

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071923\
 Data File : VD076789.D
 Acq On : 19 Jul 2023 14:30
 Operator : KP/SY
 Sample : 03625-01
 Misc : 5.02G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RBR200018

Quant Time: Jul 20 04:59:12 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	50166	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	115209	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	114260	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	51345	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	47982	96.028	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	192.060%#
35) Dibromofluoromethane	7.805	113	43078	59.501	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	119.000%
50) Toluene-d8	10.269	98	142793	55.133	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	110.260%
62) 4-Bromofluorobenzene	12.575	95	44403	52.996	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	106.000%

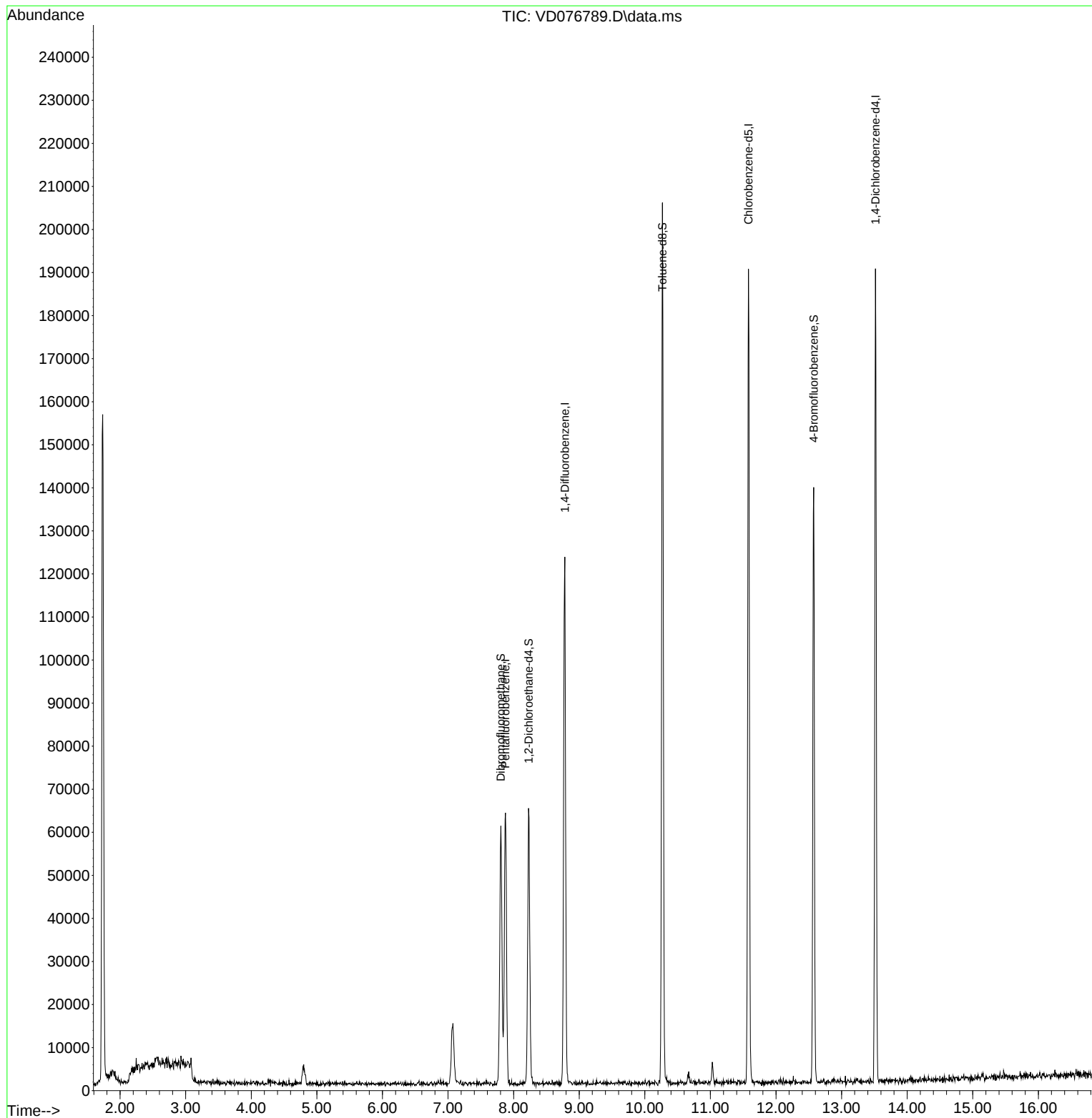
Target Compounds	Qvalue

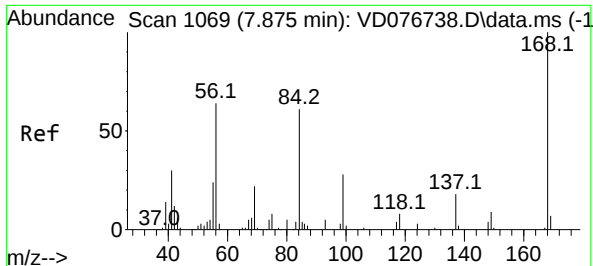
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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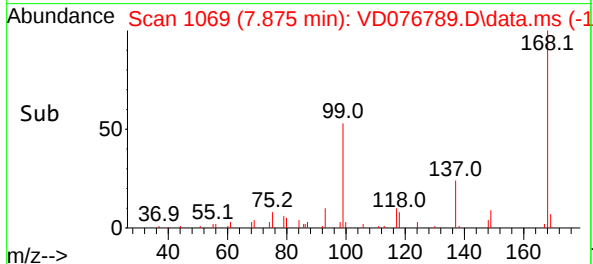
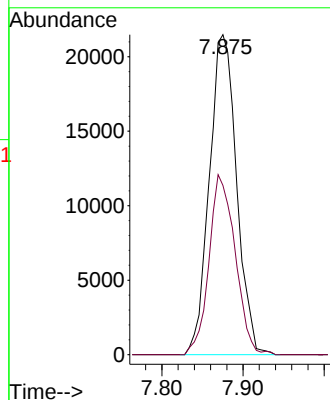
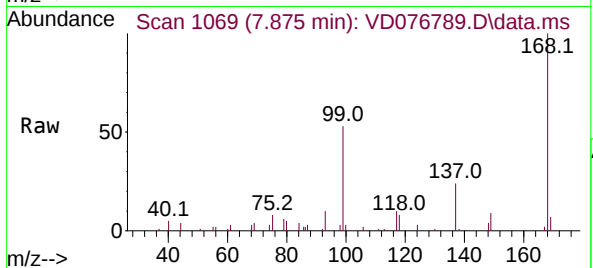




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076789.D
Acq: 19 Jul 2023 14:30

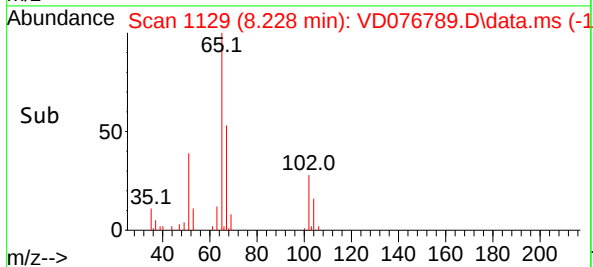
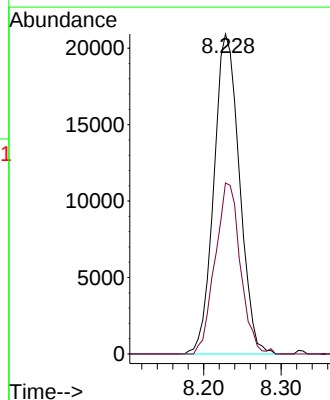
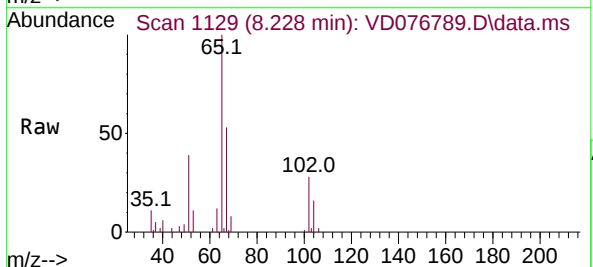
Instrument :
MSVOA_D
ClientSampleId :
RBR200018

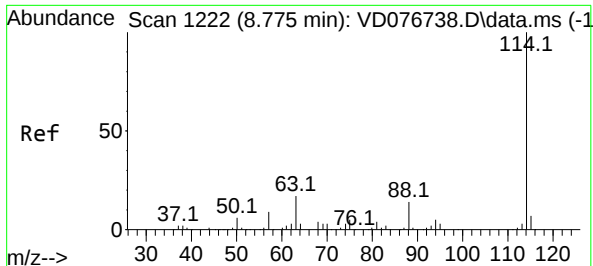
Tgt Ion:168 Resp: 50166
Ion Ratio Lower Upper
168 100
99 52.9 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 96.028 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD076789.D
Acq: 19 Jul 2023 14:30

Tgt Ion: 65 Resp: 47982
Ion Ratio Lower Upper
65 100
67 52.9 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 115209

Delta R.T. 0.006 min

Lab File: VD076789.D

Acq: 19 Jul 2023 14:30

Instrument :

MSVOA_D

ClientSampleId :

RBR200018

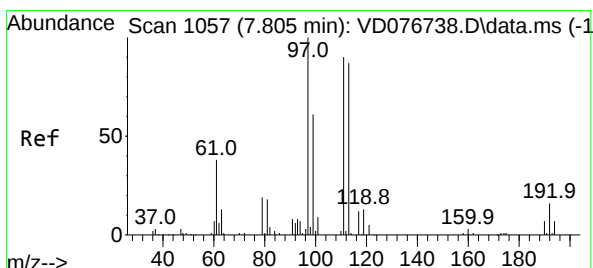
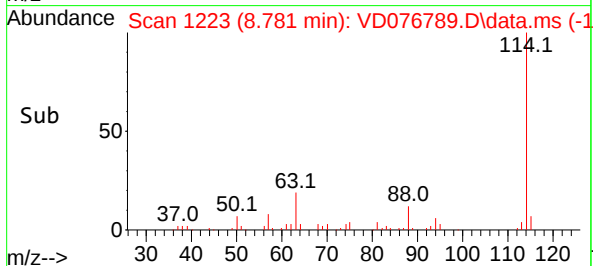
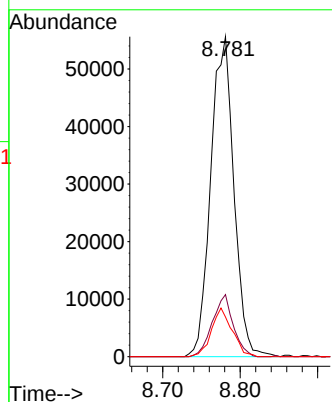
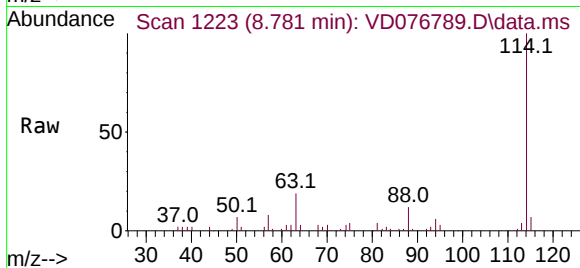
Tgt Ion:114 Resp: 115209

Ion Ratio Lower Upper

114 100

63 19.4 0.0 33.4

88 12.4 0.0 26.2



#35

Dibromofluoromethane

Concen: 59.501 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD076789.D

Acq: 19 Jul 2023 14:30

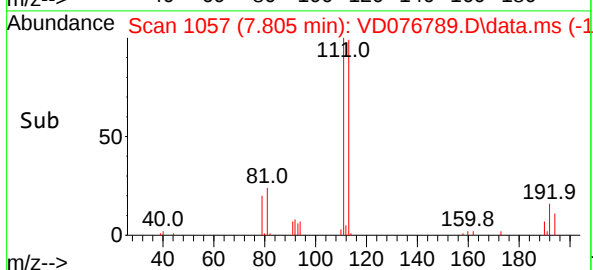
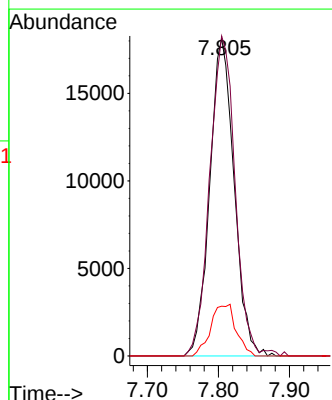
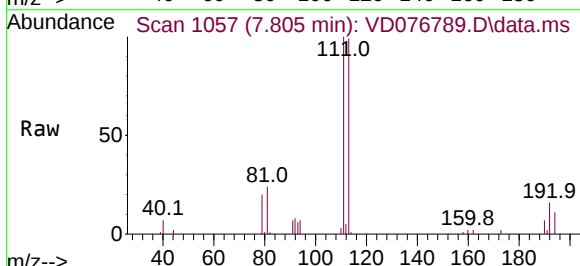
Tgt Ion:113 Resp: 43078

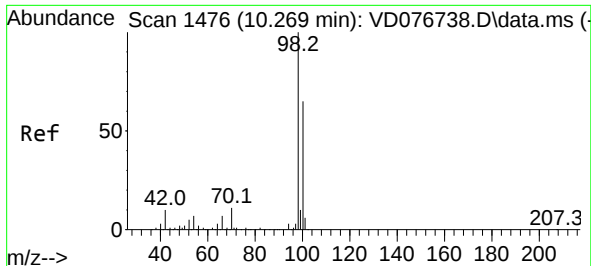
Ion Ratio Lower Upper

113 100

111 104.3 84.7 127.1

192 16.9 16.8 25.2

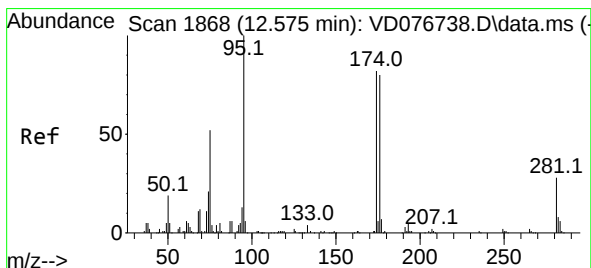
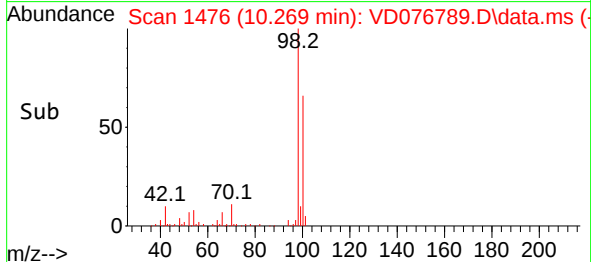
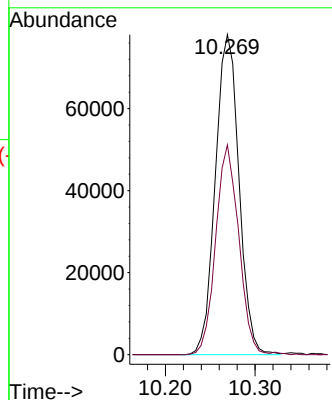
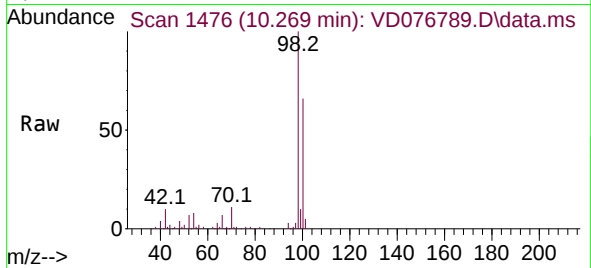




#50
Toluene-d8
Concen: 55.133 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076789.D
Acq: 19 Jul 2023 14:30

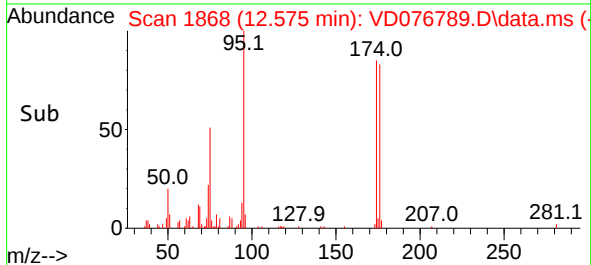
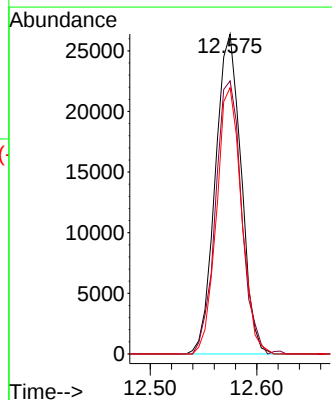
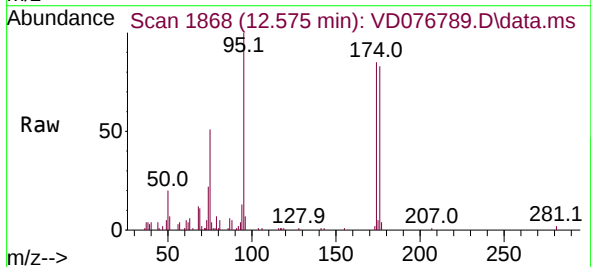
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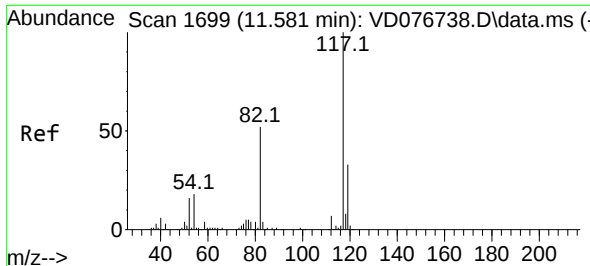
Tgt Ion: 98 Resp: 142793
Ion Ratio Lower Upper
98 100
100 63.8 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 52.996 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076789.D
Acq: 19 Jul 2023 14:30

Tgt Ion: 95 Resp: 44403
Ion Ratio Lower Upper
95 100
174 85.9 0.0 201.8
176 80.1 0.0 191.8

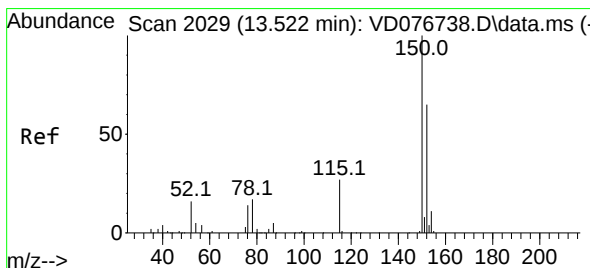
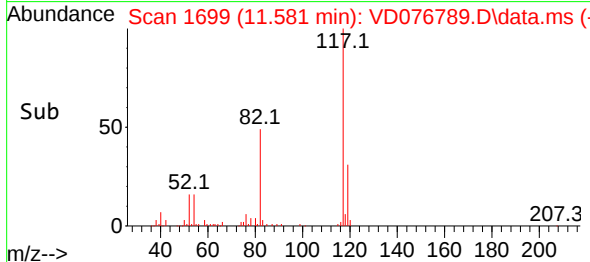
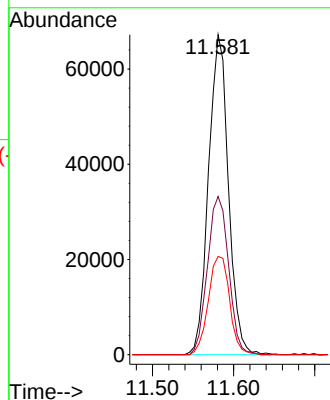
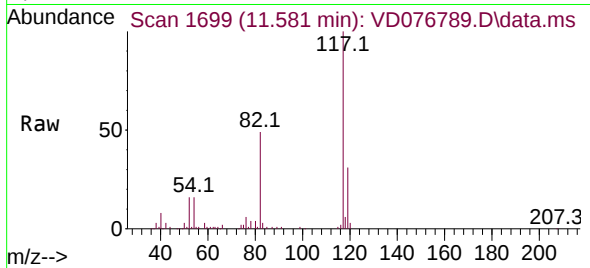




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD076789.D
Acq: 19 Jul 2023 14:30

Instrument :
MSVOA_D
ClientSampleId :
RBR200018

Tgt Ion:117 Resp: 114260
Ion Ratio Lower Upper
117 100
82 49.5 38.3 57.5
119 30.7 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: VD076789.D
Acq: 19 Jul 2023 14:30

Tgt Ion:152 Resp: 51345
Ion Ratio Lower Upper
152 100
115 55.2 27.1 81.3
150 153.1 0.0 353.6

