

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062123\
 Data File : VD076506.D
 Acq On : 21 Jun 2023 11:53
 Operator : KP/SY
 Sample : VD0621SBL01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0621SBL01

Quant Time: Jun 22 01:55:46 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	113985	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	206796	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	189129	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	84638	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	54897	48.070	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.140%
35) Dibromofluoromethane	7.799	113	59257	48.235	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.460%
50) Toluene-d8	10.269	98	214954	46.137	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	92.280%
62) 4-Bromofluorobenzene	12.569	95	67282	44.497	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	89.000%

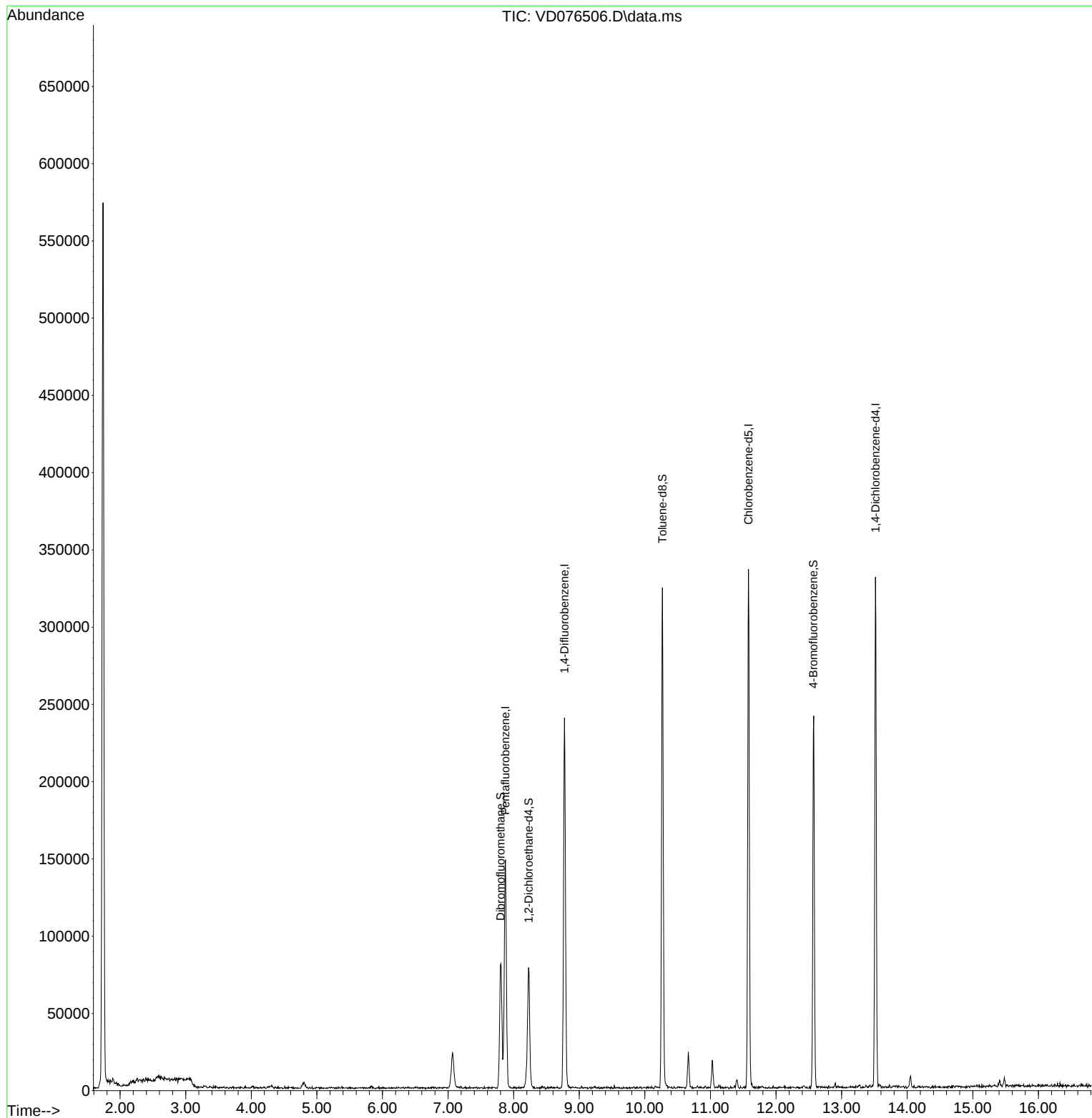
Target Compounds	Qvalue

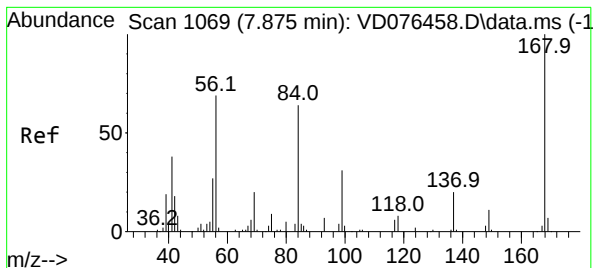
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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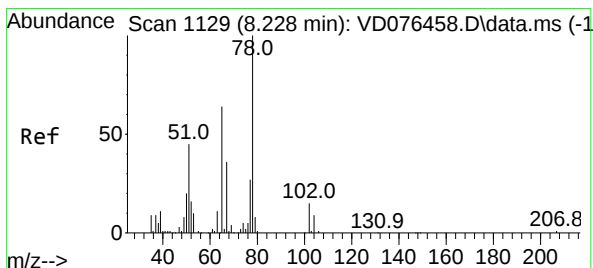
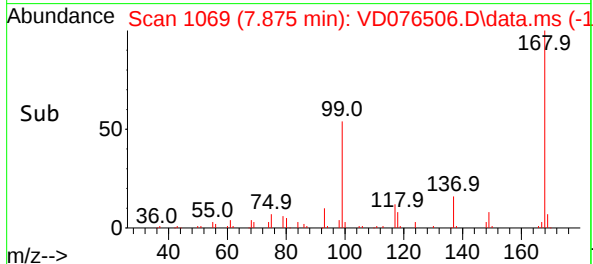
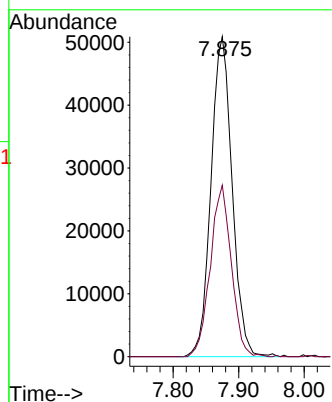
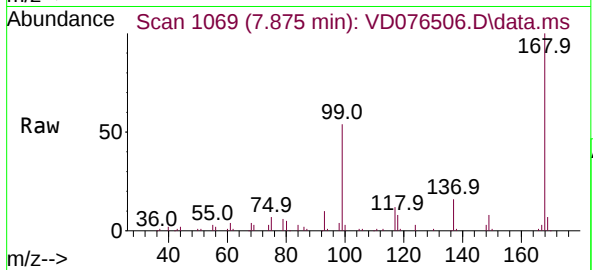




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076506.D
Acq: 21 Jun 2023 11:53

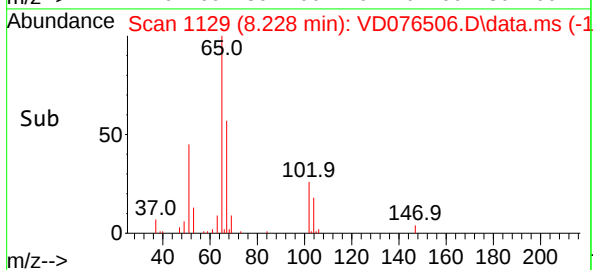
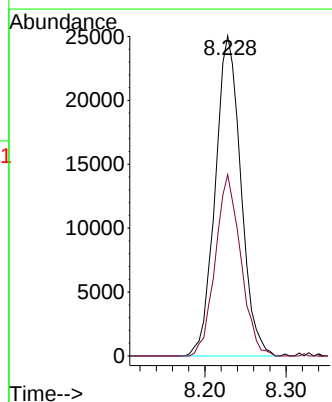
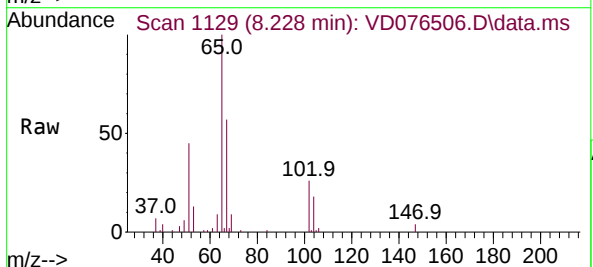
Instrument :
MSVOA_D
ClientSampleId :
VD0621SBL01

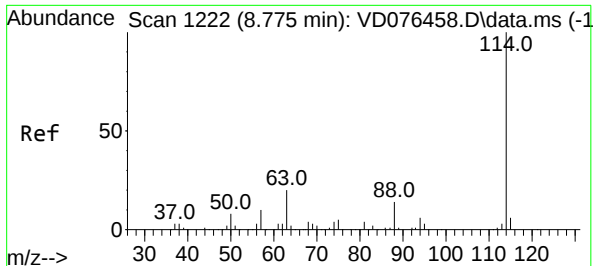
Tgt Ion:168 Resp: 113985
Ion Ratio Lower Upper
168 100
99 53.6 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 48.070 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD076506.D
Acq: 21 Jun 2023 11:53

Tgt Ion: 65 Resp: 54897
Ion Ratio Lower Upper
65 100
67 56.2 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD076506.D

Acq: 21 Jun 2023 11:53

Instrument :

MSVOA_D

ClientSampleId :

VD0621SBL01

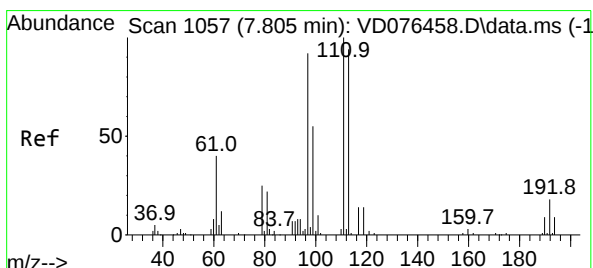
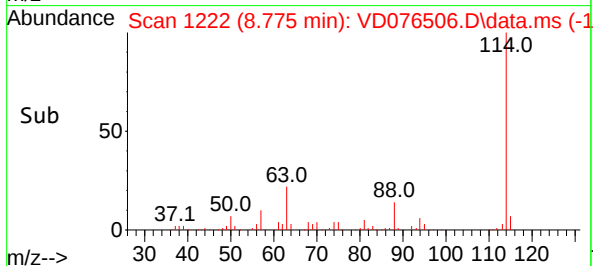
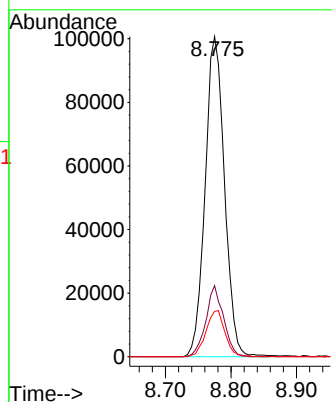
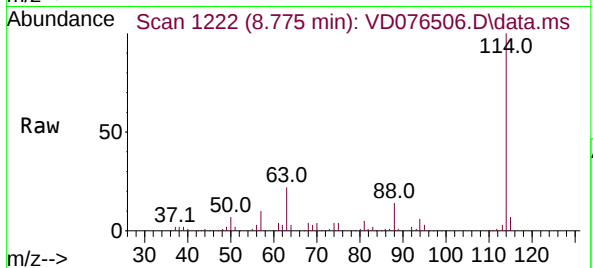
Tgt Ion:114 Resp: 206796

Ion Ratio Lower Upper

114 100

63 22.2 0.0 33.4

88 14.2 0.0 26.2



#35

Dibromofluoromethane

Concen: 48.235 ug/l

RT: 7.799 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VD076506.D

Acq: 21 Jun 2023 11:53

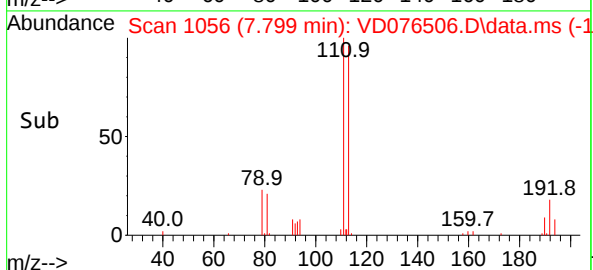
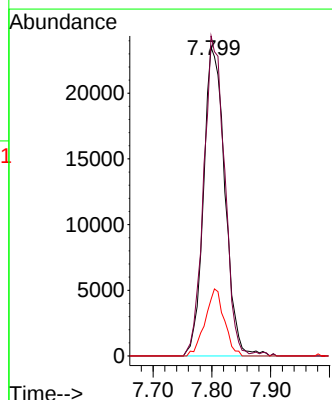
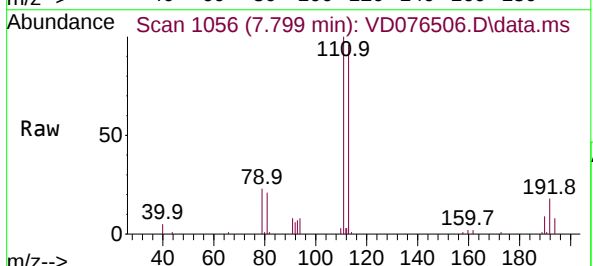
Tgt Ion:113 Resp: 59257

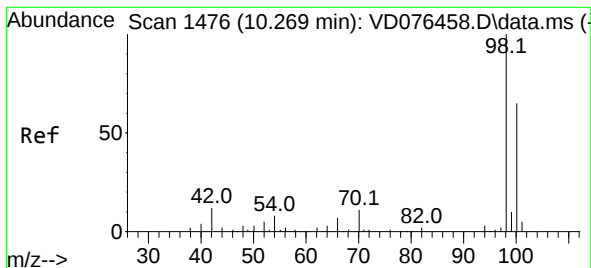
Ion Ratio Lower Upper

113 100

111 101.0 84.7 127.1

192 19.5 16.8 25.2

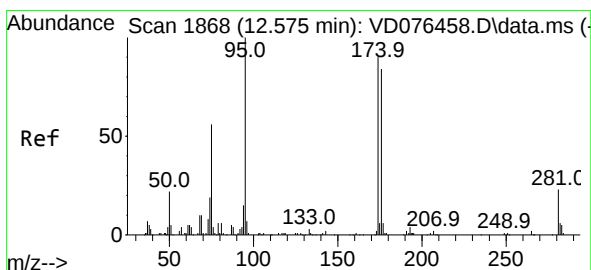
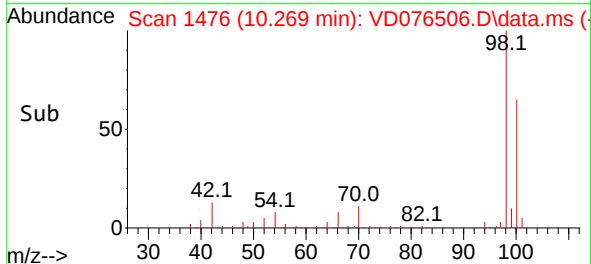
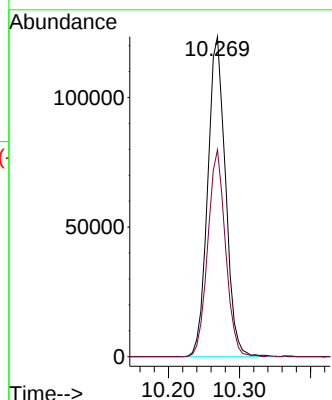
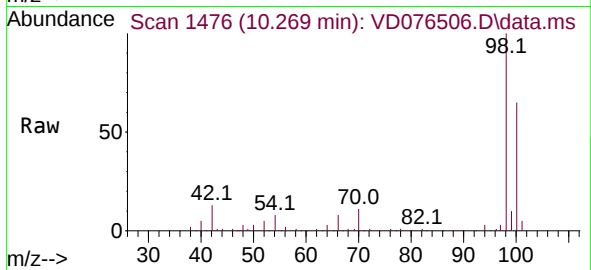




#50
Toluene-d8
Concen: 46.137 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD076506.D
Acq: 21 Jun 2023 11:53

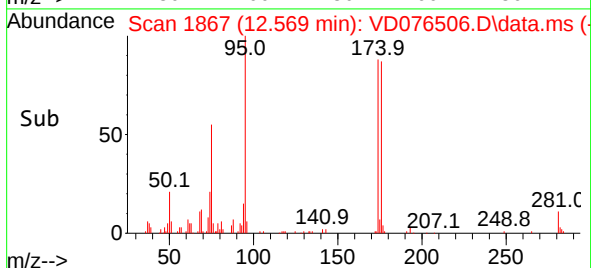
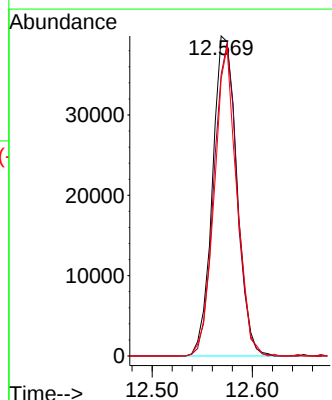
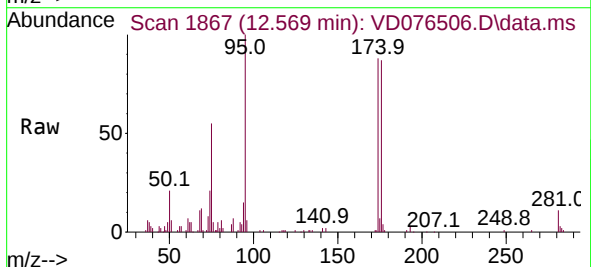
Instrument :
MSVOA_D
ClientSampleId :
VD0621SBL01

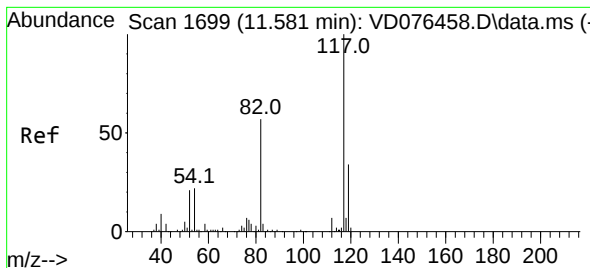
Tgt Ion: 98 Resp: 214954
Ion Ratio Lower Upper
98 100
100 64.4 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 44.497 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD076506.D
Acq: 21 Jun 2023 11:53

Tgt Ion: 95 Resp: 67282
Ion Ratio Lower Upper
95 100
174 91.8 0.0 201.8
176 88.6 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: VD076506.D

Acq: 21 Jun 2023 11:53

Instrument :

MSVOA_D

ClientSampleId :

VD0621SBL01

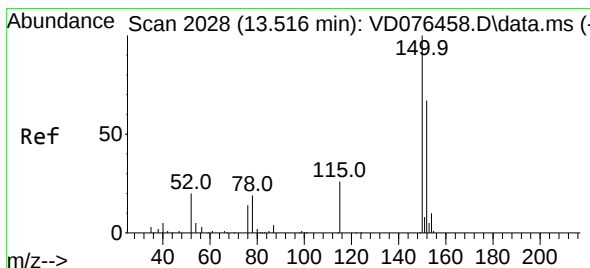
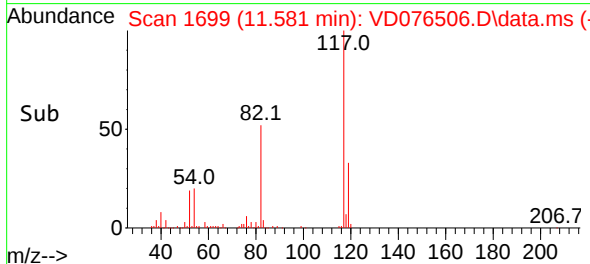
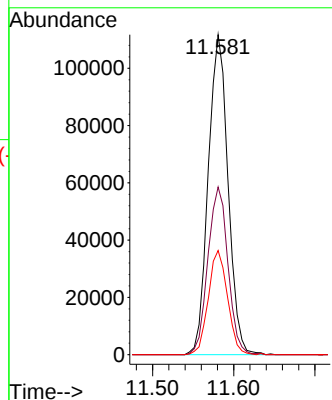
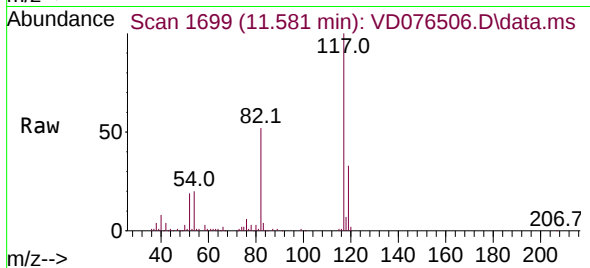
Tgt Ion:117 Resp: 189129

Ion Ratio Lower Upper

117 100

82 52.4 38.3 57.5

119 32.6 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: VD076506.D

Acq: 21 Jun 2023 11:53

Tgt Ion:152 Resp: 84638

Ion Ratio Lower Upper

152 100

115 55.5 27.1 81.3

150 160.0 0.0 353.6

