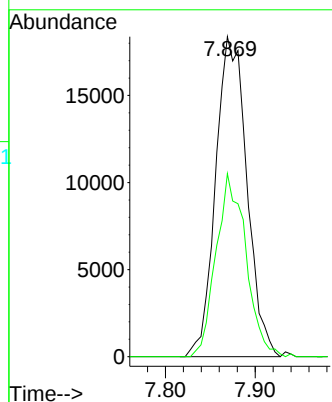
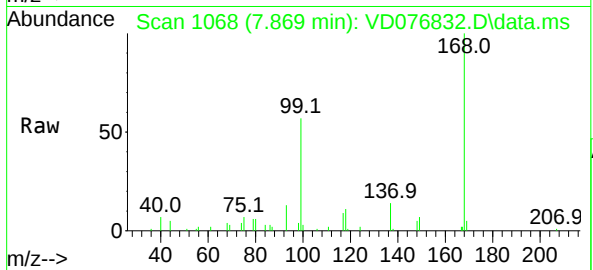




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD076832.D
Acq: 27 Jul 2023 14:16

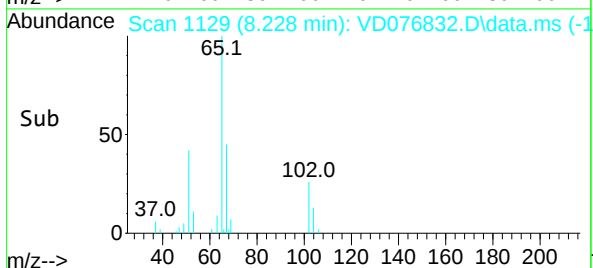
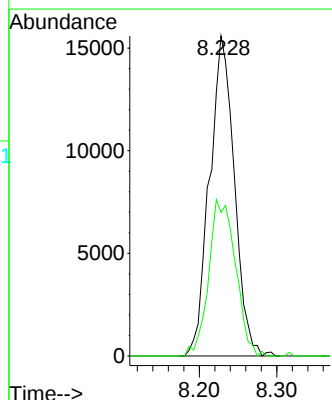
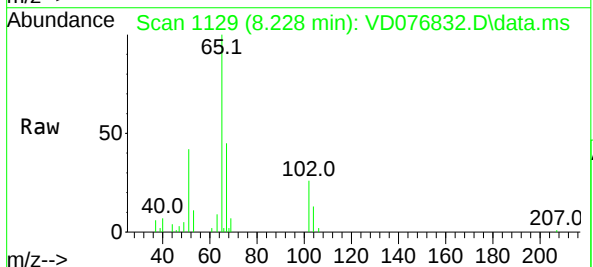
Instrument :
MSVOA_D
ClientSampleId :
B-P40BRE

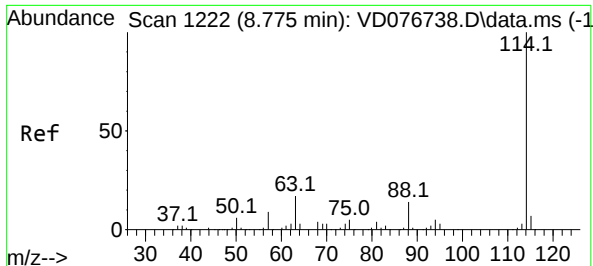
Tgt Ion:168 Resp: 44393
Ion Ratio Lower Upper
168 100
99 57.2 36.7 55.1#



#33
1,2-Dichloroethane-d4
Concen: 78.396 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD076832.D
Acq: 27 Jul 2023 14:16

Tgt Ion: 65 Resp: 34664
Ion Ratio Lower Upper
65 100
67 52.7 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD076832.D

Acq: 27 Jul 2023 14:16

Instrument :

MSVOA_D

ClientSampleId :

B-P40BRE

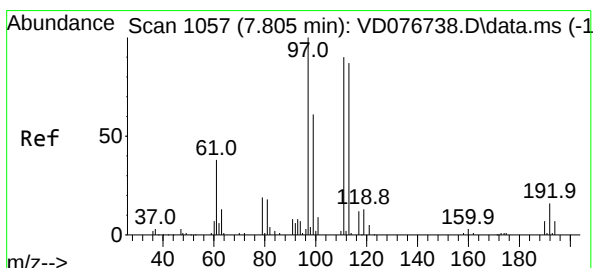
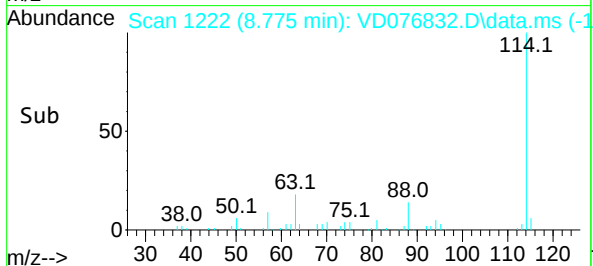
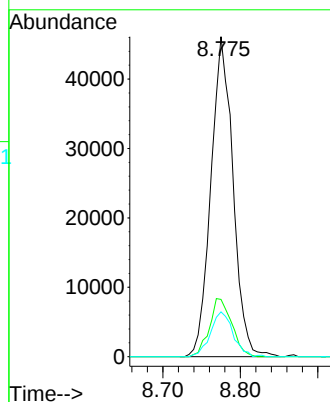
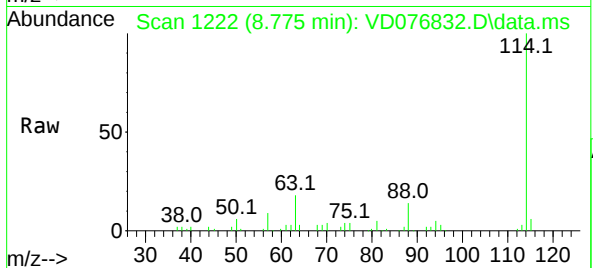
Tgt Ion:114 Resp: 91425

Ion Ratio Lower Upper

114 100

63 17.9 0.0 33.4

88 14.0 0.0 26.2



#35

Dibromofluoromethane

Concen: 58.235 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.005 min

Lab File: VD076832.D

Acq: 27 Jul 2023 14:16

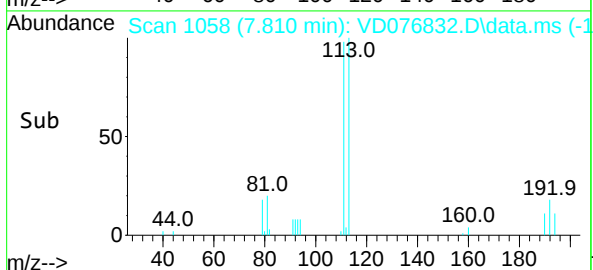
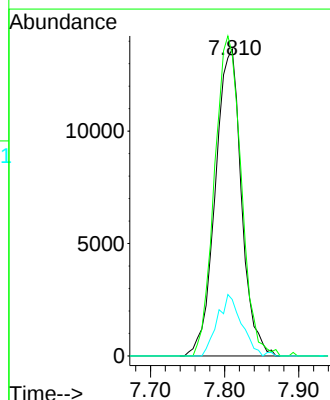
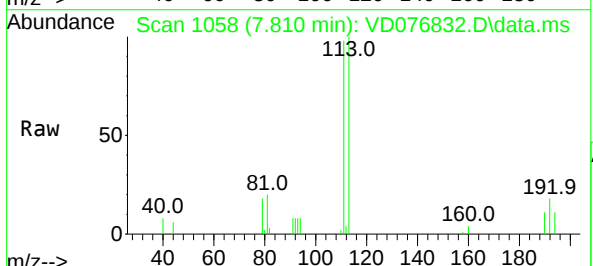
Tgt Ion:113 Resp: 33457

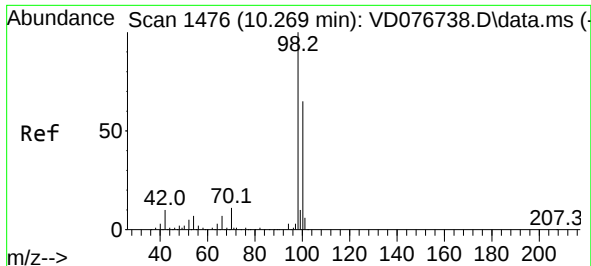
Ion Ratio Lower Upper

113 100

111 106.3 84.7 127.1

192 18.3 16.8 25.2

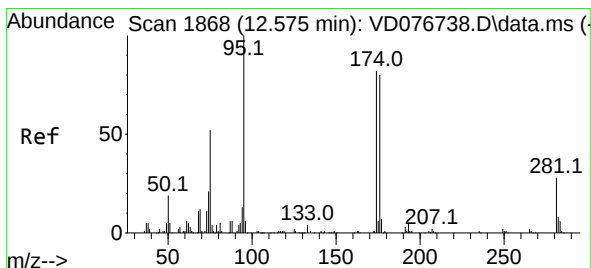
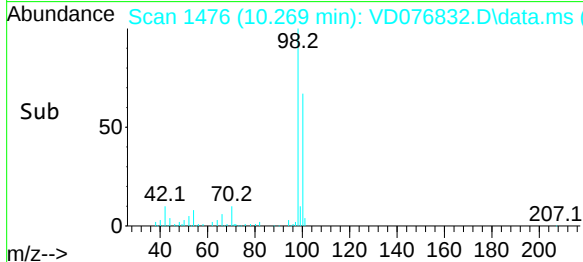
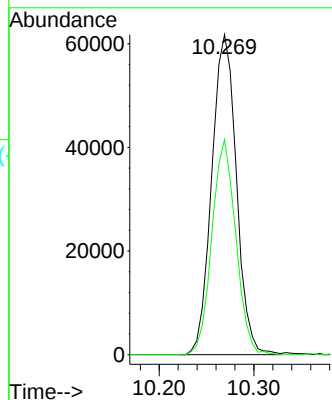
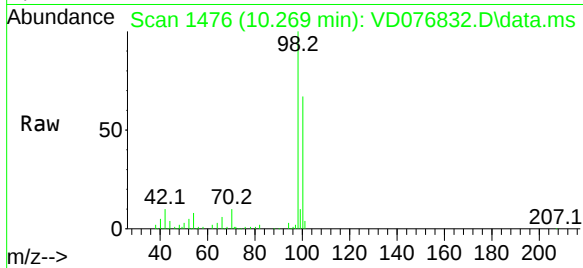




#50
Toluene-d8
Concen: 54.438 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD076832.D
Acq: 27 Jul 2023 14:16

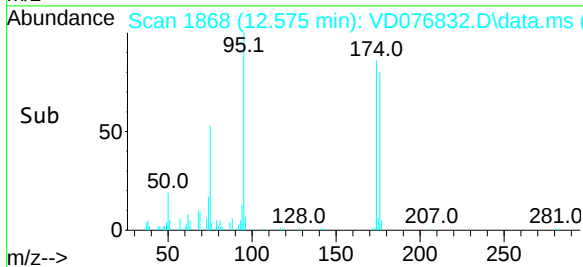
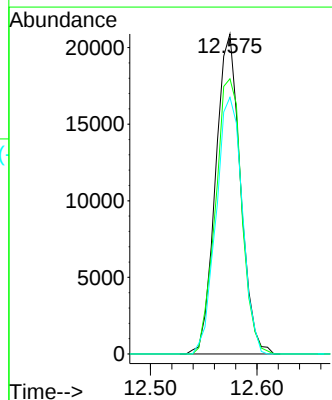
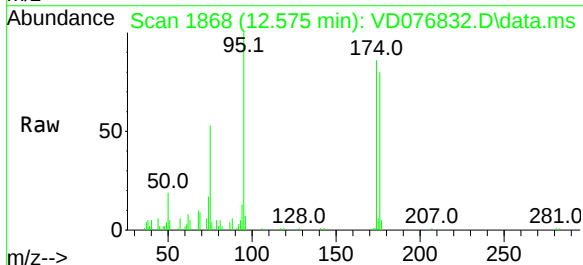
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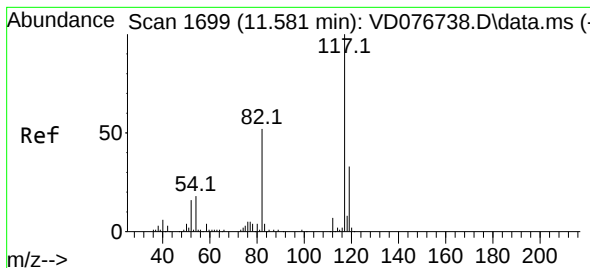
Tgt Ion: 98 Resp: 111886
Ion Ratio Lower Upper
98 100
100 65.1 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 50.759 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076832.D
Acq: 27 Jul 2023 14:16

Tgt Ion: 95 Resp: 33749
Ion Ratio Lower Upper
95 100
174 90.8 0.0 201.8
176 84.4 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: VD076832.D

Acq: 27 Jul 2023 14:16

Instrument :

MSVOA_D

ClientSampleId :

B-P40BRE

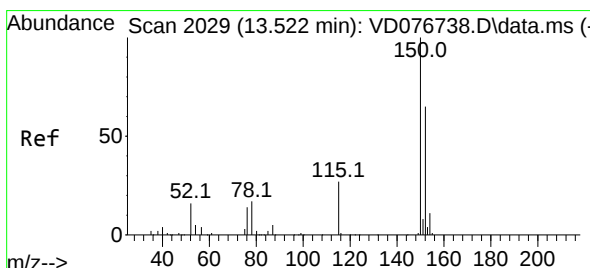
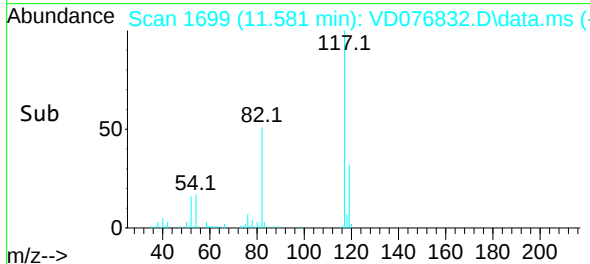
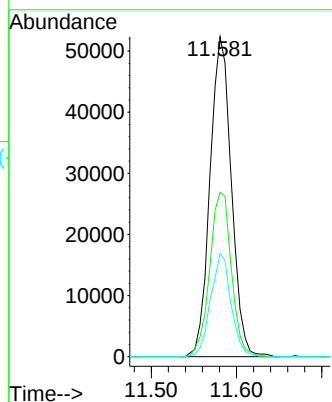
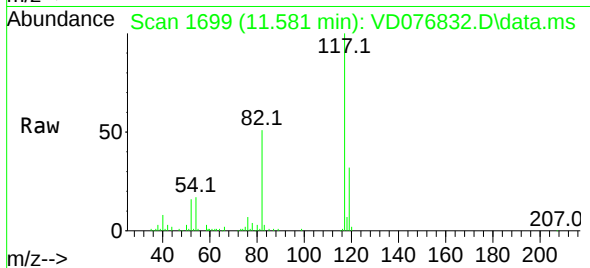
Tgt Ion:117 Resp: 91155

Ion Ratio Lower Upper

117 100

82 51.4 38.3 57.5

119 32.2 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: VD076832.D

Acq: 27 Jul 2023 14:16

Tgt Ion:152 Resp: 41835

Ion Ratio Lower Upper

152 100

115 55.8 27.1 81.3

150 155.4 0.0 353.6

