

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060623\
 Data File : VD076347.D
 Acq On : 06 Jun 2023 18:34
 Operator : KP/SY
 Sample : 03049-01
 Misc : 5.03G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HR-01-060523

Quant Time: Jun 07 06:12:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060523S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 06 02:52:23 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	197782	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	387488	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	374289	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	168671	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	115151	64.979	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	129.960%
35) Dibromofluoromethane	7.804	113	143260	58.229	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	116.460%
50) Toluene-d8	10.269	98	414386	42.303	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	84.600%
62) 4-Bromofluorobenzene	12.575	95	124145	47.889	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	95.780%

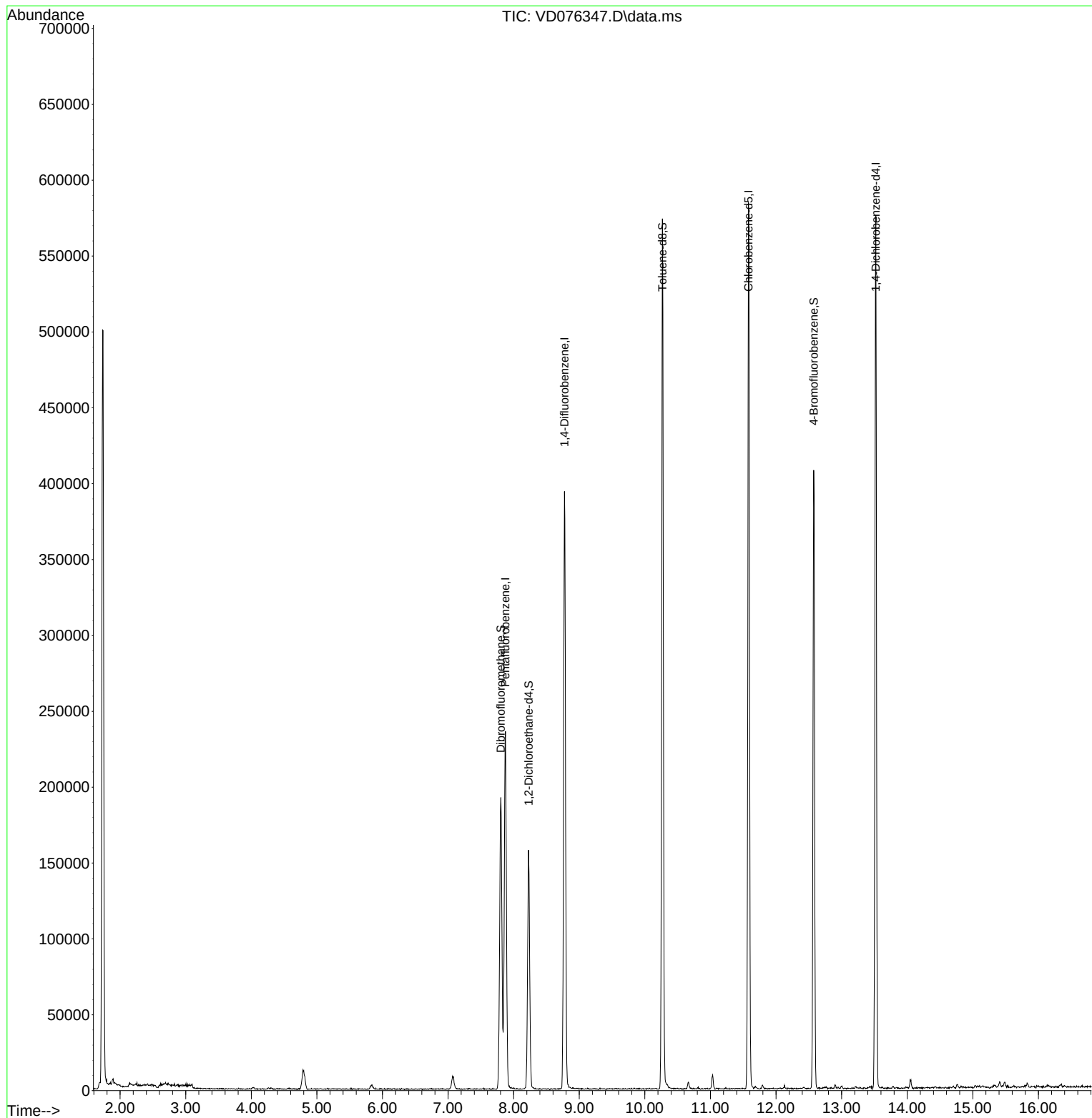
Target Compounds	Qvalue

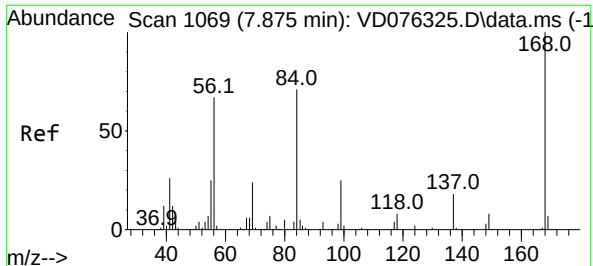
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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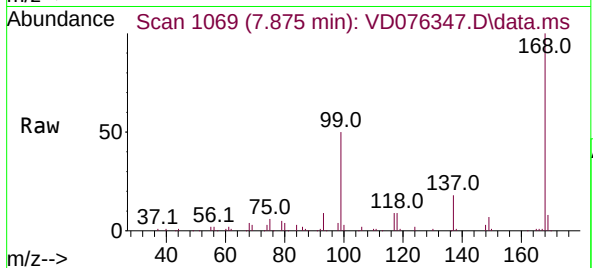
Quant Time: Jun 07 06:12:01 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060523S.M
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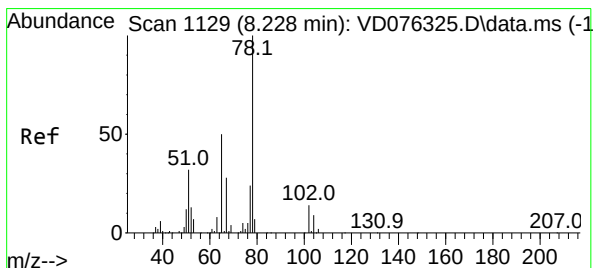
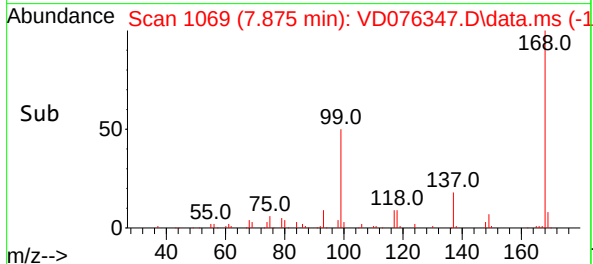
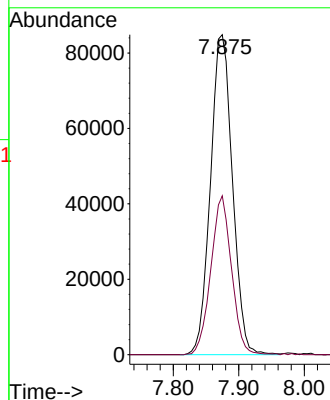


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD076347.D
Acq: 06 Jun 2023 18:34

Instrument :
MSVOA_D
ClientSampleId :
HR-01-060523

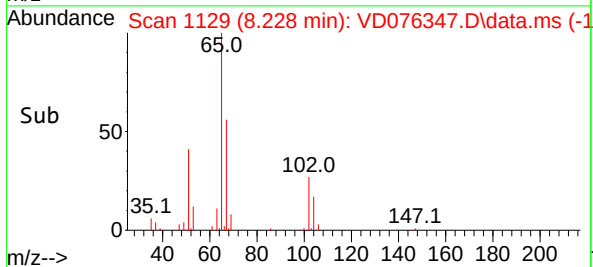
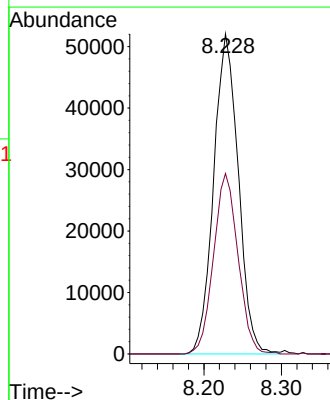
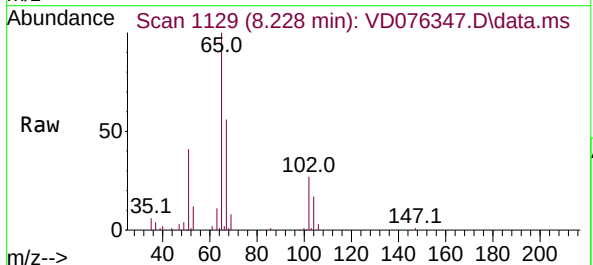


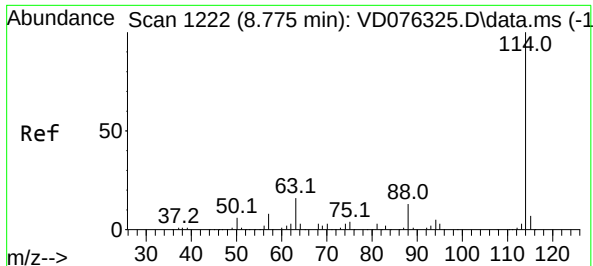
Tgt Ion:168 Resp: 197782
Ion Ratio Lower Upper
168 100
99 49.7 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 64.979 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD076347.D
Acq: 06 Jun 2023 18:34

Tgt Ion: 65 Resp: 115151
Ion Ratio Lower Upper
65 100
67 56.0 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: VD076347.D

Acq: 06 Jun 2023 18:34

Instrument :

MSVOA_D

ClientSampleId :

HR-01-060523

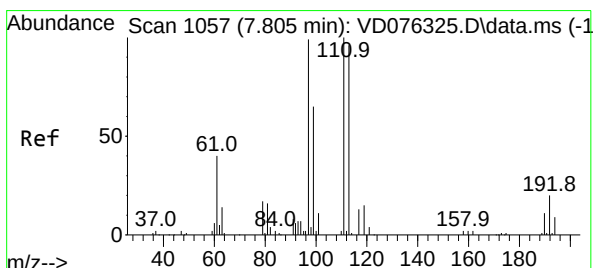
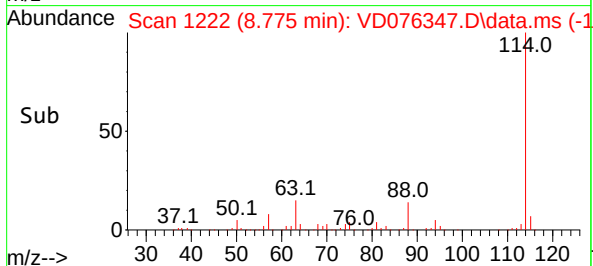
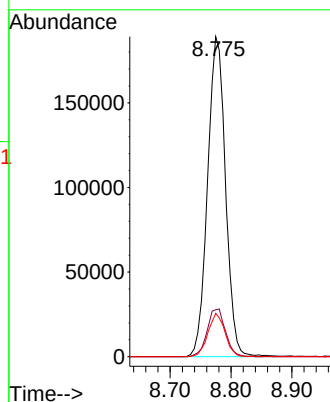
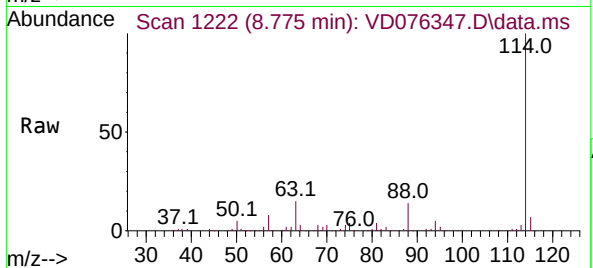
Tgt Ion:114 Resp: 387488

Ion Ratio Lower Upper

114 100

63 14.6 0.0 33.4

88 13.6 0.0 26.2



#35

Dibromofluoromethane

Concen: 58.229 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD076347.D

Acq: 06 Jun 2023 18:34

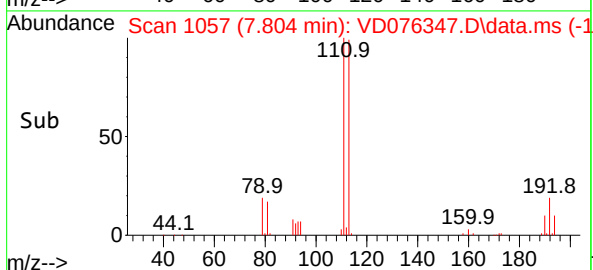
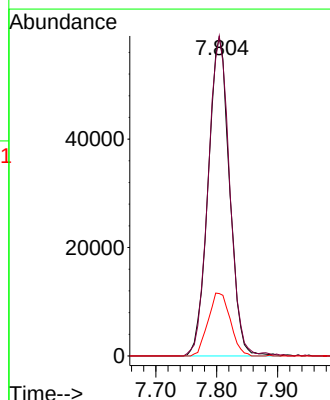
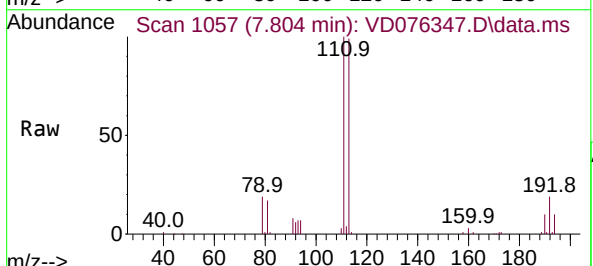
Tgt Ion:113 Resp: 143260

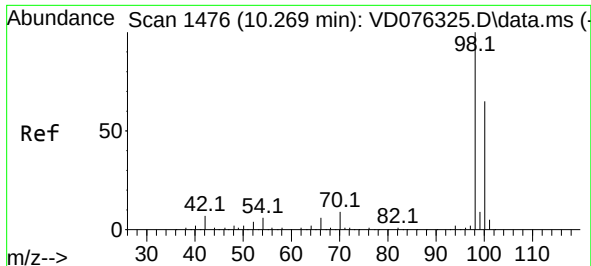
Ion Ratio Lower Upper

113 100

111 100.5 84.7 127.1

192 20.5 16.8 25.2

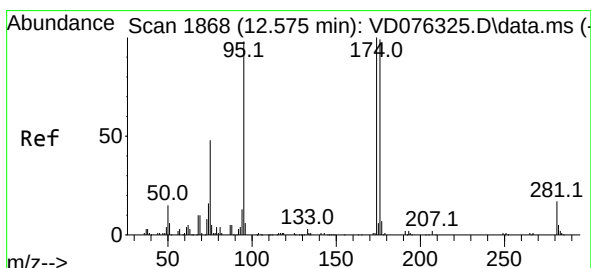
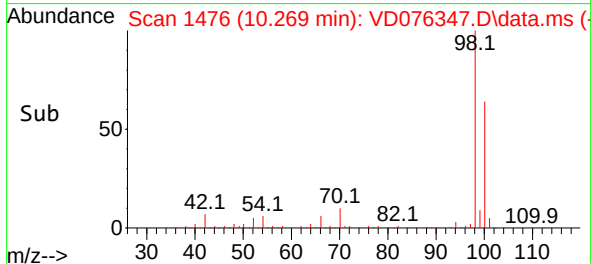
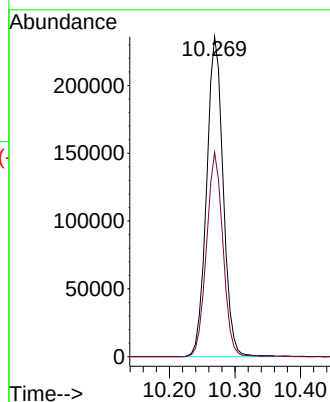
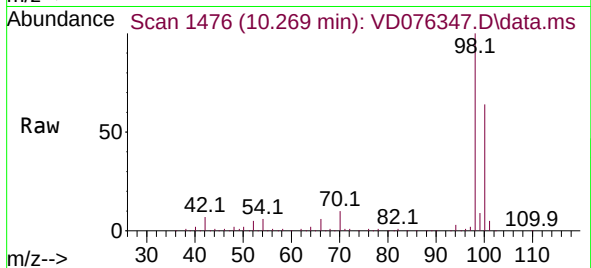




#50
Toluene-d8
Concen: 42.303 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD076347.D
Acq: 06 Jun 2023 18:34

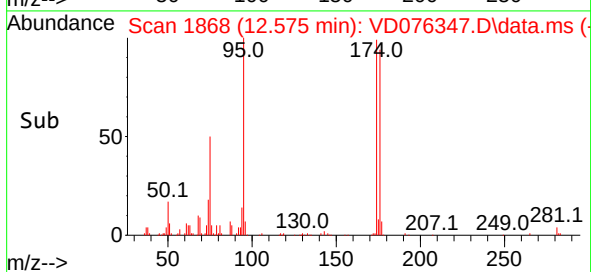
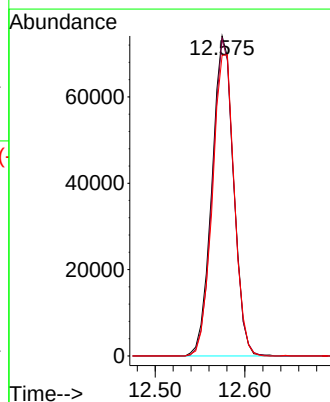
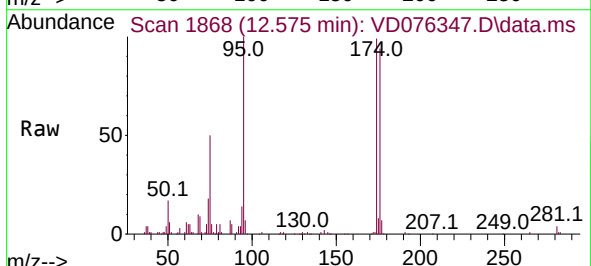
Instrument :
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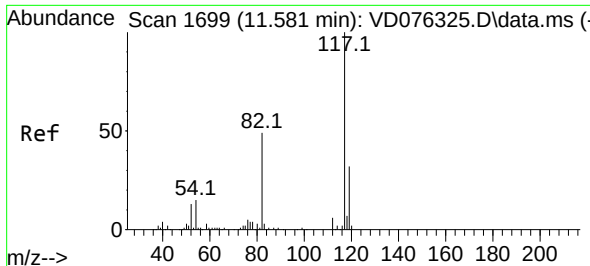
Tgt Ion: 98 Resp: 414386
Ion Ratio Lower Upper
98 100
100 63.3 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 47.889 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076347.D
Acq: 06 Jun 2023 18:34

Tgt Ion: 95 Resp: 124145
Ion Ratio Lower Upper
95 100
174 96.6 0.0 201.8
176 94.9 0.0 191.8

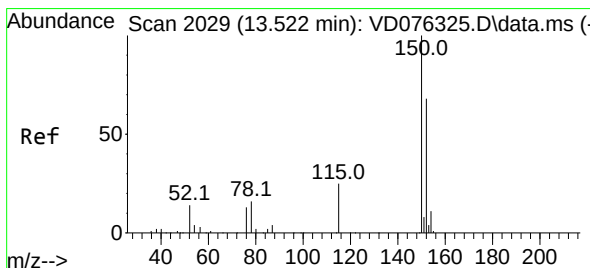
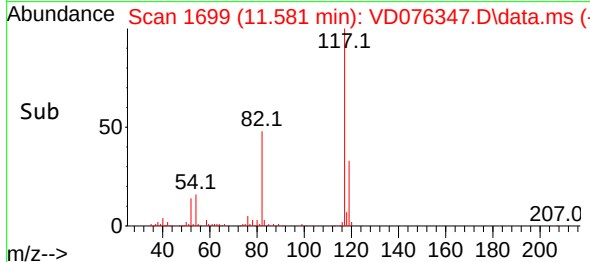
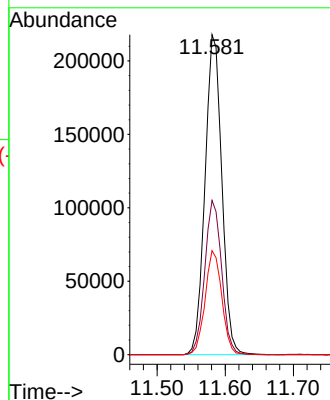
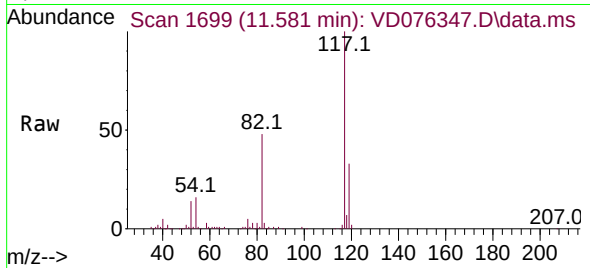




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076347.D
Acq: 06 Jun 2023 18:34

Instrument :
MSVOA_D
ClientSampleId :
HR-01-060523

Tgt Ion:117 Resp: 374289
Ion Ratio Lower Upper
117 100
82 48.2 38.3 57.5
119 32.5 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD076347.D
Acq: 06 Jun 2023 18:34

Tgt Ion:152 Resp: 168671
Ion Ratio Lower Upper
152 100
115 51.8 27.1 81.3
150 159.5 0.0 353.6

