

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041823\
 Data File : VD075724.D
 Acq On : 18 Apr 2023 13:53
 Operator : KP/SY
 Sample : 02370-01
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HR-04-041423

Quant Time: Apr 19 01:23:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041323S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 13 14:16:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	26542	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	48698	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	62504	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	21691	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	24808	98.470	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	196.940%#
35) Dibromofluoromethane	7.805	113	21838	66.672	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	133.340%
50) Toluene-d8	10.269	98	58964	44.953	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	89.900%
62) 4-Bromofluorobenzene	12.575	95	21274	61.020	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	122.040%

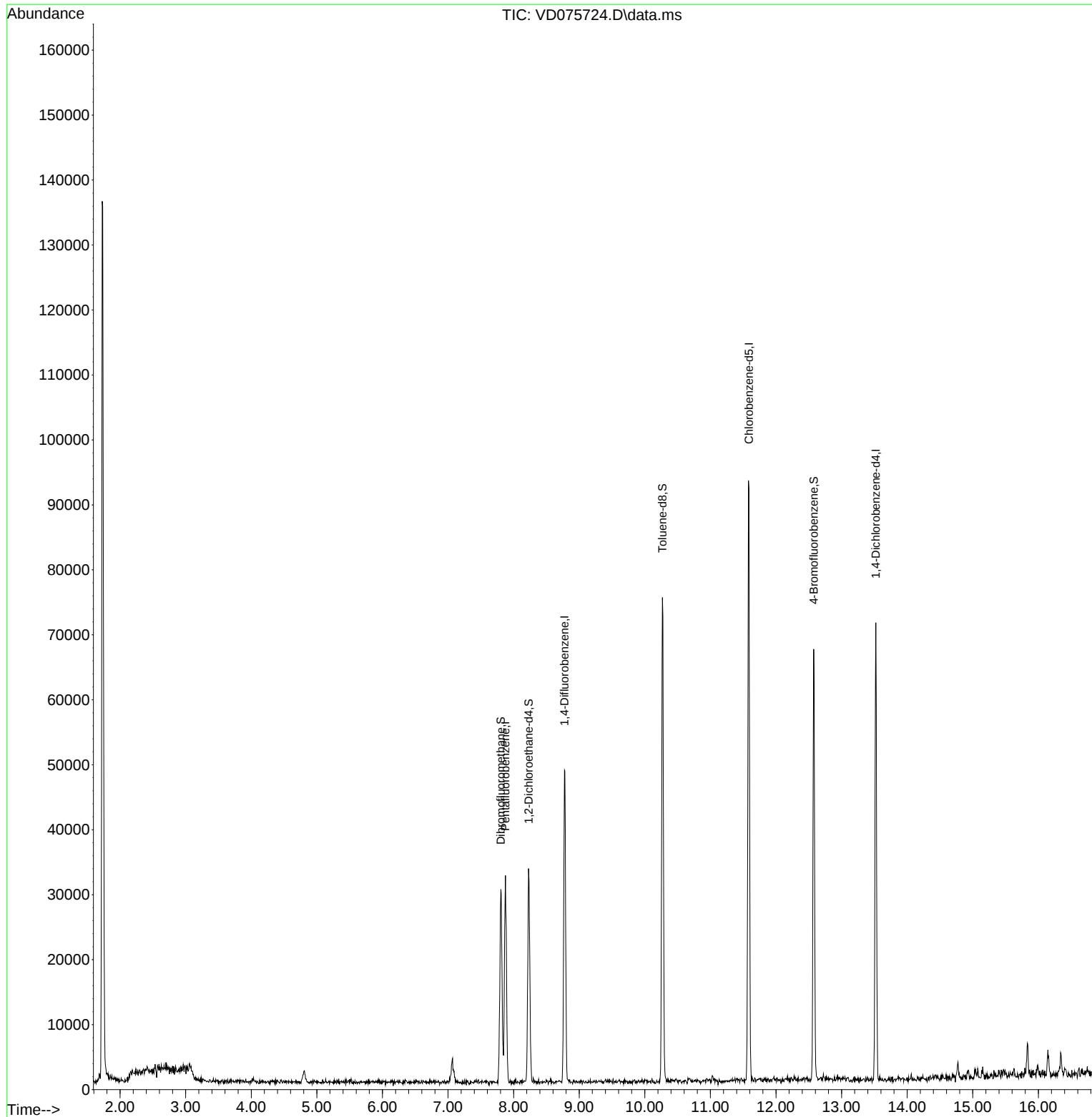
Target Compounds	Qvalue

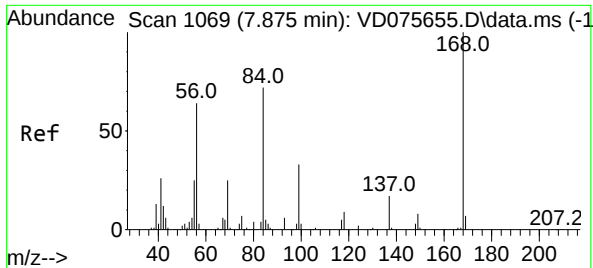
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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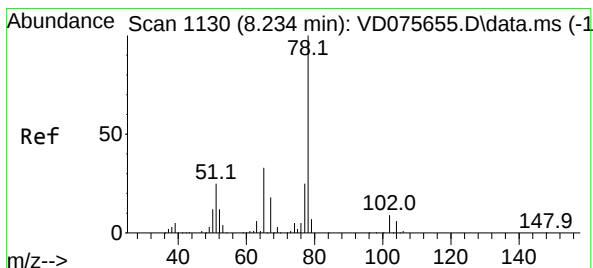
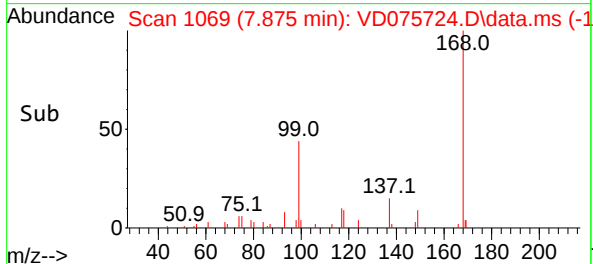
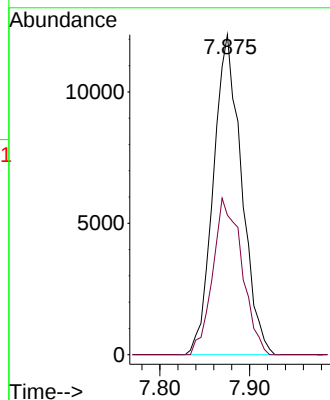
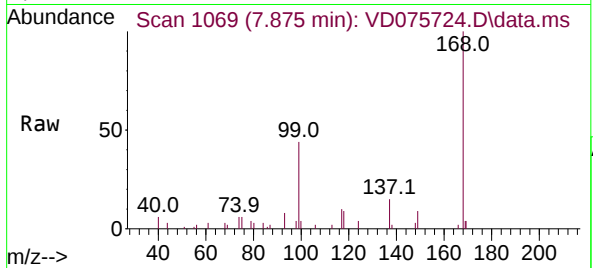




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD075724.D
Acq: 18 Apr 2023 13:53

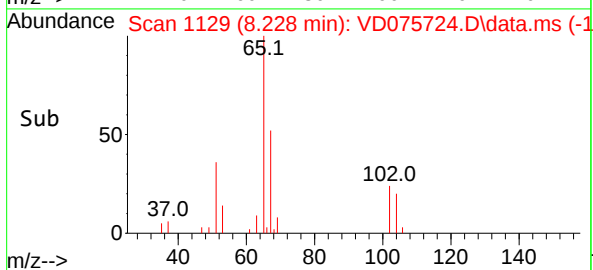
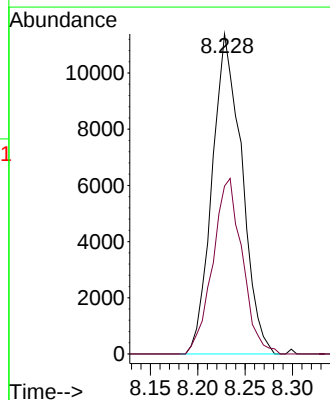
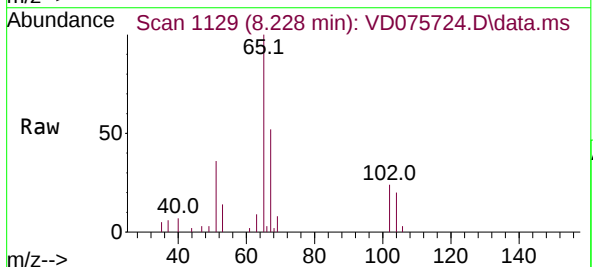
Instrument :
MSVOA_D
ClientSampleId :
HR-04-041423

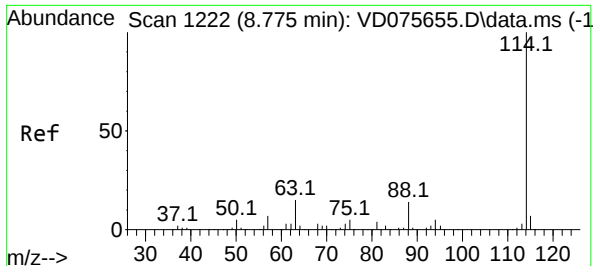
Tgt Ion:168 Resp: 26542
Ion Ratio Lower Upper
168 100
99 43.6 43.8 65.6#



#33
1,2-Dichloroethane-d4
Concen: 98.470 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD075724.D
Acq: 18 Apr 2023 13:53

Tgt Ion: 65 Resp: 24808
Ion Ratio Lower Upper
65 100
67 54.6 0.0 102.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD075724.D

Acq: 18 Apr 2023 13:53

Instrument :

MSVOA_D

ClientSampleId :

HR-04-041423

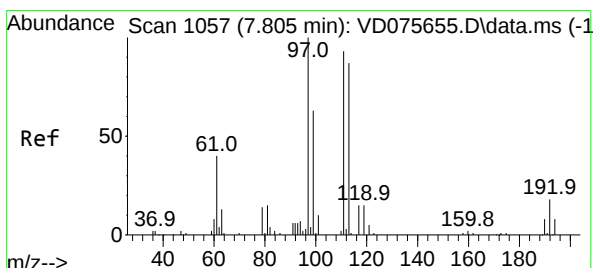
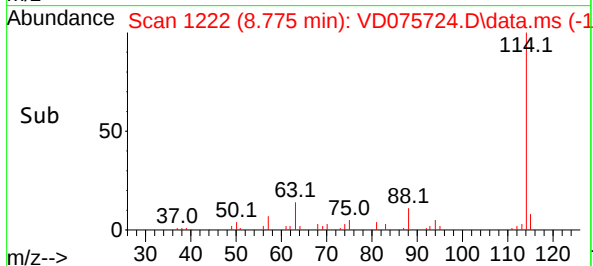
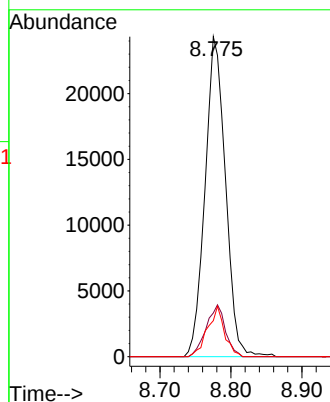
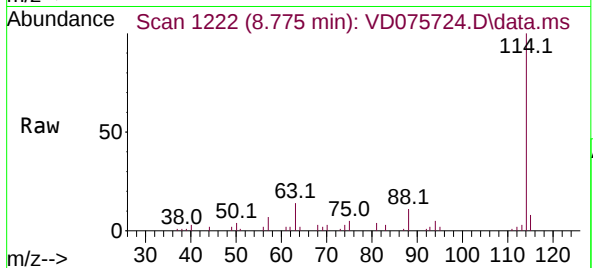
Tgt Ion:114 Resp: 48698

Ion Ratio Lower Upper

114 100

63 13.6 0.0 41.6

88 11.2 0.0 30.6



#35

Dibromofluoromethane

Concen: 66.672 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD075724.D

Acq: 18 Apr 2023 13:53

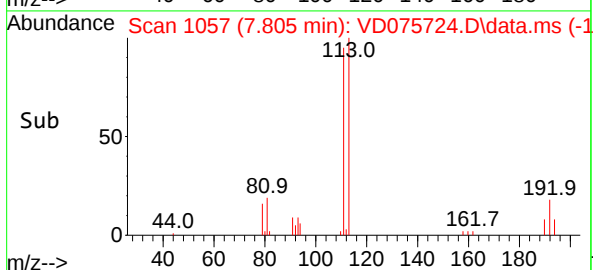
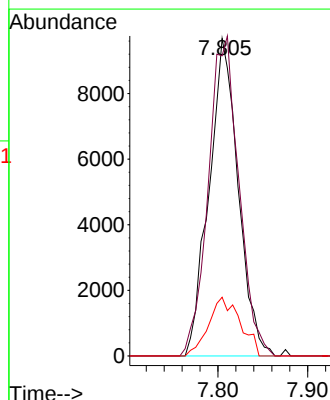
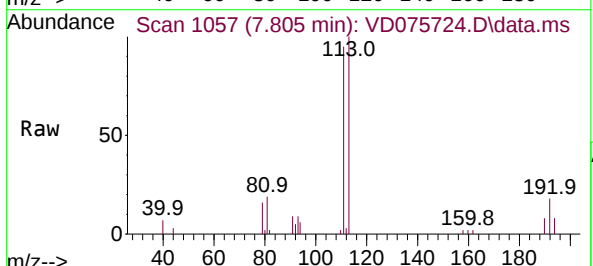
Tgt Ion:113 Resp: 21838

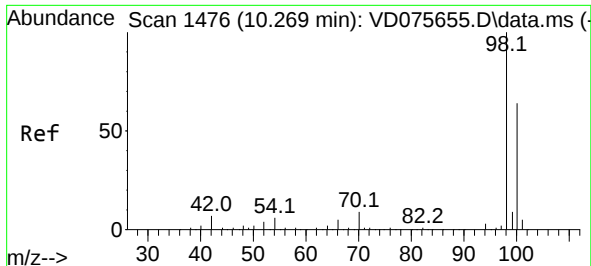
Ion Ratio Lower Upper

113 100

111 105.8 81.4 122.0

192 20.1 15.2 22.8

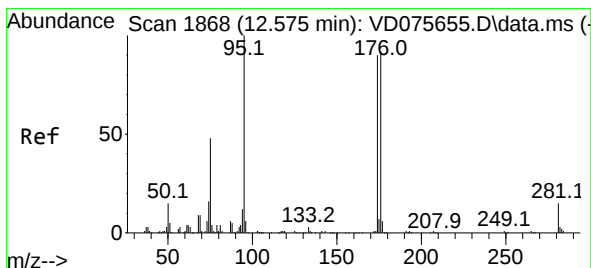
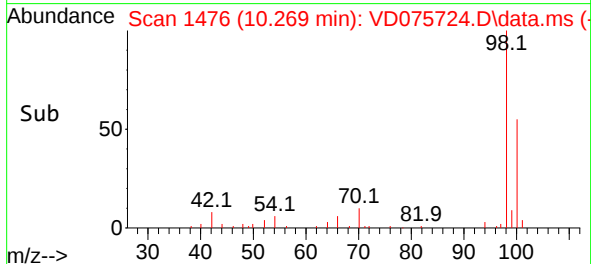
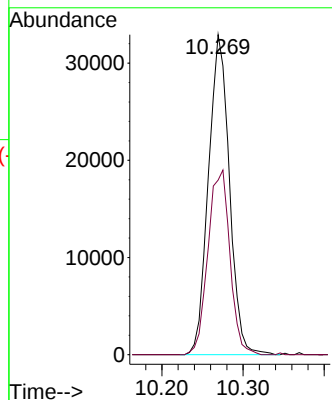
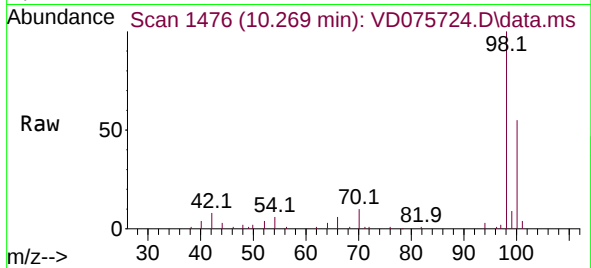




#50
Toluene-d8
Concen: 44.953 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075724.D
Acq: 18 Apr 2023 13:53

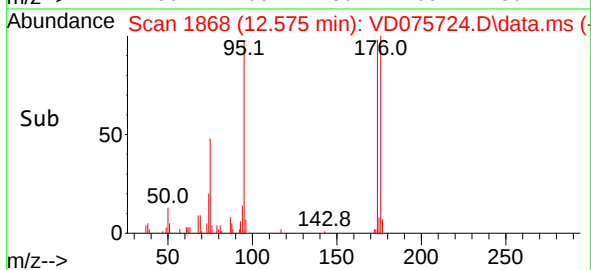
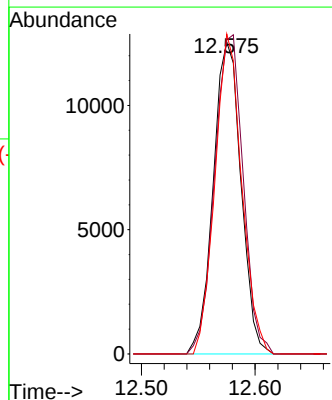
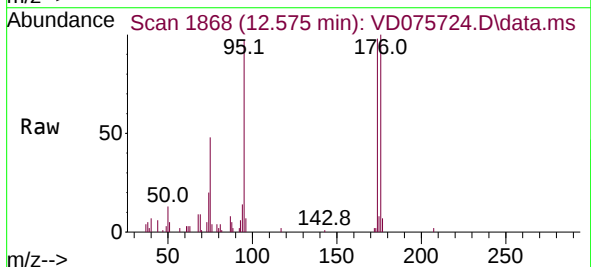
Instrument :
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HR-04-041423

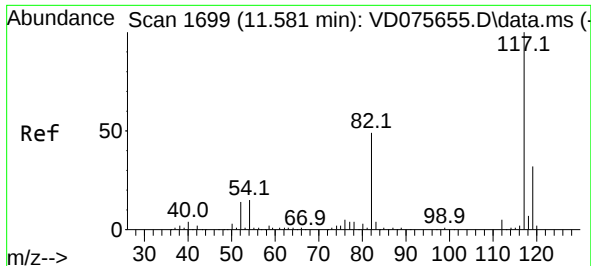
Tgt Ion: 98 Resp: 58964
Ion Ratio Lower Upper
98 100
100 60.4 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 61.020 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075724.D
Acq: 18 Apr 2023 13:53

Tgt Ion: 95 Resp: 21274
Ion Ratio Lower Upper
95 100
174 105.2 0.0 164.0
176 99.0 0.0 156.8

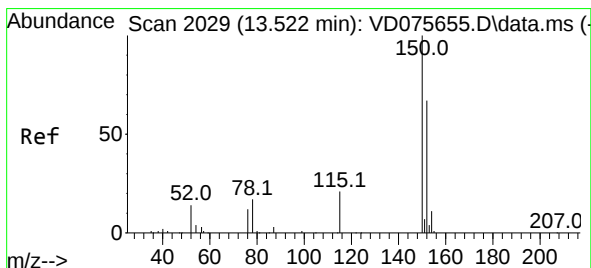
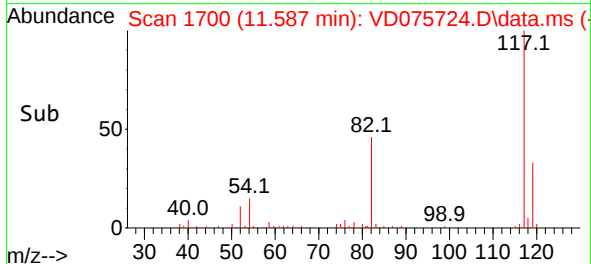
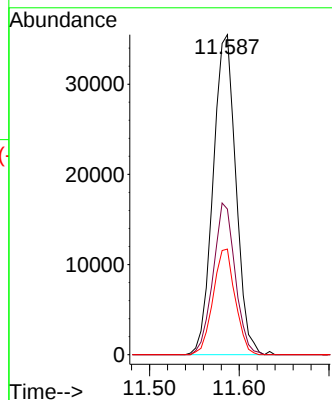
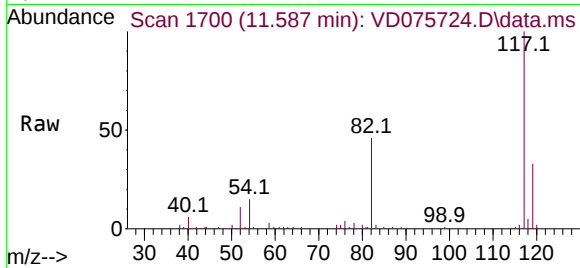




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD075724.D
Acq: 18 Apr 2023 13:53

Instrument :
MSVOA_D
ClientSampleId :
HR-04-041423

Tgt Ion:117 Resp: 62504
Ion Ratio Lower Upper
117 100
82 45.5 44.0 66.0
119 33.0 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD075724.D
Acq: 18 Apr 2023 13:53

Tgt Ion:152 Resp: 21691
Ion Ratio Lower Upper
152 100
115 49.7 30.1 90.3
150 149.6 0.0 364.8

