

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042423\
 Data File : VD075799.D
 Acq On : 24 Apr 2023 17:50
 Operator : KP/SY
 Sample : 02464-01
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MH-91

Quant Time: Apr 25 06:11:03 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	189848	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	364493	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	294636	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	78333	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	110847	61.512	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	123.020%
35) Dibromofluoromethane	7.805	113	135504	55.272	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.540%
50) Toluene-d8	10.269	98	472679	48.146	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.300%
62) 4-Bromofluorobenzene	12.575	95	84474	32.372	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	64.740%

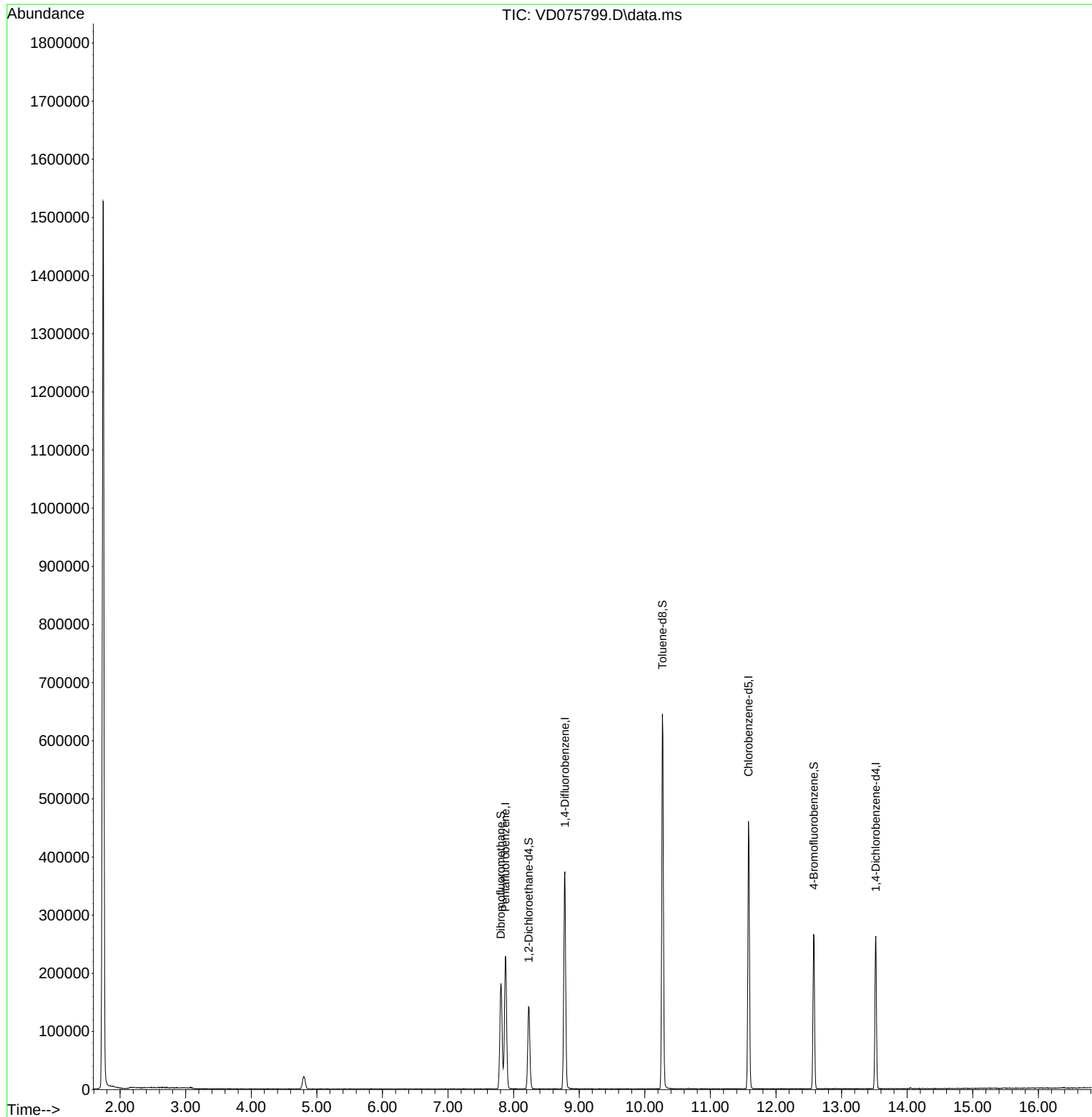
Target Compounds	Qvalue

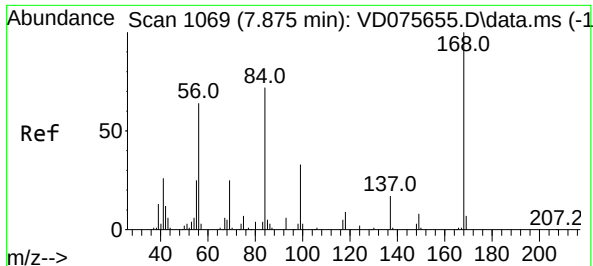
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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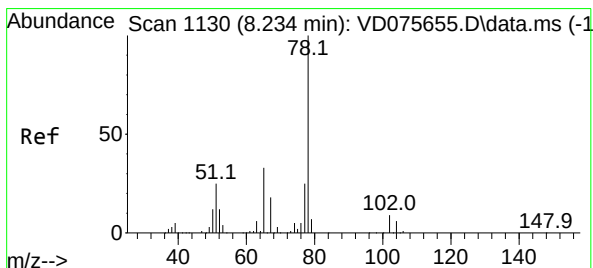
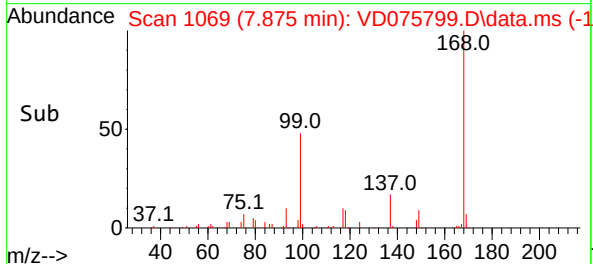
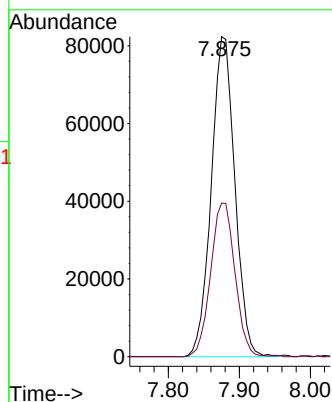
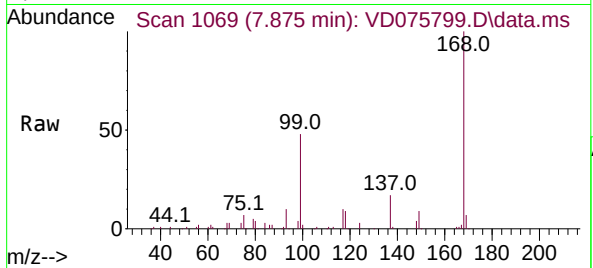




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD075799.D
Acq: 24 Apr 2023 17:50

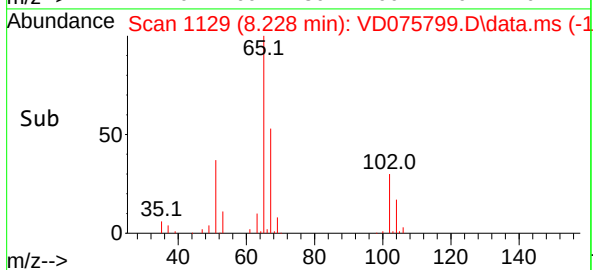
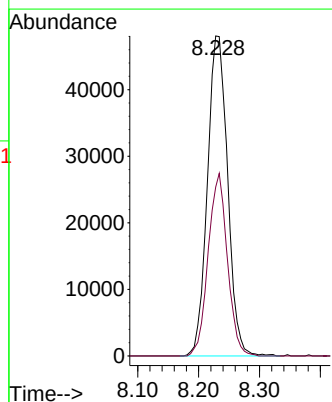
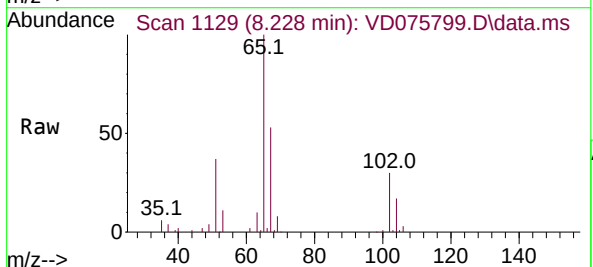
Instrument :
MSVOA_D
ClientSampleId :
MH-91

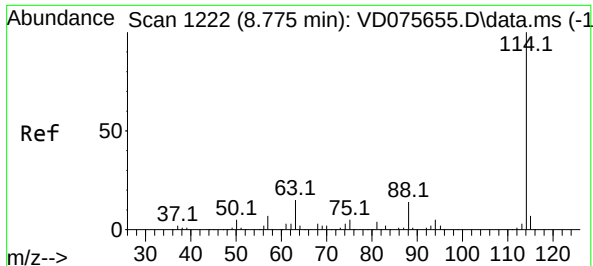
Tgt Ion:168 Resp: 189848
Ion Ratio Lower Upper
168 100
99 48.0 43.8 65.6



#33
1,2-Dichloroethane-d4
Concen: 61.512 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD075799.D
Acq: 24 Apr 2023 17:50

Tgt Ion: 65 Resp: 110847
Ion Ratio Lower Upper
65 100
67 54.2 0.0 102.2

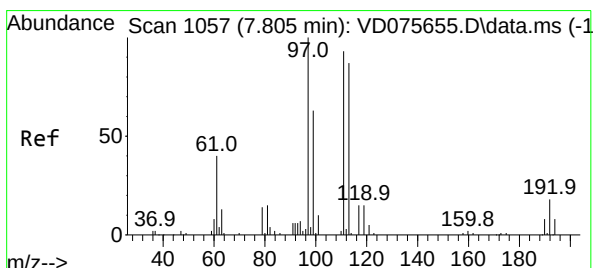
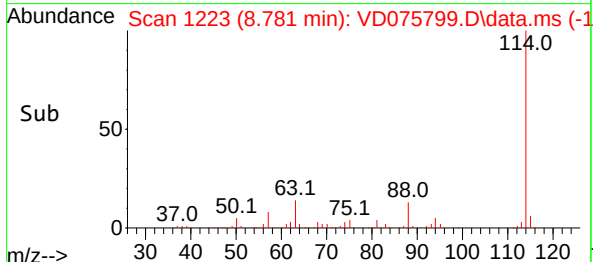
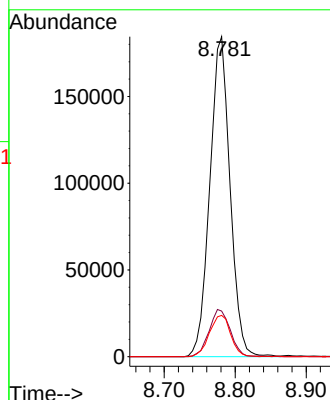
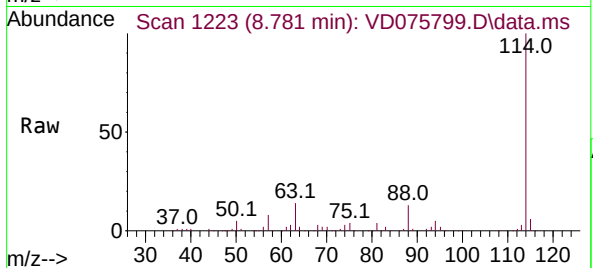




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD075799.D
Acq: 24 Apr 2023 17:50

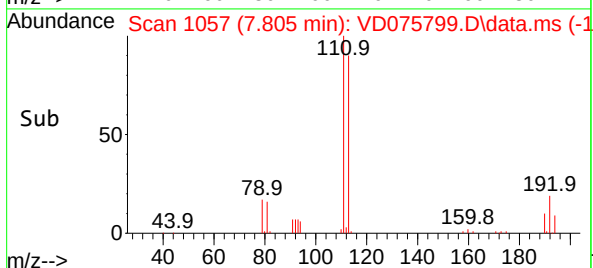
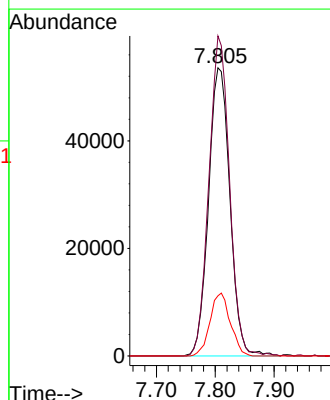
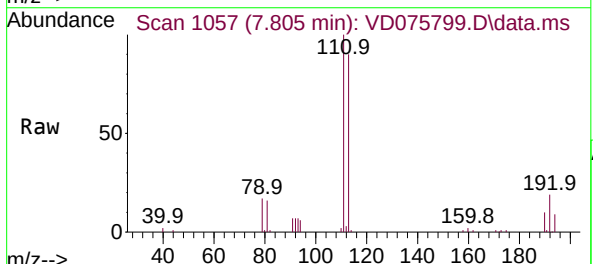
Instrument :
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ClientSampleId :
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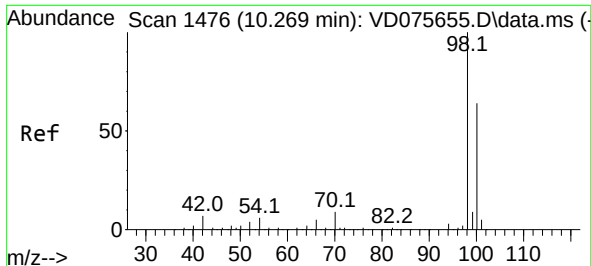
Tgt Ion:114 Resp: 364493
Ion Ratio Lower Upper
114 100
63 14.3 0.0 41.6
88 12.9 0.0 30.6



#35
Dibromofluoromethane
Concen: 55.272 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD075799.D
Acq: 24 Apr 2023 17:50

Tgt Ion:113 Resp: 135504
Ion Ratio Lower Upper
113 100
111 106.8 81.4 122.0
192 20.7 15.2 22.8

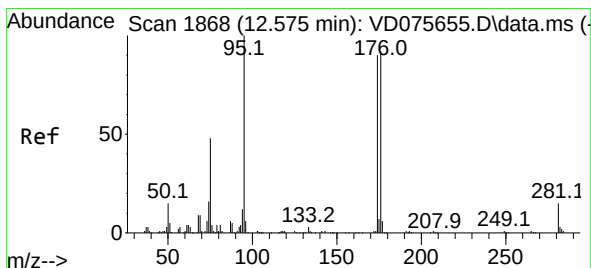
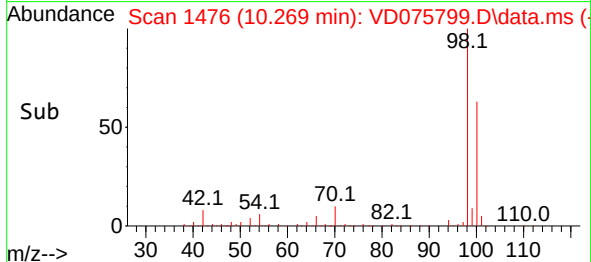
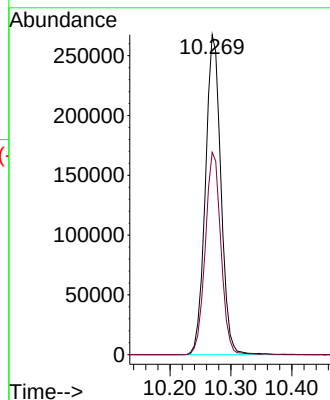
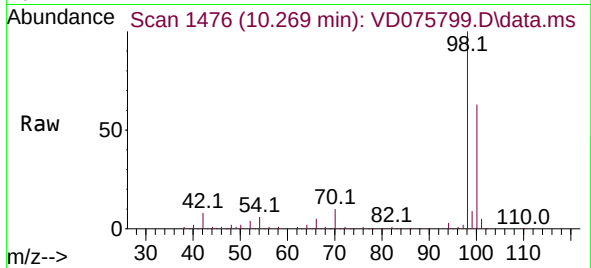




#50
Toluene-d8
Concen: 48.146 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075799.D
Acq: 24 Apr 2023 17:50

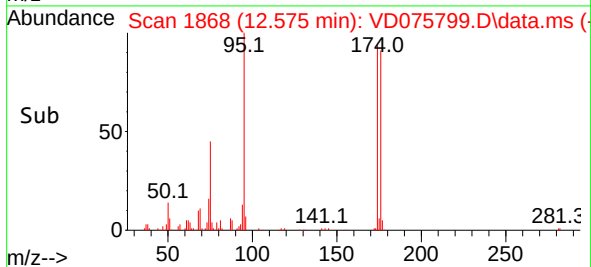
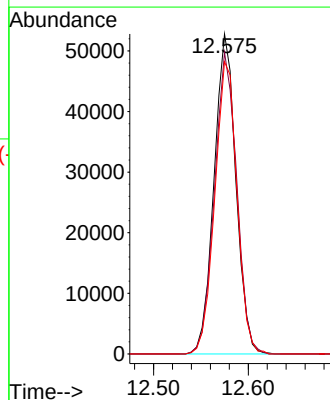
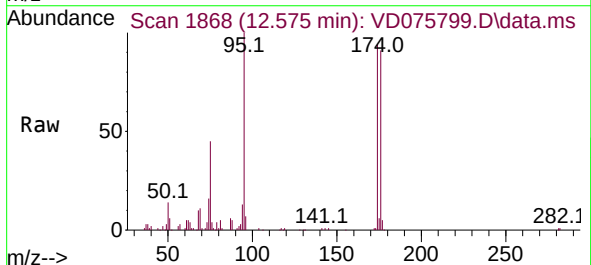
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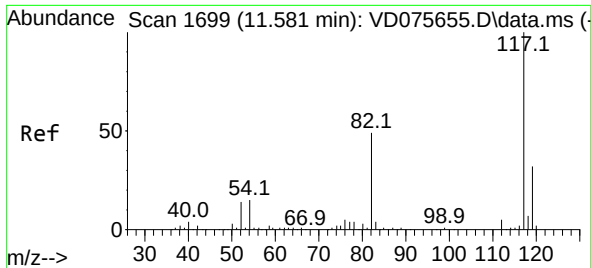
Tgt Ion: 98 Resp: 472679
Ion Ratio Lower Upper
98 100
100 63.8 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 32.372 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075799.D
Acq: 24 Apr 2023 17:50

Tgt Ion: 95 Resp: 84474
Ion Ratio Lower Upper
95 100
174 96.2 0.0 164.0
176 92.9 0.0 156.8

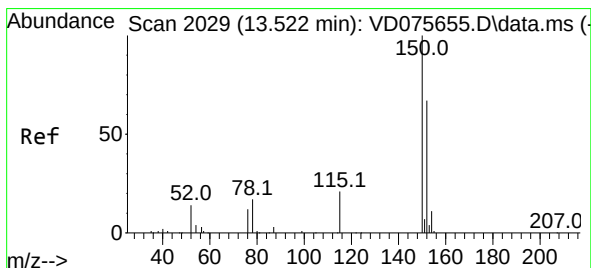
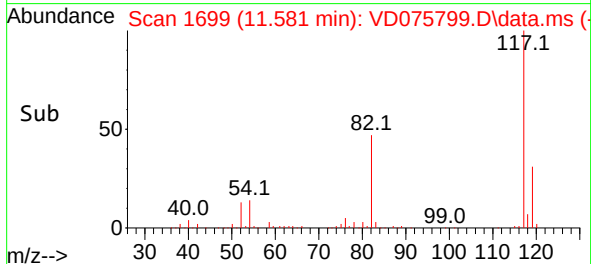
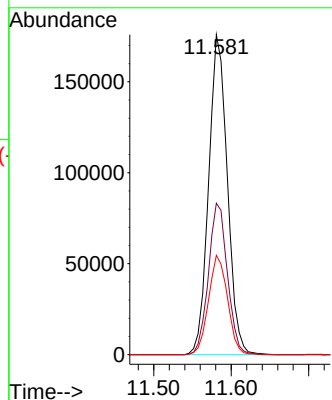
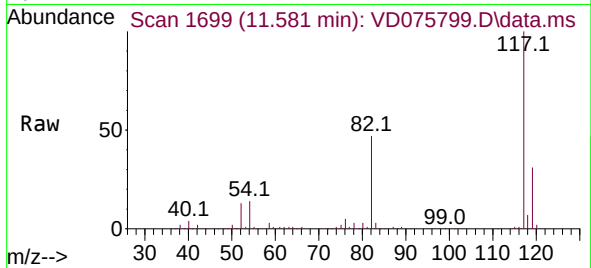




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD075799.D
Acq: 24 Apr 2023 17:50

Instrument :
MSVOA_D
ClientSampleId :
MH-91

Tgt Ion:117 Resp: 294636
Ion Ratio Lower Upper
117 100
82 47.3 44.0 66.0
119 31.1 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: VD075799.D
Acq: 24 Apr 2023 17:50

Tgt Ion:152 Resp: 78333
Ion Ratio Lower Upper
152 100
115 53.1 30.1 90.3
150 158.0 0.0 364.8

