

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060823\
 Data File : VD076375.D
 Acq On : 08 Jun 2023 16:01
 Operator : KP/SY
 Sample : 03047-04RE
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB33ARE

Quant Time: Jun 08 16:32:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060523S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 06 02:52:23 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	7860	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	13218	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	16437	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	8575	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	8960	127.227	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	254.460%#
35) Dibromofluoromethane	7.810	113	9498	113.171	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	226.340%#
50) Toluene-d8	10.269	98	18687	55.924	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	111.840%
62) 4-Bromofluorobenzene	12.569	95	6416	72.555	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	145.100%#

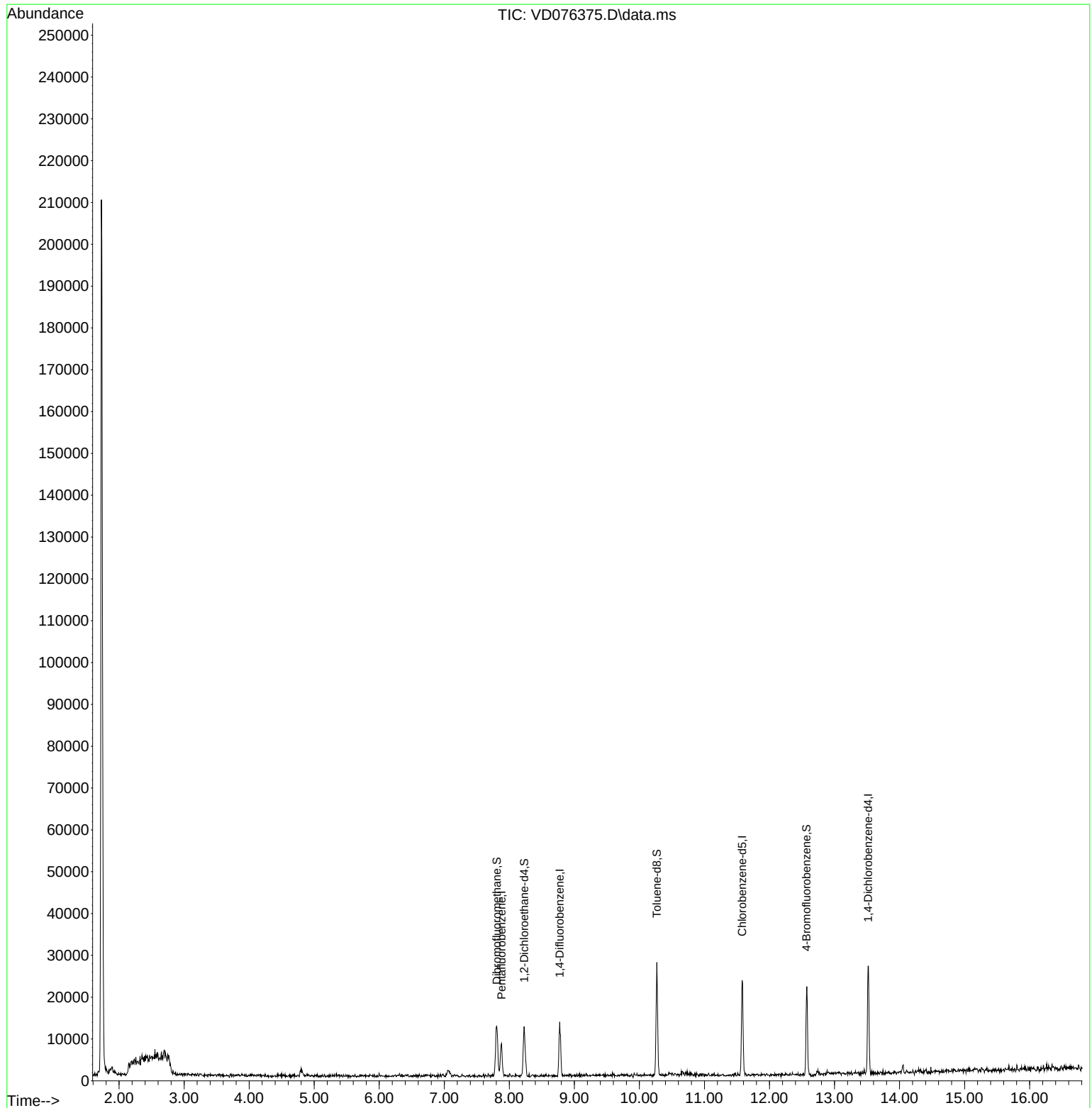
Target Compounds	Qvalue

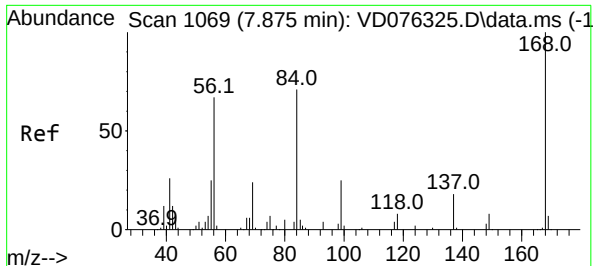
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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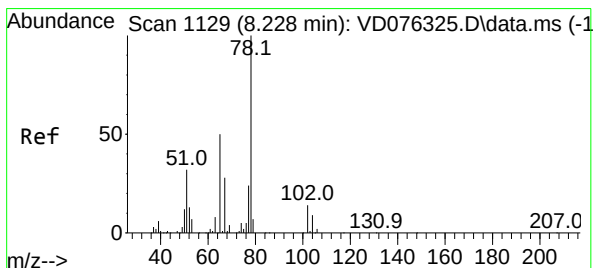
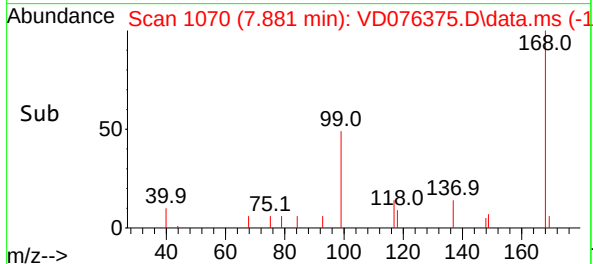
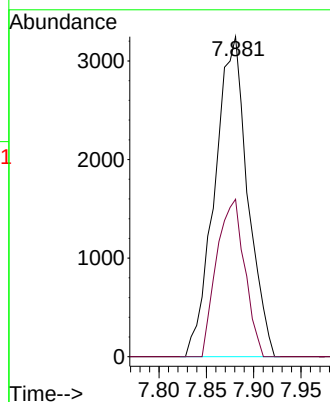
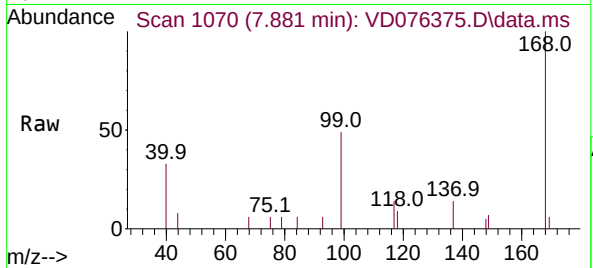




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD076375.D
Acq: 08 Jun 2023 16:01

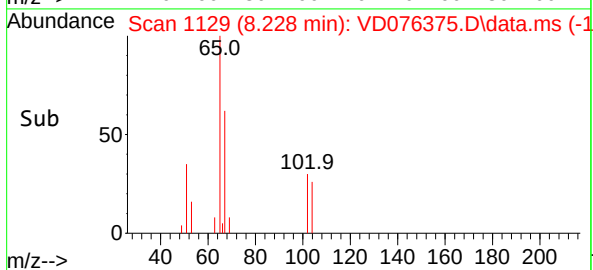
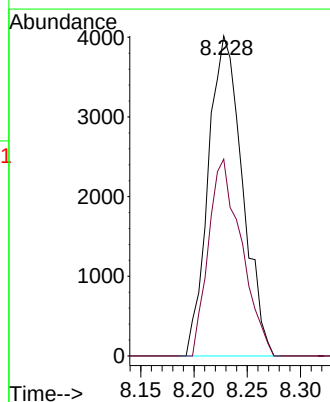
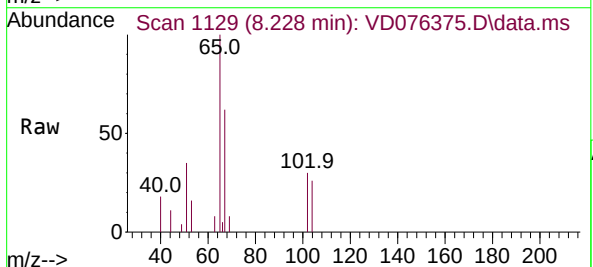
Instrument :
MSVOA_D
ClientSampleId :
SB33ARE

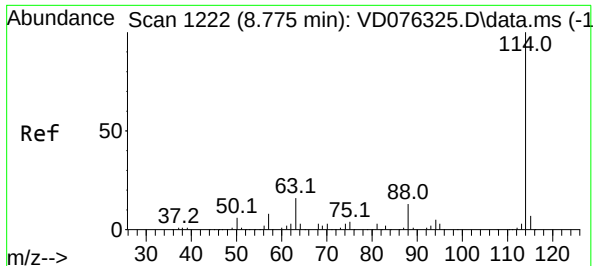
Tgt Ion:168 Resp: 7860
Ion Ratio Lower Upper
168 100
99 49.2 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 127.227 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD076375.D
Acq: 08 Jun 2023 16:01

Tgt Ion: 65 Resp: 8960
Ion Ratio Lower Upper
65 100
67 59.3 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD076375.D

Acq: 08 Jun 2023 16:01

Instrument :

MSVOA_D

ClientSampleId :

SB33ARE

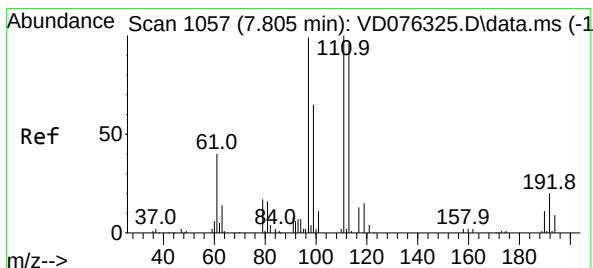
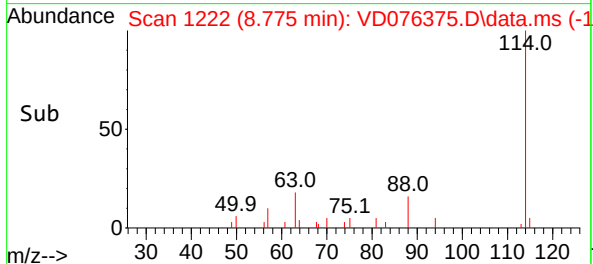
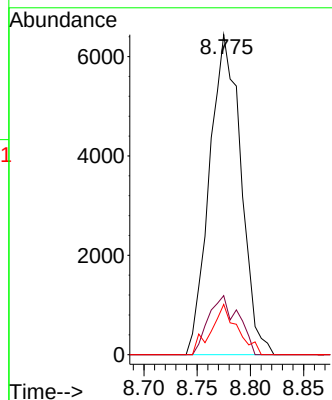
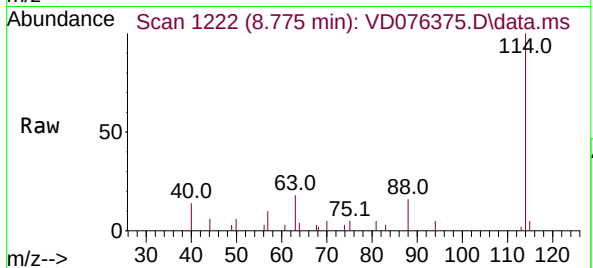
Tgt Ion:114 Resp: 13218

Ion Ratio Lower Upper

114 100

63 18.5 0.0 33.4

88 15.7 0.0 26.2



#35

Dibromofluoromethane

Concen: 113.171 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD076375.D

Acq: 08 Jun 2023 16:01

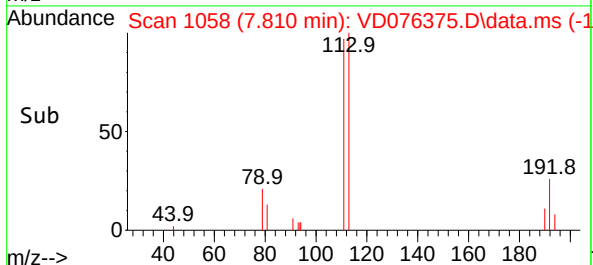
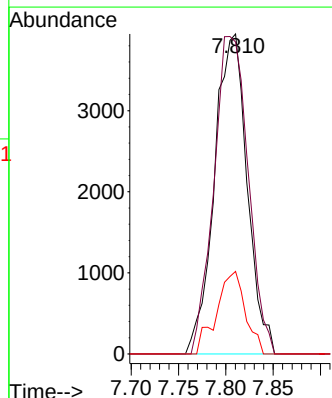
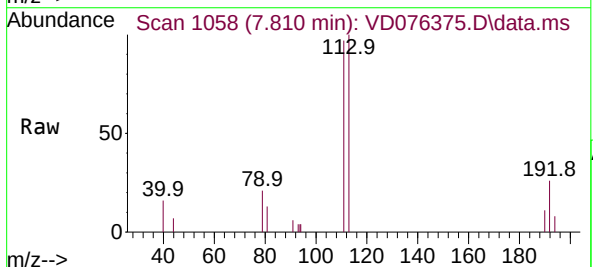
Tgt Ion:113 Resp: 9498

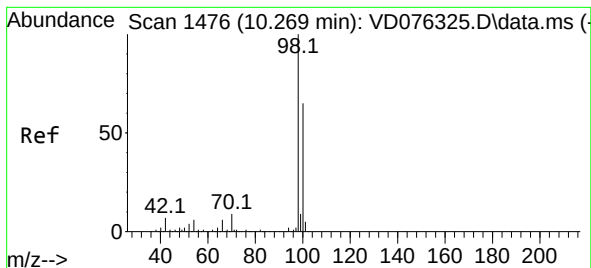
Ion Ratio Lower Upper

113 100

111 104.1 84.7 127.1

192 22.7 16.8 25.2

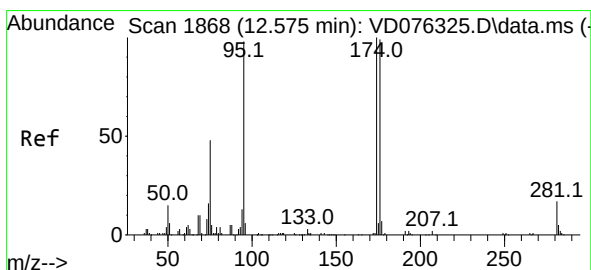
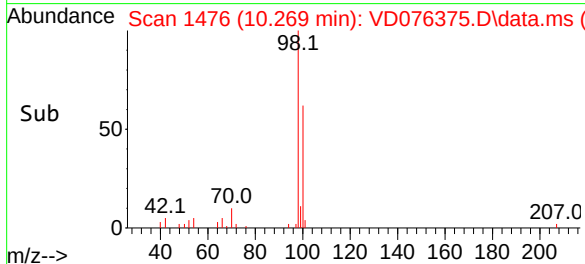
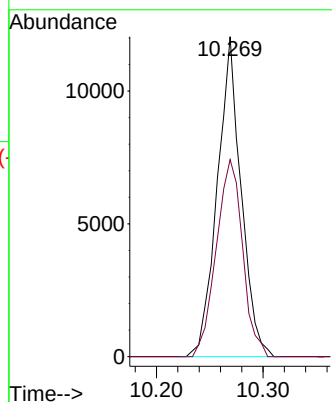
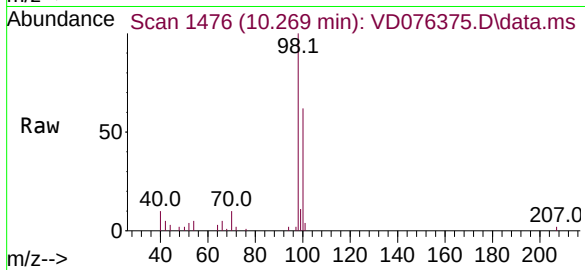




#50
Toluene-d8
Concen: 55.924 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD076375.D
Acq: 08 Jun 2023 16:01

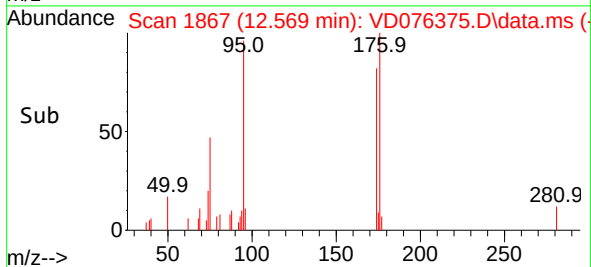
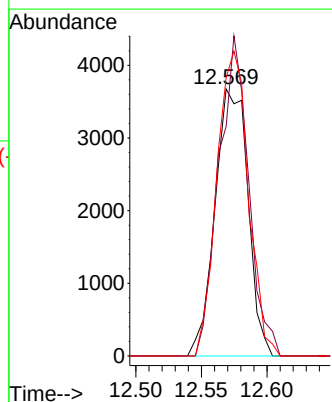
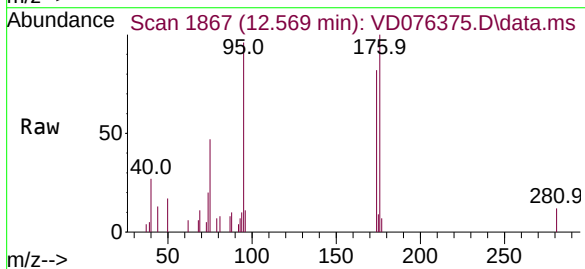
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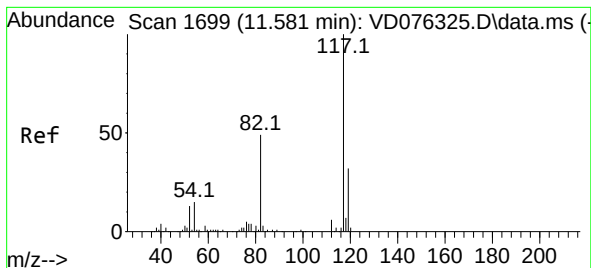
Tgt Ion: 98 Resp: 18687
Ion Ratio Lower Upper
98 100
100 68.1 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 72.555 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD076375.D
Acq: 08 Jun 2023 16:01

Tgt Ion: 95 Resp: 6416
Ion Ratio Lower Upper
95 100
174 108.7 0.0 201.8
176 109.6 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: VD076375.D

Acq: 08 Jun 2023 16:01

Instrument :

MSVOA_D

ClientSampleId :

SB33ARE

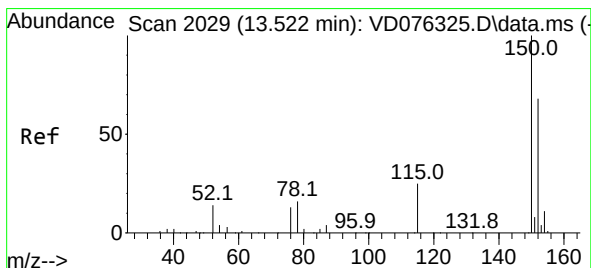
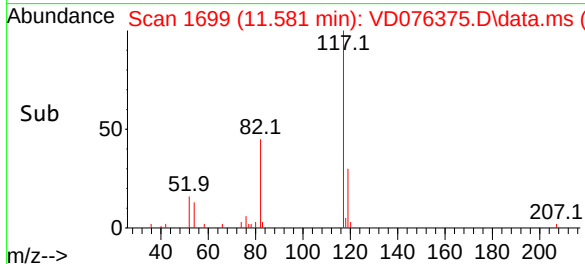
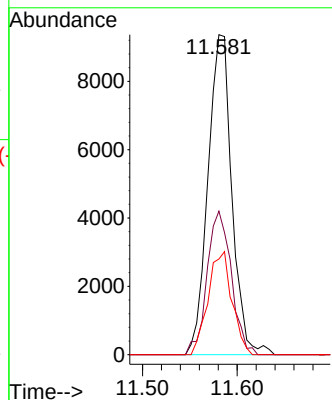
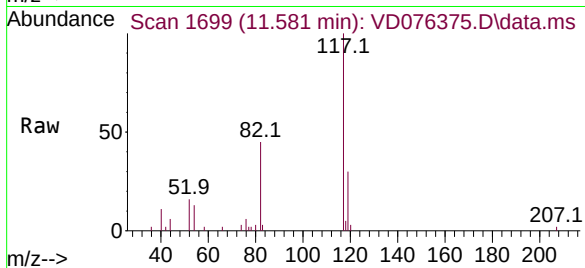
Tgt Ion:117 Resp: 16437

Ion Ratio Lower Upper

117 100

82 44.8 38.3 57.5

119 29.9 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: VD076375.D

Acq: 08 Jun 2023 16:01

Tgt Ion:152 Resp: 8575

Ion Ratio Lower Upper

152 100

115 46.4 27.1 81.3

150 152.3 0.0 353.6

