

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062323\
 Data File : VD076552.D
 Acq On : 23 Jun 2023 12:06
 Operator : KP/SY
 Sample : VD0623SBL01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0623SBL01

Quant Time: Jun 23 16:32:17 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	115240	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	201976	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	180286	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	85440	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	60037	51.998	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.000%
35) Dibromofluoromethane	7.804	113	63041	52.540	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.080%
50) Toluene-d8	10.269	98	232921	51.186	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.380%
62) 4-Bromofluorobenzene	12.575	95	73845	50.003	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	100.000%

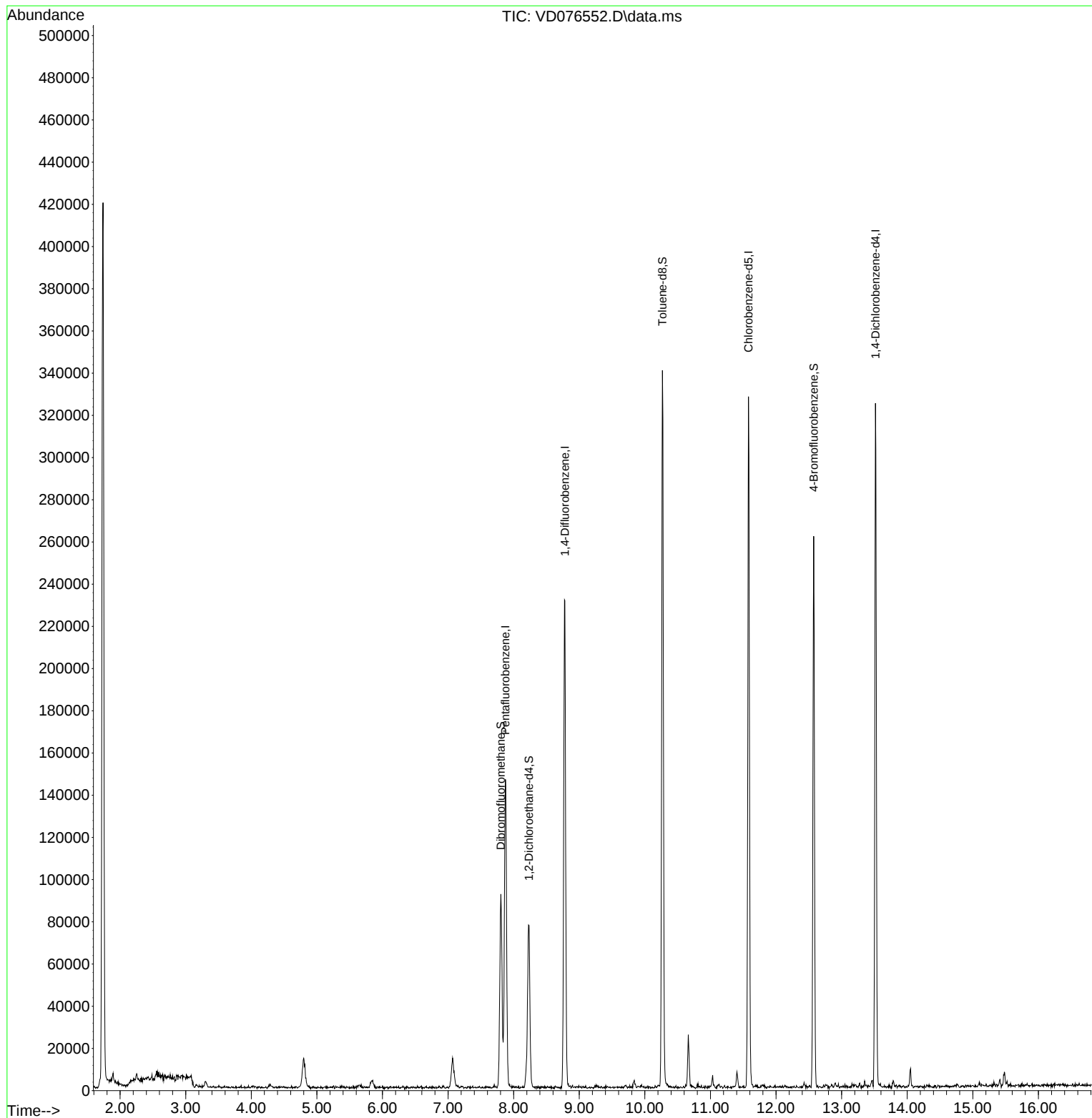
Target Compounds	Qvalue

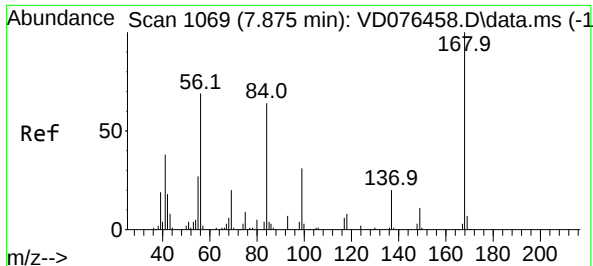
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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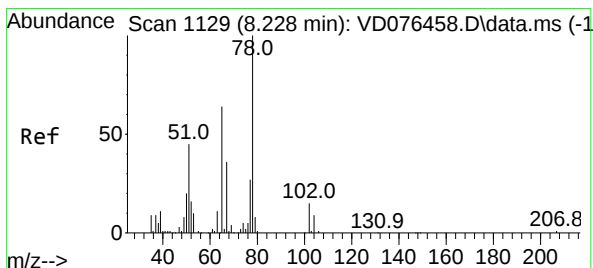
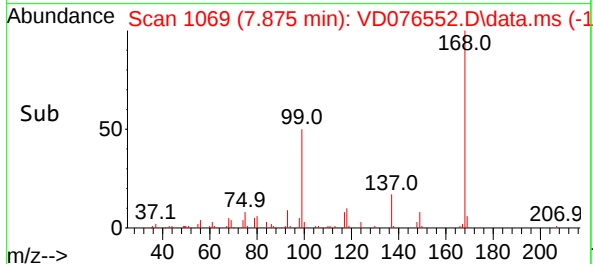
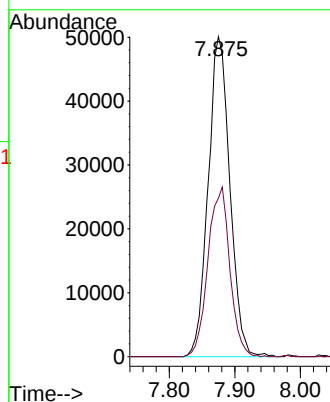
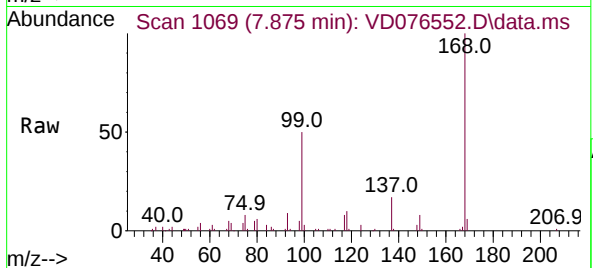




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 110
Delta R.T. 0.000 min
Lab File: VD076552.D
Acq: 23 Jun 2023 12:06

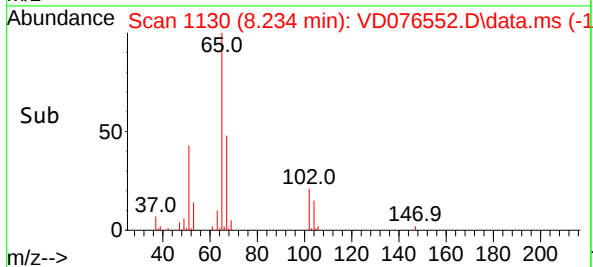
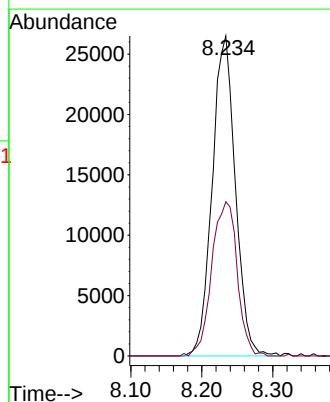
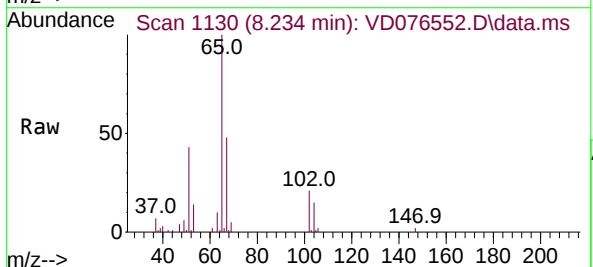
Instrument :
MSVOA_D
ClientSampleId :
VD0623SBL01

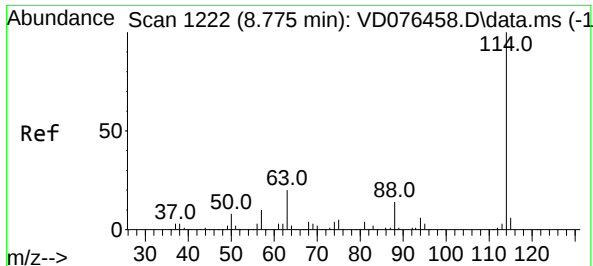
Tgt Ion:168 Resp: 115240
Ion Ratio Lower Upper
168 100
99 49.6 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 51.998 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD076552.D
Acq: 23 Jun 2023 12:06

Tgt Ion: 65 Resp: 60037
Ion Ratio Lower Upper
65 100
67 52.8 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD076552.D

Acq: 23 Jun 2023 12:06

Instrument :

MSVOA_D

ClientSampleId :

VD0623SBL01

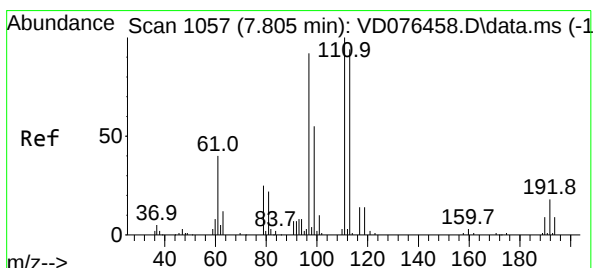
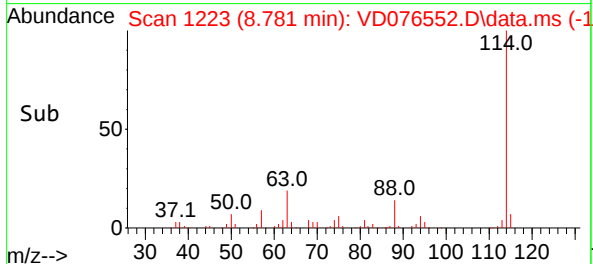
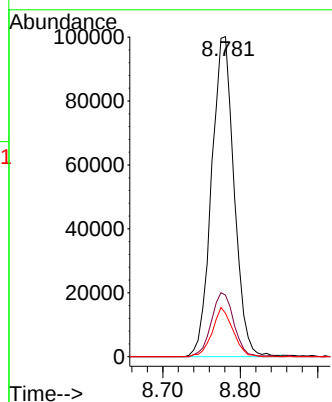
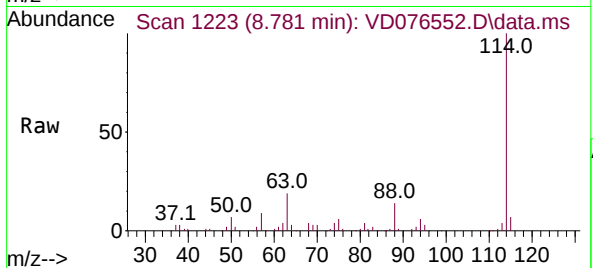
Tgt Ion:114 Resp: 201976

Ion Ratio Lower Upper

114 100

63 19.3 0.0 33.4

88 13.5 0.0 26.2



#35

Dibromofluoromethane

Concen: 52.540 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD076552.D

Acq: 23 Jun 2023 12:06

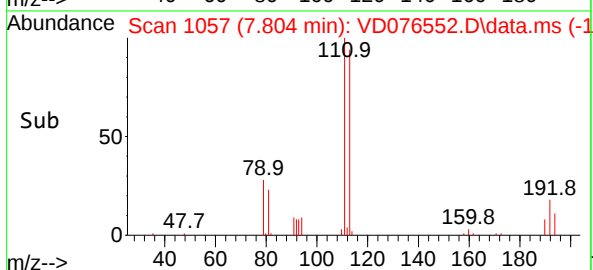
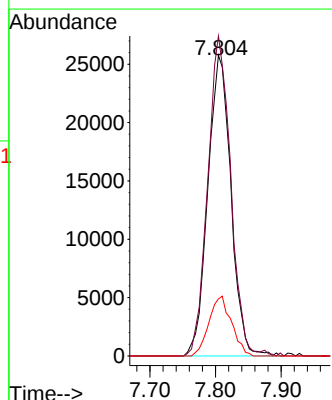
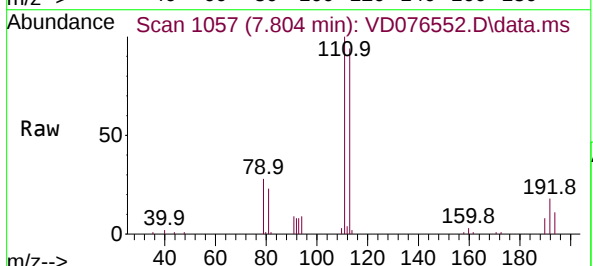
Tgt Ion:113 Resp: 63041

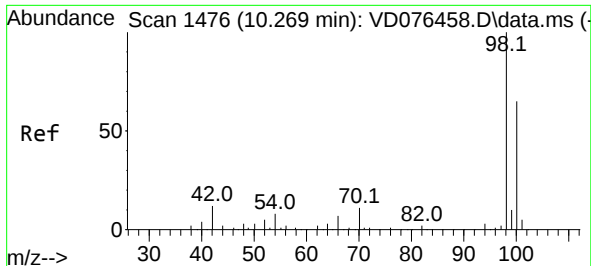
Ion Ratio Lower Upper

113 100

111 105.8 84.7 127.1

192 19.4 16.8 25.2

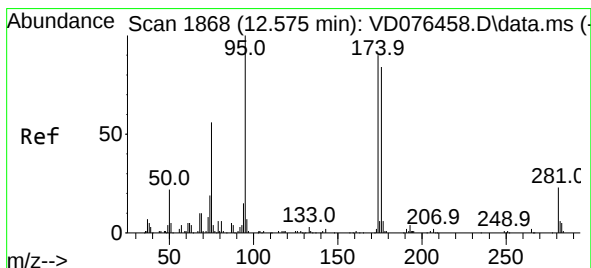
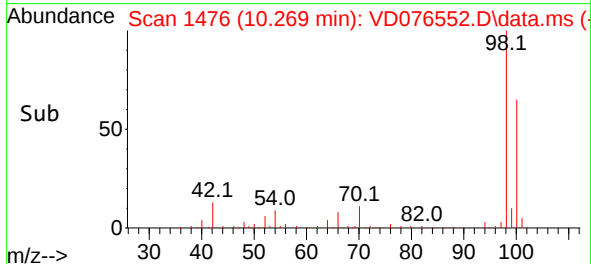
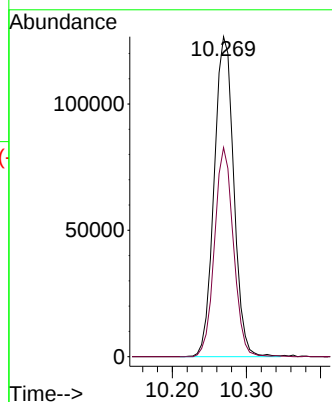
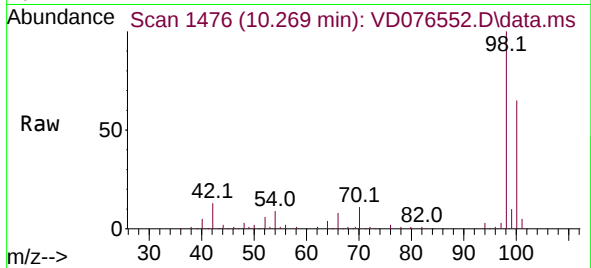




#50
Toluene-d8
Concen: 51.186 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD076552.D
Acq: 23 Jun 2023 12:06

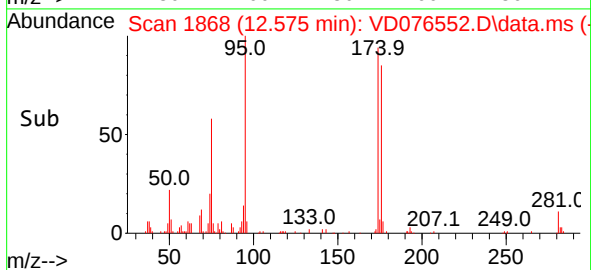
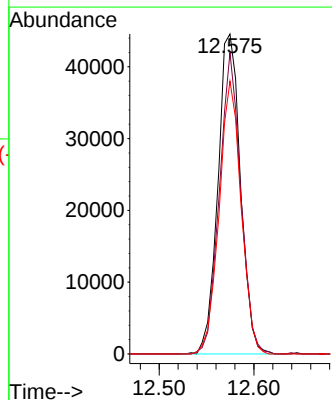
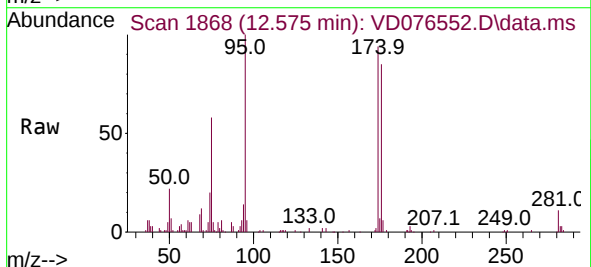
Instrument :
MSVOA_D
ClientSampleId :
VD0623SBL01

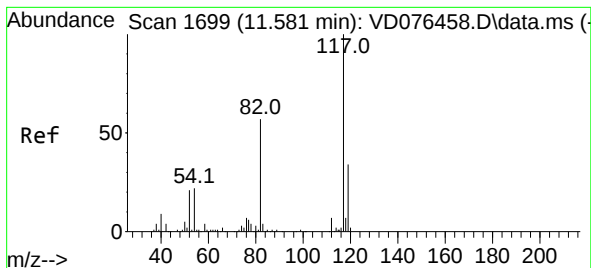
Tgt Ion: 98 Resp: 232921
Ion Ratio Lower Upper
98 100
100 62.8 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 50.003 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076552.D
Acq: 23 Jun 2023 12:06

Tgt Ion: 95 Resp: 73845
Ion Ratio Lower Upper
95 100
174 88.9 0.0 201.8
176 83.0 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: VD076552.D

Acq: 23 Jun 2023 12:06

Instrument :

MSVOA_D

ClientSampleId :

VD0623SBL01

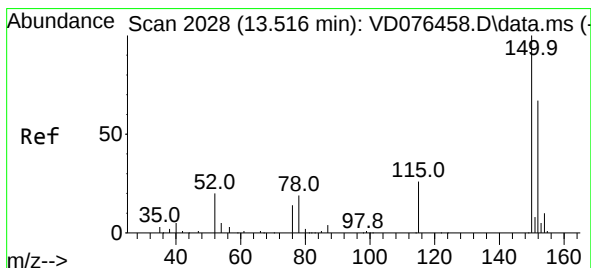
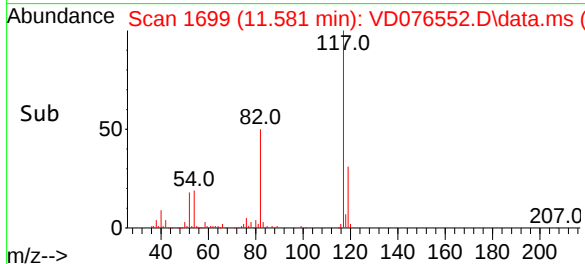
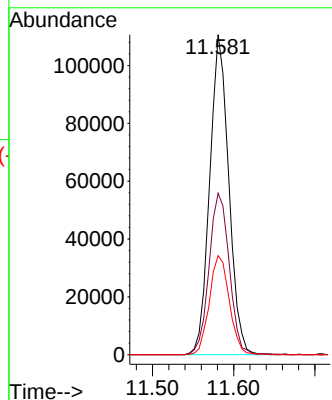
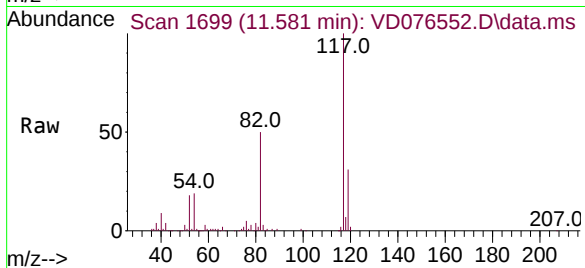
Tgt Ion:117 Resp: 180286

Ion Ratio Lower Upper

117 100

82 50.4 38.3 57.5

119 30.9 25.0 37.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 2028

Delta R.T. -0.000 min

Lab File: VD076552.D

Acq: 23 Jun 2023 12:06

Tgt Ion:152 Resp: 85440

Ion Ratio Lower Upper

152 100

115 53.1 27.1 81.3

150 151.2 0.0 353.6

