

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052323\
 Data File : VD076188.D
 Acq On : 23 May 2023 11:36
 Operator : KP/SY
 Sample : VD0523SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0523SBL01

Quant Time: May 23 15:01:59 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	164356	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	315143	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	286241	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	118810	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	87146	54.862	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	109.720%
35) Dibromofluoromethane	7.805	113	101629	46.655	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.300%
50) Toluene-d8	10.269	98	342398	40.322	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	80.640%
62) 4-Bromofluorobenzene	12.575	95	86623	36.722	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	73.440%

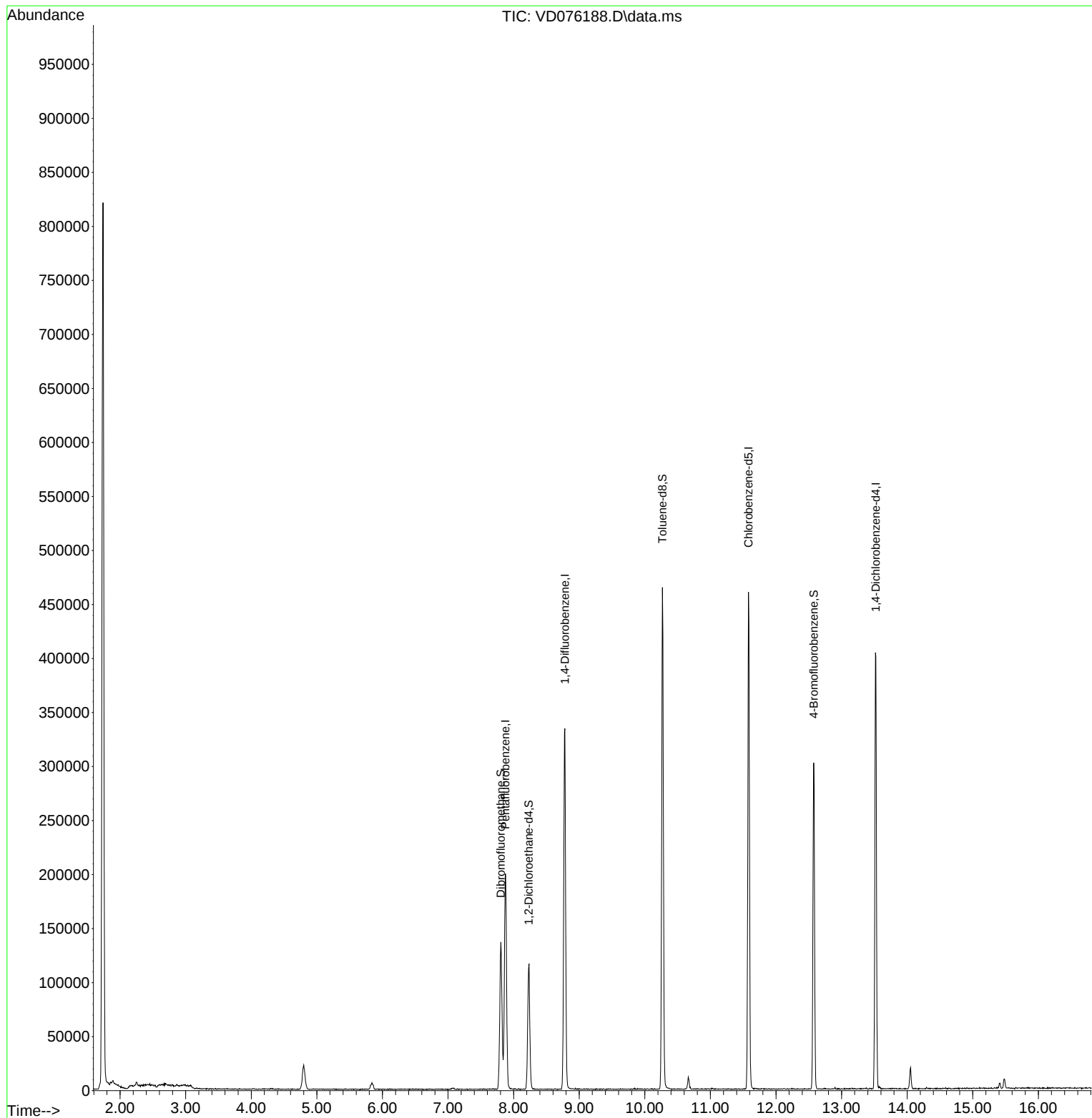
Target Compounds	Qvalue

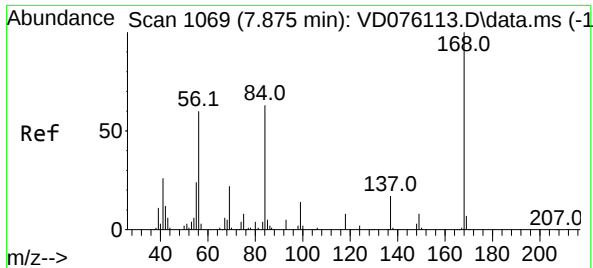
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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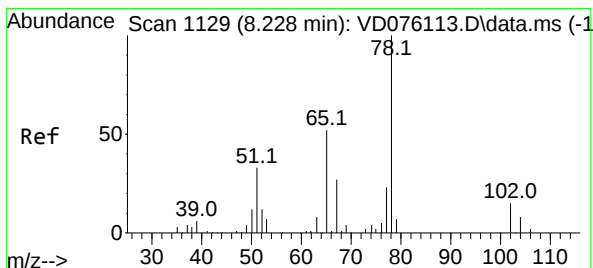
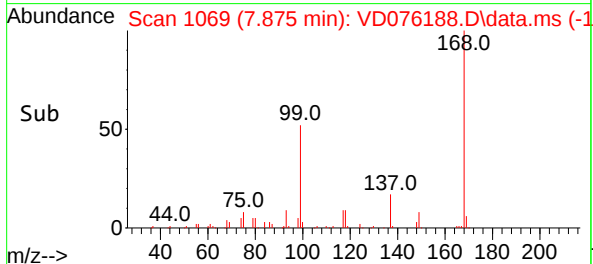
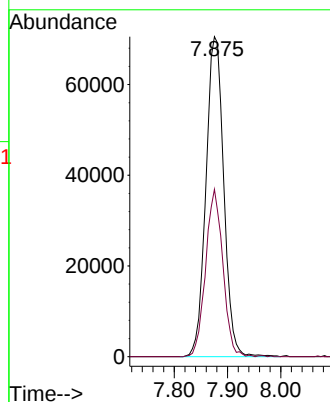
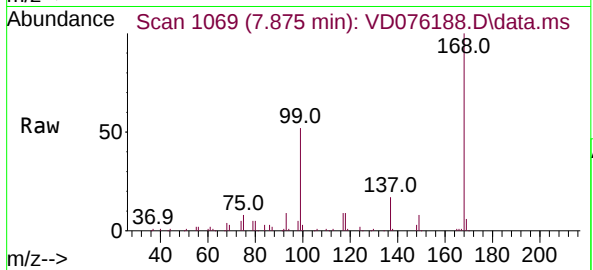




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076188.D
Acq: 23 May 2023 11:36

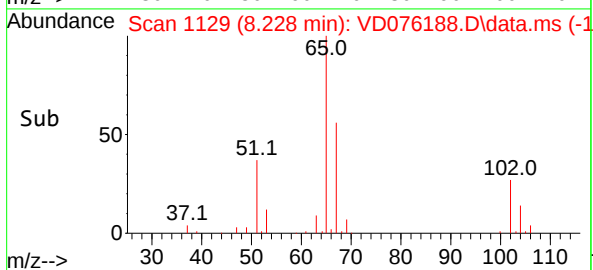
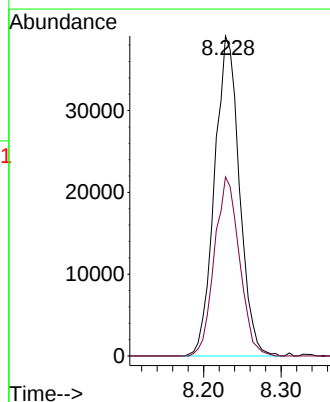
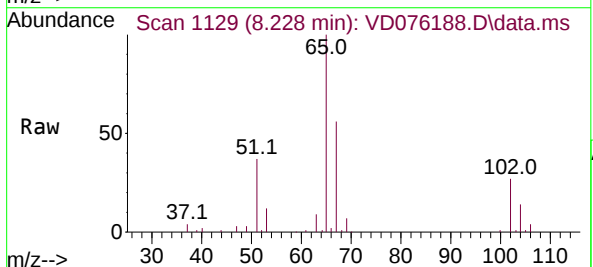
Instrument :
MSVOA_D
ClientSampleId :
VD0523SBL01

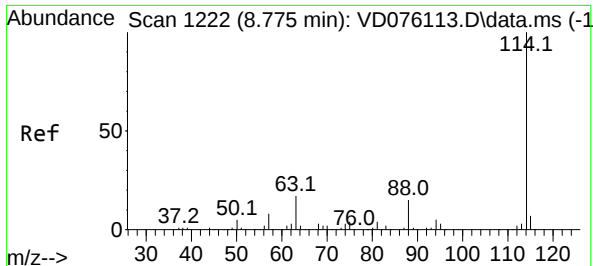
Tgt Ion:168 Resp: 164356
Ion Ratio Lower Upper
168 100
99 52.3 43.8 65.6



#33
1,2-Dichloroethane-d4
Concen: 54.862 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD076188.D
Acq: 23 May 2023 11:36

Tgt Ion: 65 Resp: 87146
Ion Ratio Lower Upper
65 100
67 56.2 0.0 102.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD076188.D

Acq: 23 May 2023 11:36

Instrument :

MSVOA_D

ClientSampleId :

VD0523SBL01

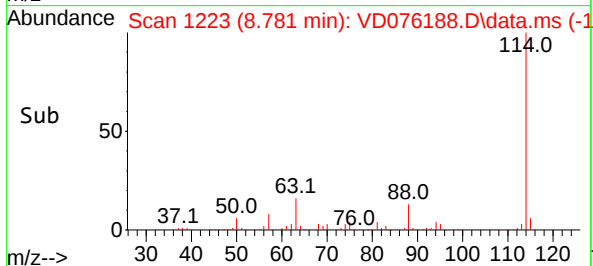
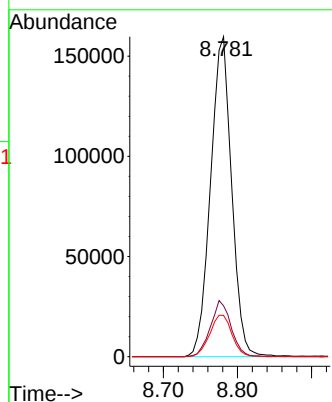
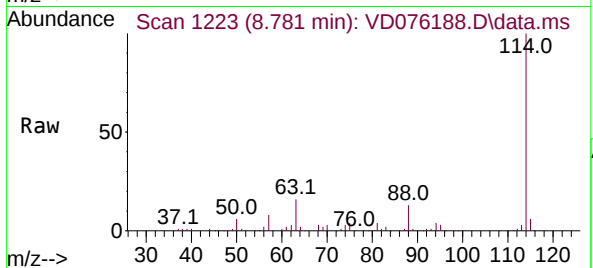
Tgt Ion:114 Resp: 315143

Ion Ratio Lower Upper

114 100

63 15.9 0.0 41.6

88 12.9 0.0 30.6



#35

Dibromofluoromethane

Concen: 46.655 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD076188.D

Acq: 23 May 2023 11:36

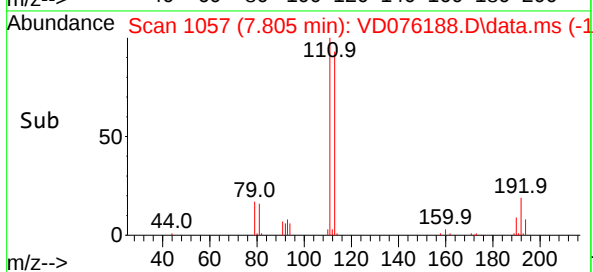
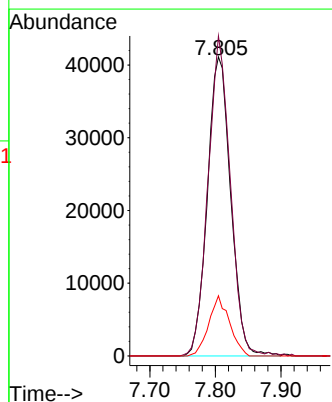
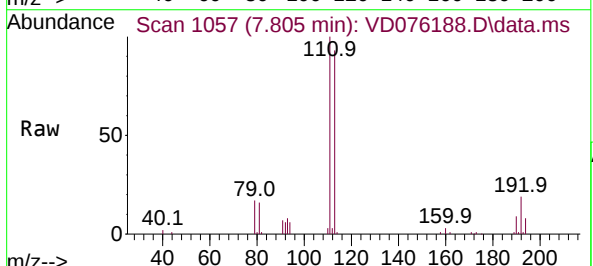
Tgt Ion:113 Resp: 101629

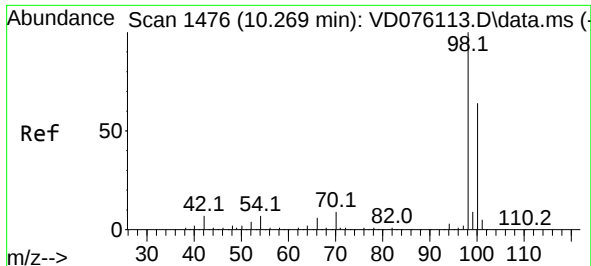
Ion Ratio Lower Upper

113 100

111 101.4 81.4 122.0

192 17.9 15.2 22.8

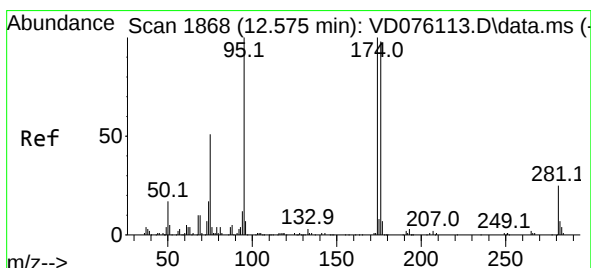
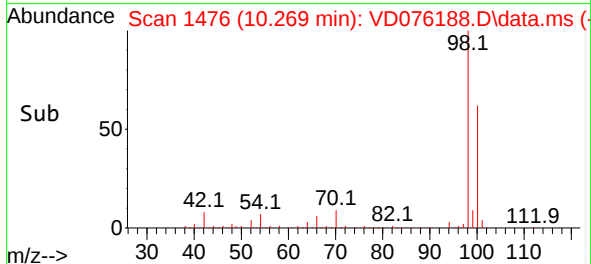
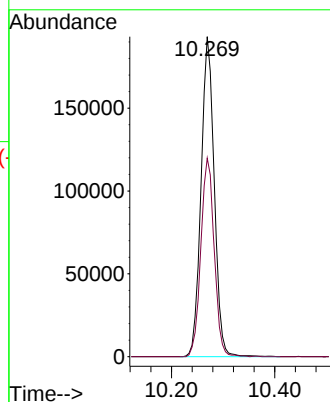
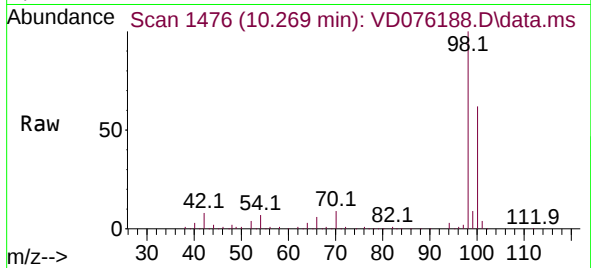




#50
Toluene-d8
Concen: 40.322 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076188.D
Acq: 23 May 2023 11:36

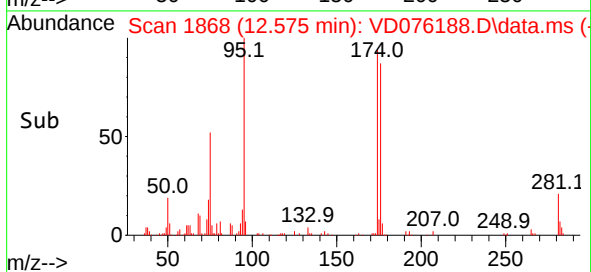
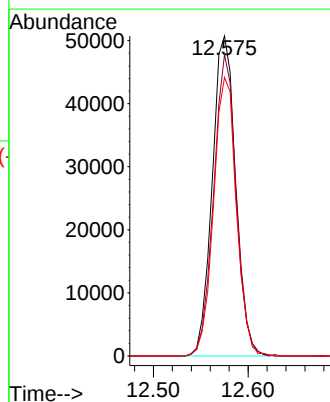
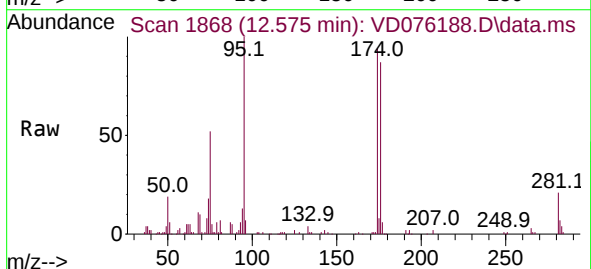
Instrument :
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VD0523SBL01

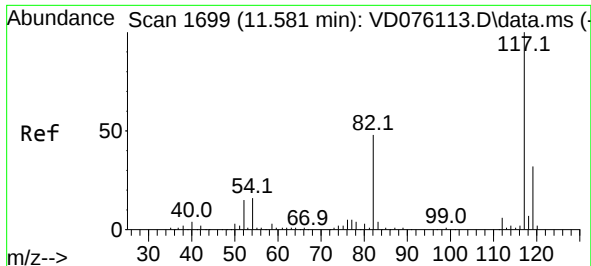
Tgt Ion: 98 Resp: 342398
Ion Ratio Lower Upper
98 100
100 62.9 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 36.722 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD076188.D
Acq: 23 May 2023 11:36

Tgt Ion: 95 Resp: 86623
Ion Ratio Lower Upper
95 100
174 91.3 0.0 164.0
176 85.6 0.0 156.8

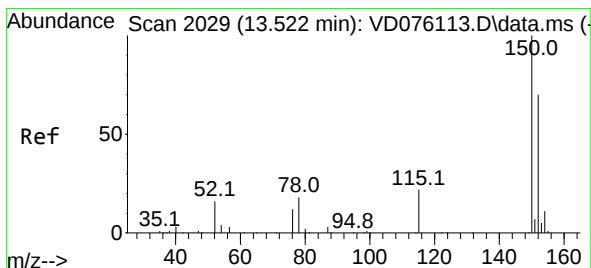
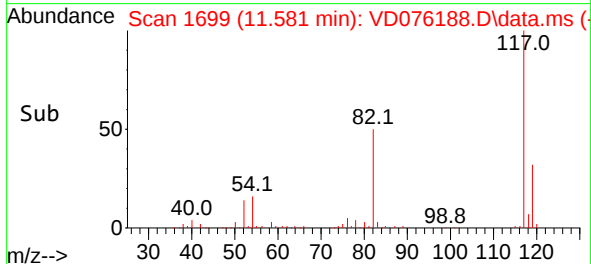
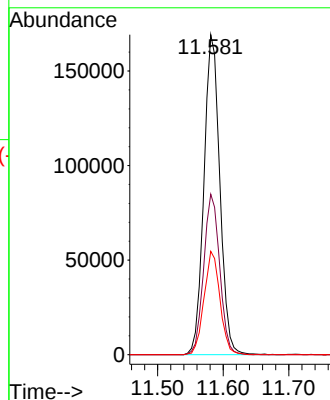
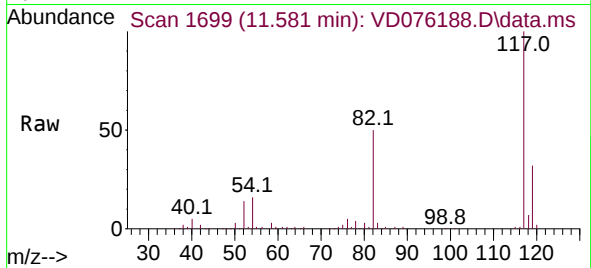




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD076188.D
Acq: 23 May 2023 11:36

Instrument :
MSVOA_D
ClientSampleId :
VD0523SBL01

Tgt Ion:117 Resp: 286241
Ion Ratio Lower Upper
117 100
82 50.2 44.0 66.0
119 32.3 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.000 min
Lab File: VD076188.D
Acq: 23 May 2023 11:36

Tgt Ion:152 Resp: 118810
Ion Ratio Lower Upper
152 100
115 55.0 30.1 90.3
150 158.6 0.0 364.8

