

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051923\
 Data File : VD076161.D
 Acq On : 19 May 2023 17:40
 Operator : KP/SY
 Sample : 02845-21
 Misc : 4.57G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP3

Quant Time: May 22 01:30:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051523S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 10:08:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	263120	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	526264	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	445844	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	169068	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	148671	58.463	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.920%
35) Dibromofluoromethane	7.804	113	192041	52.793	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.580%
50) Toluene-d8	10.269	98	593185	41.831	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	83.660%
62) 4-Bromofluorobenzene	12.575	95	179641	45.604	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	91.200%

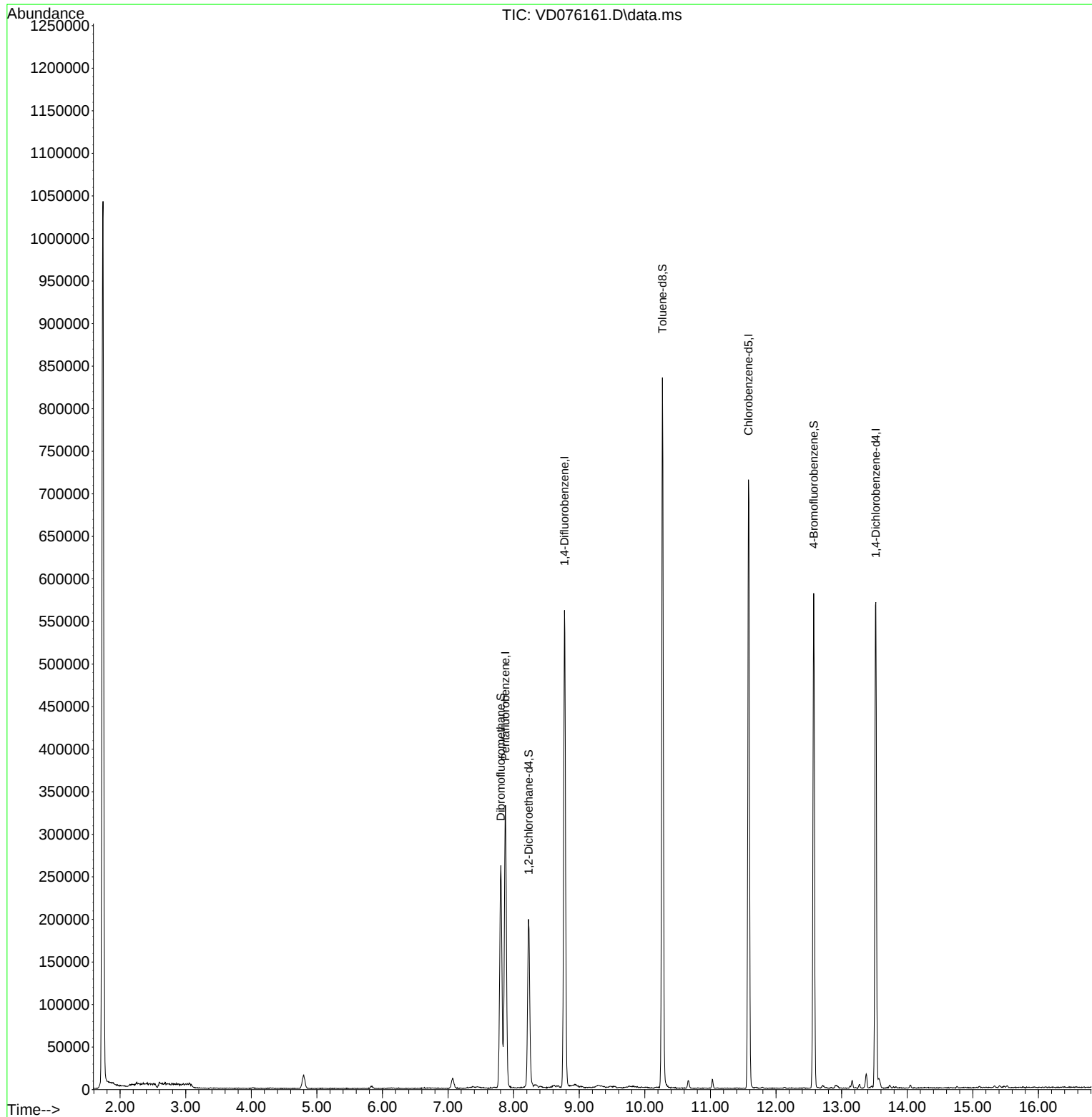
Target Compounds	Qvalue

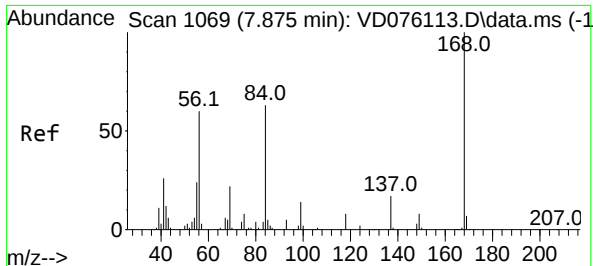
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051923\
Data File : VD076161.D
Acq On : 19 May 2023 17:40
Operator : KP/SY
Sample : 02845-21
Misc : 4.57G/5.00ml/MSVOA_D/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TP3

Quant Time: May 22 01:30:42 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051523S.M
Quant Title : SW846 8260
QLast Update : Tue May 16 10:08:53 2023
Response via : Initial Calibration

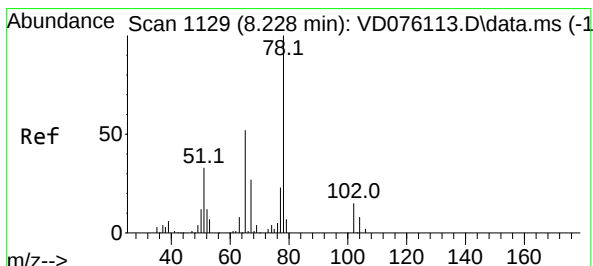
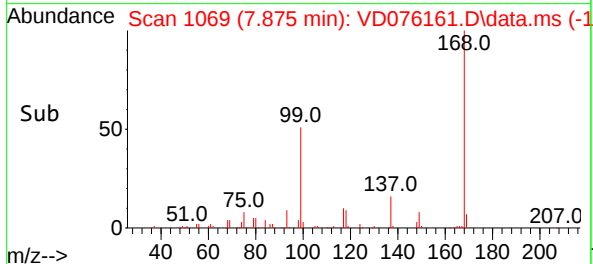
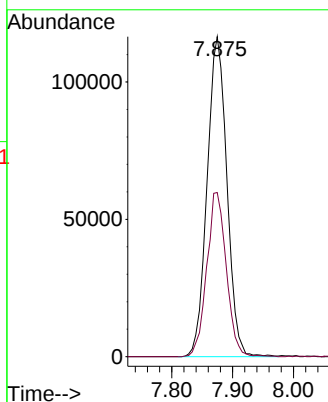
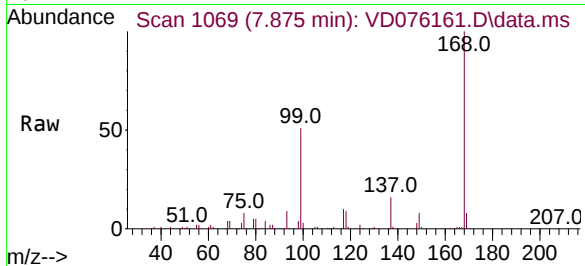




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD076161.D
Acq: 19 May 2023 17:40

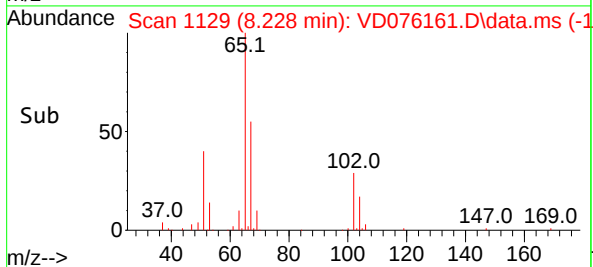
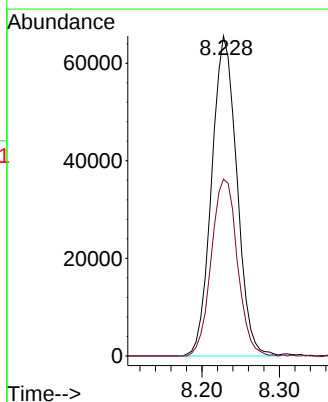
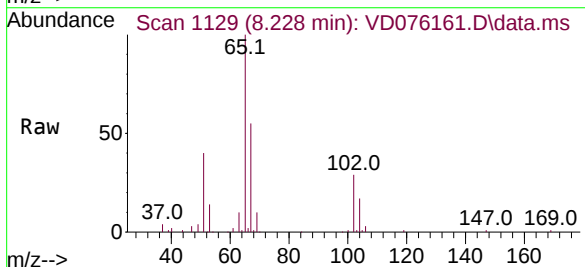
Instrument :
MSVOA_D
ClientSampleId :
TP3

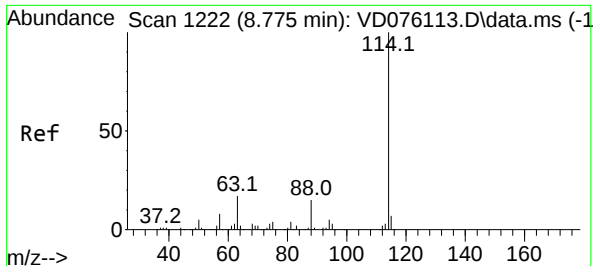
Tgt Ion:168 Resp: 263120
Ion Ratio Lower Upper
168 100
99 51.3 43.8 65.6



#33
1,2-Dichloroethane-d4
Concen: 58.463 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD076161.D
Acq: 19 May 2023 17:40

Tgt Ion: 65 Resp: 148671
Ion Ratio Lower Upper
65 100
67 57.0 0.0 102.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD076161.D

Acq: 19 May 2023 17:40

Instrument :

MSVOA_D

ClientSampleId :

TP3

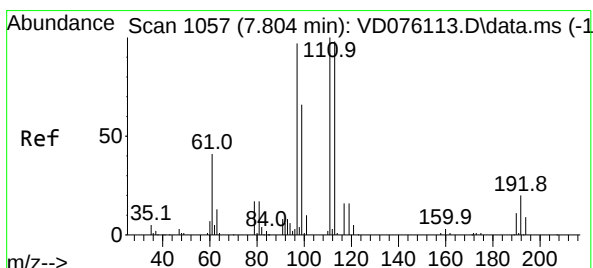
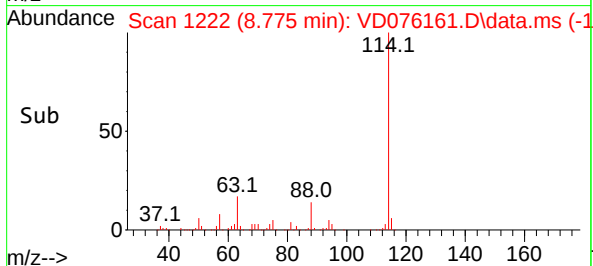
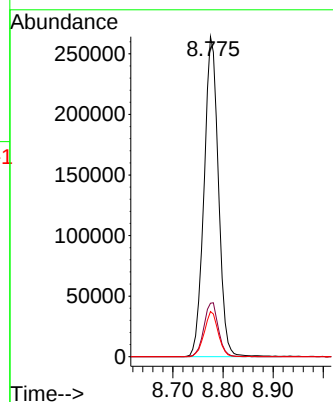
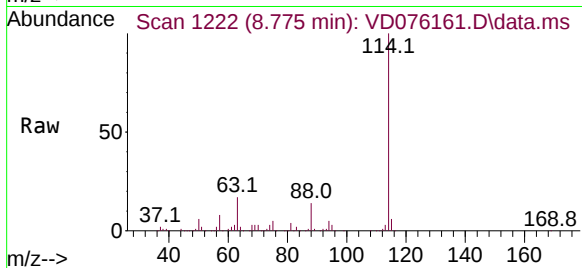
Tgt Ion:114 Resp: 526264

Ion Ratio Lower Upper

114 100

63 16.7 0.0 41.6

88 14.1 0.0 30.6



#35

Dibromofluoromethane

Concen: 52.793 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.001 min

Lab File: VD076161.D

Acq: 19 May 2023 17:40

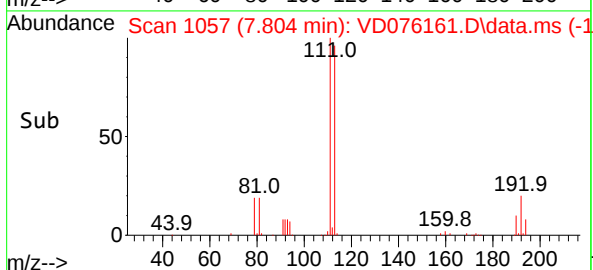
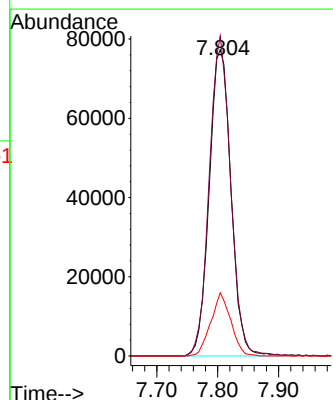
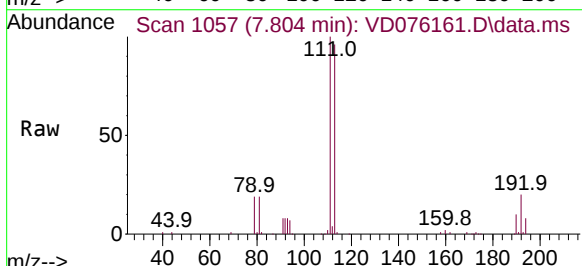
Tgt Ion:113 Resp: 192041

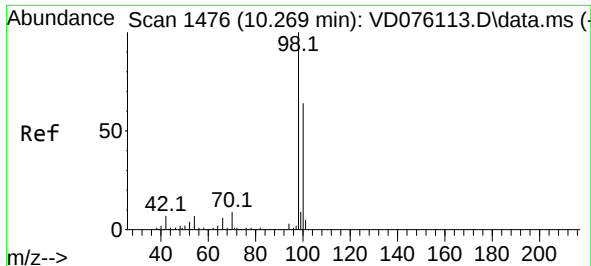
Ion Ratio Lower Upper

113 100

111 102.4 81.4 122.0

192 18.9 15.2 22.8

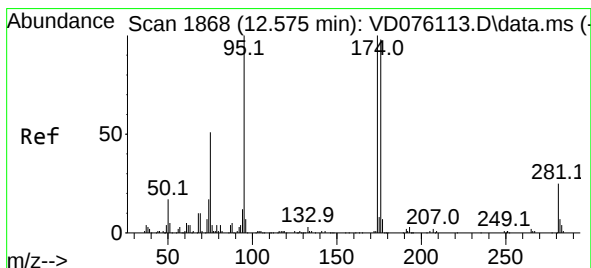
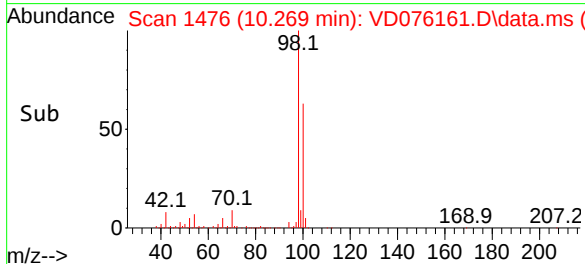
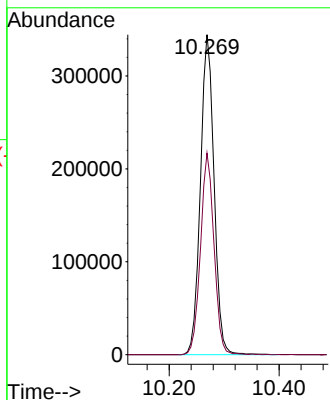
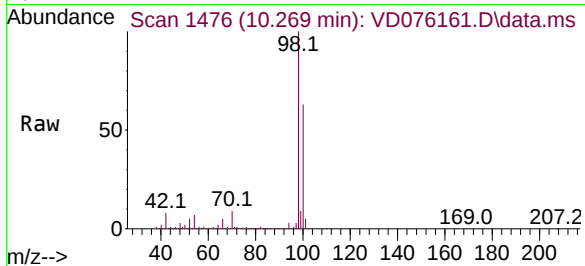




#50
Toluene-d8
Concen: 41.831 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD076161.D
Acq: 19 May 2023 17:40

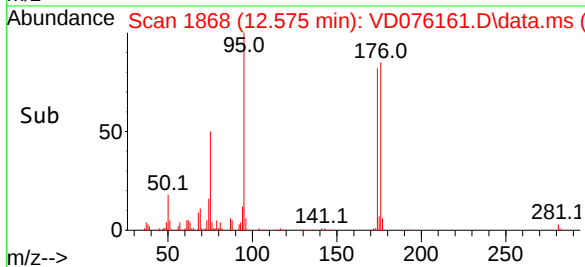
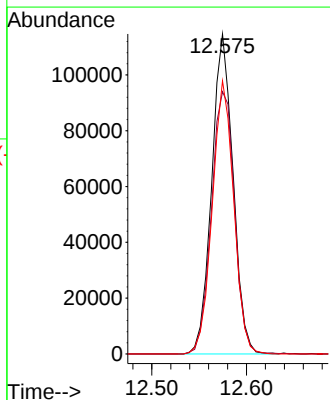
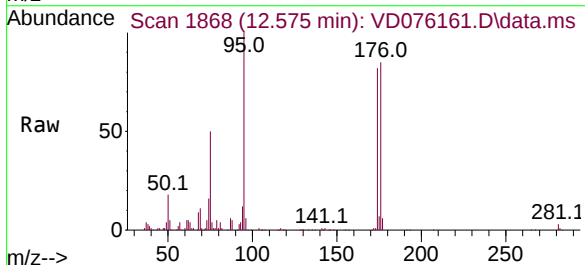
Instrument :
MSVOA_D
ClientSampleId :
TP3

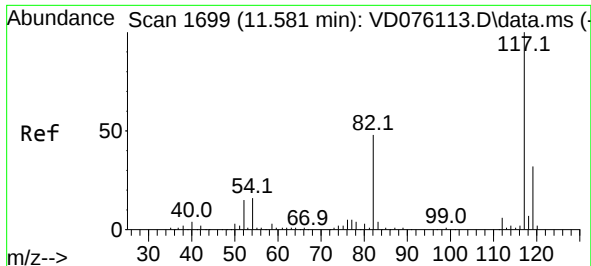
Tgt Ion: 98 Resp: 593185
Ion Ratio Lower Upper
98 100
100 62.4 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 45.604 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076161.D
Acq: 19 May 2023 17:40

Tgt Ion: 95 Resp: 179641
Ion Ratio Lower Upper
95 100
174 88.7 0.0 164.0
176 85.8 0.0 156.8

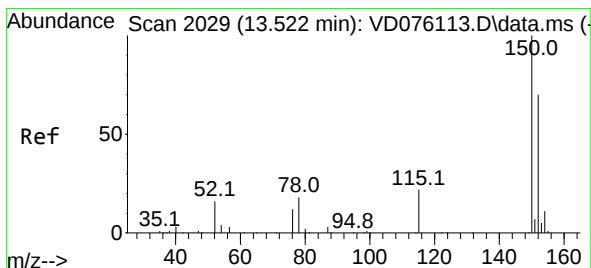
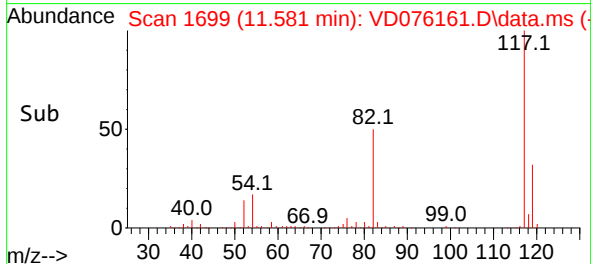
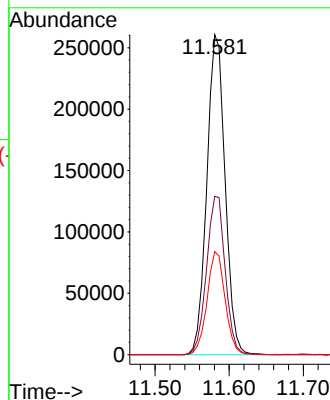
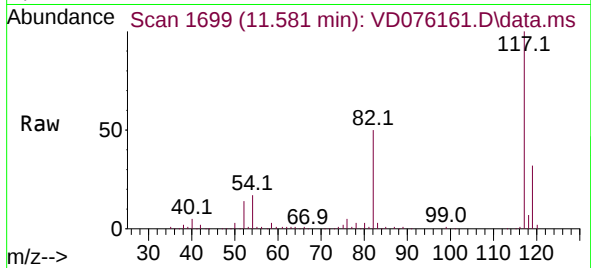




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076161.D
Acq: 19 May 2023 17:40

Instrument :
MSVOA_D
ClientSampleId :
TP3

Tgt Ion:117 Resp: 445844
Ion Ratio Lower Upper
117 100
82 49.5 44.0 66.0
119 32.2 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD076161.D
Acq: 19 May 2023 17:40

Tgt Ion:152 Resp: 169068
Ion Ratio Lower Upper
152 100
115 54.2 30.1 90.3
150 156.6 0.0 364.8

