

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071923\
 Data File : VD076791.D
 Acq On : 19 Jul 2023 15:26
 Operator : KP/SY
 Sample : 03657-01
 Misc : 5.05G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BERGENSWITCH-COMP1

Quant Time: Jul 20 04:59:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 17 08:07:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	64826	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	143453	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	143265	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	60659	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	53563	82.955	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	165.920%#
35) Dibromofluoromethane	7.804	113	55051	61.068	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	122.140%
50) Toluene-d8	10.269	98	184122	57.094	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	114.180%
62) 4-Bromofluorobenzene	12.575	95	55005	52.724	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	105.440%

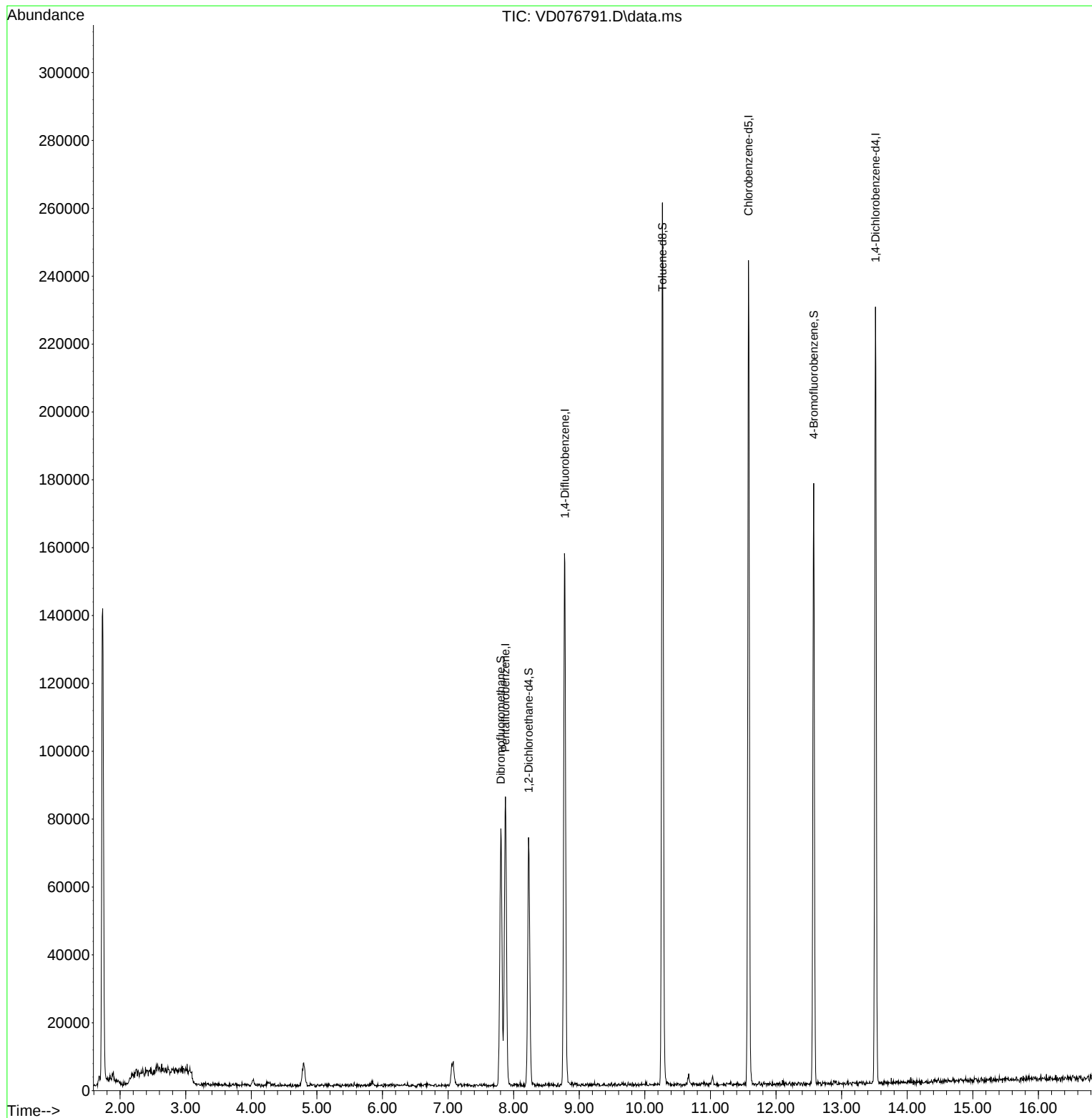
Target Compounds	Qvalue

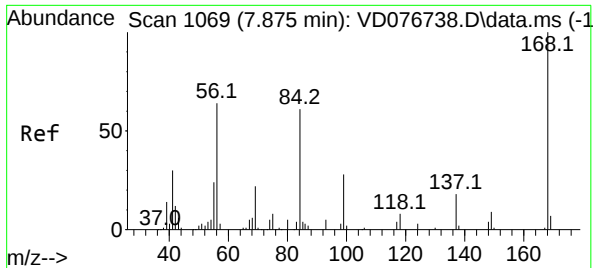
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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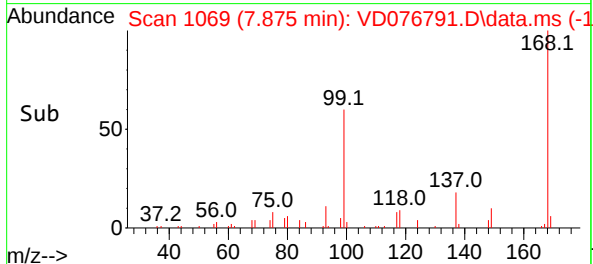
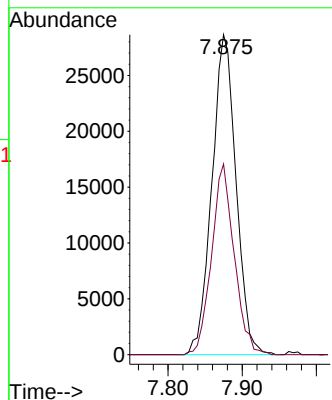
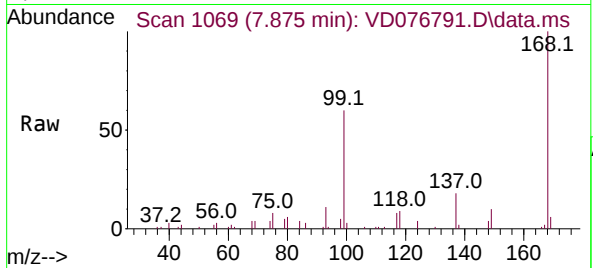




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD076791.D
Acq: 19 Jul 2023 15:26

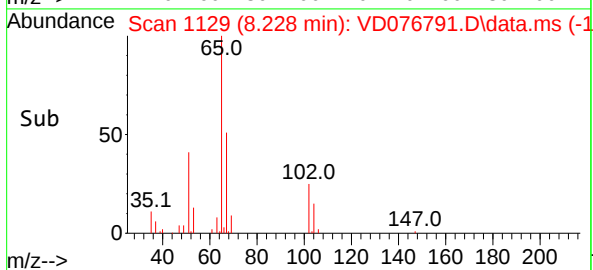
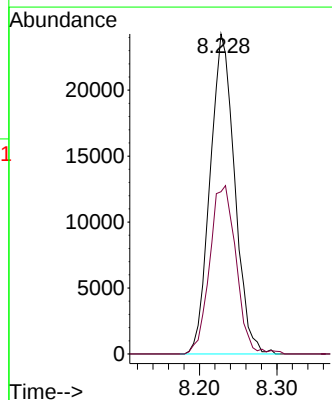
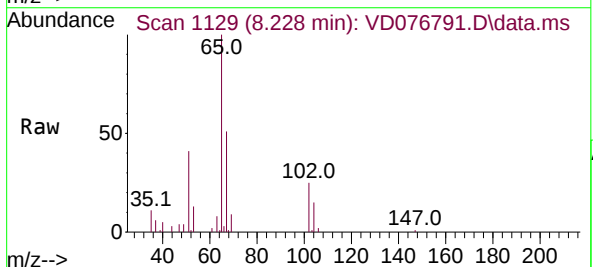
Instrument :
MSVOA_D
ClientSampleId :
BERGENSWITCH-COMP1

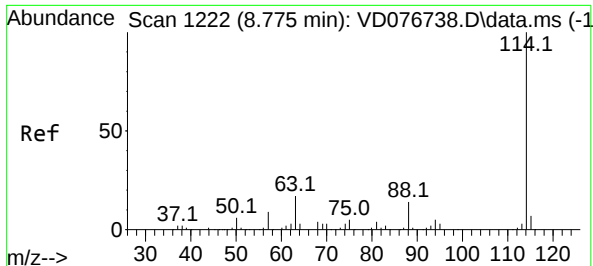
Tgt Ion:168 Resp: 64826
Ion Ratio Lower Upper
168 100
99 59.6 36.7 55.1#



#33
1,2-Dichloroethane-d4
Concen: 82.955 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD076791.D
Acq: 19 Jul 2023 15:26

Tgt Ion: 65 Resp: 53563
Ion Ratio Lower Upper
65 100
67 56.4 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.005 min

Lab File: VD076791.D

Acq: 19 Jul 2023 15:26

Instrument :

MSVOA_D

ClientSampleId :

BERGENSWITCH-COMP1

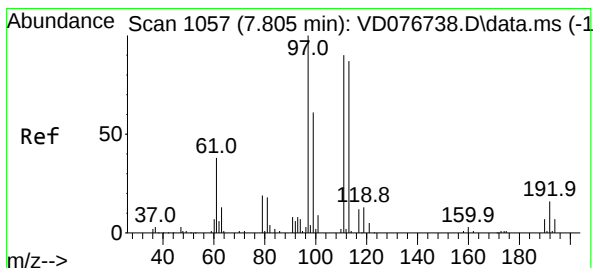
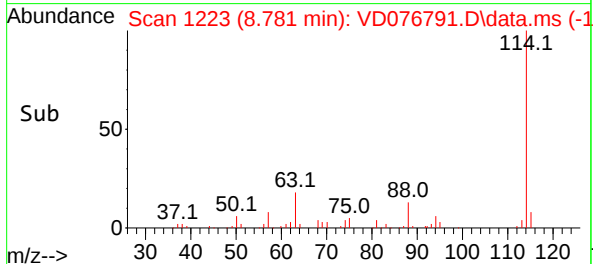
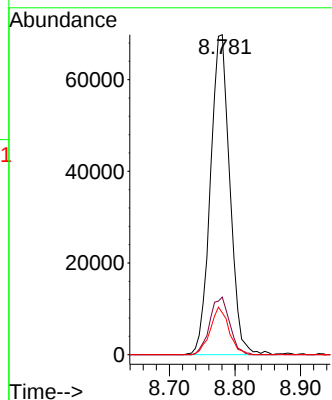
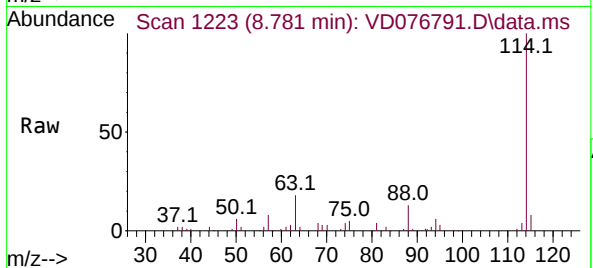
Tgt Ion:114 Resp: 143453

Ion Ratio Lower Upper

114 100

63 18.0 0.0 33.4

88 13.1 0.0 26.2



#35

Dibromofluoromethane

Concen: 61.068 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.001 min

Lab File: VD076791.D

Acq: 19 Jul 2023 15:26

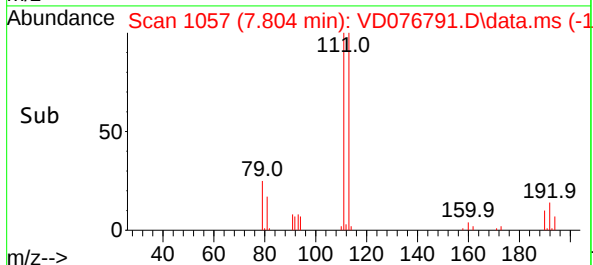
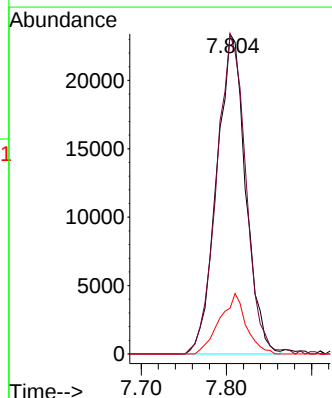
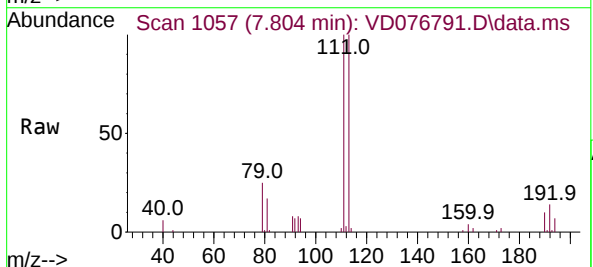
Tgt Ion:113 Resp: 55051

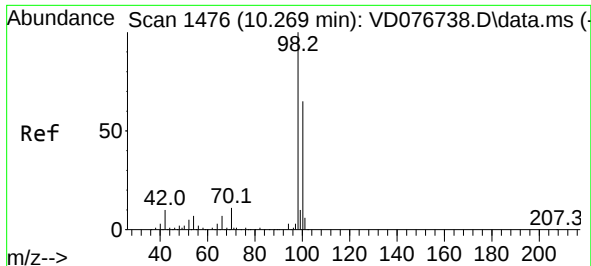
Ion Ratio Lower Upper

113 100

111 101.3 84.7 127.1

192 17.2 16.8 25.2

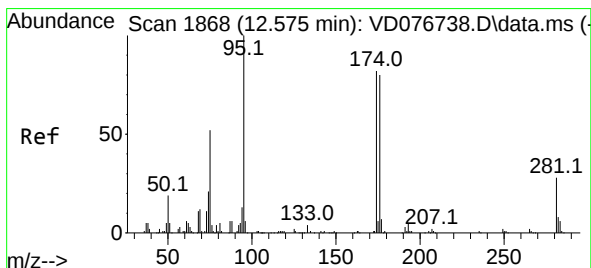
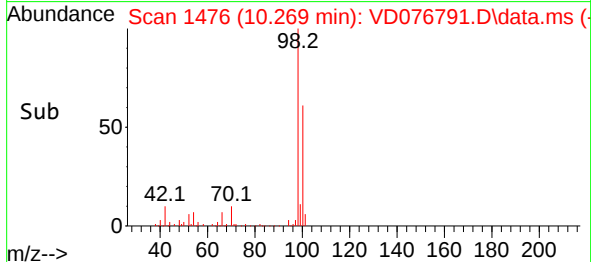
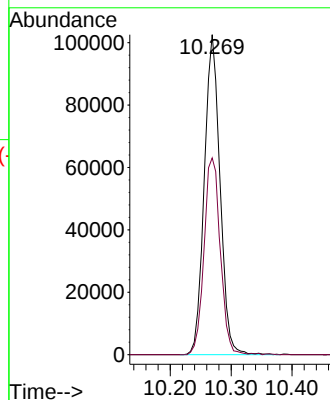
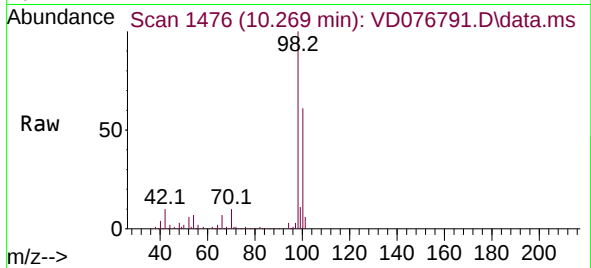




#50
Toluene-d8
Concen: 57.094 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD076791.D
Acq: 19 Jul 2023 15:26

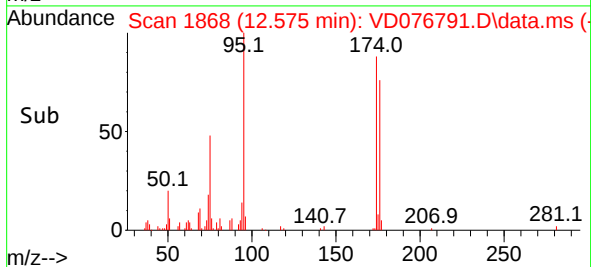
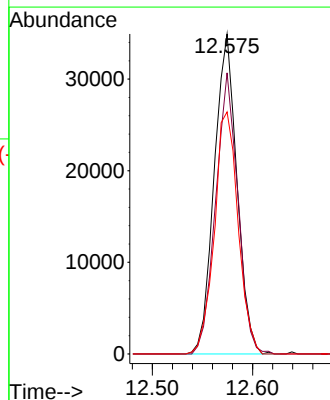
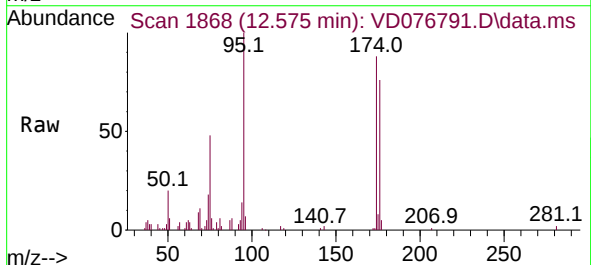
Instrument :
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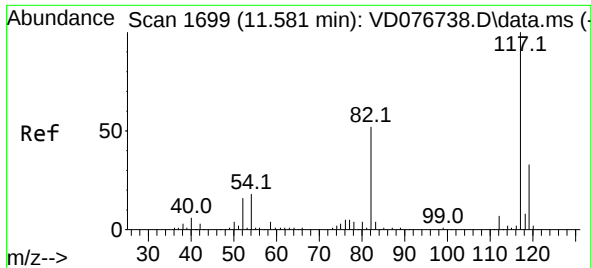
Tgt Ion: 98 Resp: 184122
Ion Ratio Lower Upper
98 100
100 63.3 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 52.724 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076791.D
Acq: 19 Jul 2023 15:26

Tgt Ion: 95 Resp: 55005
Ion Ratio Lower Upper
95 100
174 85.7 0.0 201.8
176 78.8 0.0 191.8

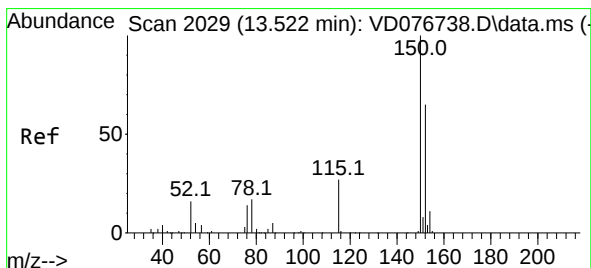
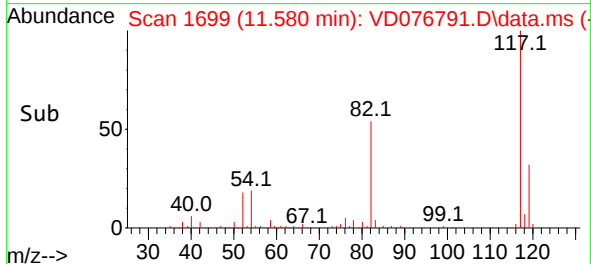
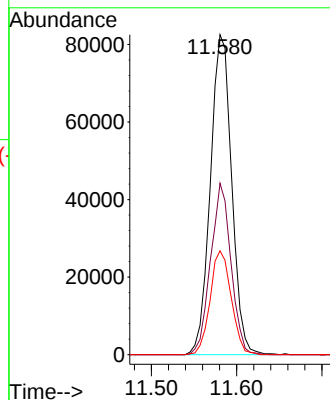
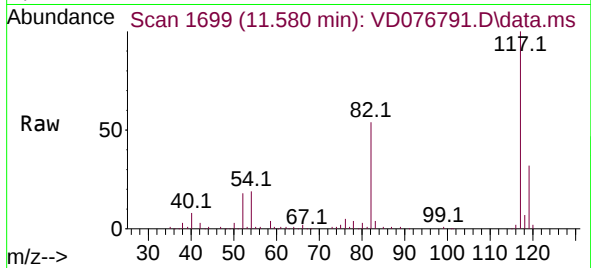




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.580 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD076791.D
Acq: 19 Jul 2023 15:26

Instrument :
MSVOA_D
ClientSampleId :
BERGENSWITCH-COMP1

Tgt Ion:117 Resp: 143265
Ion Ratio Lower Upper
117 100
82 53.5 38.3 57.5
119 32.5 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD076791.D
Acq: 19 Jul 2023 15:26

Tgt Ion:152 Resp: 60659
Ion Ratio Lower Upper
152 100
115 60.8 27.1 81.3
150 161.2 0.0 353.6

