

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061423\
 Data File : VD076412.D
 Acq On : 14 Jun 2023 12:05
 Operator : KP/SY
 Sample : VD0614SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0614SBL01

Quant Time: Jun 15 05:29:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061223S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 13 02:01:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	199395	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	352601	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	310724	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	146370	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	106876	46.406	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.820%
35) Dibromofluoromethane	7.804	113	111410	48.888	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.780%
50) Toluene-d8	10.269	98	412149	47.724	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.440%
62) 4-Bromofluorobenzene	12.575	95	134731	45.476	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	90.960%

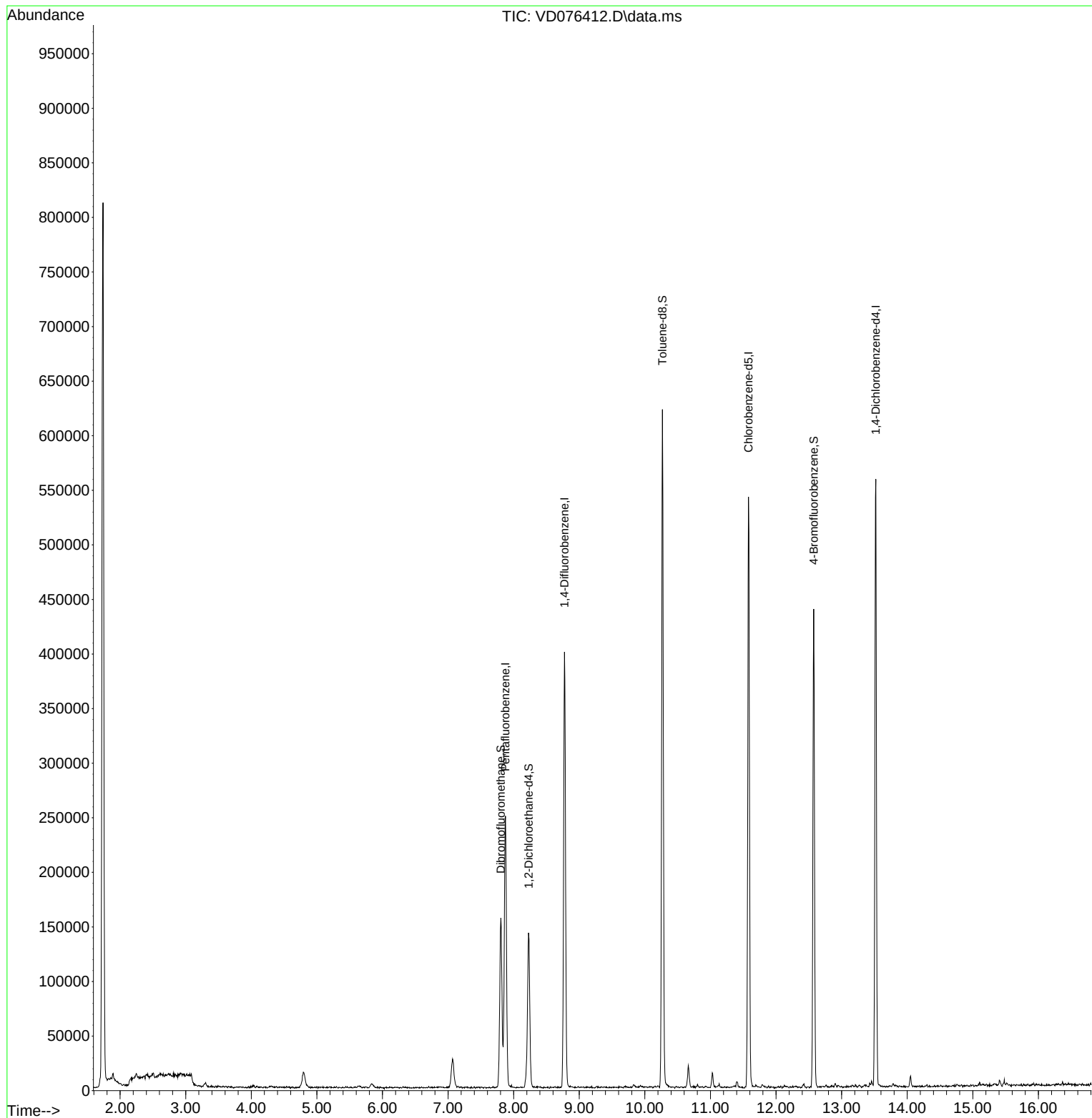
Target Compounds	Qvalue

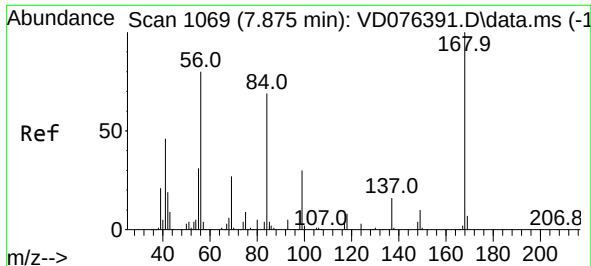
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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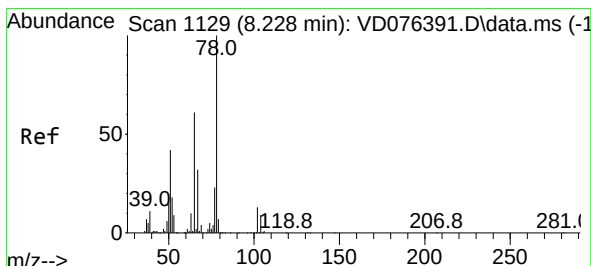
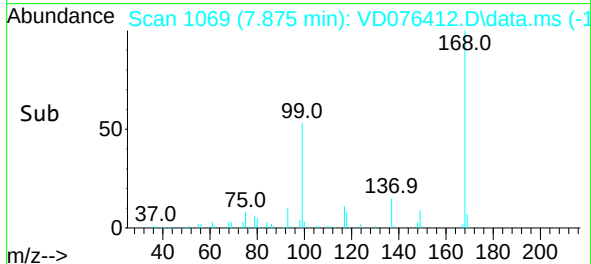
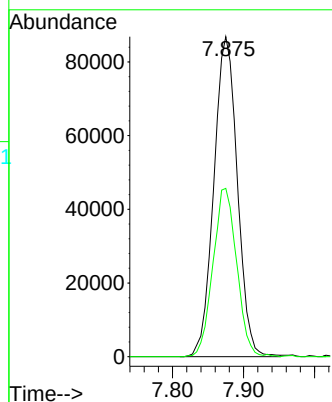
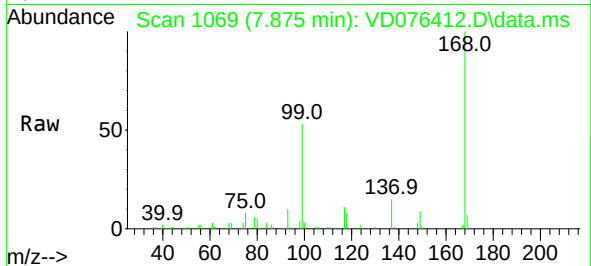




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076412.D
Acq: 14 Jun 2023 12:05

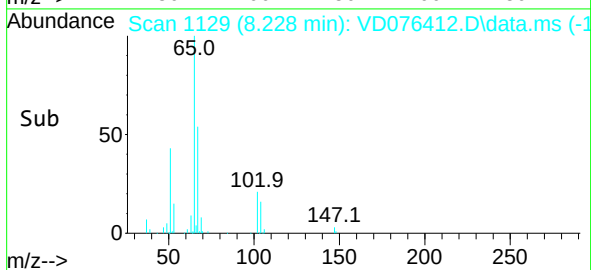
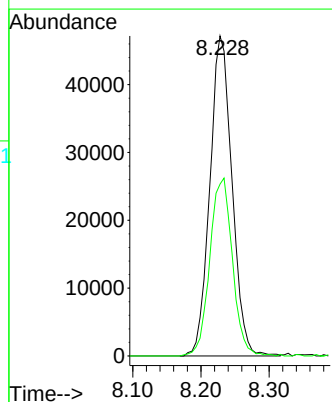
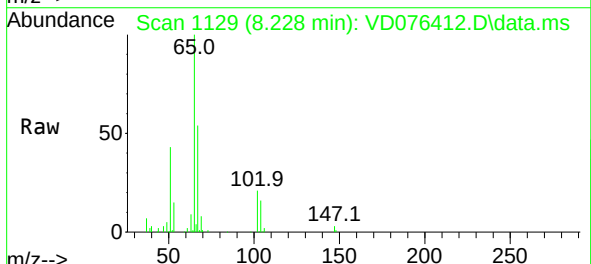
Instrument :
MSVOA_D
ClientSampleId :
VD0614SBL01

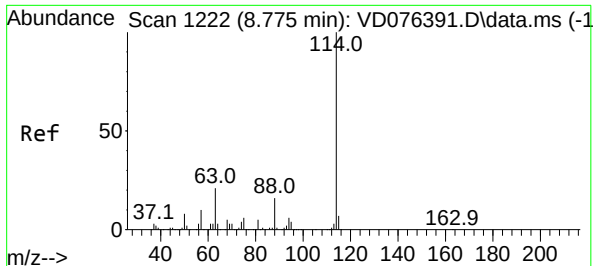
Tgt Ion:168 Resp: 199395
Ion Ratio Lower Upper
168 100
99 52.6 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 46.406 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD076412.D
Acq: 14 Jun 2023 12:05

Tgt Ion: 65 Resp: 106876
Ion Ratio Lower Upper
65 100
67 56.7 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD076412.D

Acq: 14 Jun 2023 12:05

Instrument :

MSVOA_D

ClientSampleId :

VD0614SBL01

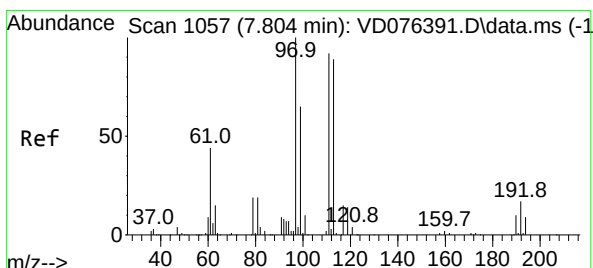
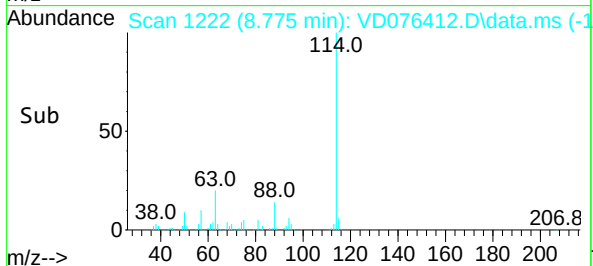
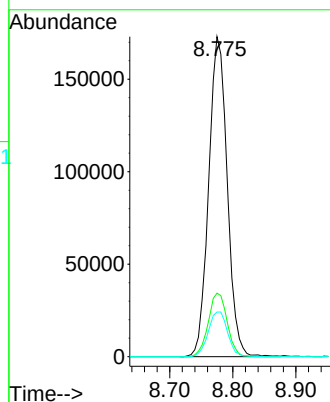
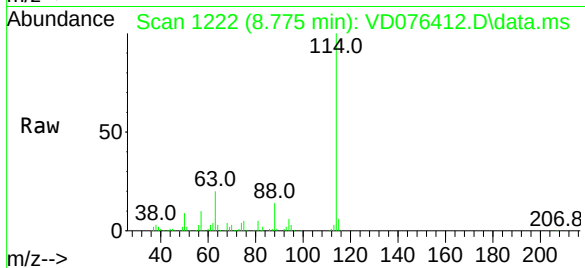
Tgt Ion:114 Resp: 352601

Ion Ratio Lower Upper

114 100

63 19.9 0.0 33.4

88 14.0 0.0 26.2



#35

Dibromofluoromethane

Concen: 48.888 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD076412.D

Acq: 14 Jun 2023 12:05

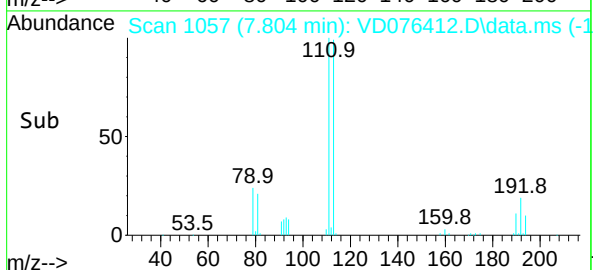
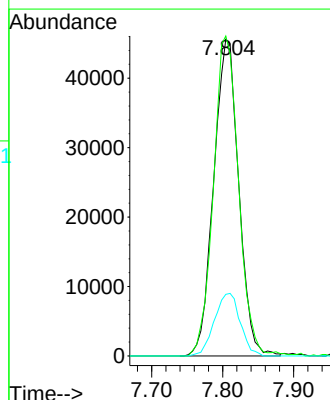
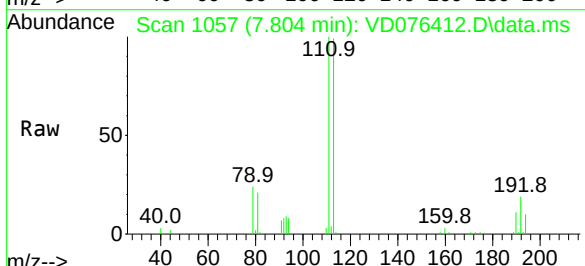
Tgt Ion:113 Resp: 111410

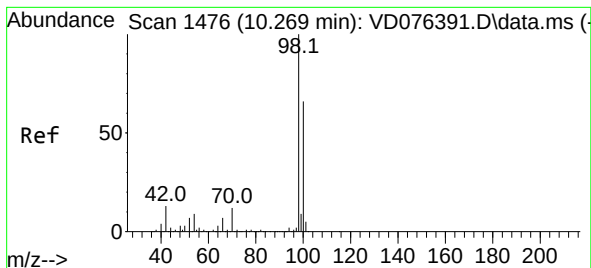
Ion Ratio Lower Upper

113 100

111 101.3 84.7 127.1

192 20.3 16.8 25.2

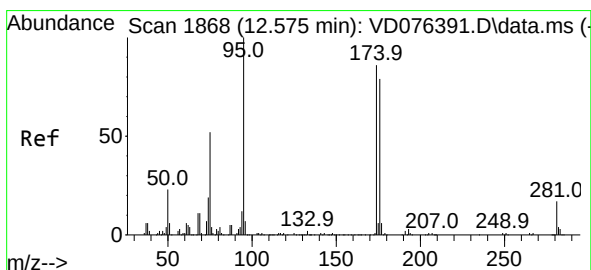
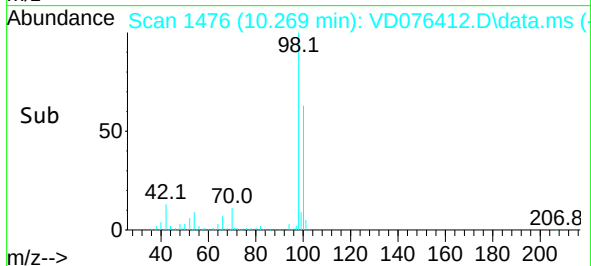
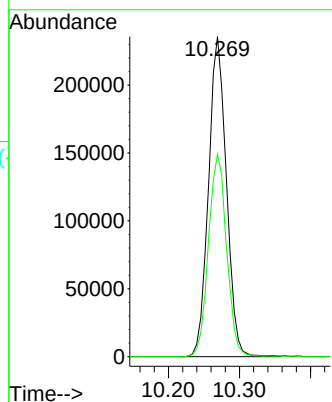
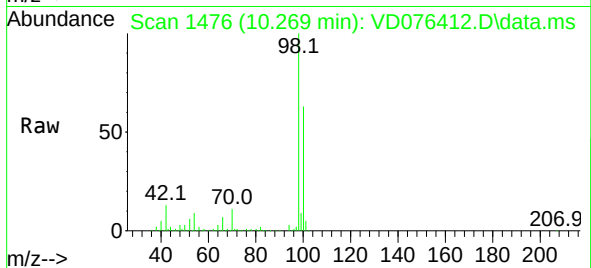




#50
Toluene-d8
Concen: 47.724 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076412.D
Acq: 14 Jun 2023 12:05

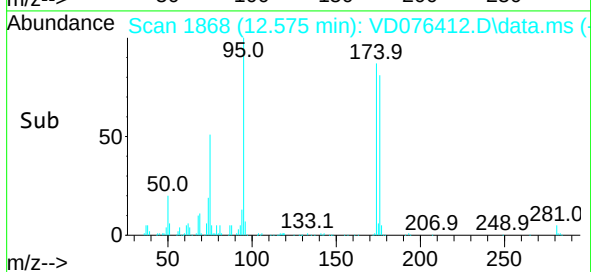
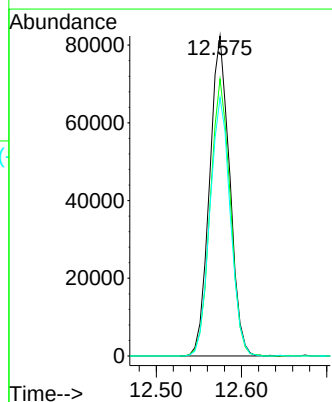
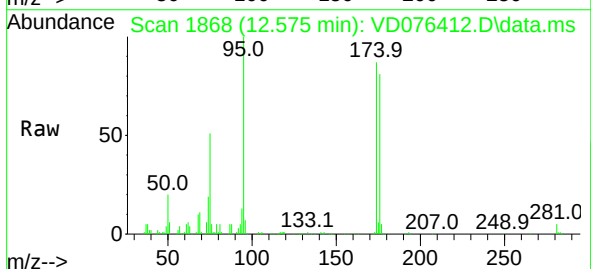
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MSVOA_D
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VD0614SBL01

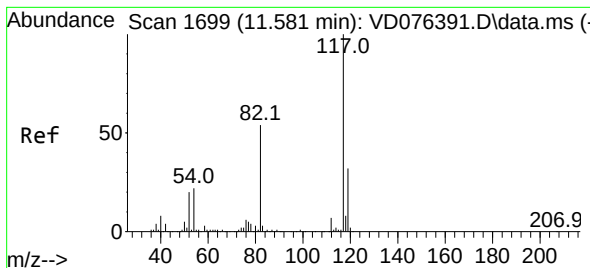
Tgt Ion: 98 Resp: 412149
Ion Ratio Lower Upper
98 100
100 64.5 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 45.476 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD076412.D
Acq: 14 Jun 2023 12:05

Tgt Ion: 95 Resp: 134731
Ion Ratio Lower Upper
95 100
174 85.8 0.0 201.8
176 81.7 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: VD076412.D

Acq: 14 Jun 2023 12:05

Instrument :

MSVOA_D

ClientSampleId :

VD0614SBL01

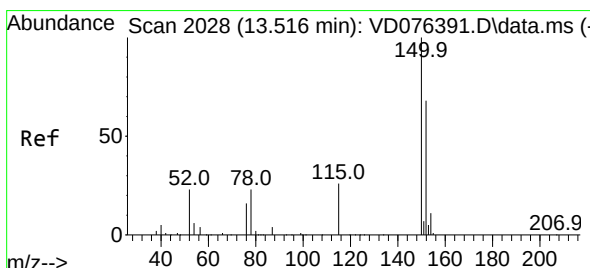
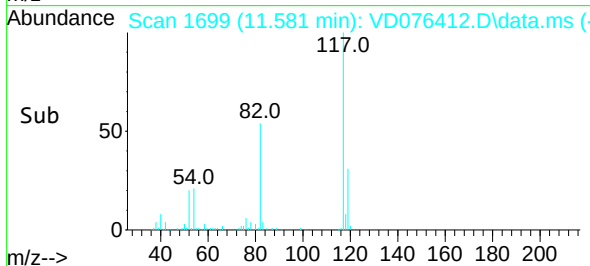
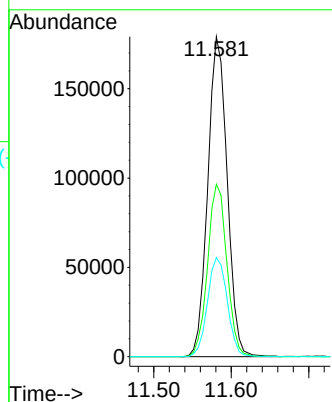
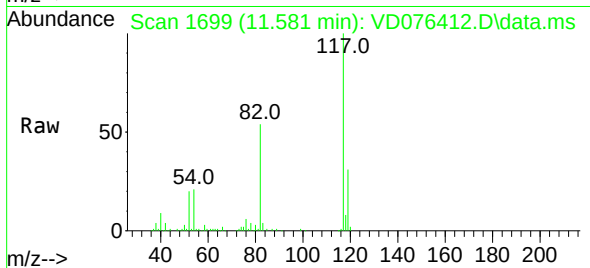
Tgt Ion:117 Resp: 310724

Ion Ratio Lower Upper

117 100

82 53.9 38.3 57.5

119 30.9 25.0 37.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.522 min Scan# 2029

Delta R.T. 0.006 min

Lab File: VD076412.D

Acq: 14 Jun 2023 12:05

Tgt Ion:152 Resp: 146370

Ion Ratio Lower Upper

152 100

115 56.7 27.1 81.3

150 156.6 0.0 353.6

