

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071923\
 Data File : VD076795.D
 Acq On : 19 Jul 2023 17:18
 Operator : KP/SY
 Sample : 03659-05
 Misc : 5.08G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HR-4-071823

Quant Time: Jul 20 05:01:14 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	103022	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	232509	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	229939	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	98048	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	78031	76.044	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	152.080%
35) Dibromofluoromethane	7.805	113	82809	56.676	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	113.360%
50) Toluene-d8	10.269	98	292465	55.954	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	111.900%
62) 4-Bromofluorobenzene	12.575	95	87314	51.637	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	103.280%

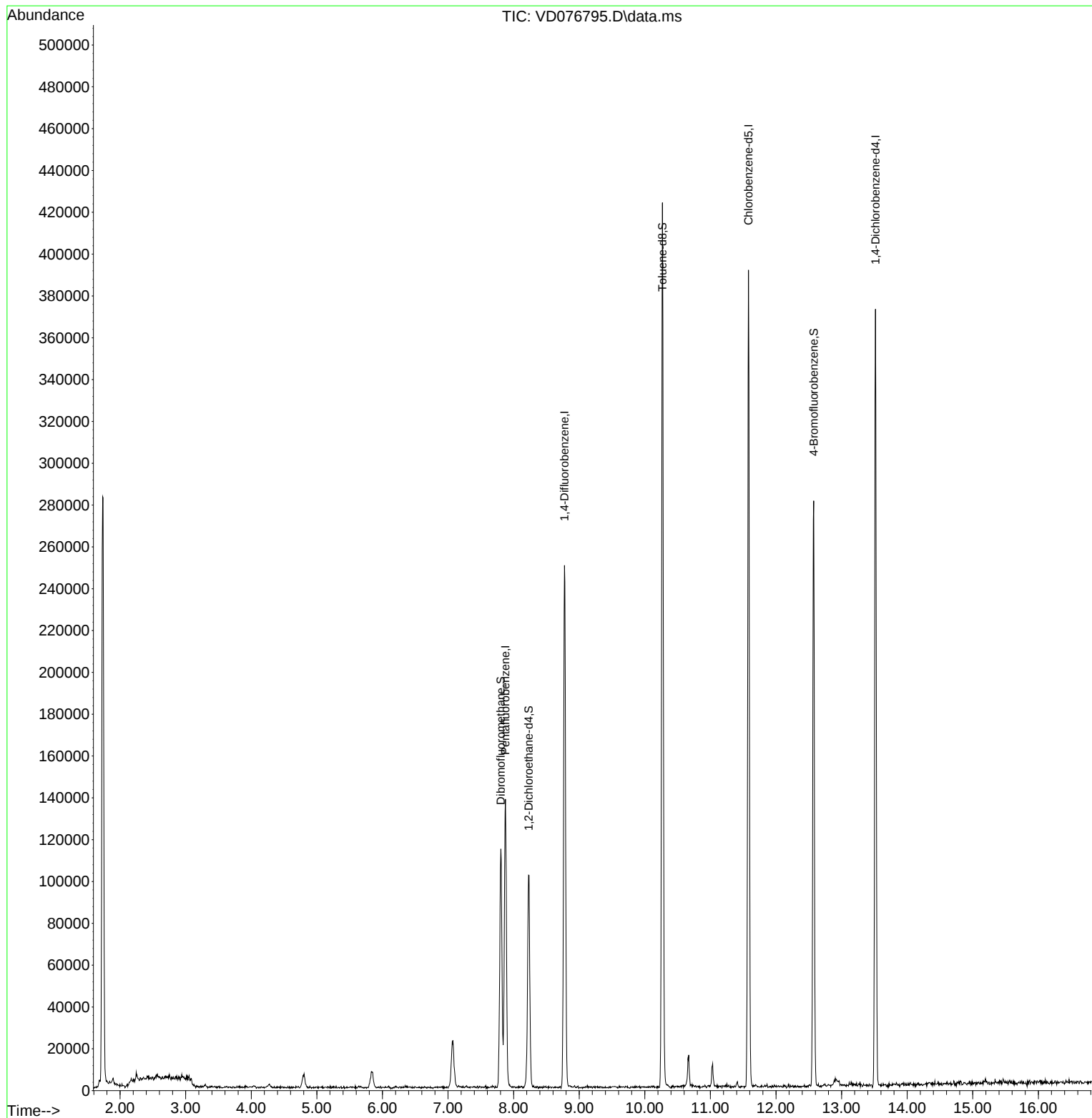
Target Compounds	Qvalue

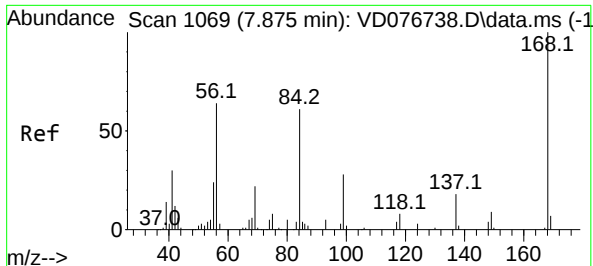
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071923\
Data File : VD076795.D
Acq On : 19 Jul 2023 17:18
Operator : KP/SY
Sample : 03659-05
Misc : 5.08G/5.0ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
HR-4-071823

Quant Time: Jul 20 05:01:14 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

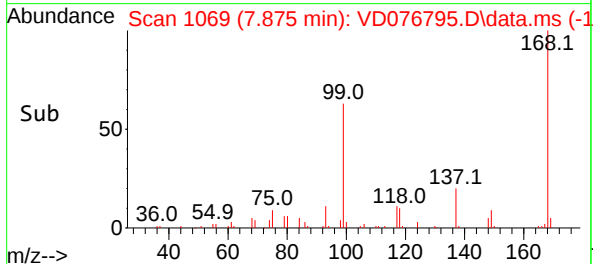
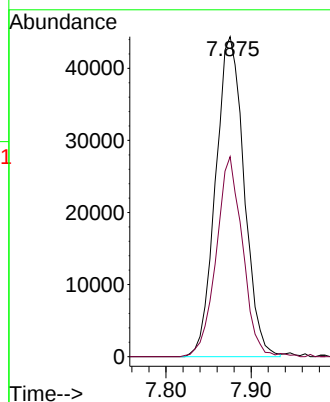
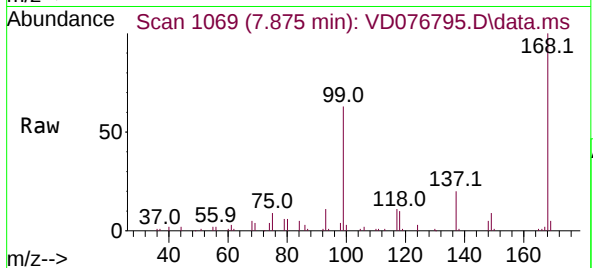




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076795.D
Acq: 19 Jul 2023 17:18

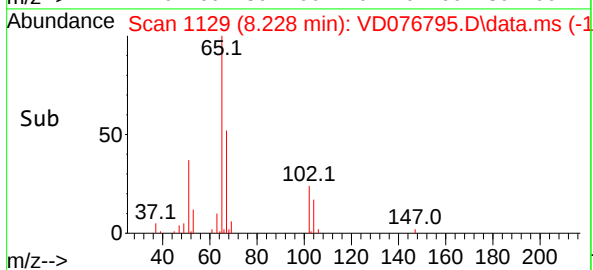
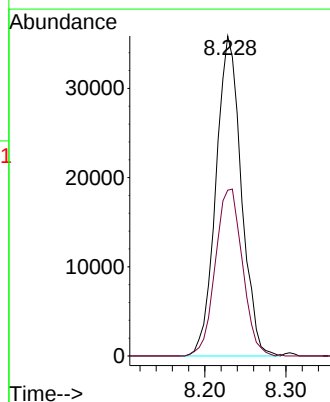
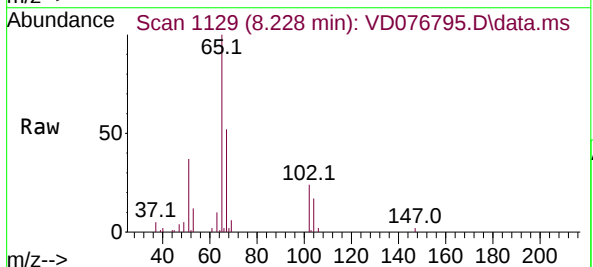
Instrument :
MSVOA_D
ClientSampleId :
HR-4-071823

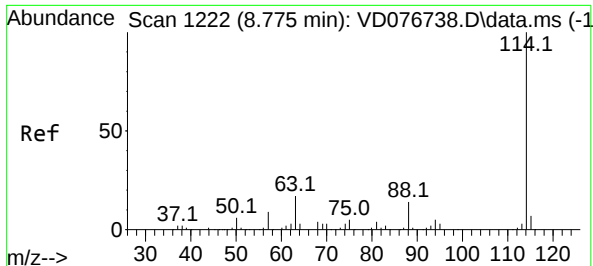
Tgt Ion:168 Resp: 103022
Ion Ratio Lower Upper
168 100
99 62.5 36.7 55.1#



#33
1,2-Dichloroethane-d4
Concen: 76.044 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD076795.D
Acq: 19 Jul 2023 17:18

Tgt Ion: 65 Resp: 78031
Ion Ratio Lower Upper
65 100
67 55.8 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: VD076795.D

Acq: 19 Jul 2023 17:18

Instrument :

MSVOA_D

ClientSampleId :

HR-4-071823

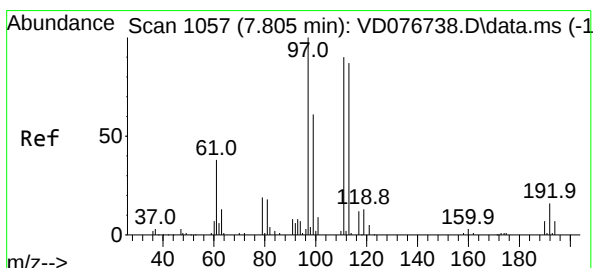
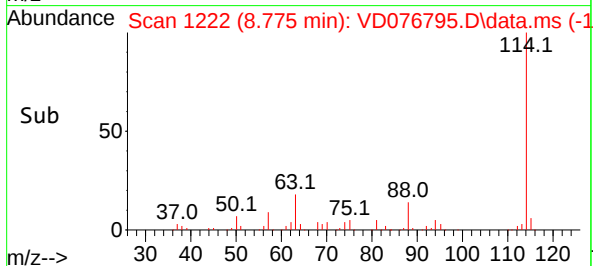
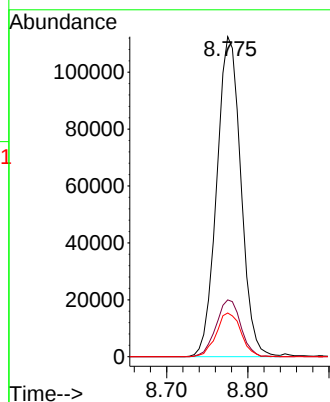
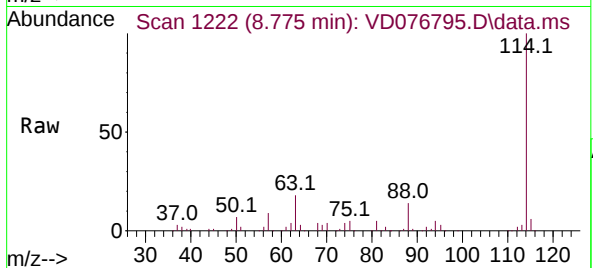
Tgt Ion:114 Resp: 232509

Ion Ratio Lower Upper

114 100

63 17.7 0.0 33.4

88 13.6 0.0 26.2



#35

Dibromofluoromethane

Concen: 56.676 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD076795.D

Acq: 19 Jul 2023 17:18

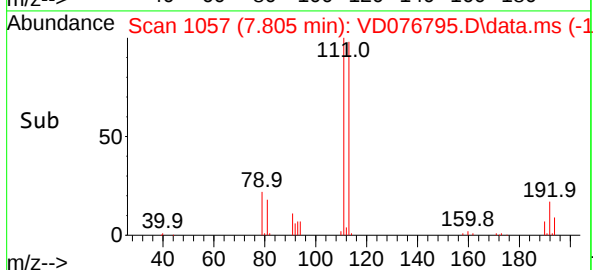
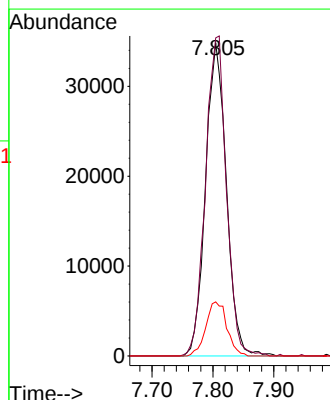
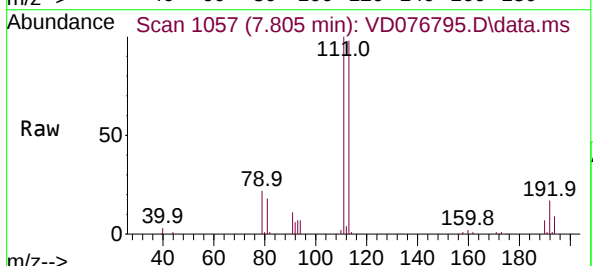
Tgt Ion:113 Resp: 82809

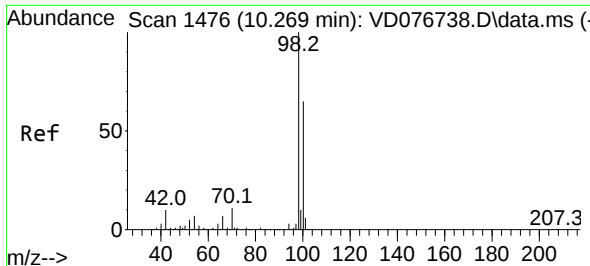
Ion Ratio Lower Upper

113 100

111 102.6 84.7 127.1

192 17.5 16.8 25.2

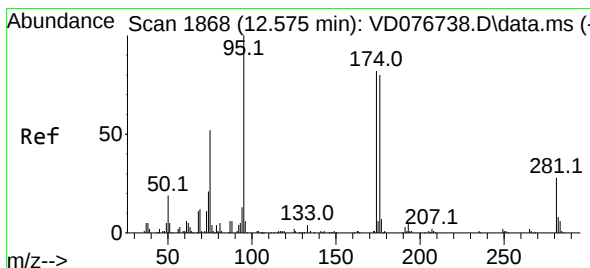
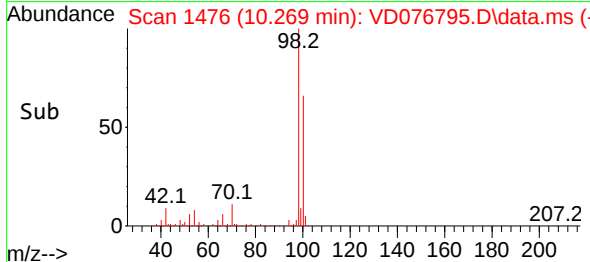
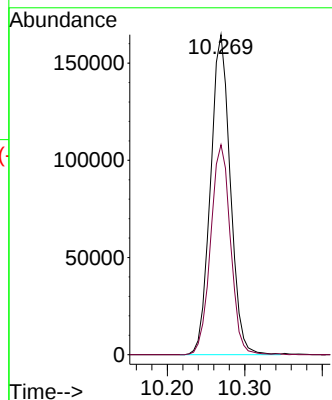
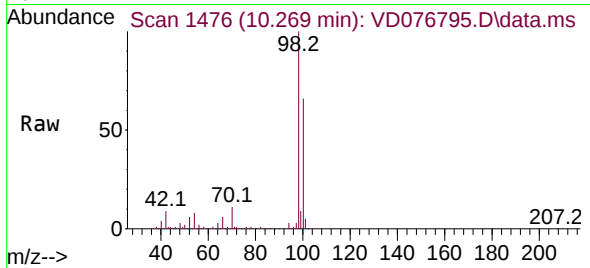




#50
Toluene-d8
Concen: 55.954 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076795.D
Acq: 19 Jul 2023 17:18

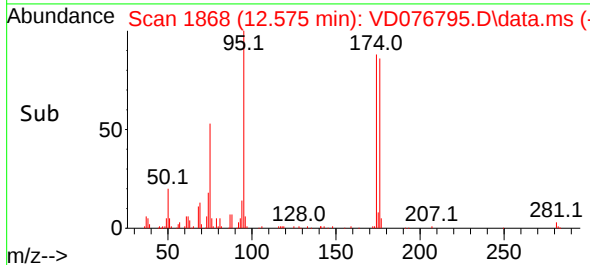
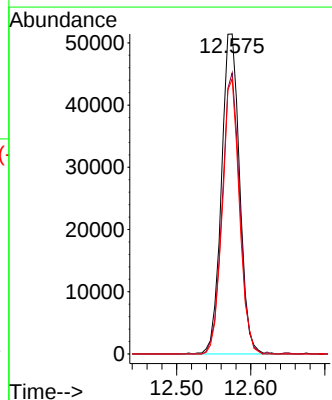
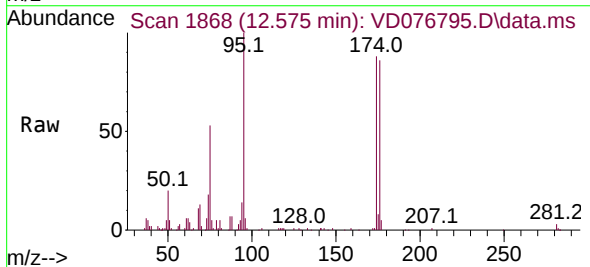
Instrument :
MSVOA_D
ClientSampleId :
HR-4-071823

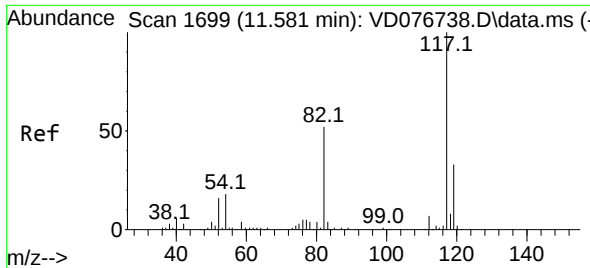
Tgt Ion: 98 Resp: 292465
Ion Ratio Lower Upper
98 100
100 65.8 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 51.637 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076795.D
Acq: 19 Jul 2023 17:18

Tgt Ion: 95 Resp: 87314
Ion Ratio Lower Upper
95 100
174 84.6 0.0 201.8
176 80.8 0.0 191.8

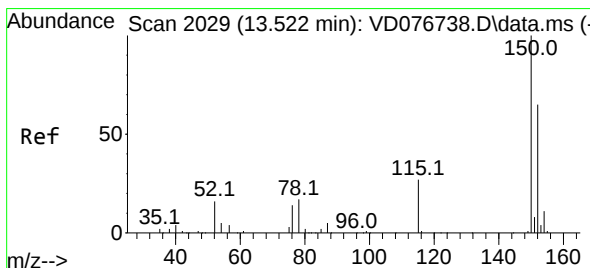
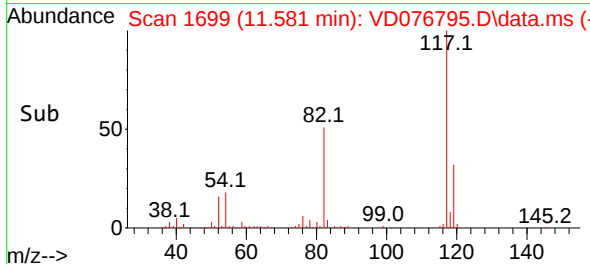
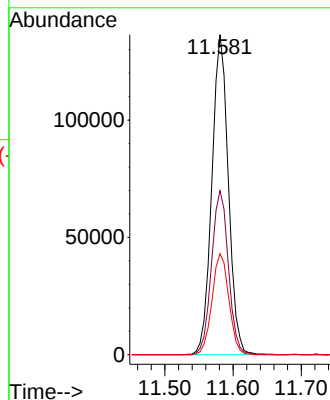
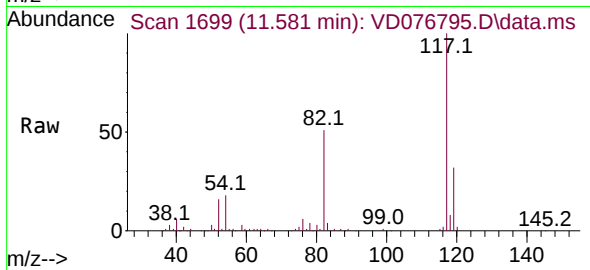




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD076795.D
Acq: 19 Jul 2023 17:18

Instrument :
MSVOA_D
ClientSampleId :
HR-4-071823

Tgt Ion:117 Resp: 229939
Ion Ratio Lower Upper
117 100
82 51.2 38.3 57.5
119 31.5 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: VD076795.D
Acq: 19 Jul 2023 17:18

Tgt Ion:152 Resp: 98048
Ion Ratio Lower Upper
152 100
115 57.9 27.1 81.3
150 157.6 0.0 353.6

