

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060723\
 Data File : VD076365.D
 Acq On : 07 Jun 2023 20:48
 Operator : KP/SY
 Sample : 03047-04
 Misc : 5.04G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB33A

Quant Time: Jun 08 01:19:53 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	7.875	168	11142	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	24110	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	24717	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	8404	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	17264	172.931	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	345.860%#
35) Dibromofluoromethane	7.804	113	14987	97.901	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	195.800%#
50) Toluene-d8	10.269	98	26225	43.027	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	86.060%
62) 4-Bromofluorobenzene	12.575	95	8517	52.803	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	105.600%

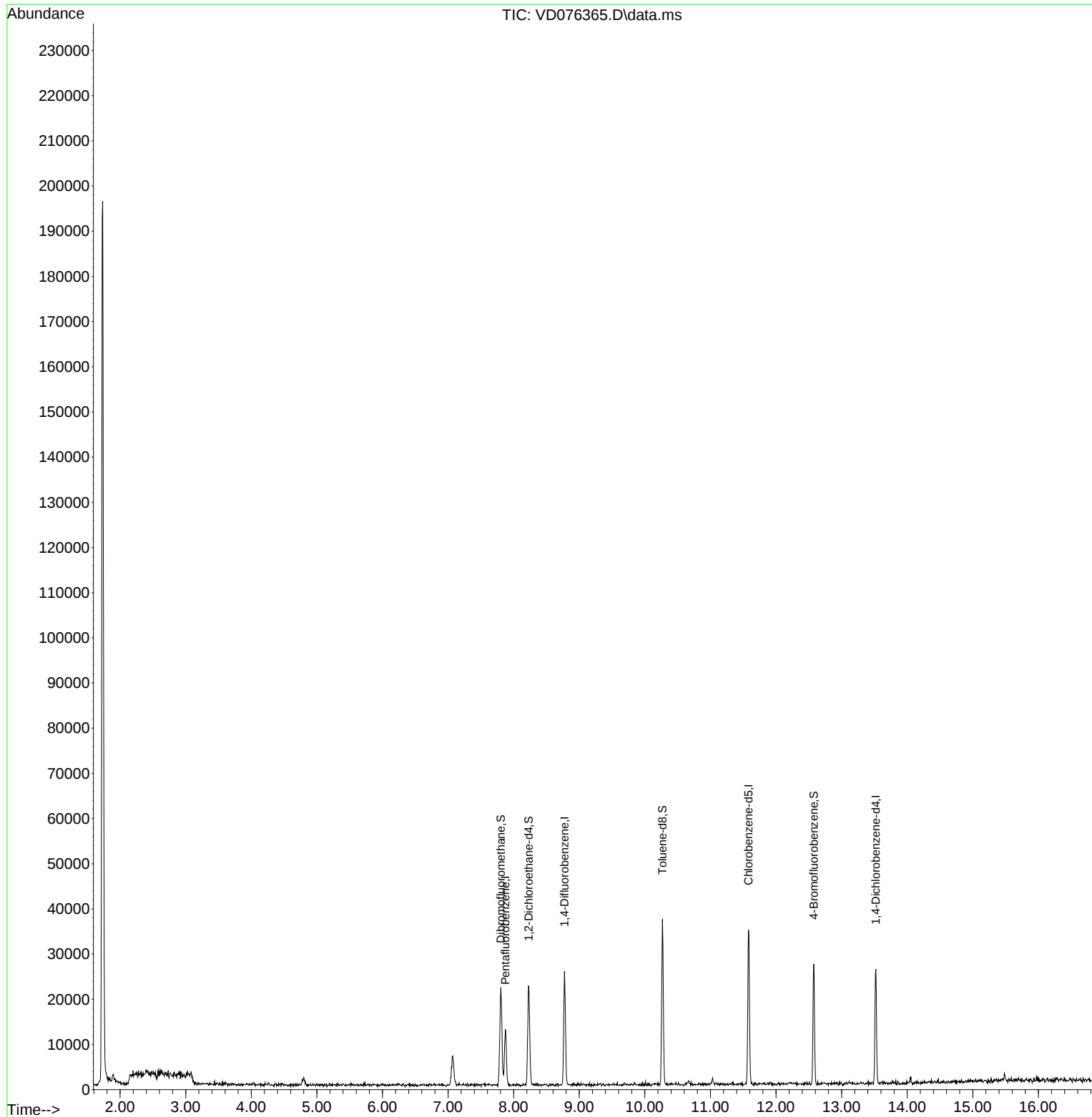
Target Compounds	Qvalue

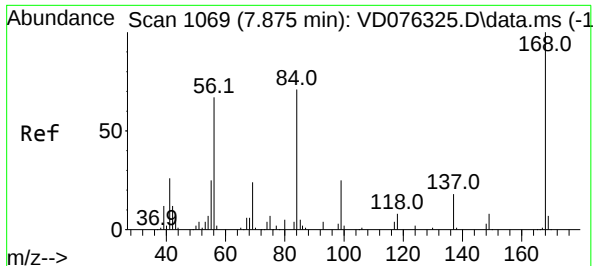
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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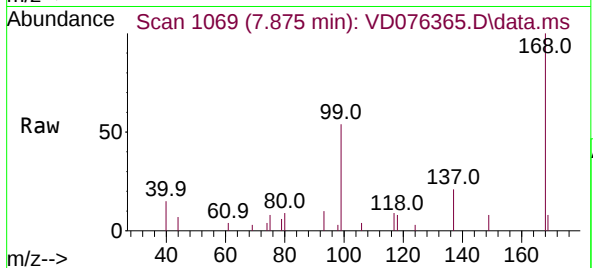
Quant Time: Jun 08 01:19:53 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060523S.M
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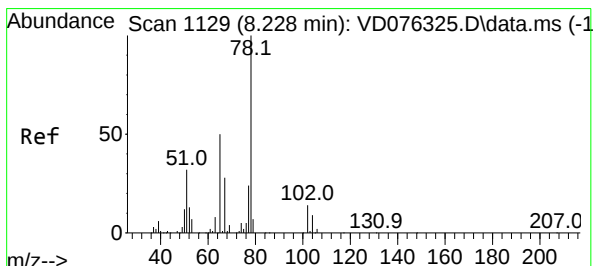
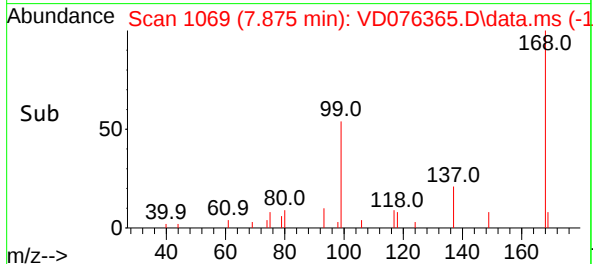
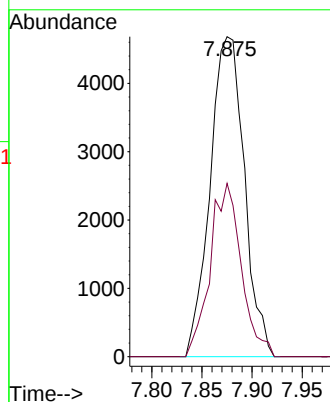


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076365.D
Acq: 07 Jun 2023 20:48

Instrument :
MSVOA_D
ClientSampleId :
SB33A

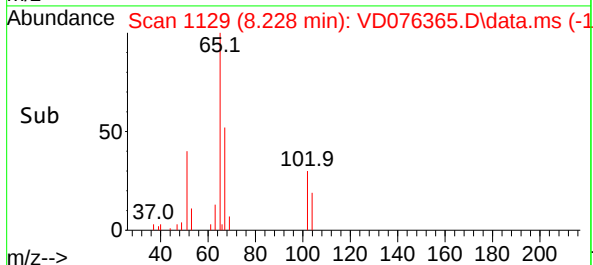
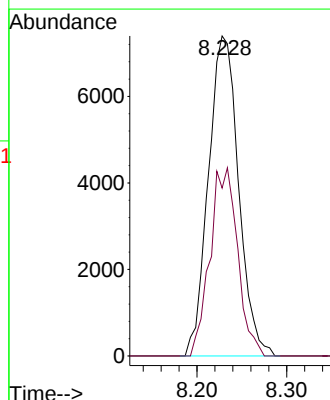
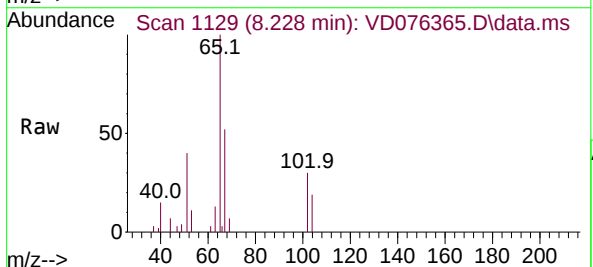


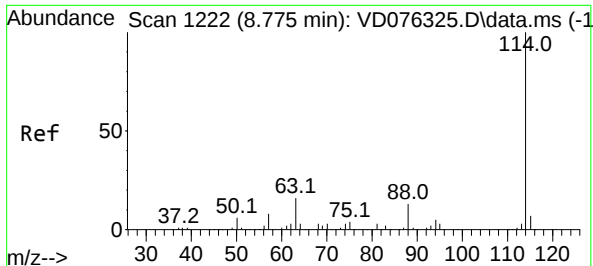
Tgt Ion:168 Resp: 11142
Ion Ratio Lower Upper
168 100
99 54.2 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 172.931 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD076365.D
Acq: 07 Jun 2023 20:48

Tgt Ion: 65 Resp: 17264
Ion Ratio Lower Upper
65 100
67 53.9 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: VD076365.D

Acq: 07 Jun 2023 20:48

Instrument :

MSVOA_D

ClientSampleId :

SB33A

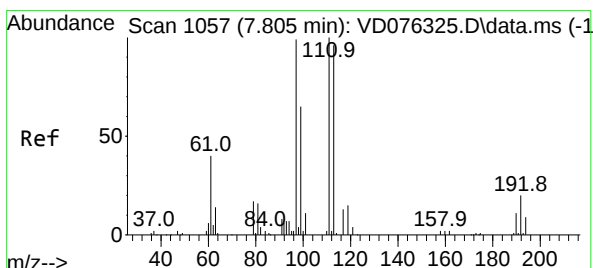
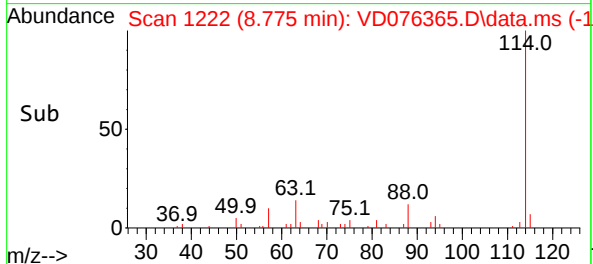
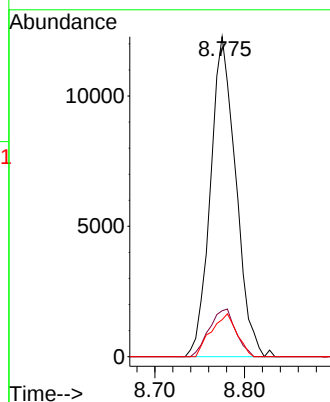
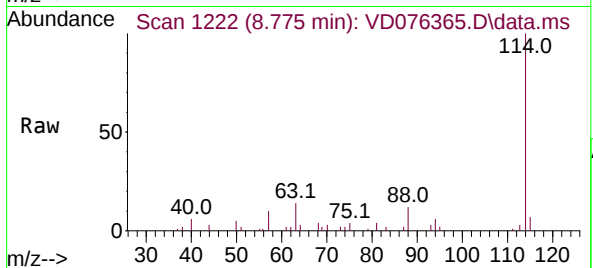
Tgt Ion:114 Resp: 24110

Ion Ratio Lower Upper

114 100

63 14.4 0.0 33.4

88 11.6 0.0 26.2



#35

Dibromofluoromethane

Concen: 97.901 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD076365.D

Acq: 07 Jun 2023 20:48

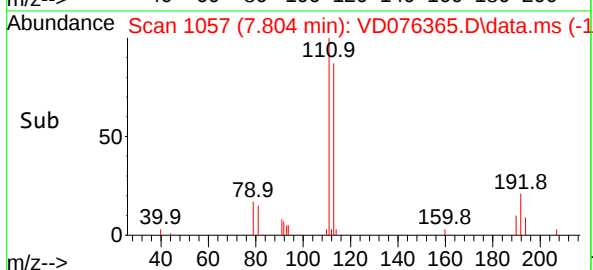
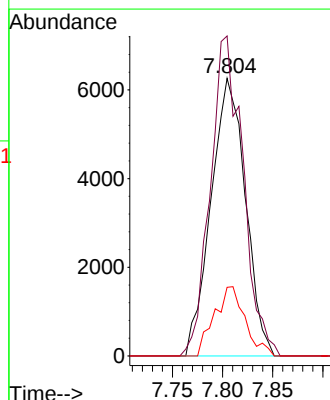
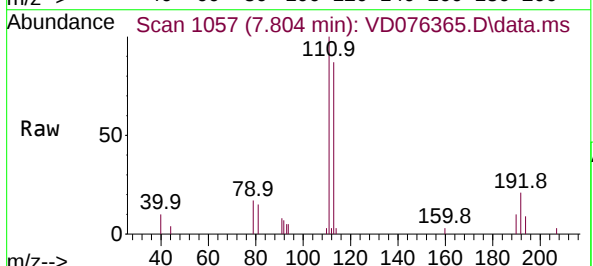
Tgt Ion:113 Resp: 14987

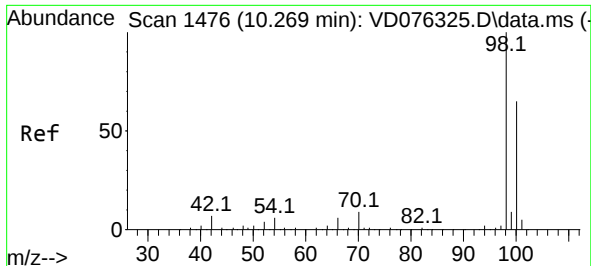
Ion Ratio Lower Upper

113 100

111 109.2 84.7 127.1

192 22.3 16.8 25.2

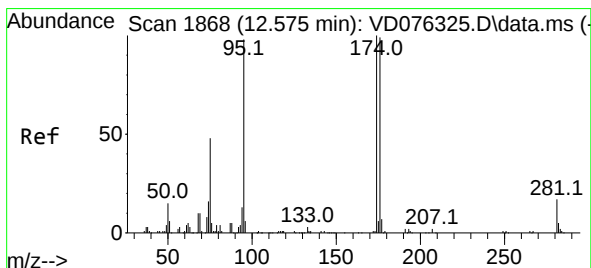
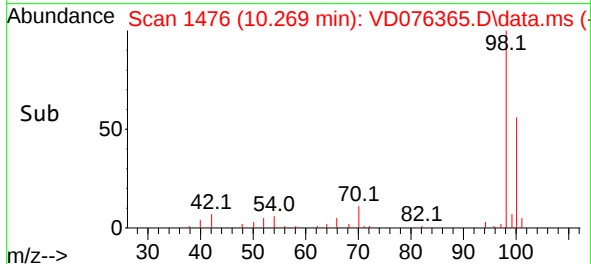
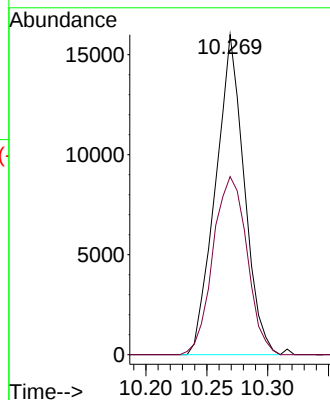
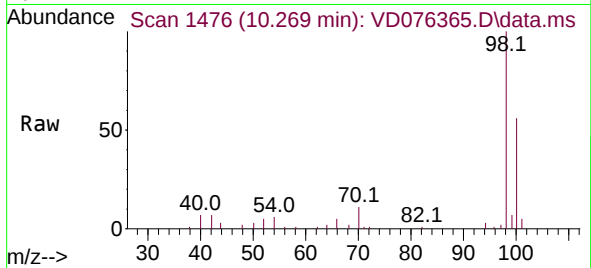




#50
Toluene-d8
Concen: 43.027 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD076365.D
Acq: 07 Jun 2023 20:48

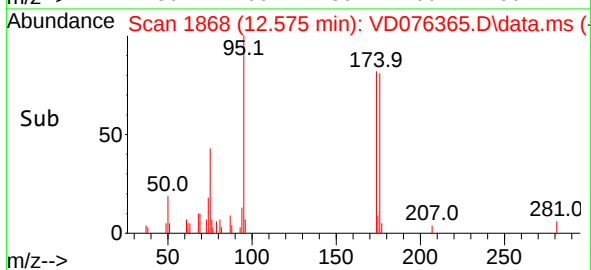
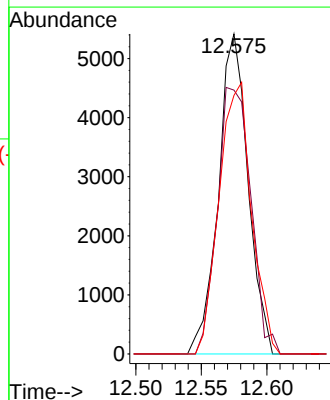
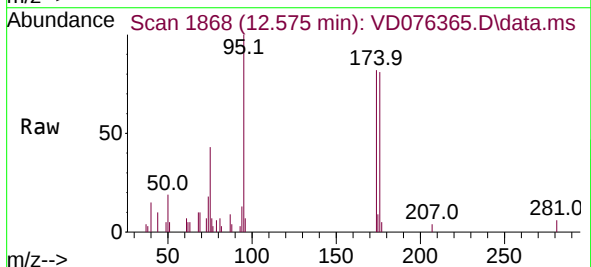
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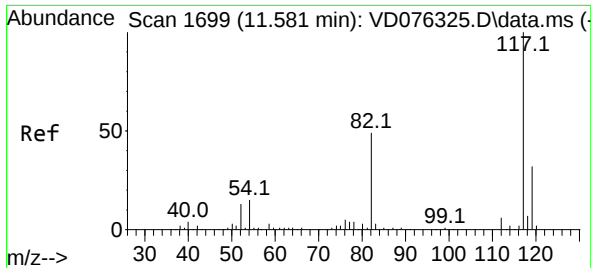
Tgt Ion: 98 Resp: 26225
Ion Ratio Lower Upper
98 100
100 65.9 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 52.803 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076365.D
Acq: 07 Jun 2023 20:48

Tgt Ion: 95 Resp: 8517
Ion Ratio Lower Upper
95 100
174 93.8 0.0 201.8
176 93.1 0.0 191.8

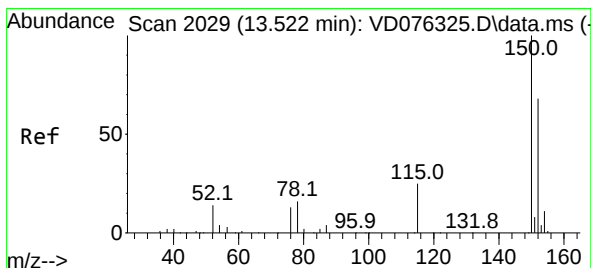
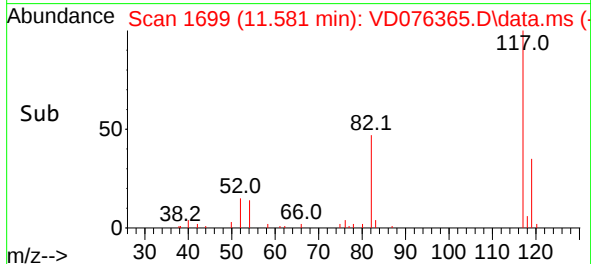
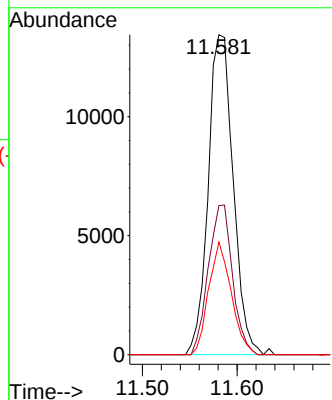
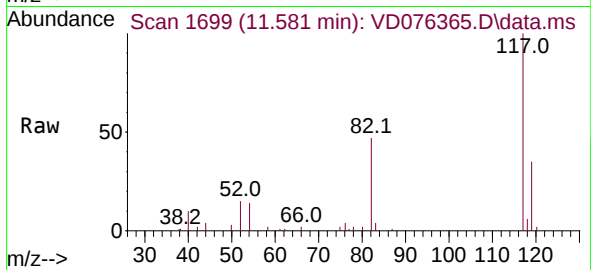




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076365.D
Acq: 07 Jun 2023 20:48

Instrument :
MSVOA_D
ClientSampleId :
SB33A

Tgt Ion:117 Resp: 24717
Ion Ratio Lower Upper
117 100
82 46.6 38.3 57.5
119 35.2 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD076365.D
Acq: 07 Jun 2023 20:48

Tgt Ion:152 Resp: 8404
Ion Ratio Lower Upper
152 100
115 53.4 27.1 81.3
150 156.7 0.0 353.6

