

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031524\
 Data File : VD078683.D
 Acq On : 15 Mar 2024 13:02
 Operator : RP/MD
 Sample : VIBLK
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK

Quant Time: Mar 16 05:26:07 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	7.881	168	108784	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	196656	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	183090	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	78047	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	59357	58.223	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.440%
35) Dibromofluoromethane	7.804	113	67324	53.172	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.340%
50) Toluene-d8	10.269	98	247245	53.096	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	106.200%
62) 4-Bromofluorobenzene	12.575	95	60969	44.754	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	89.500%

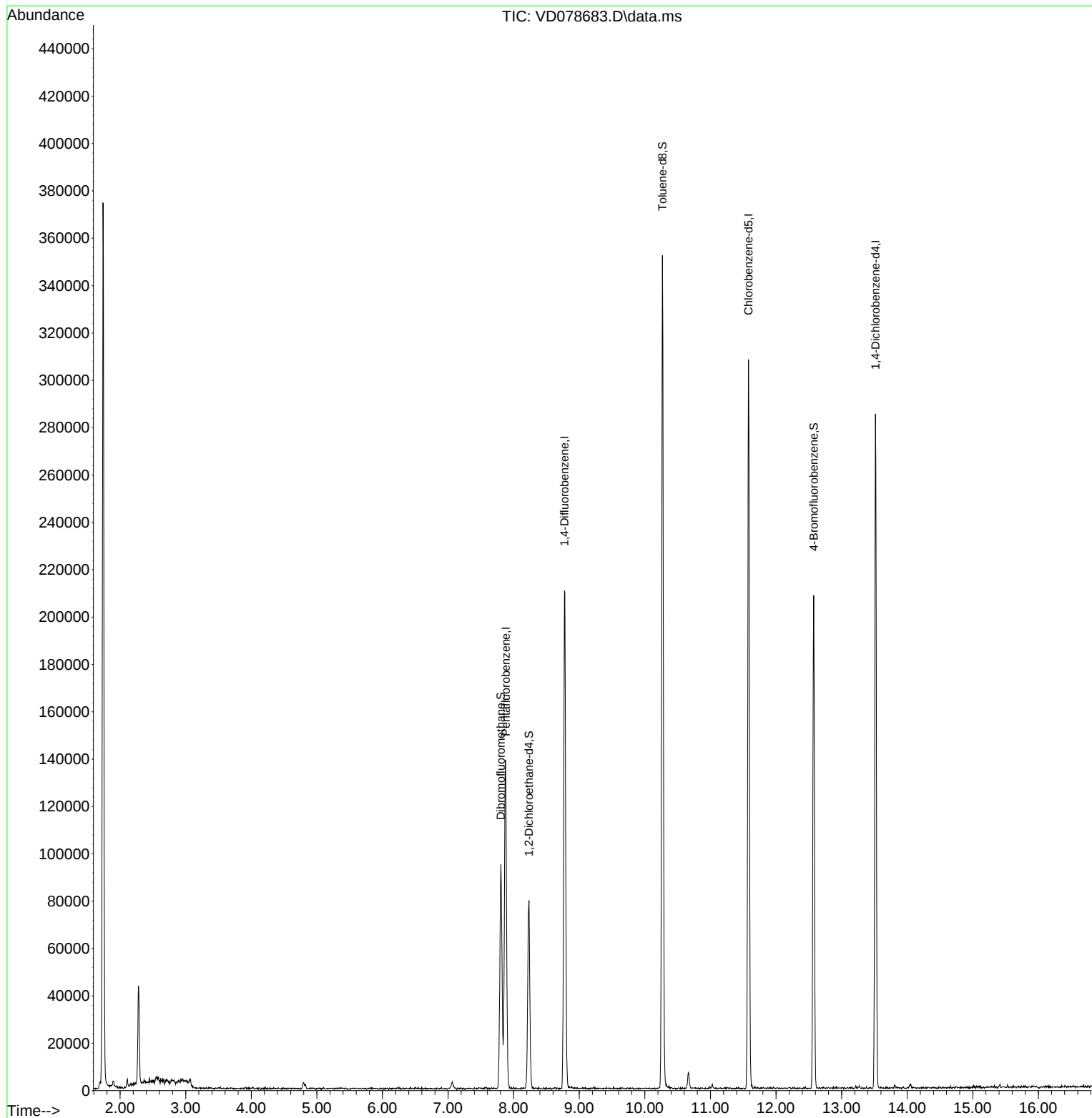
Target Compounds	Qvalue

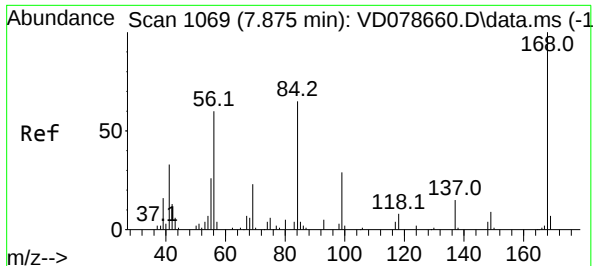
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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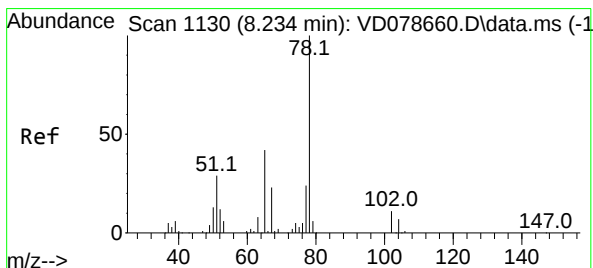
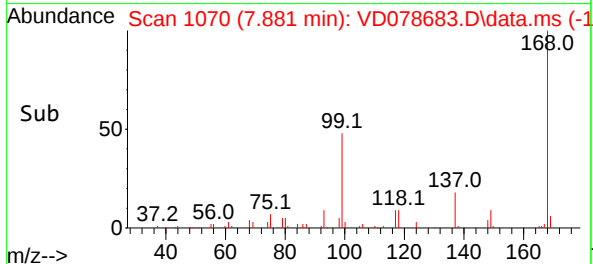
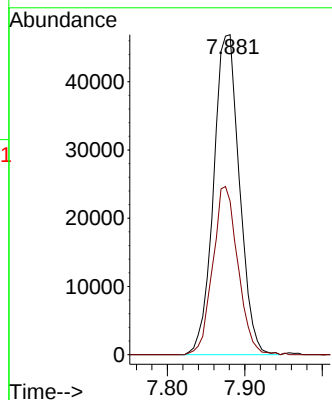
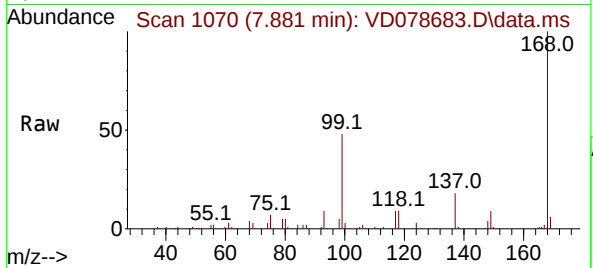




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1107
Delta R.T. 0.006 min
Lab File: VD078683.D
Acq: 15 Mar 2024 13:02

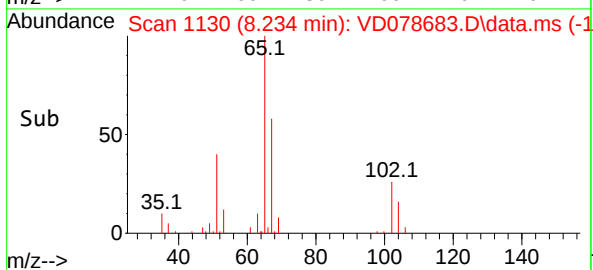
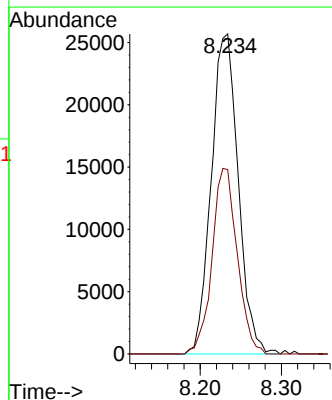
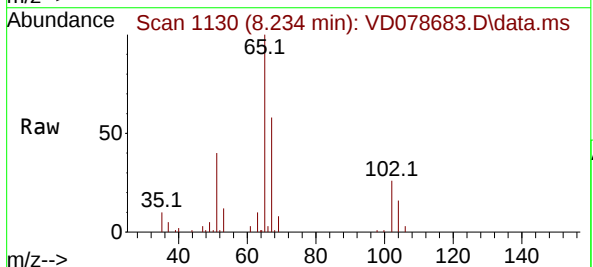
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

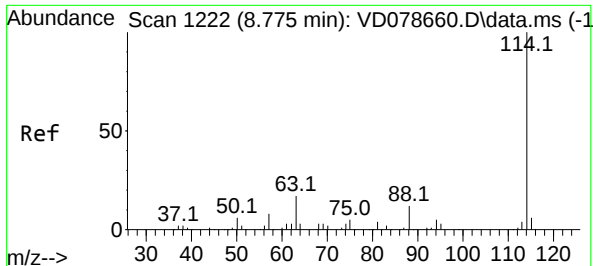
Tgt Ion:168 Resp: 108784
Ion Ratio Lower Upper
168 100
99 48.0 38.8 58.2



#33
1,2-Dichloroethane-d4
Concen: 58.223 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD078683.D
Acq: 15 Mar 2024 13:02

Tgt Ion: 65 Resp: 59357
Ion Ratio Lower Upper
65 100
67 54.2 0.0 110.2

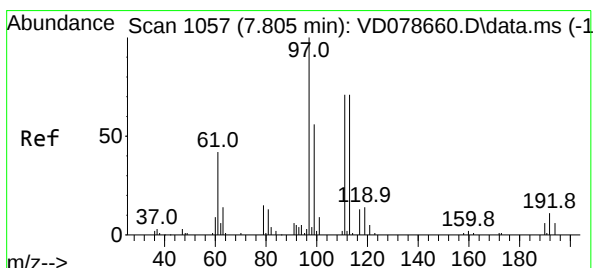
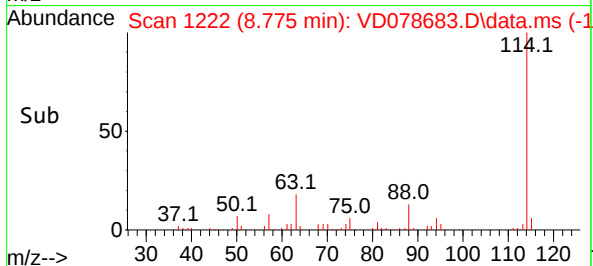
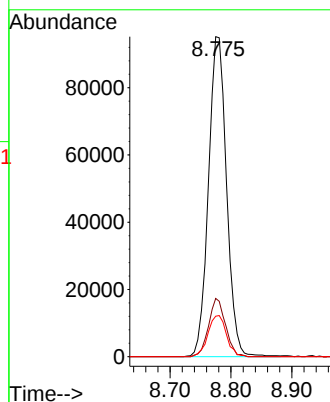
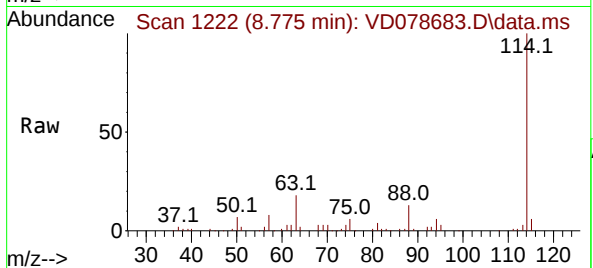




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078683.D
Acq: 15 Mar 2024 13:02

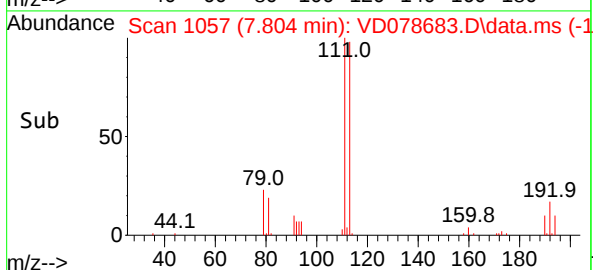
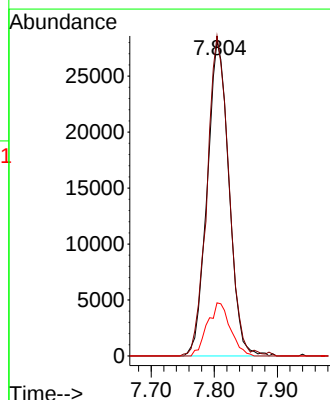
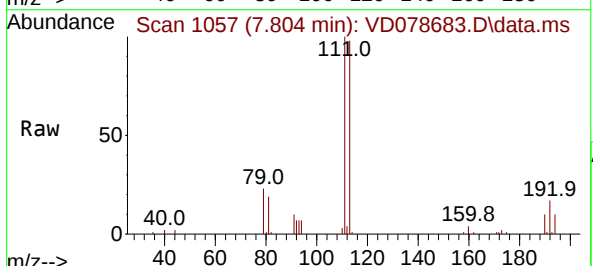
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

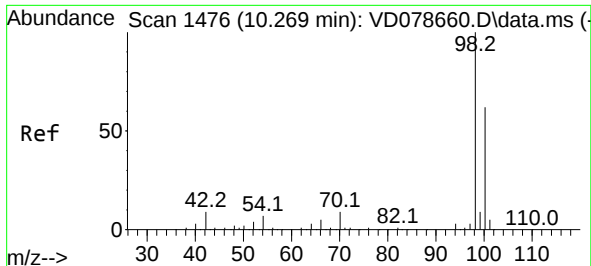
Tgt Ion:114 Resp: 196656
Ion Ratio Lower Upper
114 100
63 18.2 0.0 33.4
88 12.6 0.0 24.6



#35
Dibromofluoromethane
Concen: 53.172 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD078683.D
Acq: 15 Mar 2024 13:02

Tgt Ion:113 Resp: 67324
Ion Ratio Lower Upper
113 100
111 101.7 81.9 122.9
192 17.7 15.4 23.0

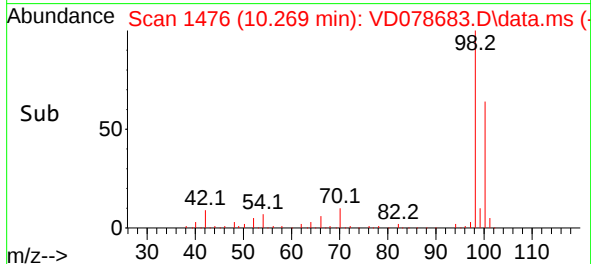
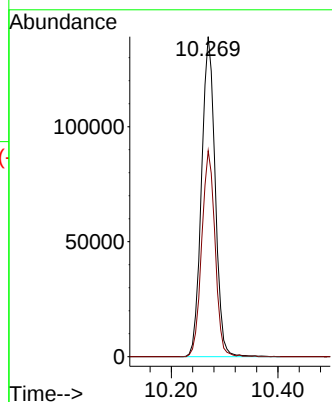
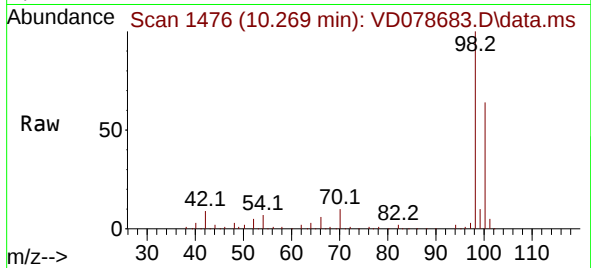




#50
Toluene-d8
Concen: 53.096 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD078683.D
Acq: 15 Mar 2024 13:02

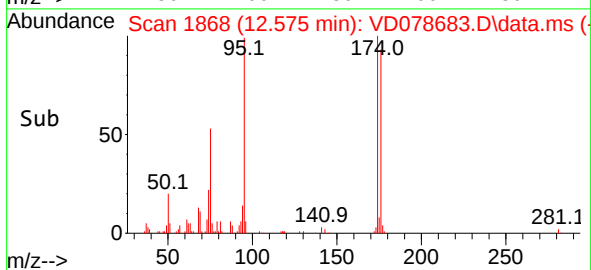
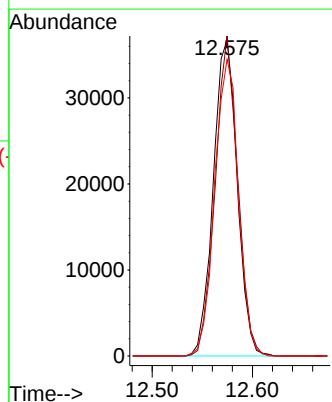
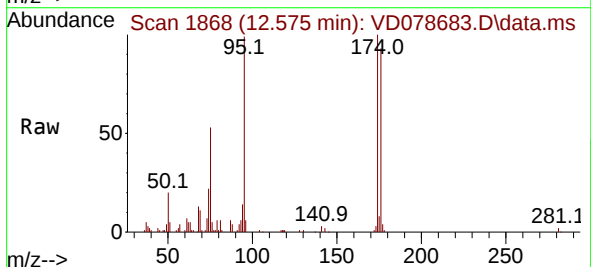
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

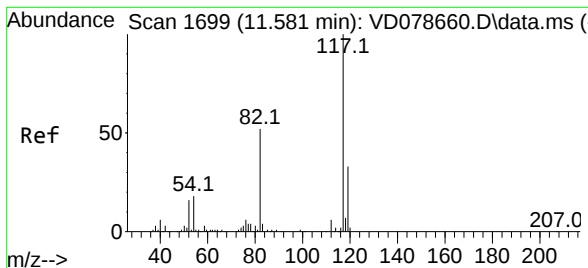
Tgt Ion: 98 Resp: 247245
Ion Ratio Lower Upper
98 100
100 62.9 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 44.754 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD078683.D
Acq: 15 Mar 2024 13:02

Tgt Ion: 95 Resp: 60969
Ion Ratio Lower Upper
95 100
174 94.9 0.0 195.2
176 93.5 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: VD078683.D

Acq: 15 Mar 2024 13:02

Instrument :

MSVOA_D

ClientSampleId :

VIBLK

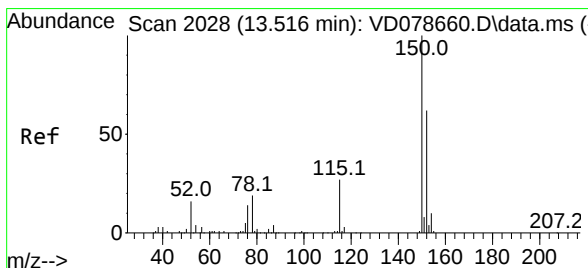
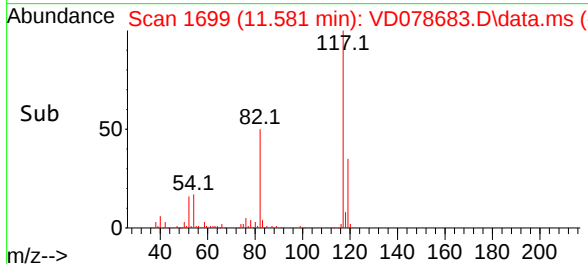
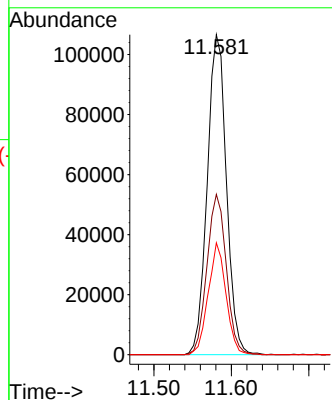
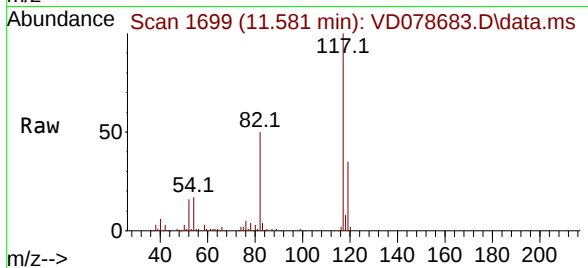
Tgt Ion:117 Resp: 183090

Ion Ratio Lower Upper

117 100

82 50.1 41.4 62.2

119 35.0 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: VD078683.D

Acq: 15 Mar 2024 13:02

Tgt Ion:152 Resp: 78047

Ion Ratio Lower Upper

152 100

115 54.9 27.1 81.2

150 161.5 0.0 350.2

