

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051923\
 Data File : VD076162.D
 Acq On : 19 May 2023 18:10
 Operator : KP/SY
 Sample : 02849-01
 Misc : 4.77G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP7

Quant Time: May 22 01:31:02 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)

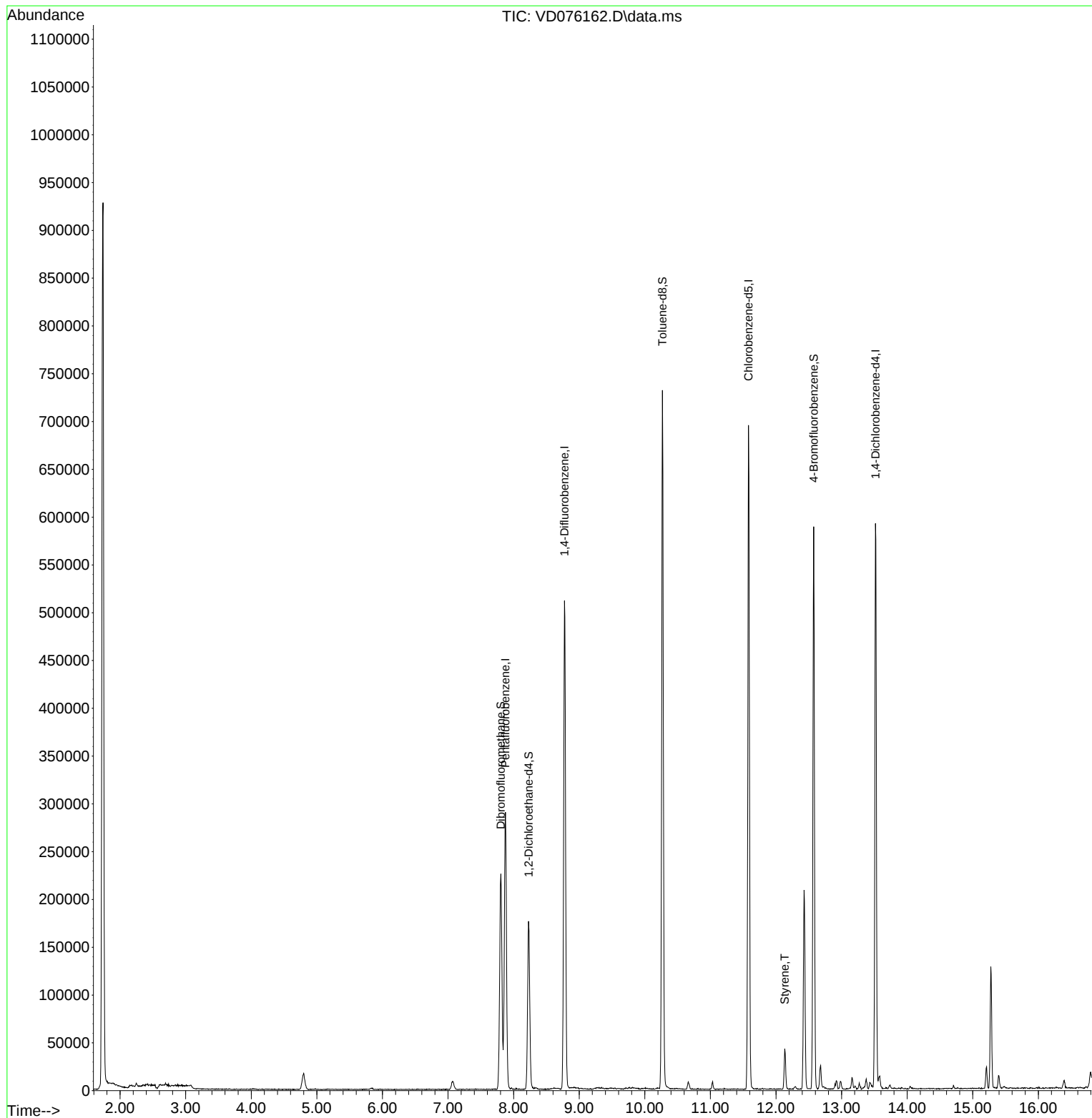
Internal Standards						
1) Pentafluorobenzene	7.875	168	233306	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	485021	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	426937	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	168178	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	134503	59.651	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.300%
35) Dibromofluoromethane	7.805	113	169423	50.536	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.080%
50) Toluene-d8	10.269	98	520735	39.845	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	79.680%
62) 4-Bromofluorobenzene	12.575	95	180131	49.617	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	99.240%
Target Compounds						
70) Styrene	12.134	104	22919	2.282	ug/l	Qvalue # 86

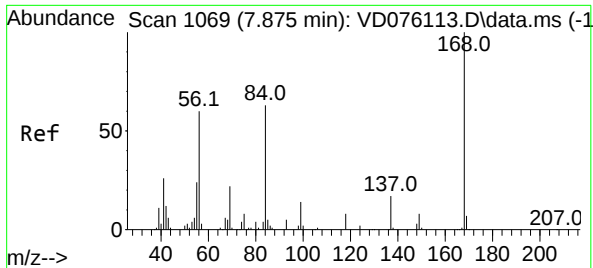
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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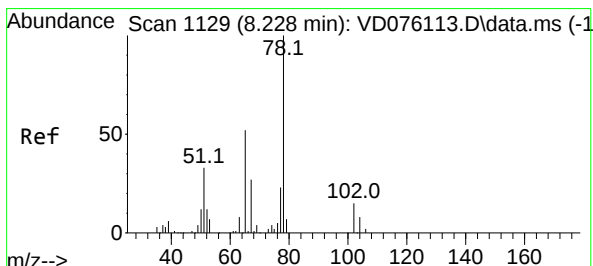
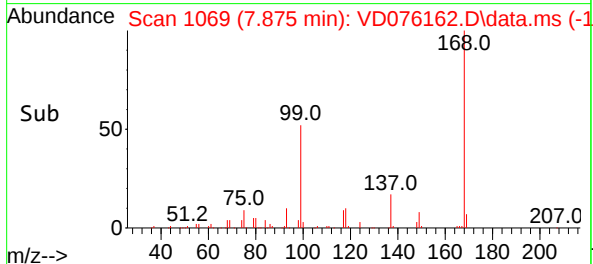
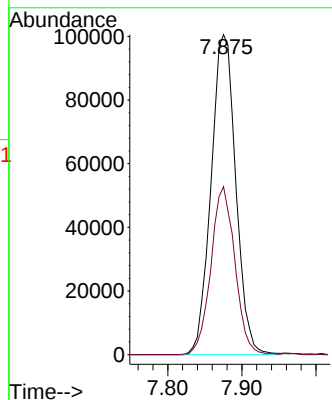
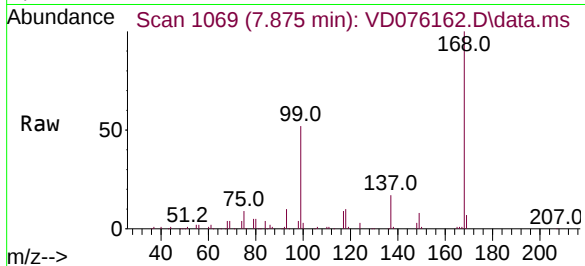




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076162.D
Acq: 19 May 2023 18:10

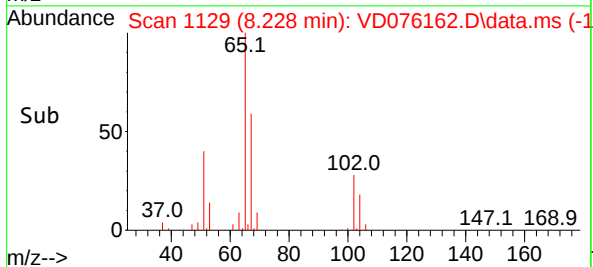
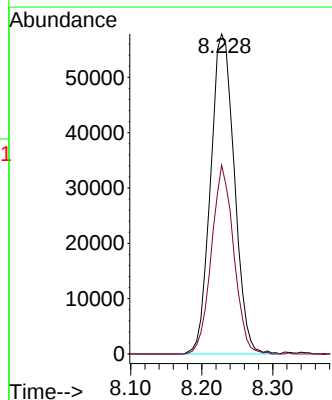
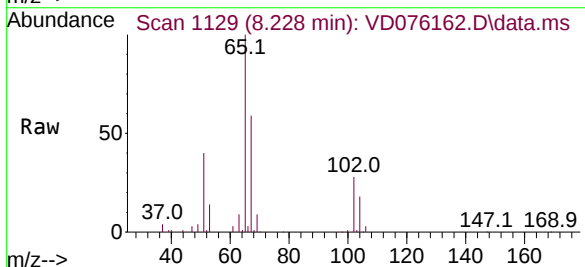
Instrument :
MSVOA_D
ClientSampleId :
TP7

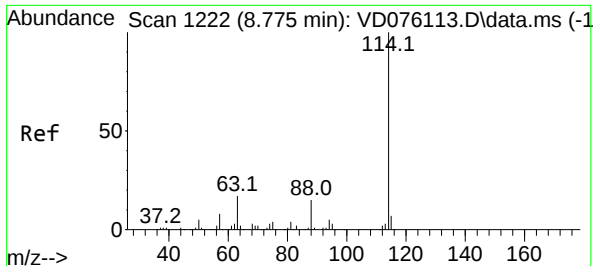
Tgt Ion:168 Resp: 233306
Ion Ratio Lower Upper
168 100
99 52.5 43.8 65.6



#33
1,2-Dichloroethane-d4
Concen: 59.651 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD076162.D
Acq: 19 May 2023 18:10

Tgt Ion: 65 Resp: 134503
Ion Ratio Lower Upper
65 100
67 55.4 0.0 102.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD076162.D

Acq: 19 May 2023 18:10

Instrument :

MSVOA_D

ClientSampleId :

TP7

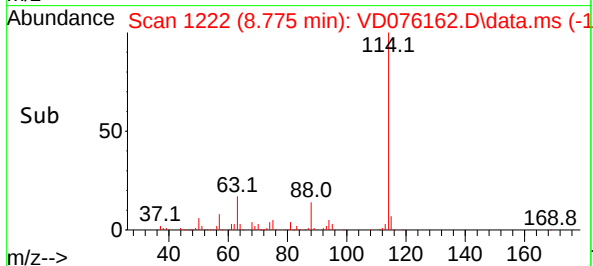
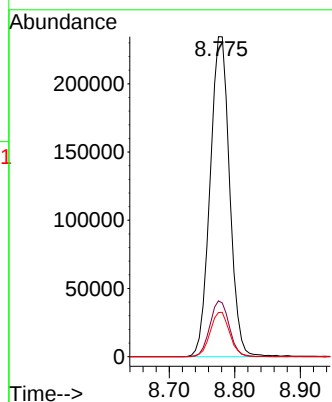
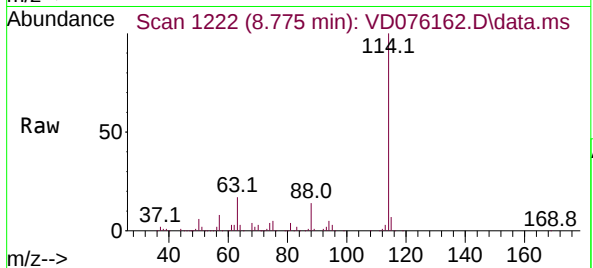
Tgt Ion:114 Resp: 485021

Ion Ratio Lower Upper

114 100

63 17.4 0.0 41.6

88 13.8 0.0 30.6



#35

Dibromofluoromethane

Concen: 50.536 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD076162.D

Acq: 19 May 2023 18:10

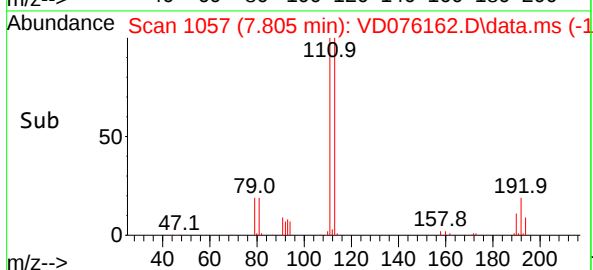
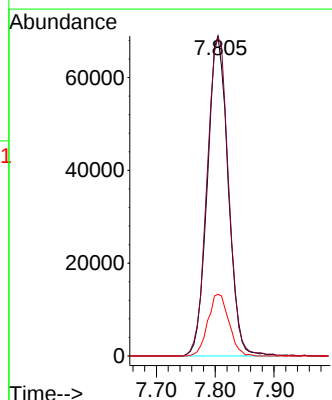
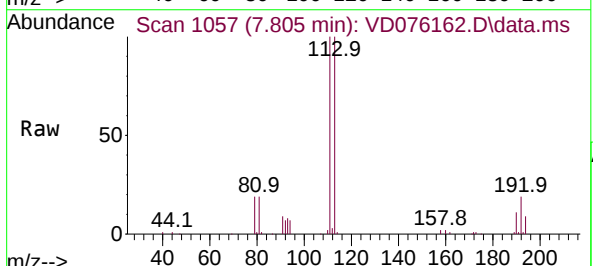
Tgt Ion:113 Resp: 169423

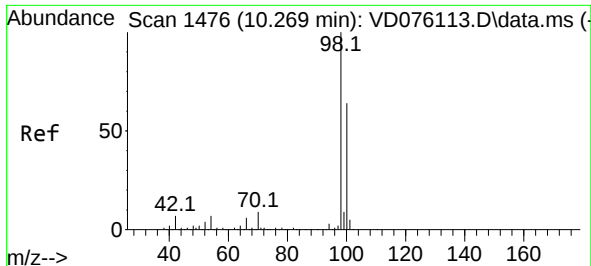
Ion Ratio Lower Upper

113 100

111 103.1 81.4 122.0

192 19.4 15.2 22.8

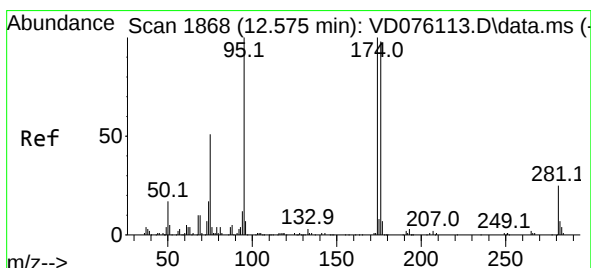
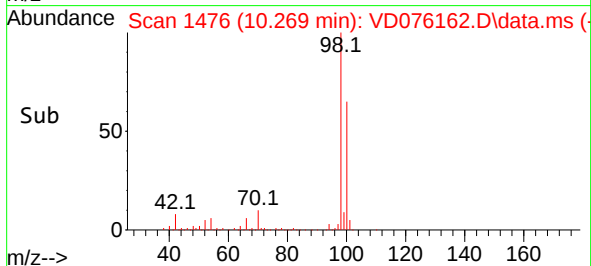
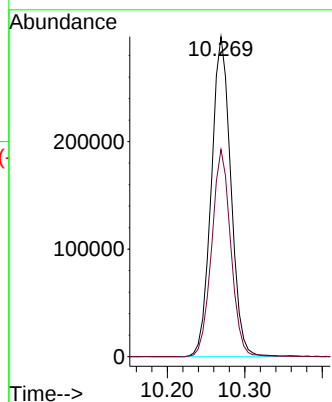
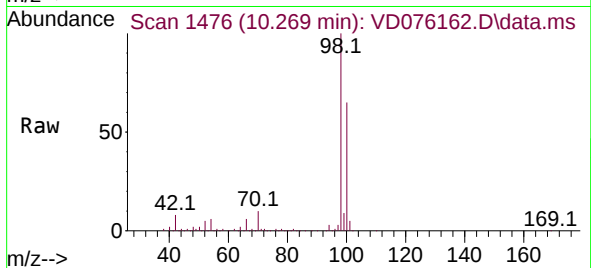




#50
Toluene-d8
Concen: 39.845 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076162.D
Acq: 19 May 2023 18:10

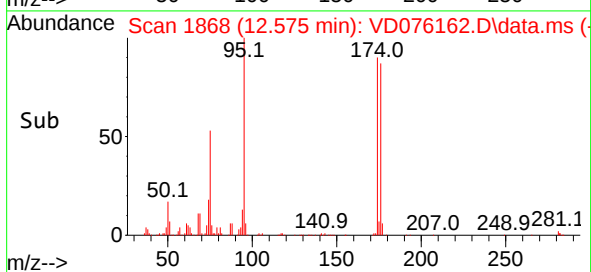
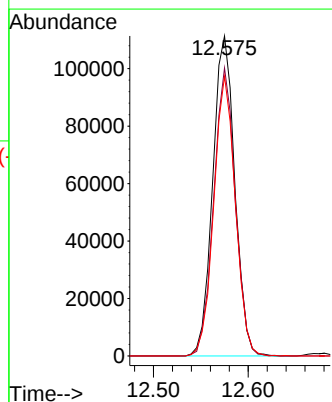
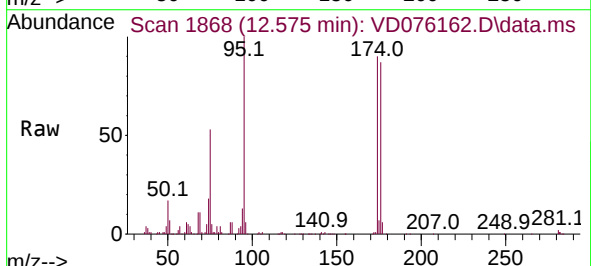
Instrument :
MSVOA_D
ClientSampleId :
TP7

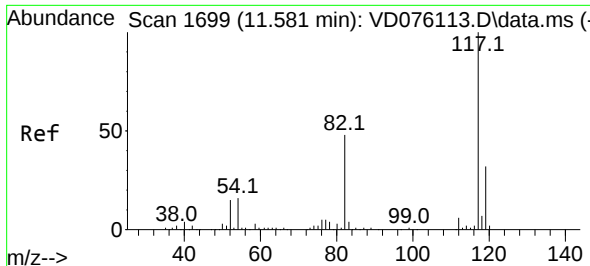
Tgt Ion: 98 Resp: 520735
Ion Ratio Lower Upper
98 100
100 63.5 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 49.617 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076162.D
Acq: 19 May 2023 18:10

Tgt Ion: 95 Resp: 180131
Ion Ratio Lower Upper
95 100
174 88.0 0.0 164.0
176 85.5 0.0 156.8

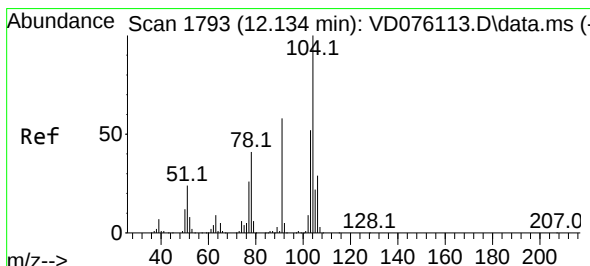
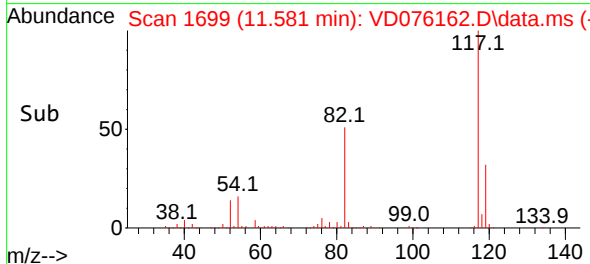
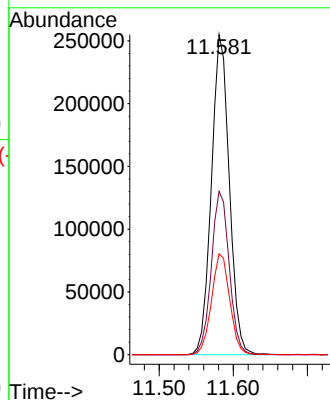
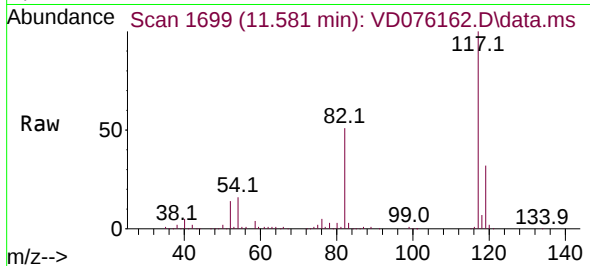




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD076162.D
Acq: 19 May 2023 18:10

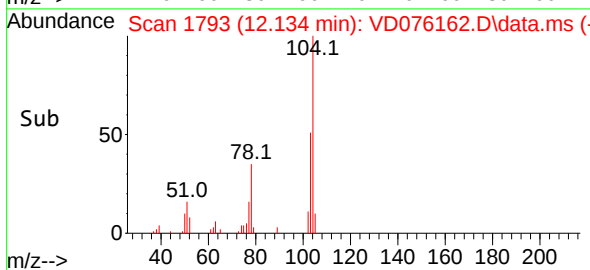
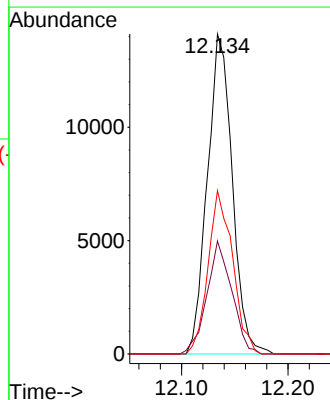
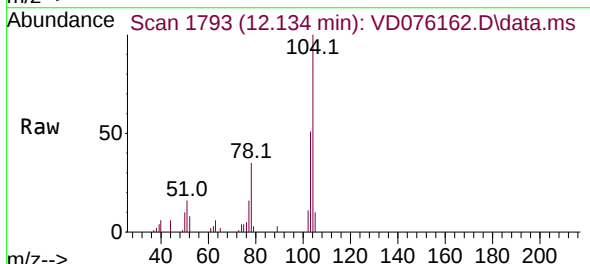
Instrument :
MSVOA_D
ClientSampleId :
TP7

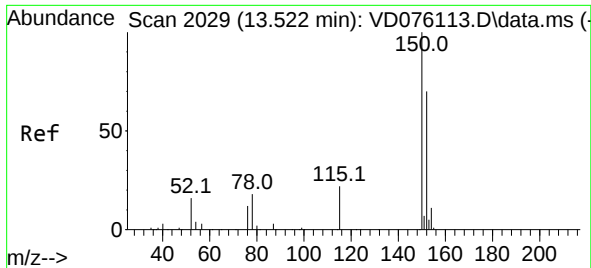
Tgt Ion:117 Resp: 426937
Ion Ratio Lower Upper
117 100
82 51.1 44.0 66.0
119 31.6 25.1 37.7



#70
Styrene
Concen: 2.282 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VD076162.D
Acq: 19 May 2023 18:10

Tgt Ion:104 Resp: 22919
Ion Ratio Lower Upper
104 100
78 35.3 40.2 60.4#
103 50.4 44.2 66.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 20

Delta R.T. -0.006 min

Lab File: VD076162.D

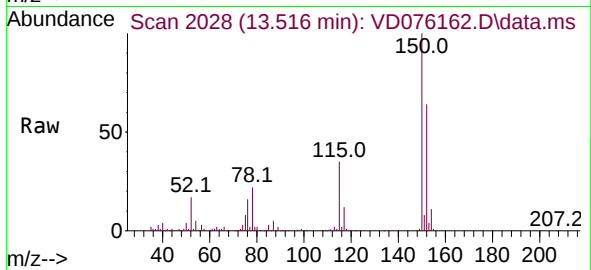
Acq: 19 May 2023 18:10

Instrument :

MSVOA_D

ClientSampleId :

TP7



Tgt Ion:152 Resp: 168178

Ion Ratio Lower Upper

152 100

115 54.3 30.1 90.3

150 154.7 0.0 364.8

