

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041823\
 Data File : VD075723.D
 Acq On : 18 Apr 2023 13:24
 Operator : KP/SY
 Sample : 02369-01
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SU-04-041423

Quant Time: Apr 19 01:23:13 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	7.881	168	14742	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	28120	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.586	117	26411	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	9244	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.233	65	13202	94.347	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	188.700%#
35) Dibromofluoromethane	7.804	113	13326	70.458	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	140.920%
50) Toluene-d8	10.269	98	33783	44.603	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	89.200%
62) 4-Bromofluorobenzene	12.574	95	8443	41.939	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	83.880%

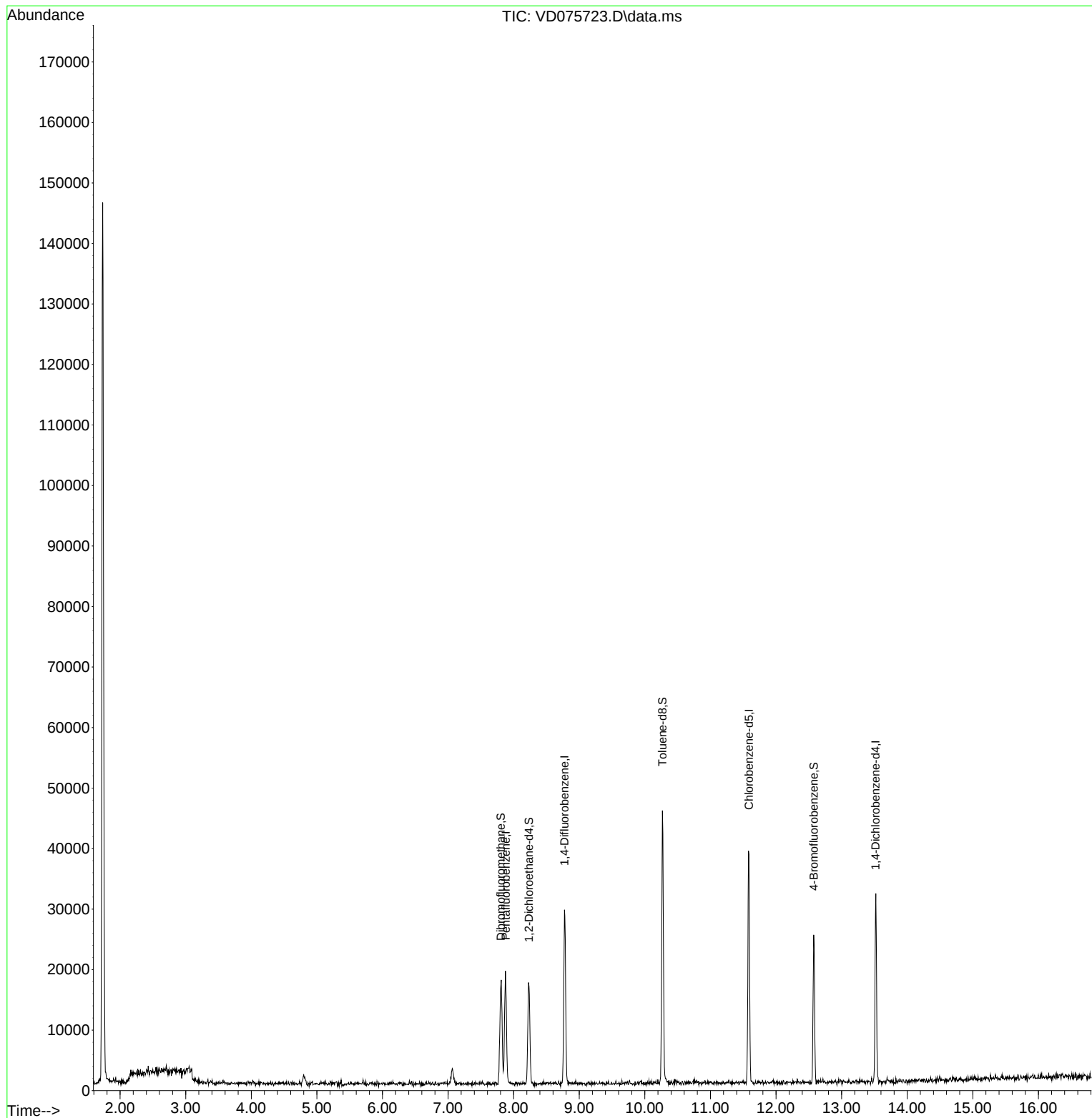
Target Compounds	Qvalue

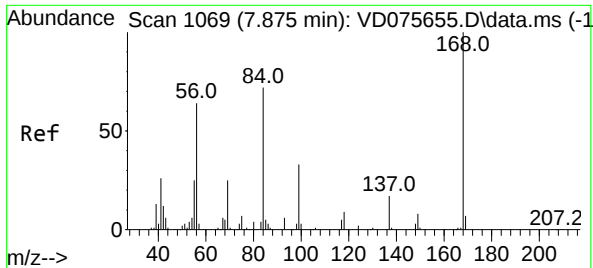
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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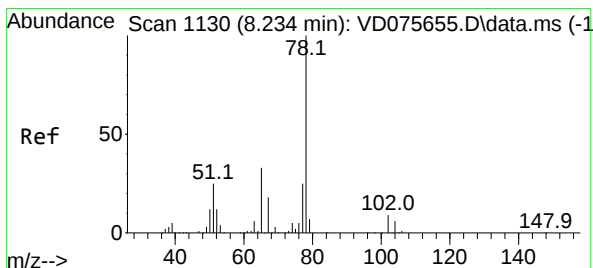
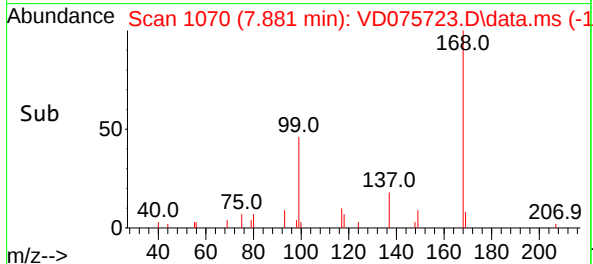
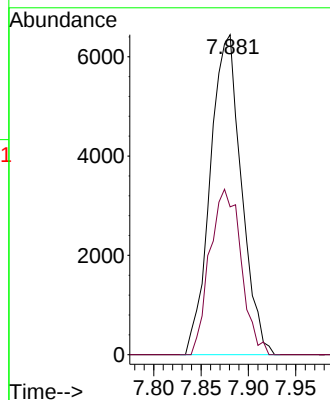
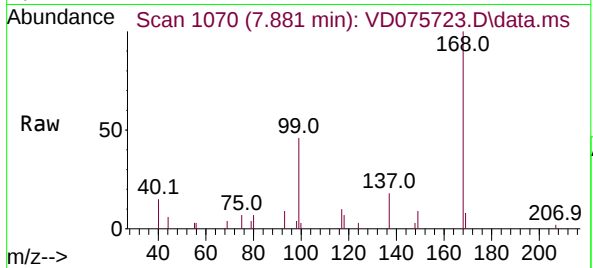




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD075723.D
Acq: 18 Apr 2023 13:24

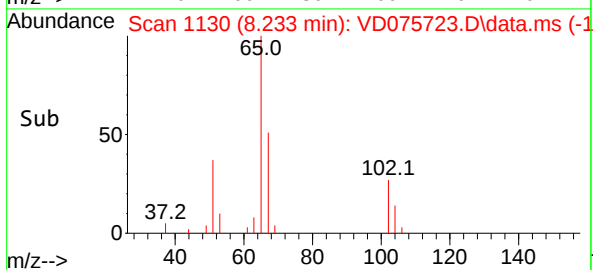
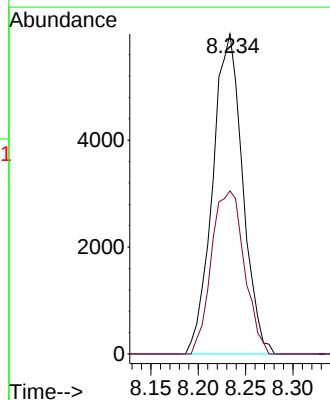
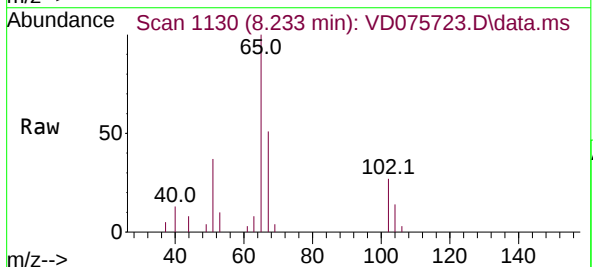
Instrument :
MSVOA_D
ClientSampleId :
SU-04-041423

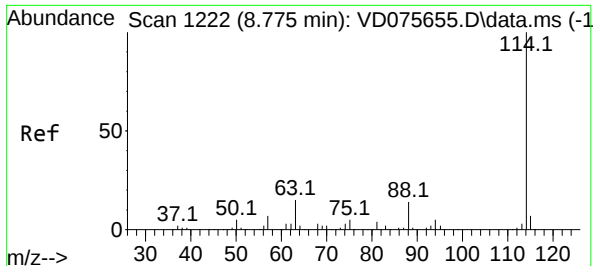
Tgt Ion:168 Resp: 14742
Ion Ratio Lower Upper
168 100
99 46.2 43.8 65.6



#33
1,2-Dichloroethane-d4
Concen: 94.347 ug/l
RT: 8.233 min Scan# 1130
Delta R.T. -0.001 min
Lab File: VD075723.D
Acq: 18 Apr 2023 13:24

Tgt Ion: 65 Resp: 13202
Ion Ratio Lower Upper
65 100
67 55.8 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: VD075723.D

Acq: 18 Apr 2023 13:24

Instrument :

MSVOA_D

ClientSampleId :

SU-04-041423

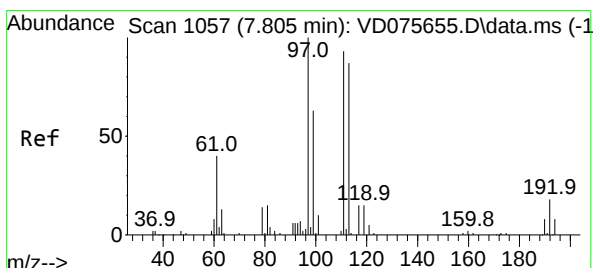
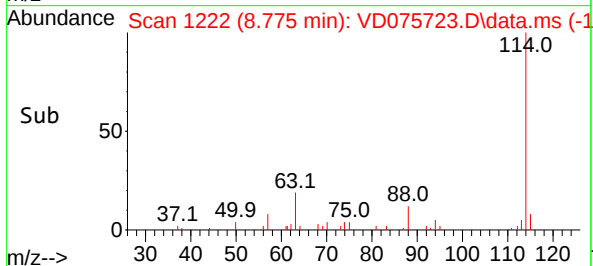
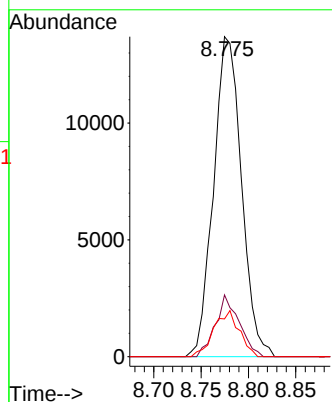
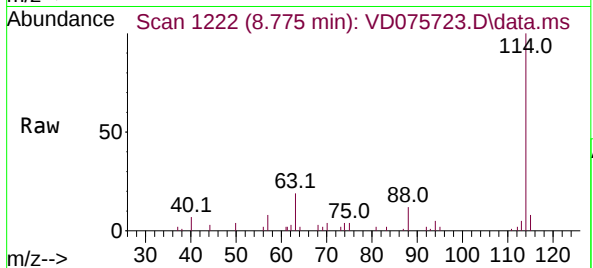
Tgt Ion:114 Resp: 28120

Ion Ratio Lower Upper

114 100

63 19.3 0.0 41.6

88 11.8 0.0 30.6



#35

Dibromofluoromethane

Concen: 70.458 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.001 min

Lab File: VD075723.D

Acq: 18 Apr 2023 13:24

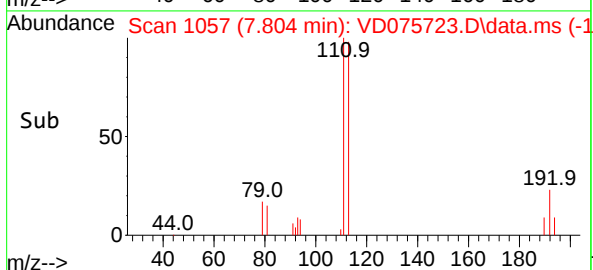
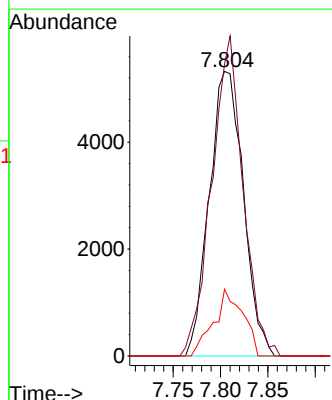
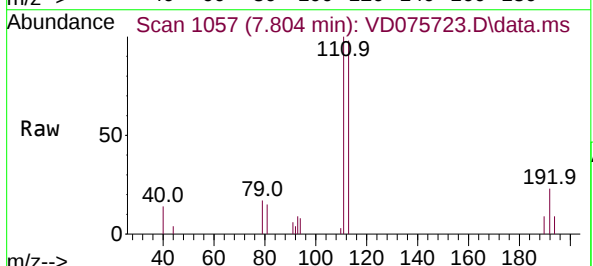
Tgt Ion:113 Resp: 13326

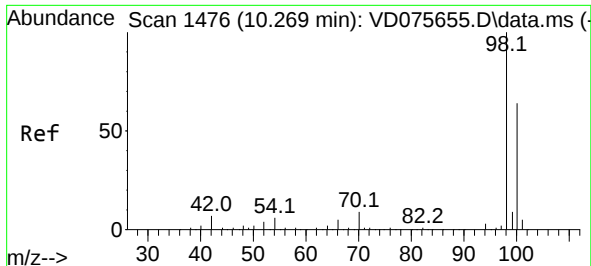
Ion Ratio Lower Upper

113 100

111 103.4 81.4 122.0

192 20.0 15.2 22.8

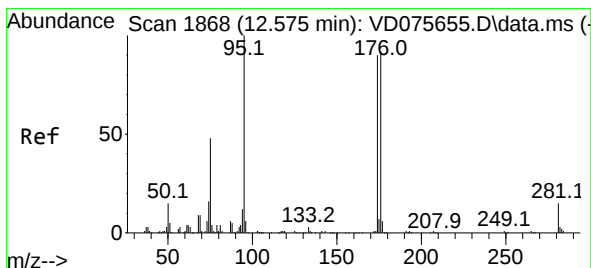
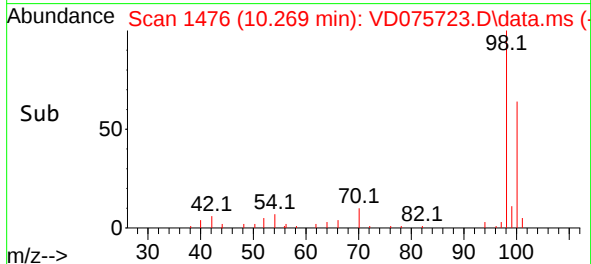
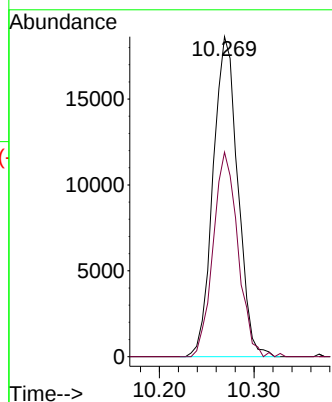
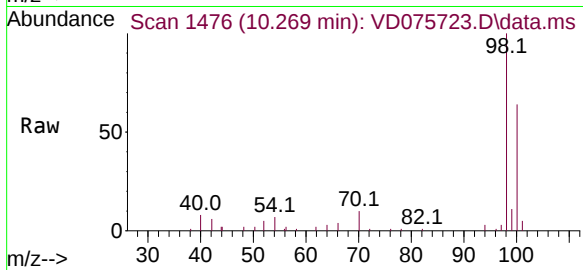




#50
Toluene-d8
Concen: 44.603 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD075723.D
Acq: 18 Apr 2023 13:24

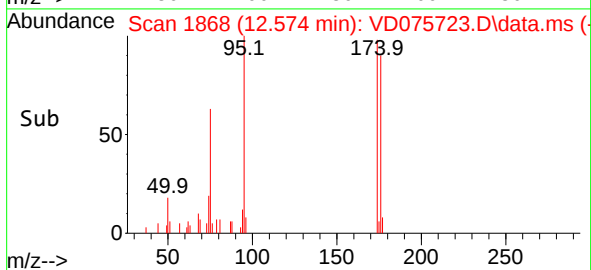
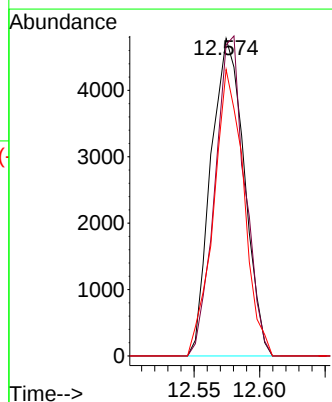
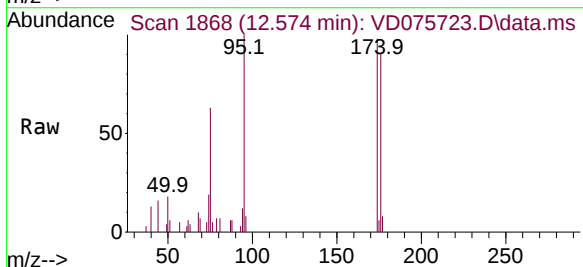
Instrument :
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SU-04-041423

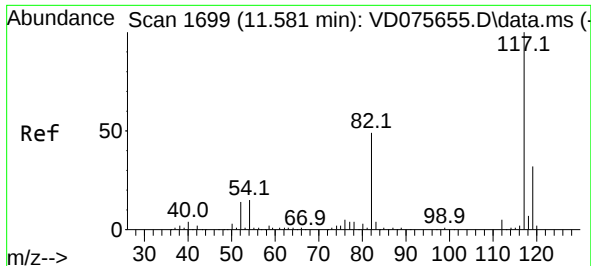
Tgt Ion: 98 Resp: 33783
Ion Ratio Lower Upper
98 100
100 64.0 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 41.939 ug/l
RT: 12.574 min Scan# 1868
Delta R.T. -0.001 min
Lab File: VD075723.D
Acq: 18 Apr 2023 13:24

Tgt Ion: 95 Resp: 8443
Ion Ratio Lower Upper
95 100
174 90.4 0.0 164.0
176 81.6 0.0 156.8

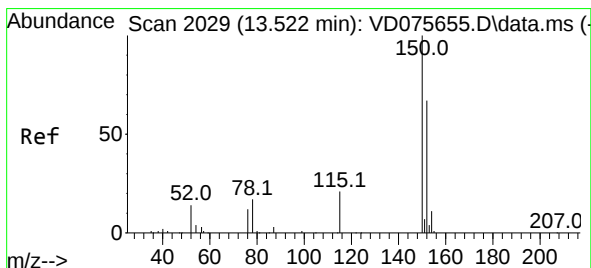
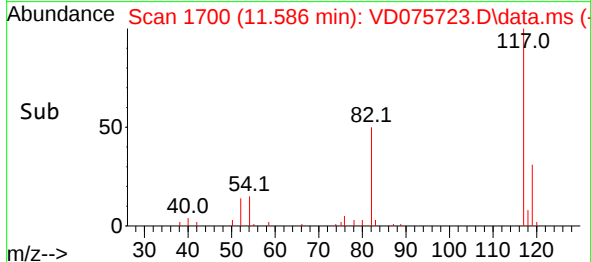
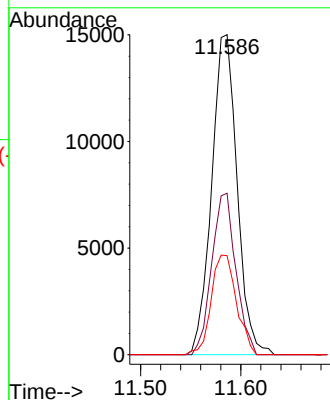
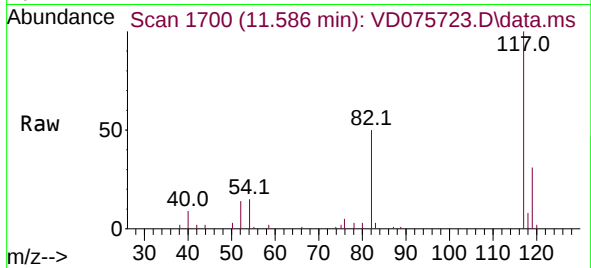




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.586 min Scan# 11
Delta R.T. 0.005 min
Lab File: VD075723.D
Acq: 18 Apr 2023 13:24

Instrument :
MSVOA_D
ClientSampleId :
SU-04-041423

Tgt Ion:117 Resp: 26411
Ion Ratio Lower Upper
117 100
82 50.4 44.0 66.0
119 31.0 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD075723.D
Acq: 18 Apr 2023 13:24

Tgt Ion:152 Resp: 9244
Ion Ratio Lower Upper
152 100
115 60.8 30.1 90.3
150 156.4 0.0 364.8

