

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031524\
 Data File : VD078682.D
 Acq On : 15 Mar 2024 12:34
 Operator : RP/MD
 Sample : P1746-13
 Misc : 5.06G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-04-4.0-6.0

Quant Time: Mar 16 05:25:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 15 05:38:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	60392	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	112453	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	91413	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	24070	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	38017	67.171	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	134.340%
35) Dibromofluoromethane	7.804	113	40851	56.422	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.840%
50) Toluene-d8	10.269	98	107050	40.203	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	80.400%
62) 4-Bromofluorobenzene	12.575	95	20632	26.485	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	52.980%

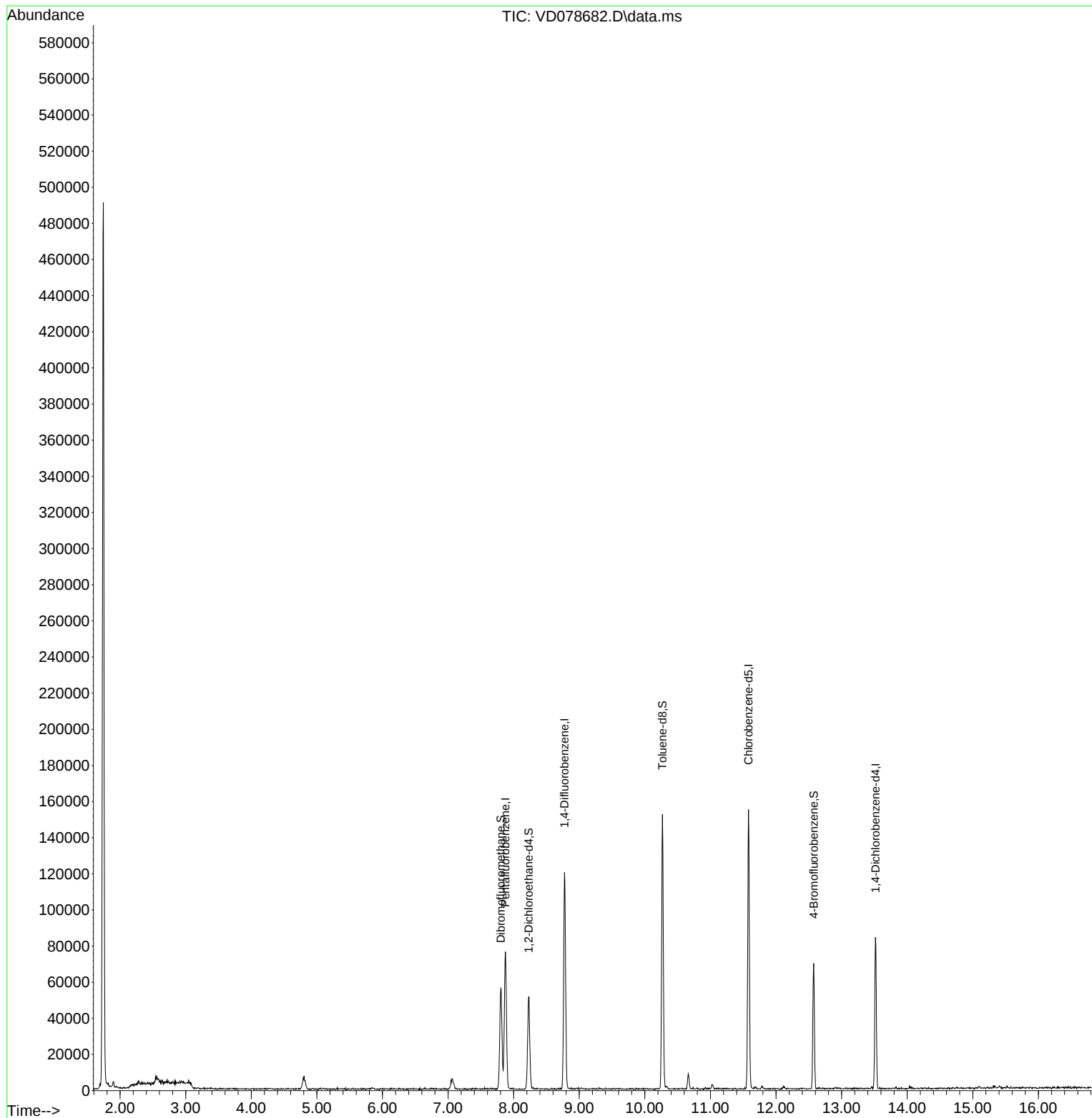
Target Compounds	Qvalue

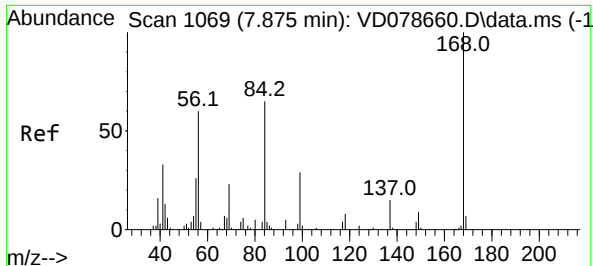
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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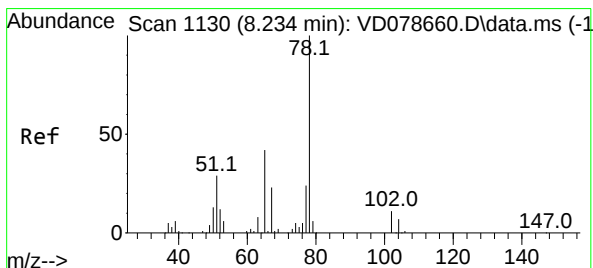
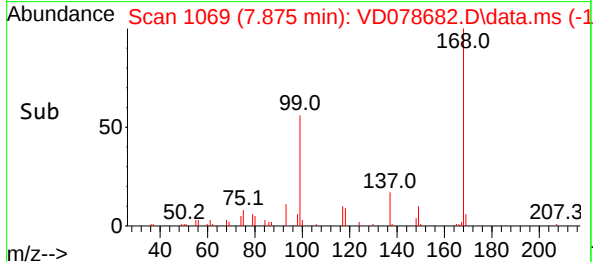
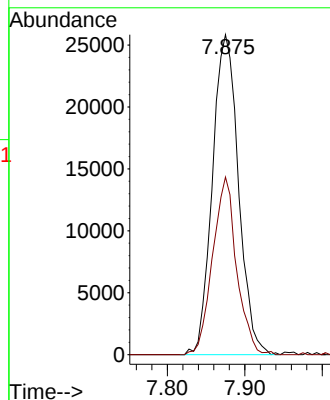
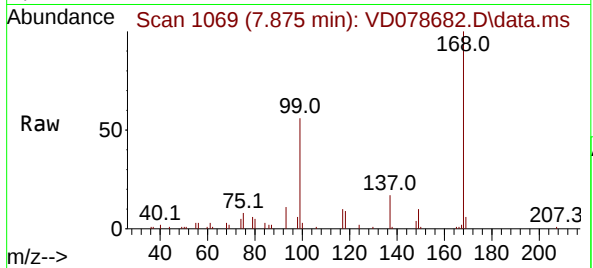




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD078682.D
Acq: 15 Mar 2024 12:34

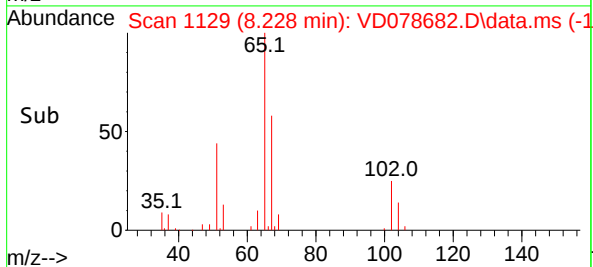
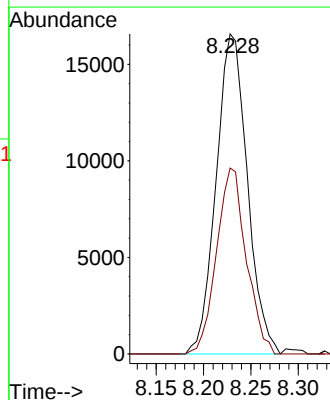
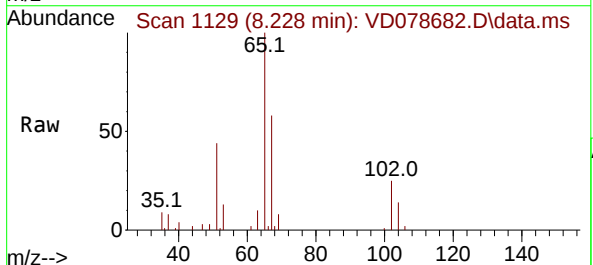
Instrument :
MSVOA_D
ClientSampleId :
SB-04-4.0-6.0

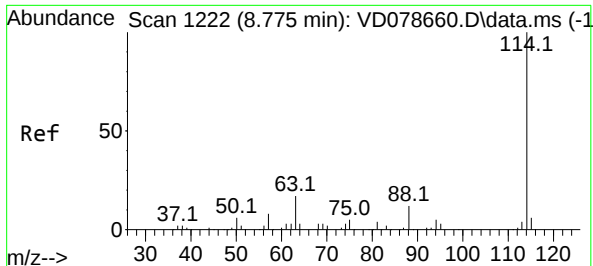
Tgt Ion:168 Resp: 60392
Ion Ratio Lower Upper
168 100
99 55.5 38.8 58.2



#33
1,2-Dichloroethane-d4
Concen: 67.171 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD078682.D
Acq: 15 Mar 2024 12:34

Tgt Ion: 65 Resp: 38017
Ion Ratio Lower Upper
65 100
67 55.3 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD078682.D

Acq: 15 Mar 2024 12:34

Instrument :

MSVOA_D

ClientSampleId :

SB-04-4.0-6.0

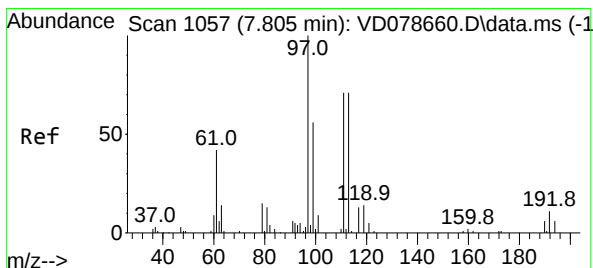
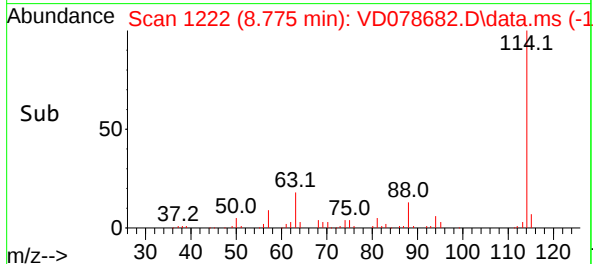
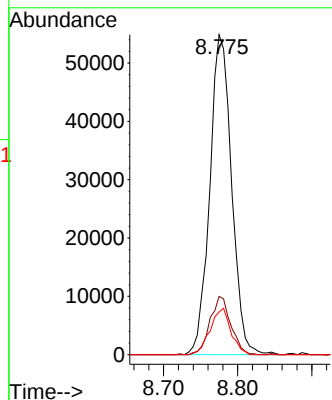
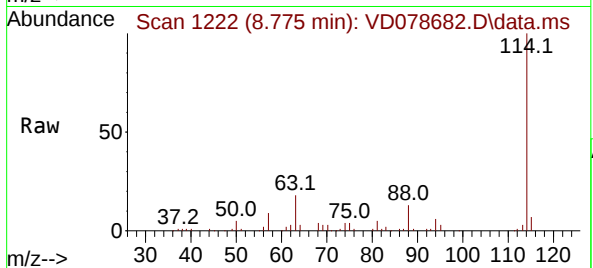
Tgt Ion:114 Resp: 112453

Ion Ratio Lower Upper

114 100

63 18.2 0.0 33.4

88 13.3 0.0 24.6



#35

Dibromofluoromethane

Concen: 56.422 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD078682.D

Acq: 15 Mar 2024 12:34

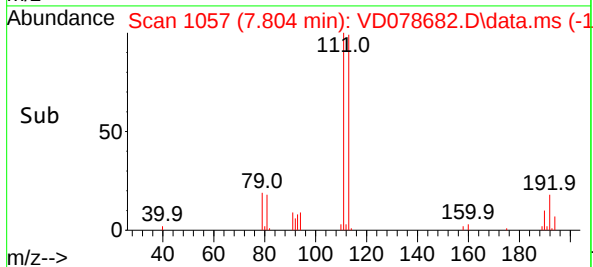
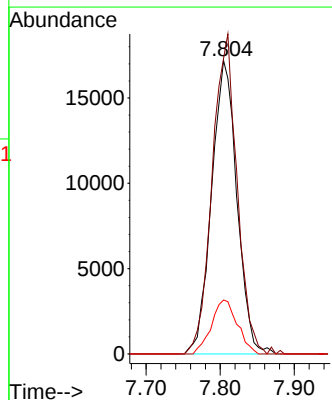
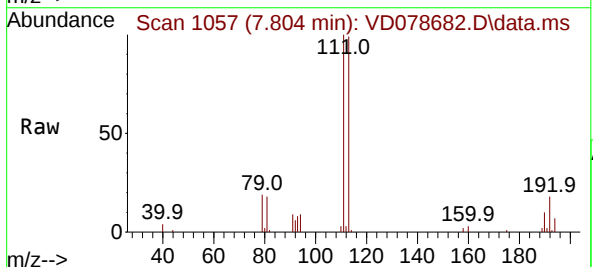
Tgt Ion:113 Resp: 40851

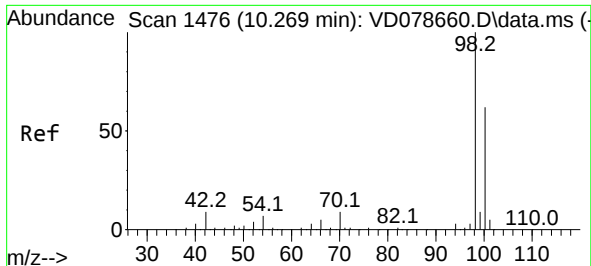
Ion Ratio Lower Upper

113 100

111 106.6 81.9 122.9

192 18.8 15.4 23.0

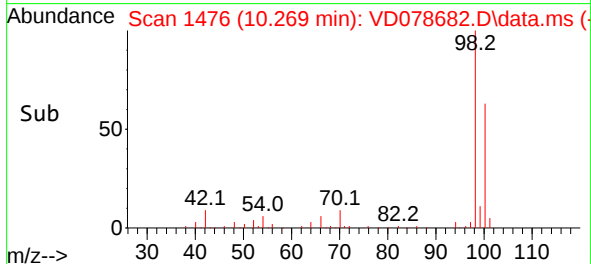
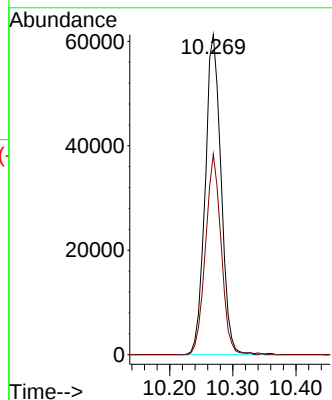
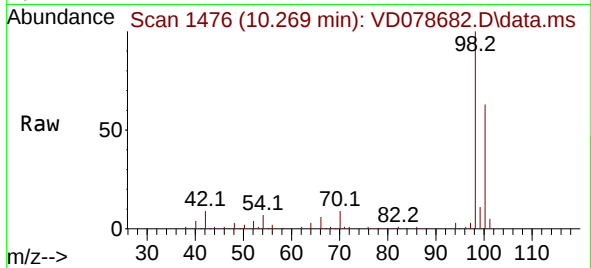




#50
Toluene-d8
Concen: 40.203 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD078682.D
Acq: 15 Mar 2024 12:34

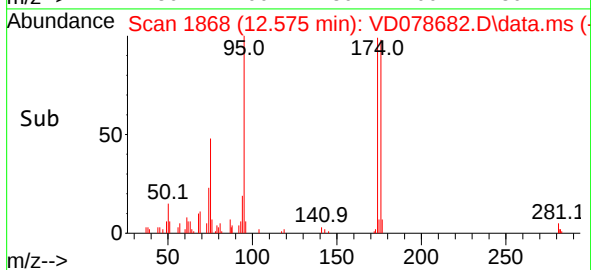
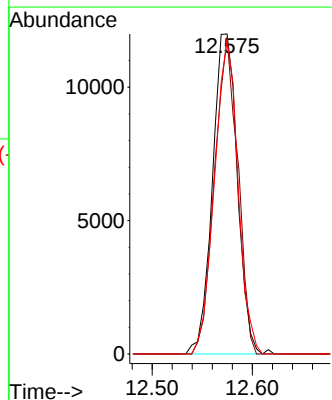
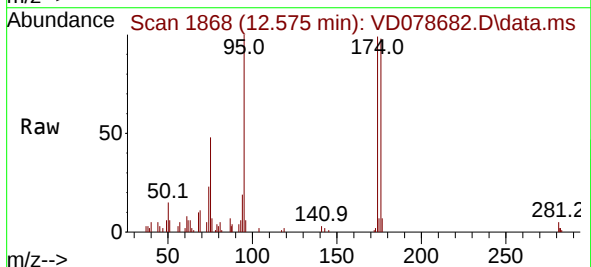
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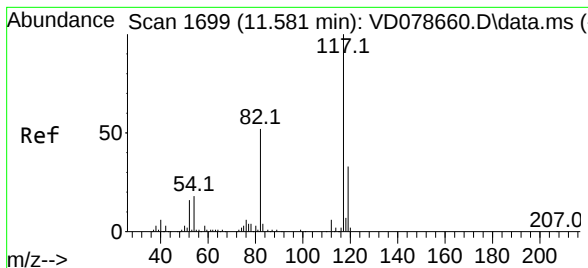
Tgt Ion: 98 Resp: 107050
Ion Ratio Lower Upper
98 100
100 61.5 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 26.485 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD078682.D
Acq: 15 Mar 2024 12:34

Tgt Ion: 95 Resp: 20632
Ion Ratio Lower Upper
95 100
174 92.5 0.0 195.2
176 93.0 0.0 188.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD078682.D

Acq: 15 Mar 2024 12:34

Instrument :

MSVOA_D

ClientSampleId :

SB-04-4.0-6.0

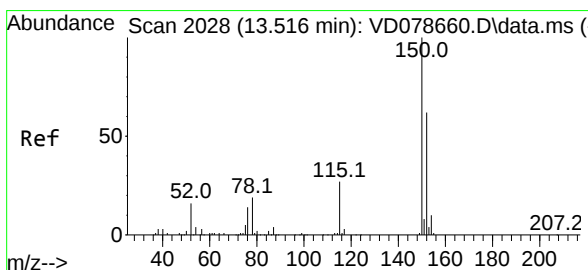
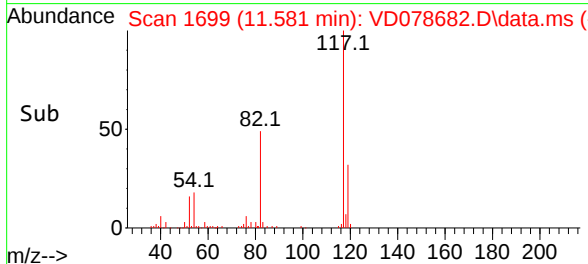
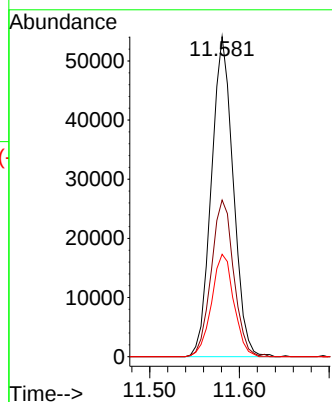
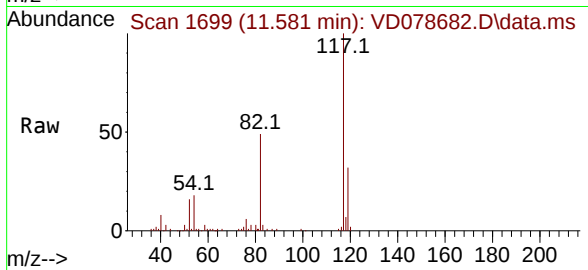
Tgt Ion:117 Resp: 91413

Ion Ratio Lower Upper

117 100

82 49.0 41.4 62.2

119 32.0 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 2028

Delta R.T. -0.000 min

Lab File: VD078682.D

Acq: 15 Mar 2024 12:34

Tgt Ion:152 Resp: 24070

Ion Ratio Lower Upper

152 100

115 53.6 27.1 81.2

150 153.0 0.0 350.2

