

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060123\
 Data File : VD076308.D
 Acq On : 01 Jun 2023 20:43
 Operator : KP/SY
 Sample : VIBLK
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK

Quant Time: Jun 02 05:54:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060123S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 02 05:50:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	131179	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	368156	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	590389	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	367675	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	68485	53.570	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.140%
35) Dibromofluoromethane	7.805	113	127135	52.314	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.620%
50) Toluene-d8	10.269	98	481744	51.413	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.820%
62) 4-Bromofluorobenzene	12.575	95	276104	105.645	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	211.300%#

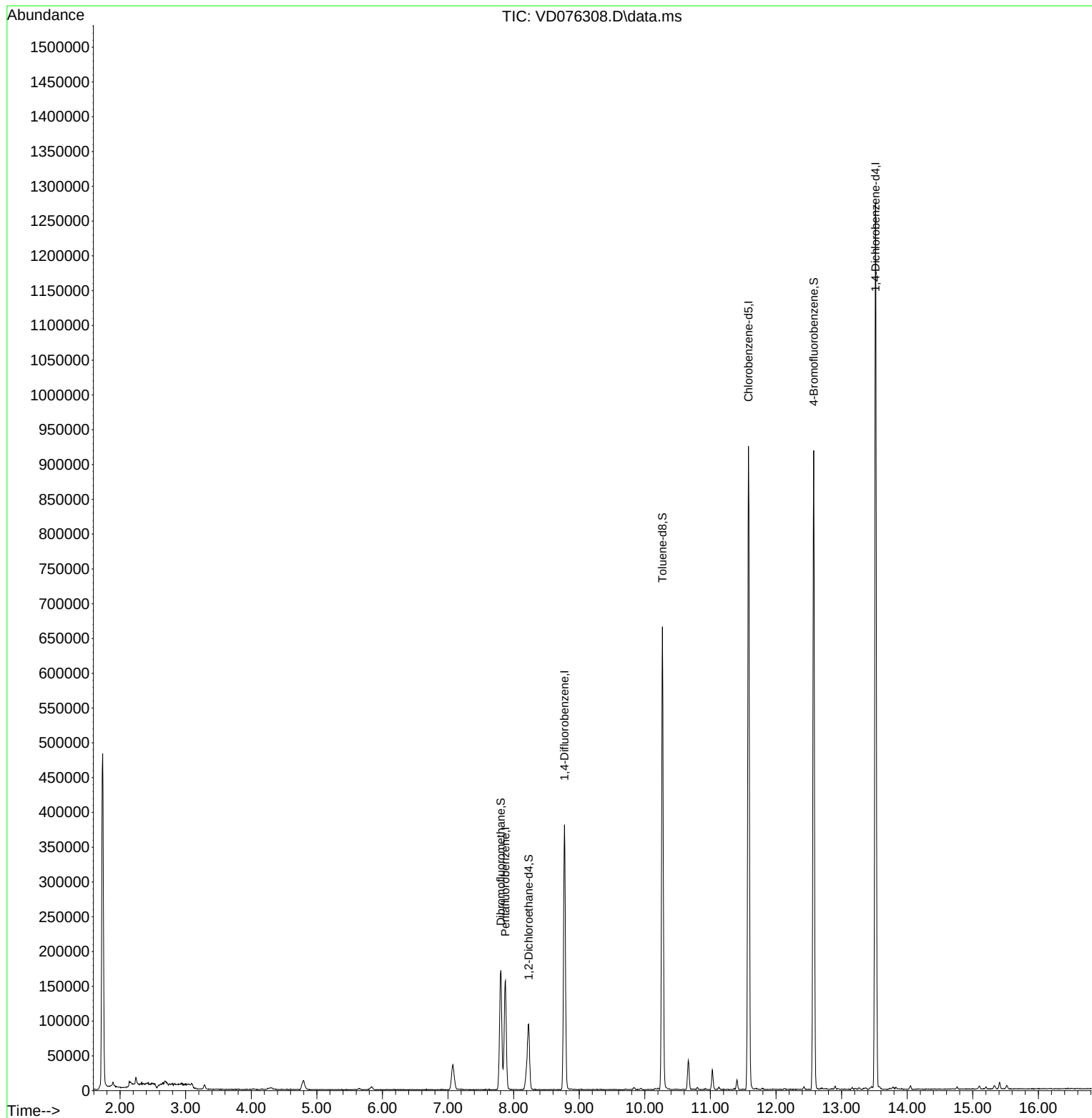
Target Compounds	Qvalue

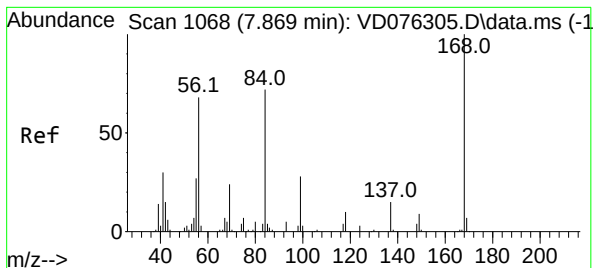
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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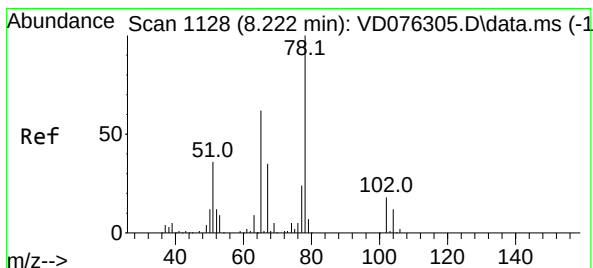
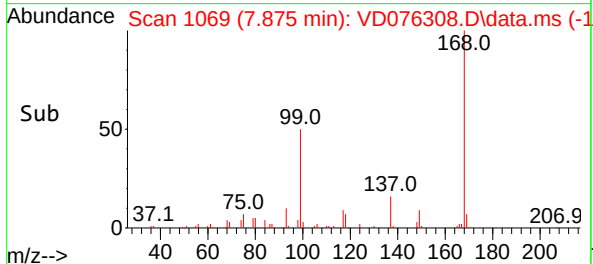
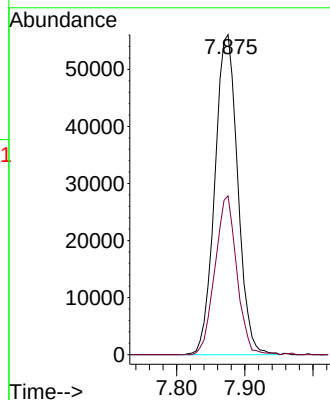
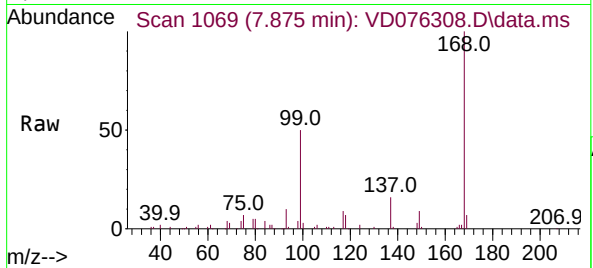




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1109
Delta R.T. 0.006 min
Lab File: VD076308.D
Acq: 01 Jun 2023 20:43

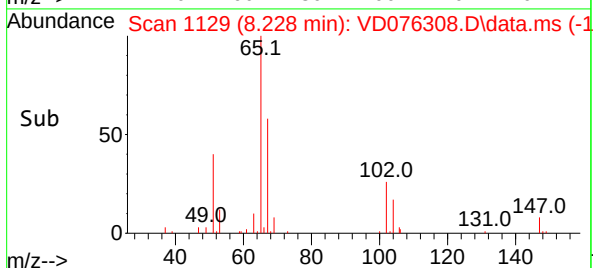
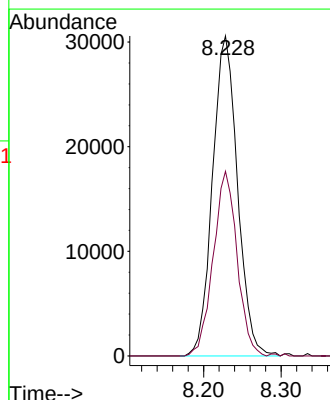
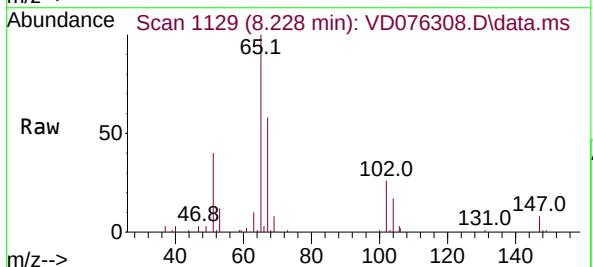
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

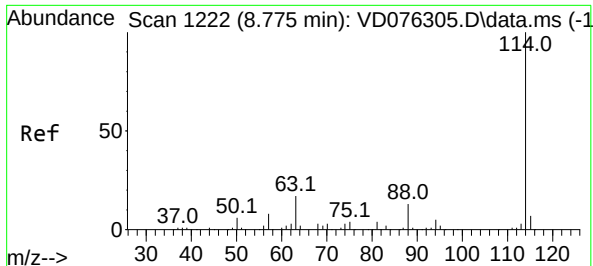
Tgt Ion:168 Resp: 131179
Ion Ratio Lower Upper
168 100
99 49.6 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 53.570 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VD076308.D
Acq: 01 Jun 2023 20:43

Tgt Ion: 65 Resp: 68485
Ion Ratio Lower Upper
65 100
67 55.1 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD076308.D

Acq: 01 Jun 2023 20:43

Instrument :

MSVOA_D

ClientSampleId :

VIBLK

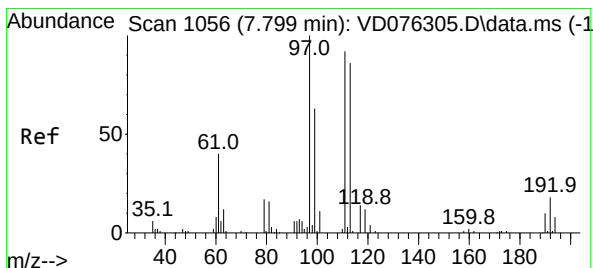
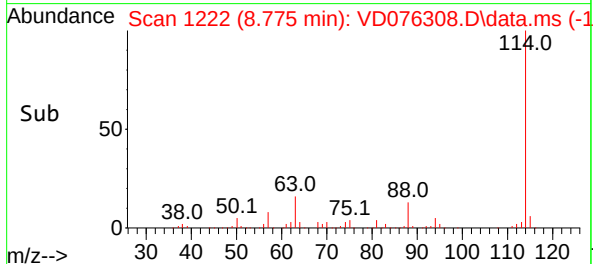
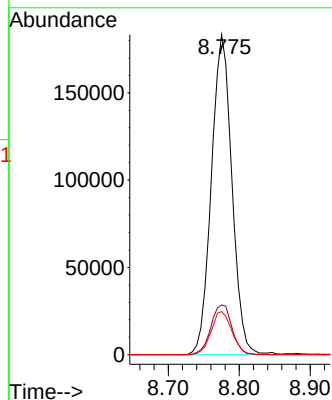
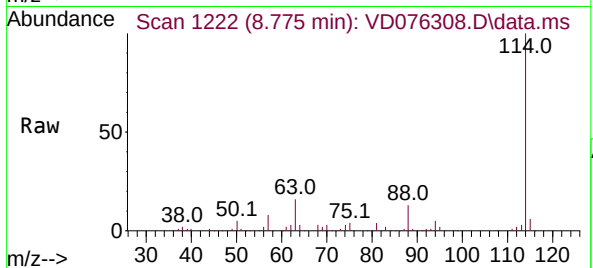
Tgt Ion:114 Resp: 368156

Ion Ratio Lower Upper

114 100

63 15.6 0.0 33.4

88 13.5 0.0 26.2



#35

Dibromofluoromethane

Concen: 52.314 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VD076308.D

Acq: 01 Jun 2023 20:43

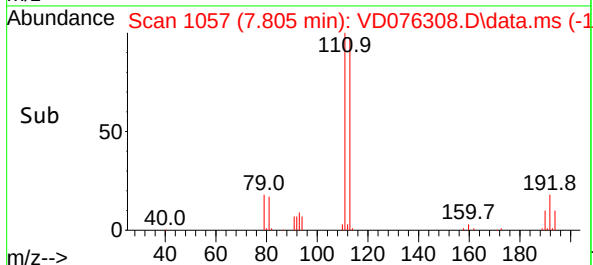
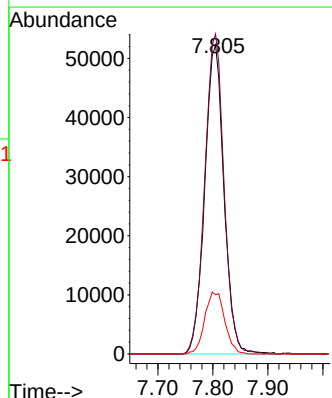
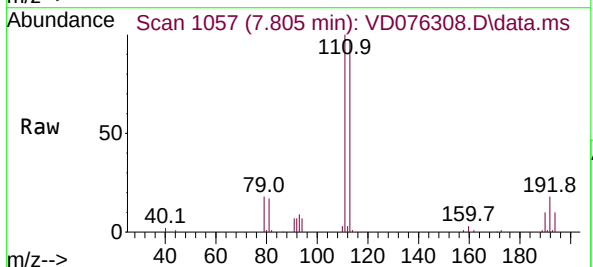
Tgt Ion:113 Resp: 127135

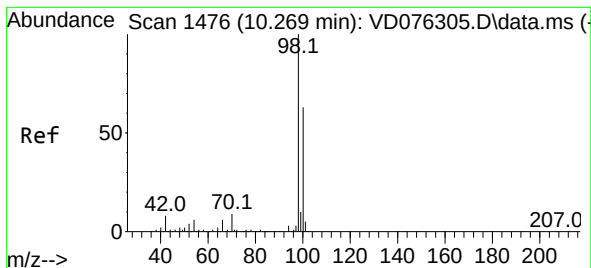
Ion Ratio Lower Upper

113 100

111 103.6 84.7 127.1

192 20.8 16.8 25.2

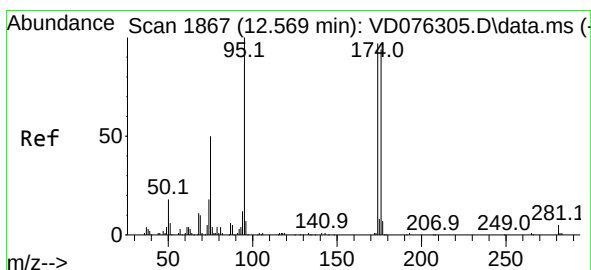
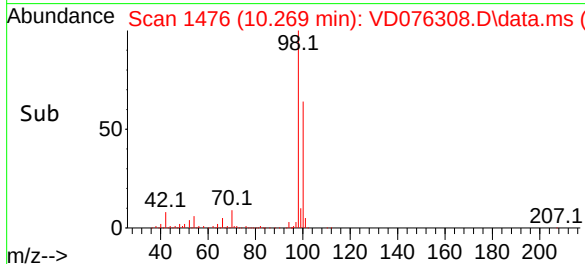
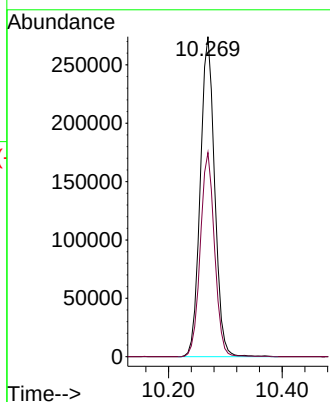
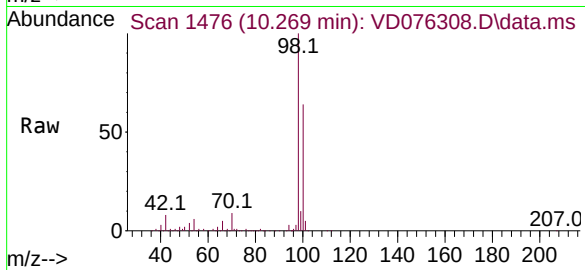




#50
Toluene-d8
Concen: 51.413 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076308.D
Acq: 01 Jun 2023 20:43

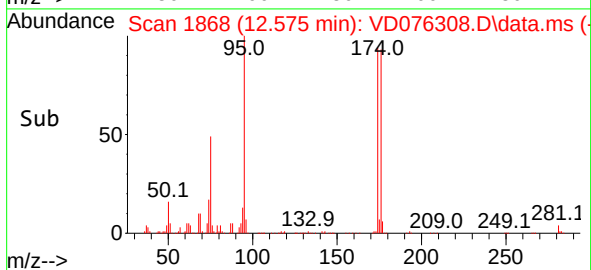
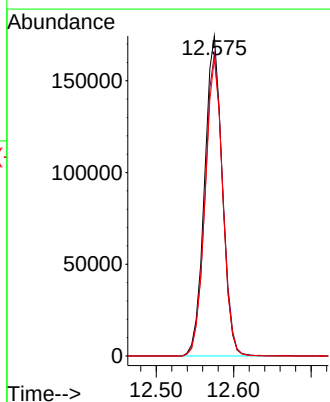
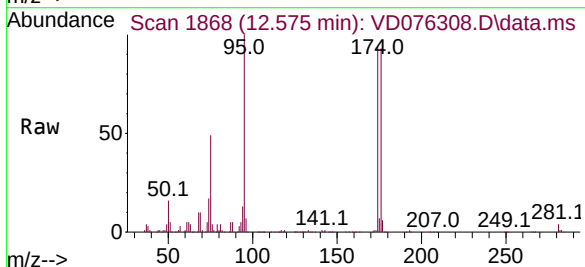
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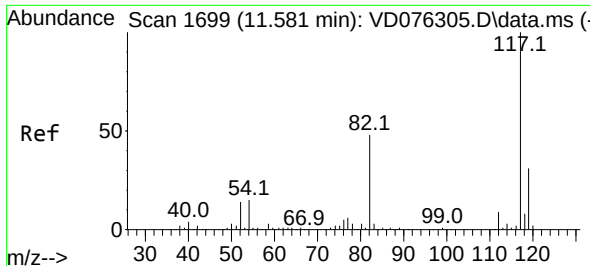
Tgt Ion: 98 Resp: 481744
Ion Ratio Lower Upper
98 100
100 63.0 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 105.645 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD076308.D
Acq: 01 Jun 2023 20:43

Tgt Ion: 95 Resp: 276104
Ion Ratio Lower Upper
95 100
174 94.9 0.0 201.8
176 92.2 0.0 191.8

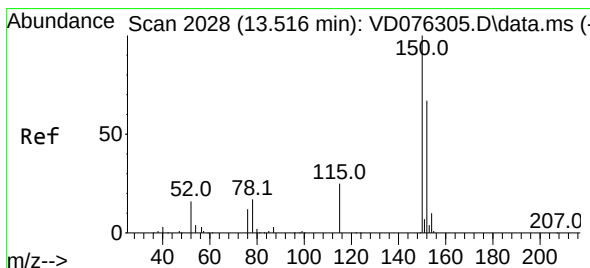
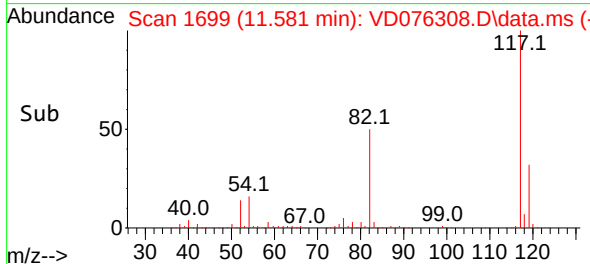
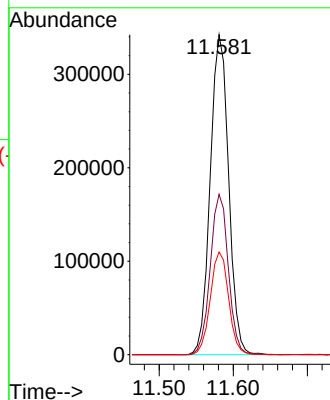
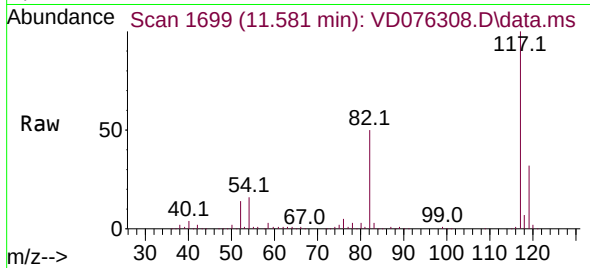




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD076308.D
Acq: 01 Jun 2023 20:43

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 590389
Ion Ratio Lower Upper
117 100
82 50.1 38.3 57.5
119 32.1 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD076308.D
Acq: 01 Jun 2023 20:43

Tgt Ion:152 Resp: 367675
Ion Ratio Lower Upper
152 100
115 52.4 27.1 81.3
150 157.3 0.0 353.6

