

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062123\
 Data File : VD076513.D
 Acq On : 21 Jun 2023 15:21
 Operator : KP/SY
 Sample : 03336-13
 Misc : 5.23G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-2

Quant Time: Jun 22 01:59:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061623S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 19 04:51:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	150140	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	265639	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	243102	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	102907	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	74932	49.813	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.620%
35) Dibromofluoromethane	7.805	113	81673	51.755	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.500%
50) Toluene-d8	10.269	98	312862	52.276	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	104.560%
62) 4-Bromofluorobenzene	12.575	95	91108	46.907	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	93.820%

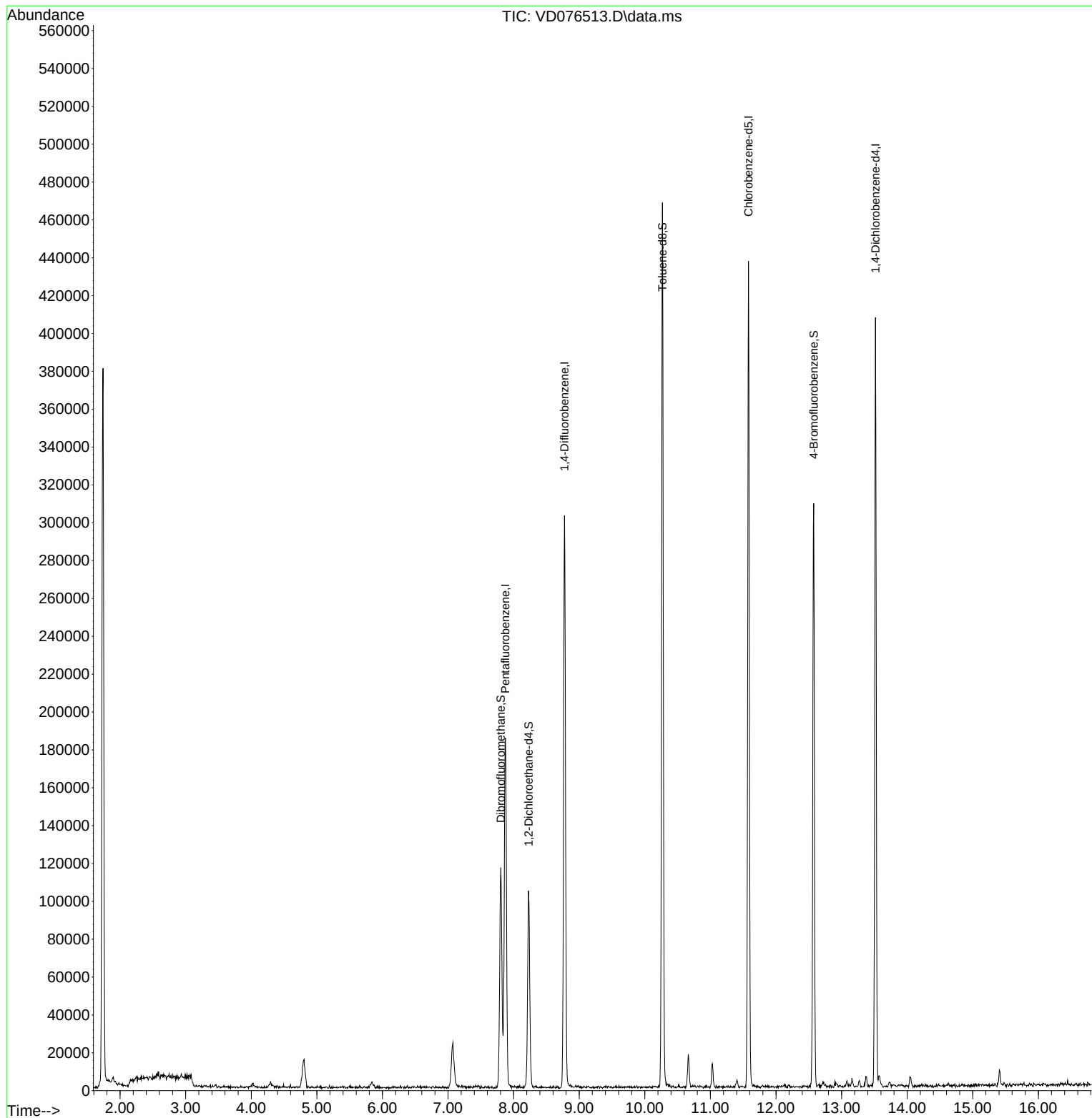
Target Compounds	Qvalue

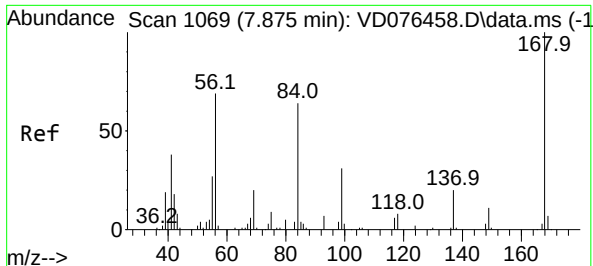
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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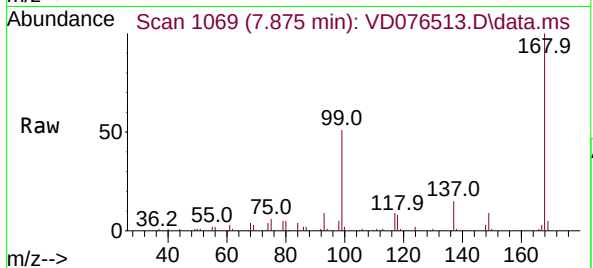
Quant Time: Jun 22 01:59:37 2023
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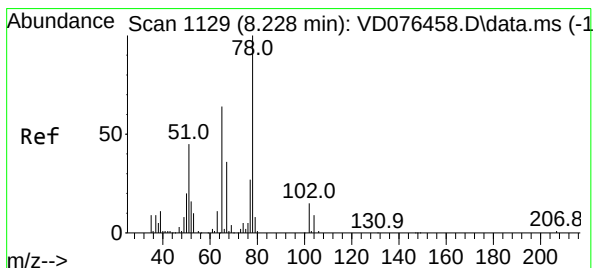
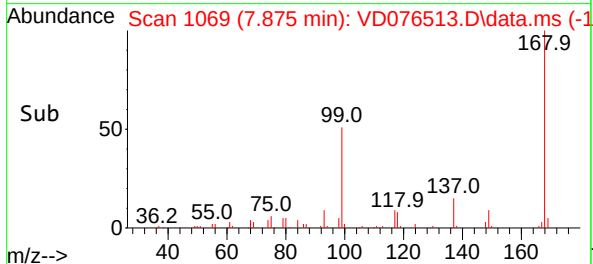
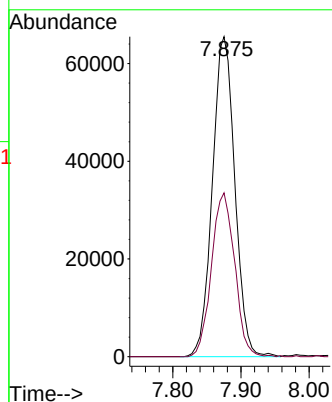


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076513.D
Acq: 21 Jun 2023 15:21

Instrument :
MSVOA_D
ClientSampleId :
WC-2

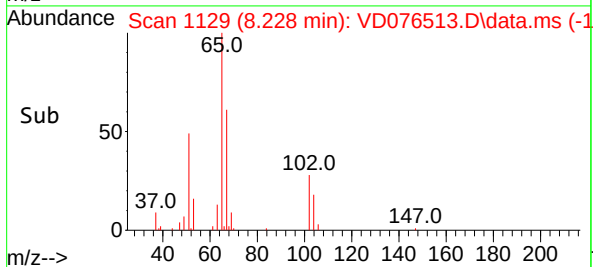
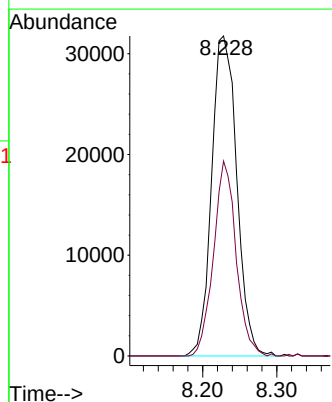
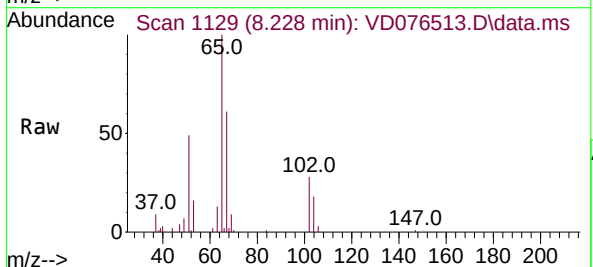


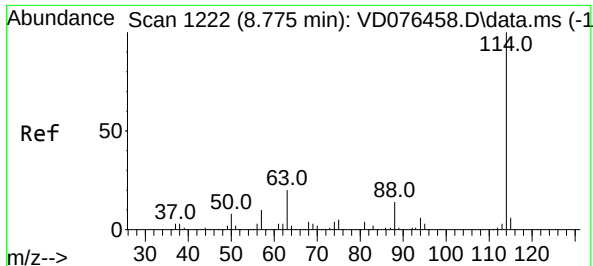
Tgt Ion:168 Resp: 150140
Ion Ratio Lower Upper
168 100
99 51.2 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 49.813 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD076513.D
Acq: 21 Jun 2023 15:21

Tgt Ion: 65 Resp: 74932
Ion Ratio Lower Upper
65 100
67 54.7 0.0 115.0

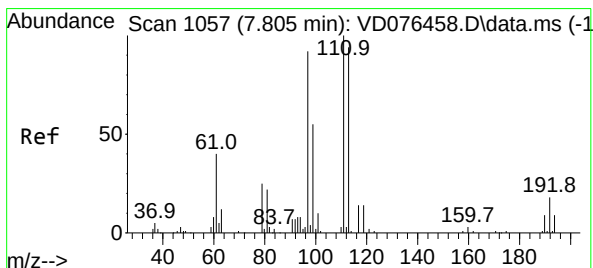
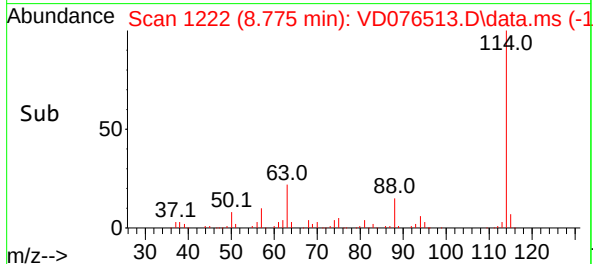
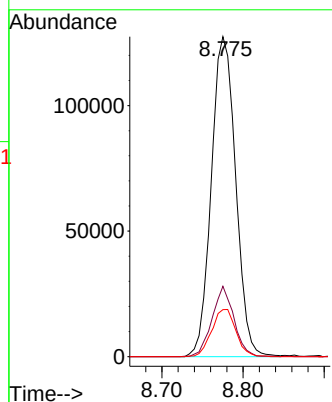
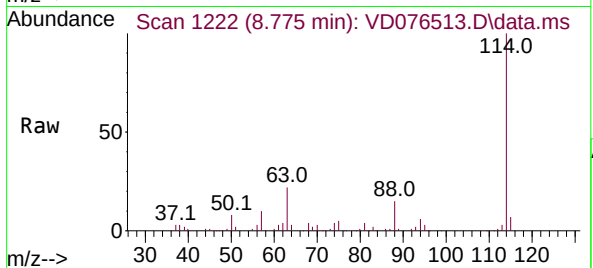




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 114
Delta R.T. -0.000 min
Lab File: VD076513.D
Acq: 21 Jun 2023 15:21

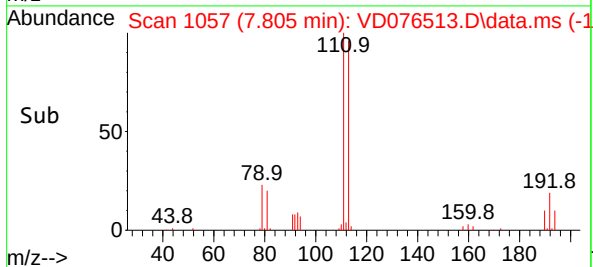
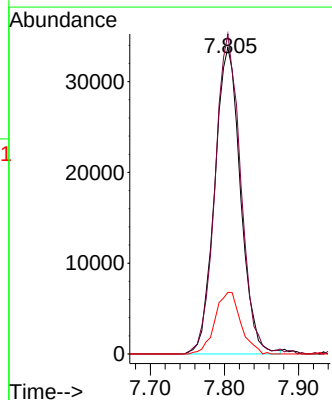
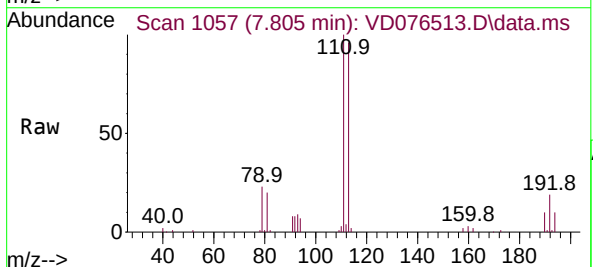
Instrument :
MSVOA_D
ClientSampleId :
WC-2

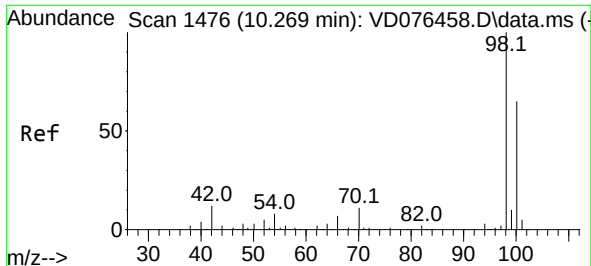
Tgt Ion:114 Resp: 265639
Ion Ratio Lower Upper
114 100
63 22.0 0.0 33.4
88 14.7 0.0 26.2



#35
Dibromofluoromethane
Concen: 51.755 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD076513.D
Acq: 21 Jun 2023 15:21

Tgt Ion:113 Resp: 81673
Ion Ratio Lower Upper
113 100
111 102.9 84.7 127.1
192 20.1 16.8 25.2

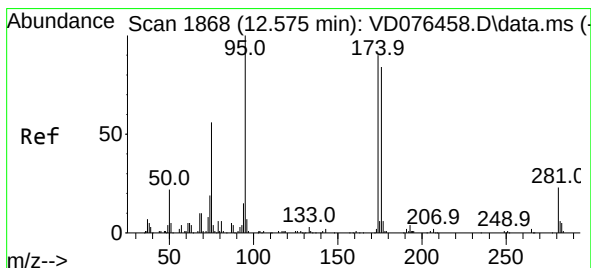
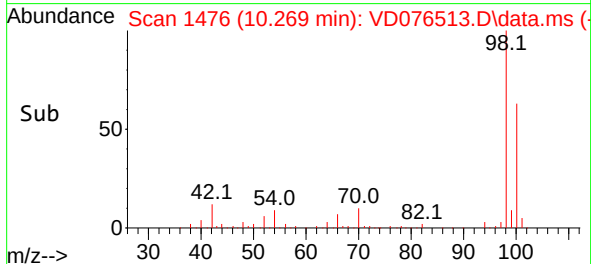
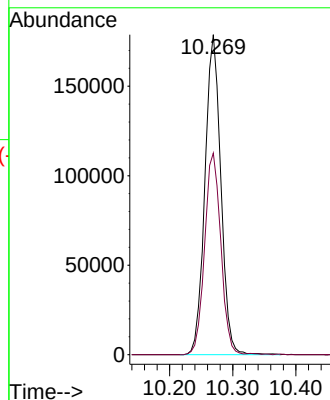
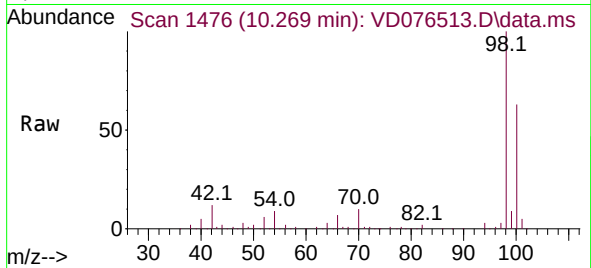




#50
Toluene-d8
Concen: 52.276 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD076513.D
Acq: 21 Jun 2023 15:21

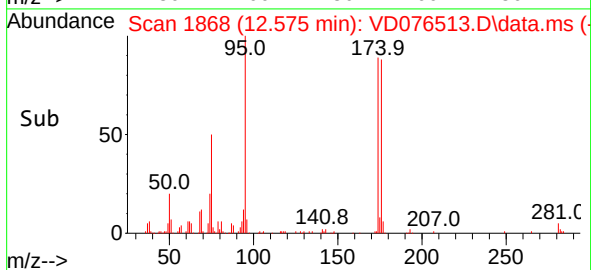
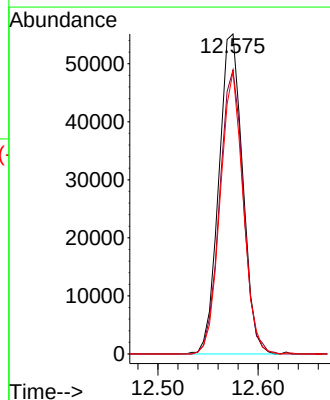
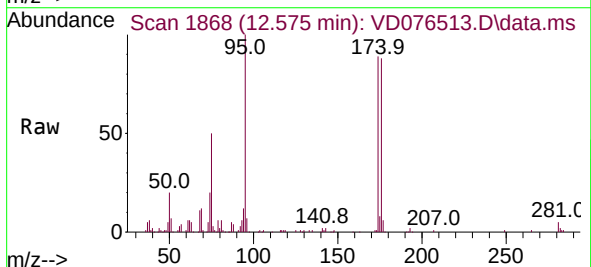
Instrument :
MSVOA_D
ClientSampleId :
WC-2

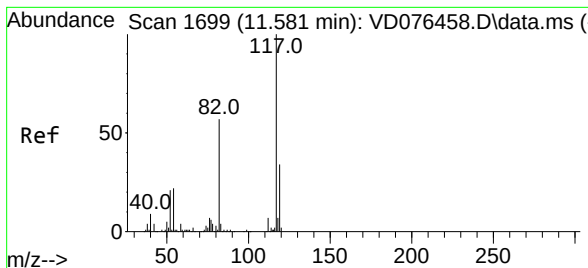
Tgt Ion: 98 Resp: 312862
Ion Ratio Lower Upper
98 100
100 64.0 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 46.907 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076513.D
Acq: 21 Jun 2023 15:21

Tgt Ion: 95 Resp: 91108
Ion Ratio Lower Upper
95 100
174 87.8 0.0 201.8
176 84.4 0.0 191.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1699

Delta R.T. -0.000 min

Lab File: VD076513.D

Acq: 21 Jun 2023 15:21

Instrument :

MSVOA_D

ClientSampleId :

WC-2

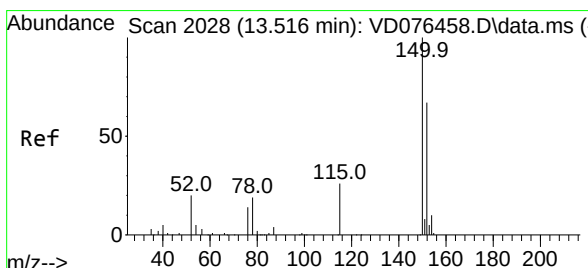
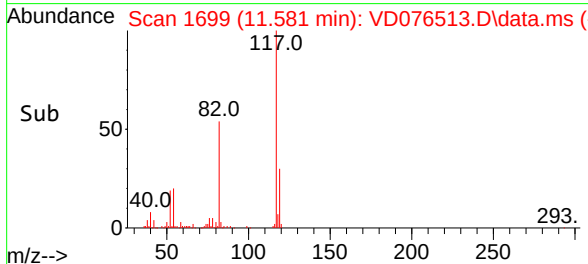
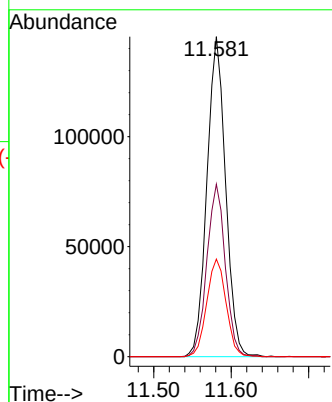
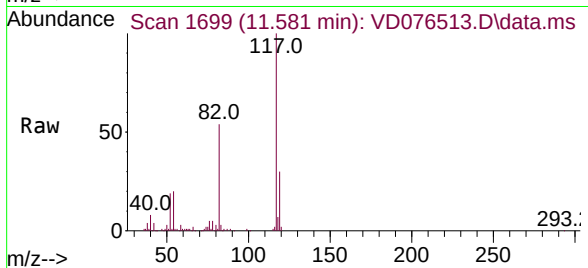
Tgt Ion:117 Resp: 243102

Ion Ratio Lower Upper

117 100

82 53.9 38.3 57.5

119 30.5 25.0 37.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 2028

Delta R.T. -0.000 min

Lab File: VD076513.D

Acq: 21 Jun 2023 15:21

Tgt Ion:152 Resp: 102907

Ion Ratio Lower Upper

152 100

115 57.9 27.1 81.3

150 159.0 0.0 353.6

