

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032924\
 Data File : VD078790.D
 Acq On : 29 Mar 2024 13:20
 Operator : RP/MD
 Sample : VD0329SBL01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0329SBL01

Quant Time: Mar 29 23:41:34 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	171678	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	311911	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	271371	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	113469	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	73897	45.930	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.860%
35) Dibromofluoromethane	7.804	113	94367	46.990	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.980%
50) Toluene-d8	10.269	98	370943	50.225	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.440%
62) 4-Bromofluorobenzene	12.575	95	90121	41.709	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	83.420%

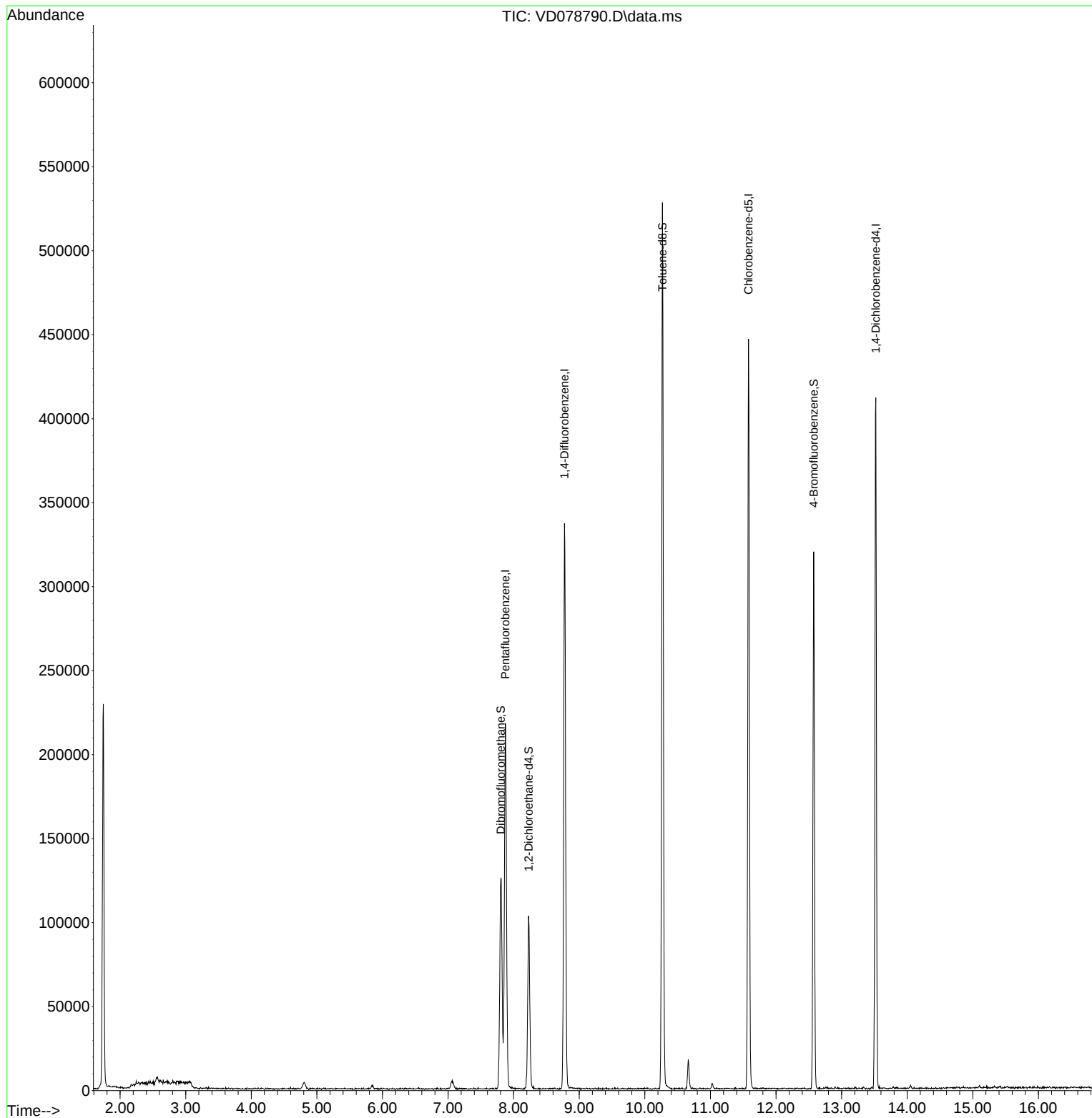
Target Compounds	Qvalue

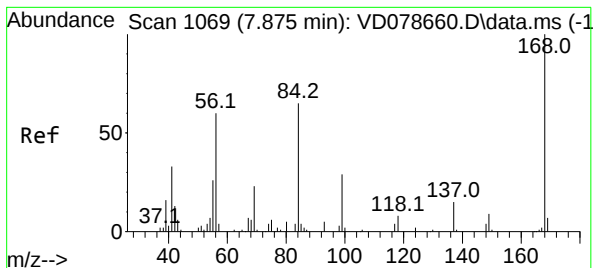
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1109

Delta R.T. -0.000 min

Lab File: VD078790.D

Acq: 29 Mar 2024 13:20

Instrument :

MSVOA_D

ClientSampleId :

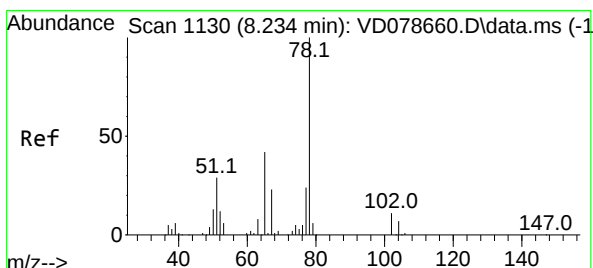
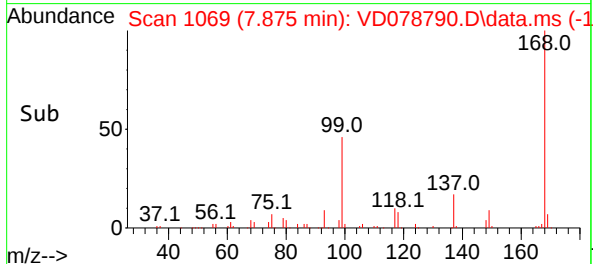
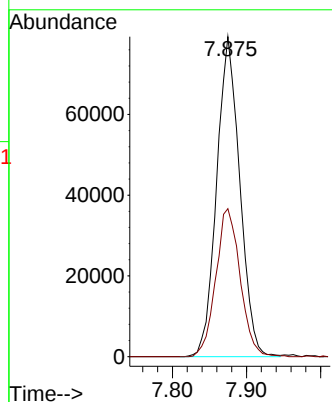
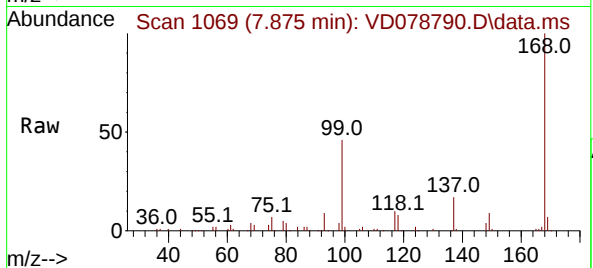
VD0329SBL01

Tgt Ion:168 Resp: 171678

Ion Ratio Lower Upper

168 100

99 46.3 38.8 58.2



#33

1,2-Dichloroethane-d4

Concen: 45.930 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD078790.D

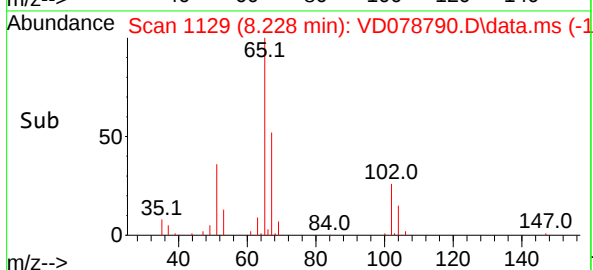
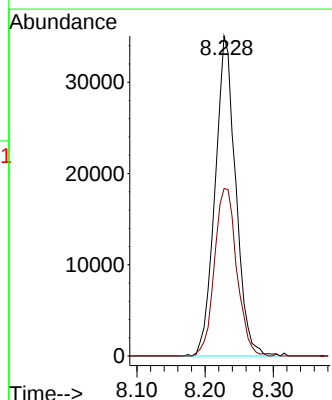
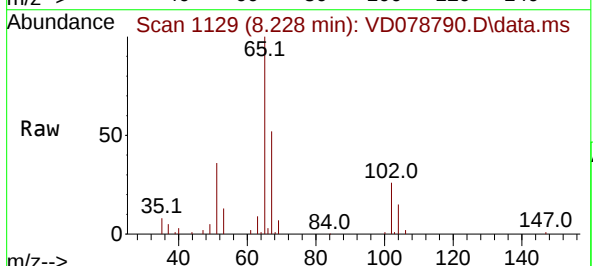
Acq: 29 Mar 2024 13:20

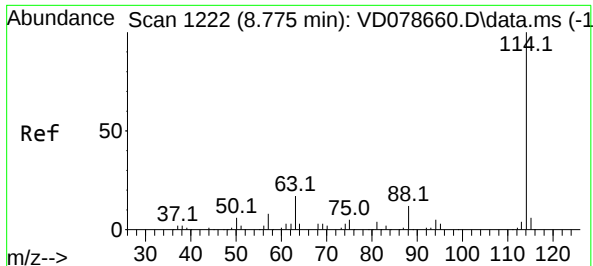
Tgt Ion: 65 Resp: 73897

Ion Ratio Lower Upper

65 100

67 56.6 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD078790.D

Acq: 29 Mar 2024 13:20

Instrument :

MSVOA_D

ClientSampleId :

VD0329SBL01

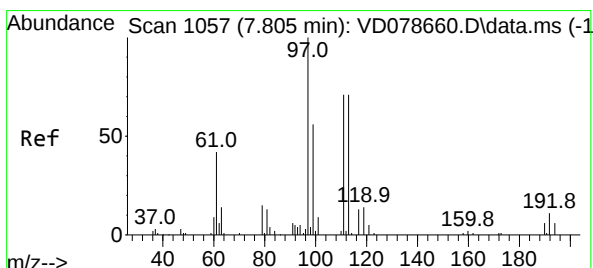
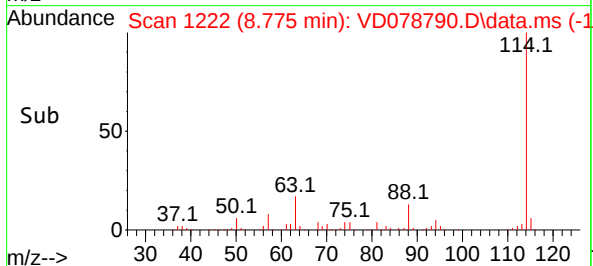
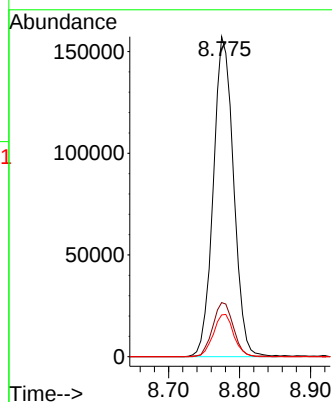
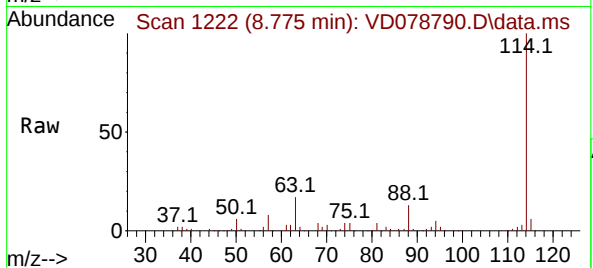
Tgt Ion:114 Resp: 311911

Ion Ratio Lower Upper

114 100

63 16.9 0.0 33.4

88 13.0 0.0 24.6



#35

Dibromofluoromethane

Concen: 46.990 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD078790.D

Acq: 29 Mar 2024 13:20

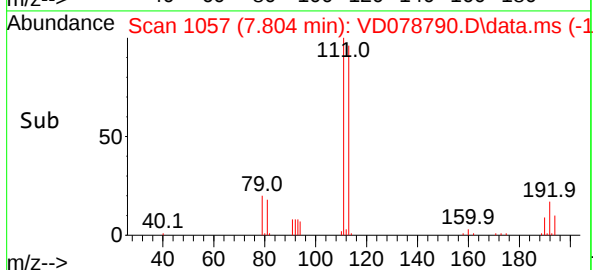
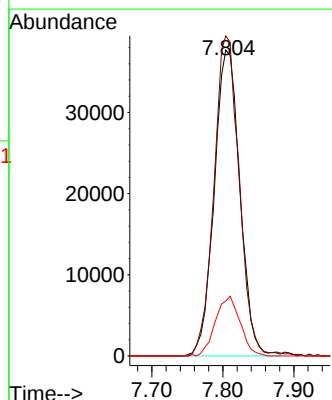
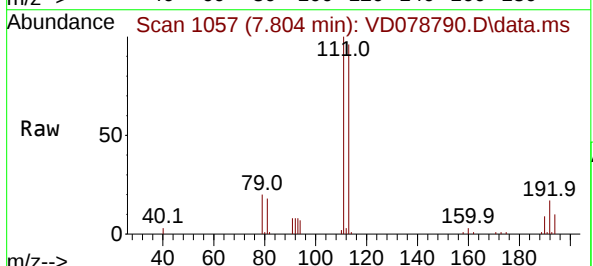
Tgt Ion:113 Resp: 94367

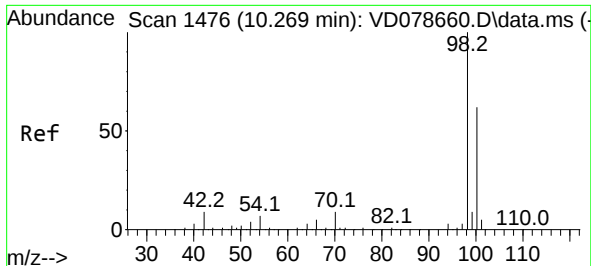
Ion Ratio Lower Upper

113 100

111 103.3 81.9 122.9

192 18.8 15.4 23.0

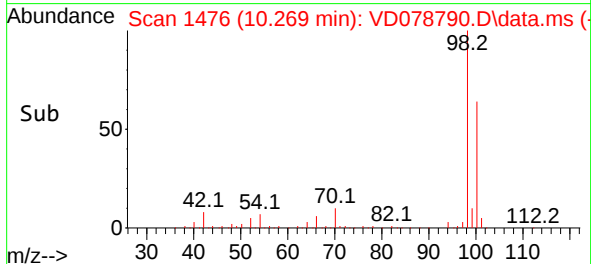
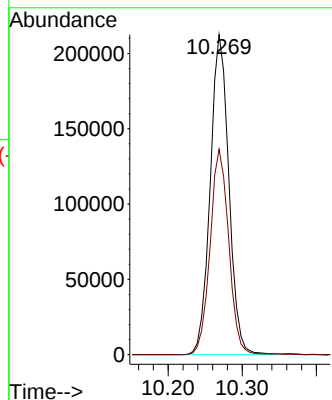
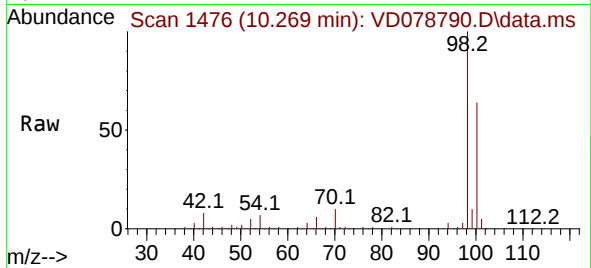




#50
Toluene-d8
Concen: 50.225 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD078790.D
Acq: 29 Mar 2024 13:20

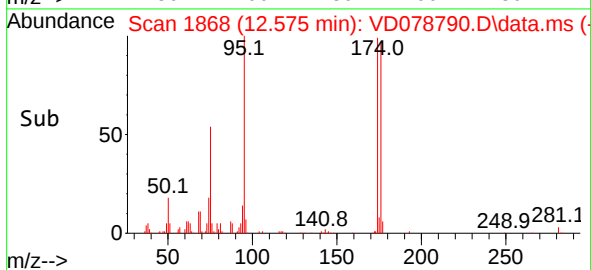
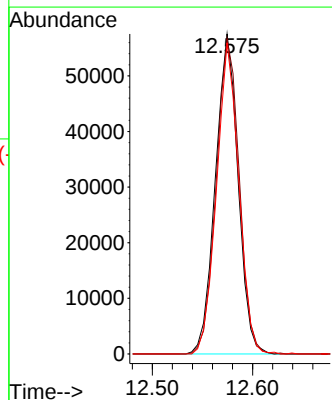
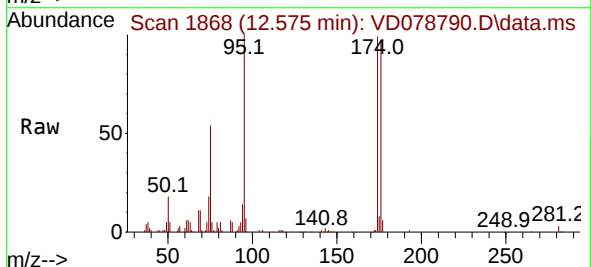
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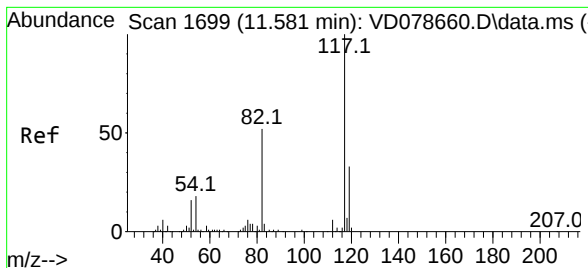
Tgt Ion: 98 Resp: 370943
Ion Ratio Lower Upper
98 100
100 64.4 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 41.709 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD078790.D
Acq: 29 Mar 2024 13:20

Tgt Ion: 95 Resp: 90121
Ion Ratio Lower Upper
95 100
174 100.3 0.0 195.2
176 95.4 0.0 188.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.580 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD078790.D

Acq: 29 Mar 2024 13:20

Instrument :

MSVOA_D

ClientSampleId :

VD0329SBL01

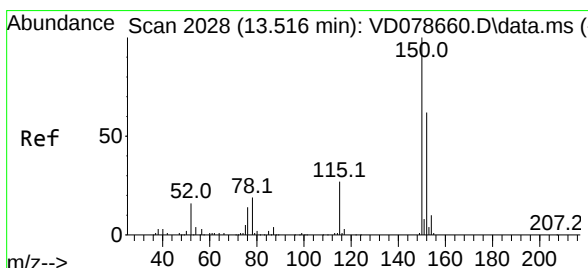
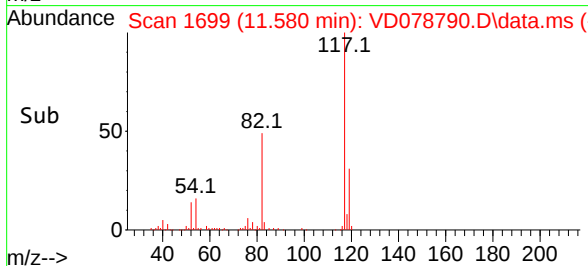
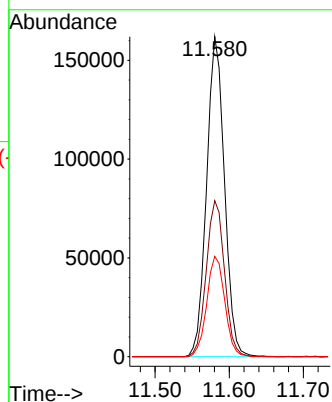
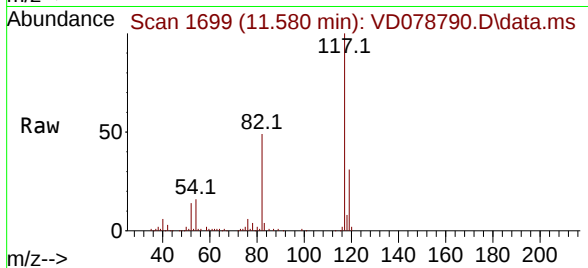
Tgt Ion:117 Resp: 271371

Ion Ratio Lower Upper

117 100

82 48.7 41.4 62.2

119 31.3 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.522 min Scan# 2029

Delta R.T. 0.006 min

Lab File: VD078790.D

Acq: 29 Mar 2024 13:20

Tgt Ion:152 Resp: 113469

Ion Ratio Lower Upper

152 100

115 54.6 27.1 81.2

150 160.2 0.0 350.2

