

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071923\
 Data File : VD076784.D
 Acq On : 19 Jul 2023 12:11
 Operator : KP/SY
 Sample : VD0719SBL01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0719SBL01

Quant Time: Jul 20 04:57:23 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	159311	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	369553	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	335942	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	144416	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	102190	64.401	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	128.800%
35) Dibromofluoromethane	7.805	113	121351	52.255	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.500%
50) Toluene-d8	10.269	98	455811	54.866	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	109.740%
62) 4-Bromofluorobenzene	12.575	95	125073	46.538	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	93.080%

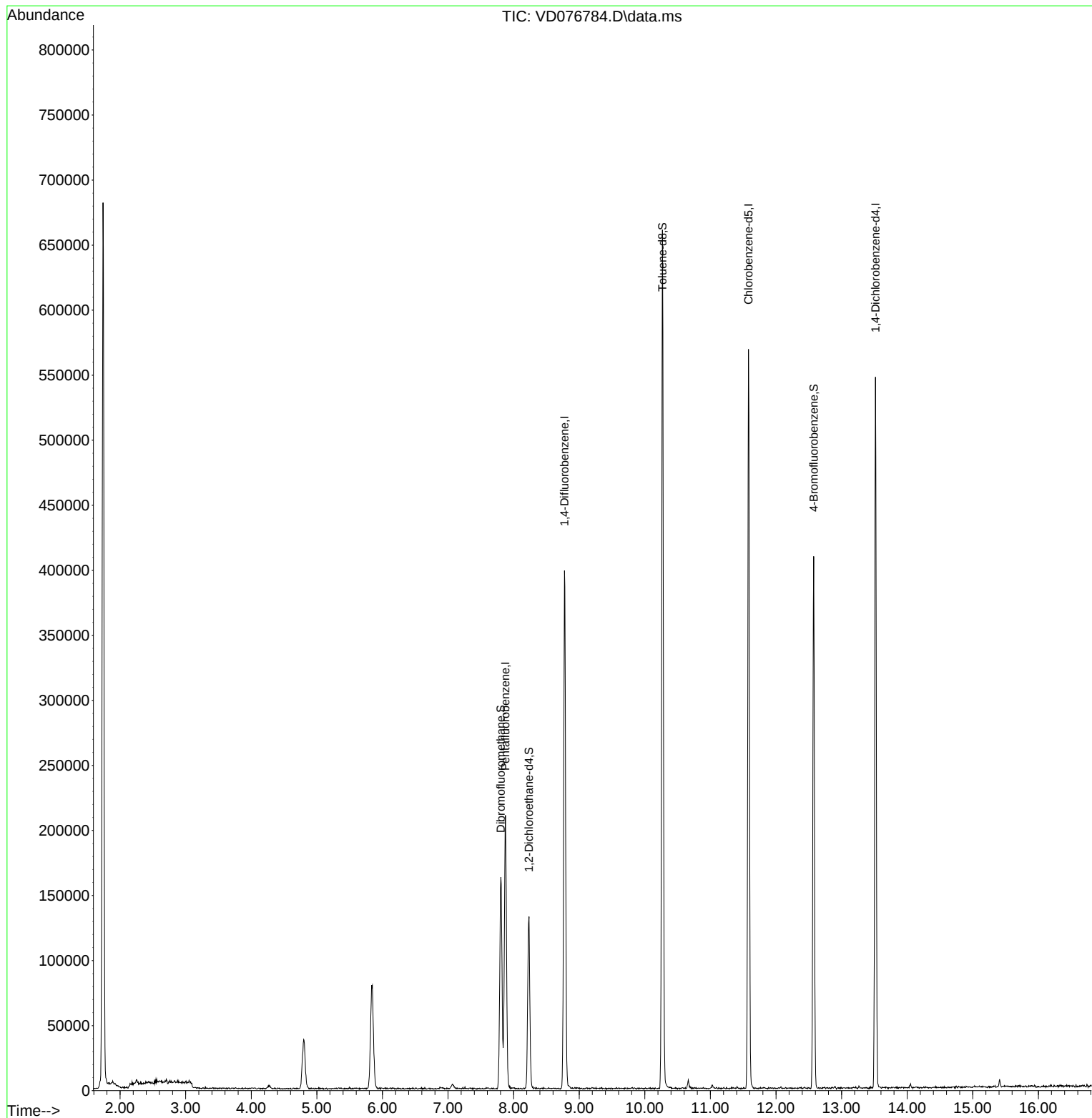
Target Compounds	Qvalue

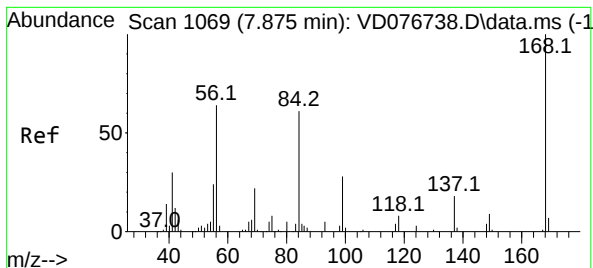
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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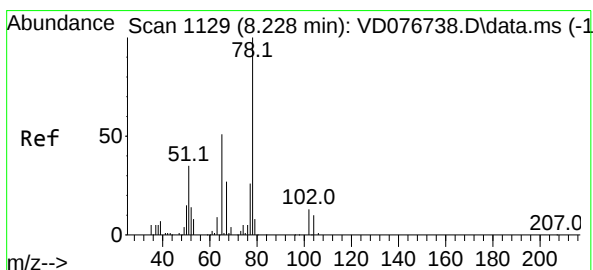
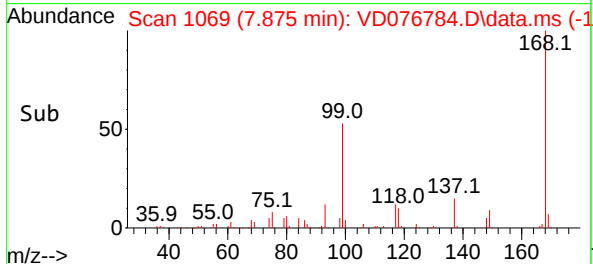
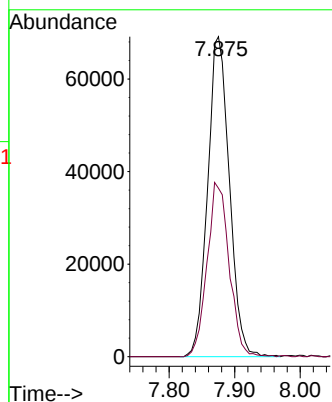
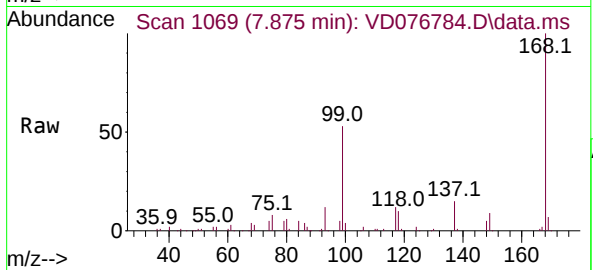




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 110
Delta R.T. 0.000 min
Lab File: VD076784.D
Acq: 19 Jul 2023 12:11

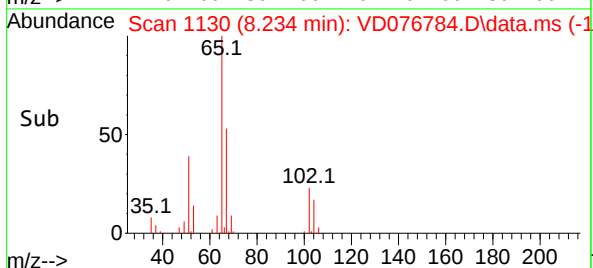
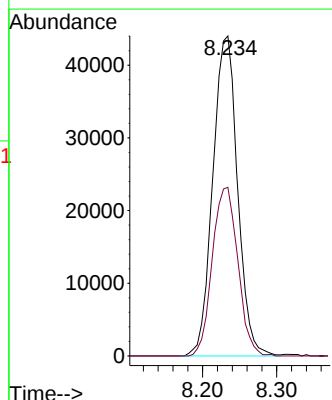
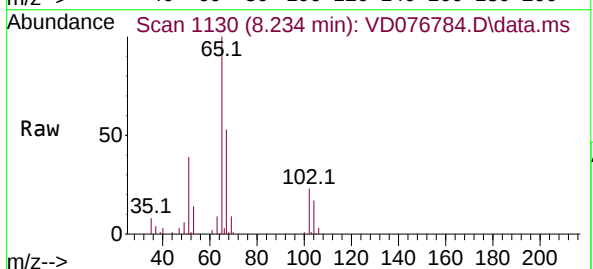
Instrument :
MSVOA_D
ClientSampleId :
VD0719SBL01

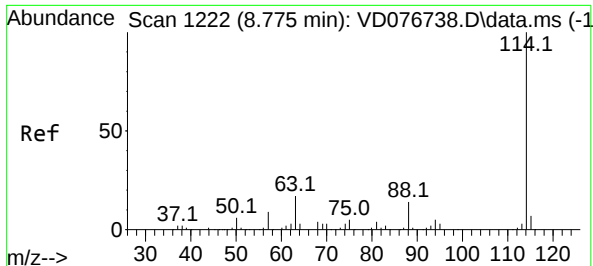
Tgt Ion:168 Resp: 159311
Ion Ratio Lower Upper
168 100
99 52.6 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 64.401 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD076784.D
Acq: 19 Jul 2023 12:11

Tgt Ion: 65 Resp: 102190
Ion Ratio Lower Upper
65 100
67 54.3 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: VD076784.D

Acq: 19 Jul 2023 12:11

Instrument :

MSVOA_D

ClientSampleId :

VD0719SBL01

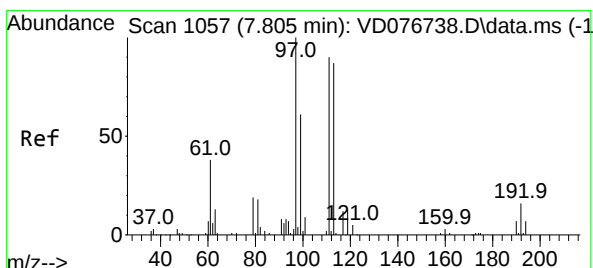
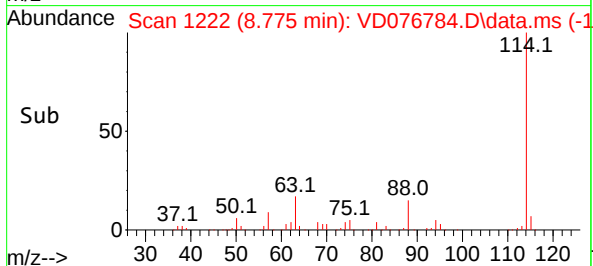
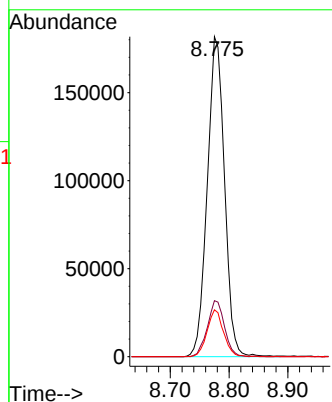
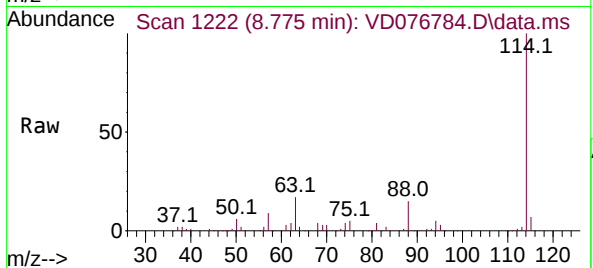
Tgt Ion:114 Resp: 369553

Ion Ratio Lower Upper

114 100

63 17.5 0.0 33.4

88 14.7 0.0 26.2



#35

Dibromofluoromethane

Concen: 52.255 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD076784.D

Acq: 19 Jul 2023 12:11

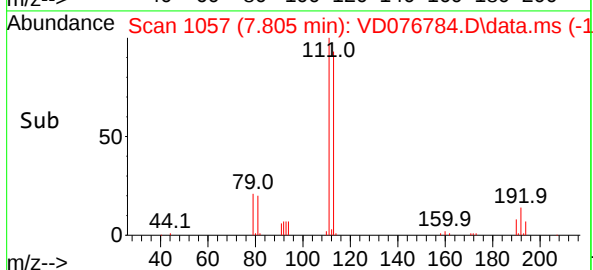
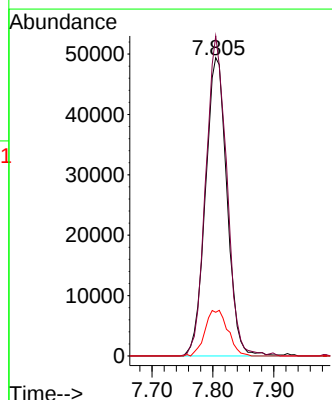
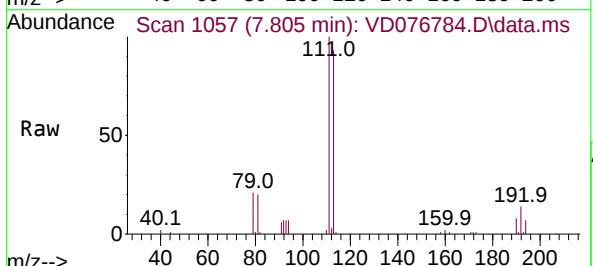
Tgt Ion:113 Resp: 121351

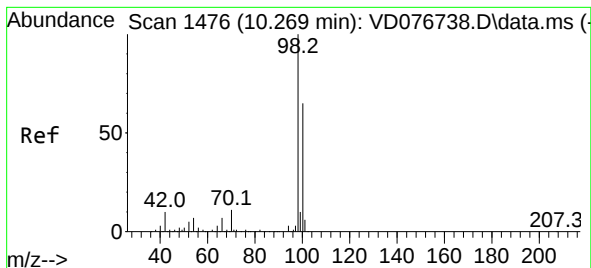
Ion Ratio Lower Upper

113 100

111 104.4 84.7 127.1

192 16.3 16.8 25.2#

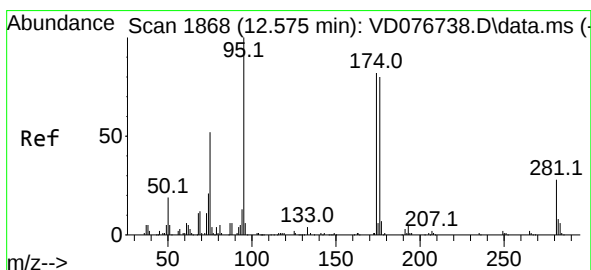
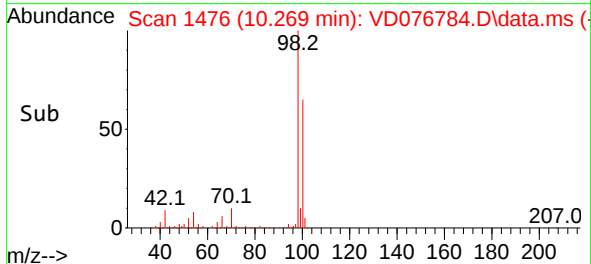
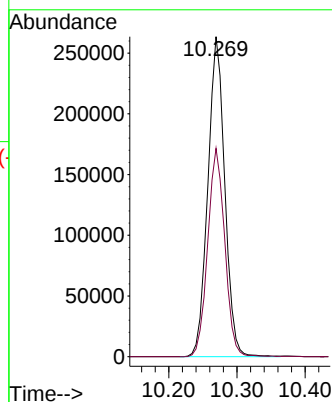
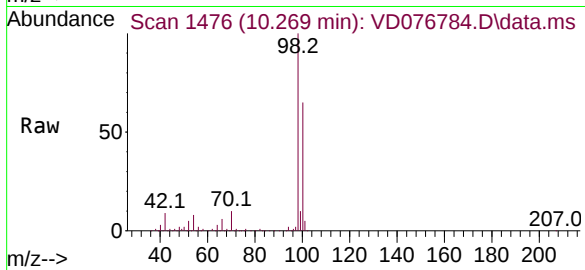




#50
Toluene-d8
Concen: 54.866 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076784.D
Acq: 19 Jul 2023 12:11

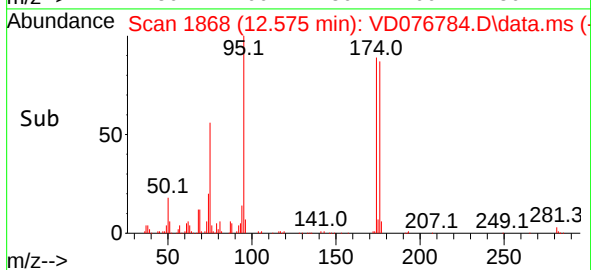
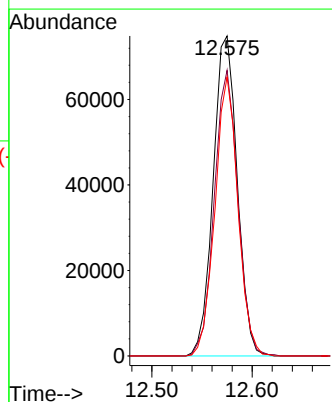
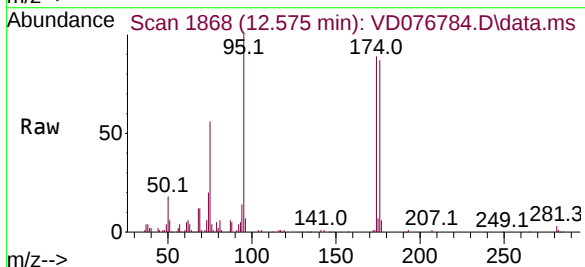
Instrument :
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VD0719SBL01

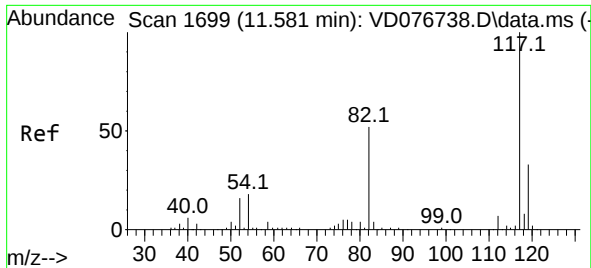
Tgt Ion: 98 Resp: 455811
Ion Ratio Lower Upper
98 100
100 65.5 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 46.538 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076784.D
Acq: 19 Jul 2023 12:11

Tgt Ion: 95 Resp: 125073
Ion Ratio Lower Upper
95 100
174 87.3 0.0 201.8
176 83.2 0.0 191.8

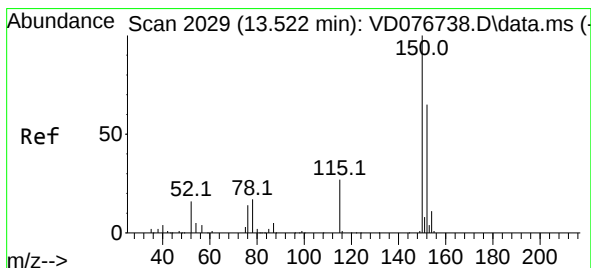
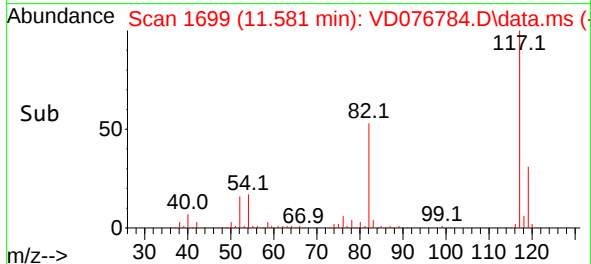
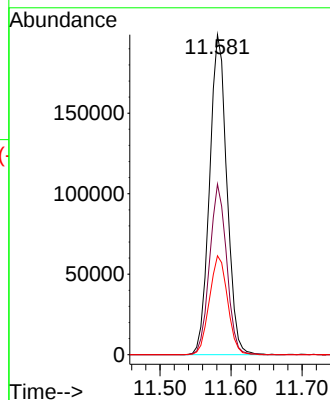
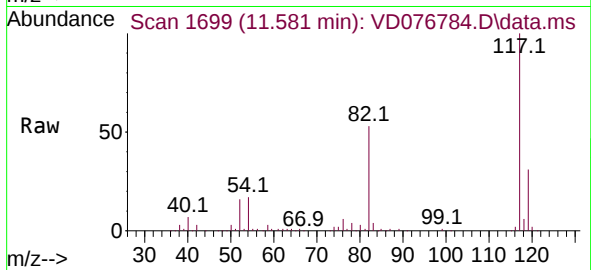




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD076784.D
Acq: 19 Jul 2023 12:11

Instrument :
MSVOA_D
ClientSampleId :
VD0719SBL01

Tgt Ion:117 Resp: 335942
Ion Ratio Lower Upper
117 100
82 53.3 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. -0.006 min
Lab File: VD076784.D
Acq: 19 Jul 2023 12:11

Tgt Ion:152 Resp: 144416
Ion Ratio Lower Upper
152 100
115 58.3 27.1 81.3
150 155.9 0.0 353.6

