

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080723\
 Data File : VD076942.D
 Acq On : 07 Aug 2023 20:24
 Operator : KP/SY
 Sample : 03903-05
 Misc : 5.04G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MW-05

Quant Time: Aug 08 04:42:08 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	7.869	168	158434	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	336060	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	338721	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	154187	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	100324	63.575	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	127.140%
35) Dibromofluoromethane	7.804	113	114959	54.436	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.880%
50) Toluene-d8	10.269	98	412111	54.550	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	109.100%
62) 4-Bromofluorobenzene	12.575	95	131769	53.916	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	107.840%

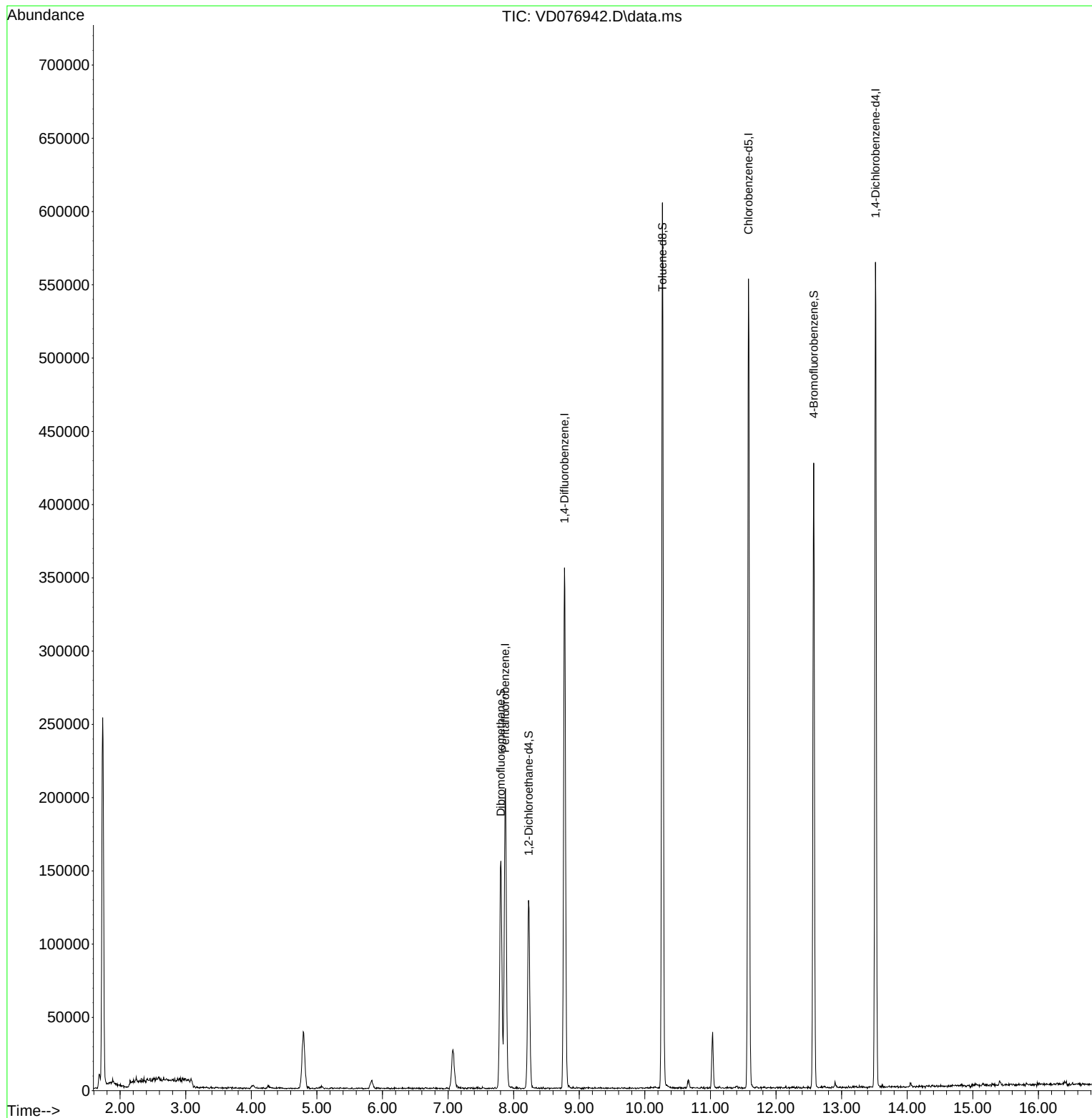
Target Compounds	Qvalue

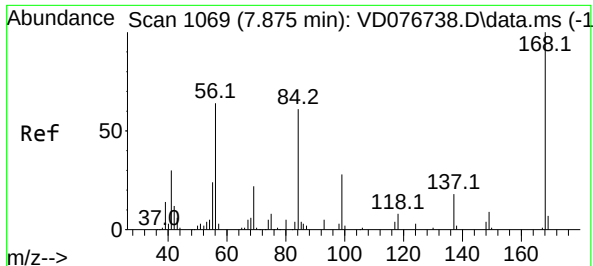
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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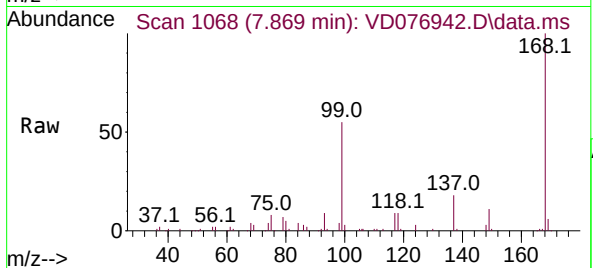
Quant Time: Aug 08 04:42:08 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
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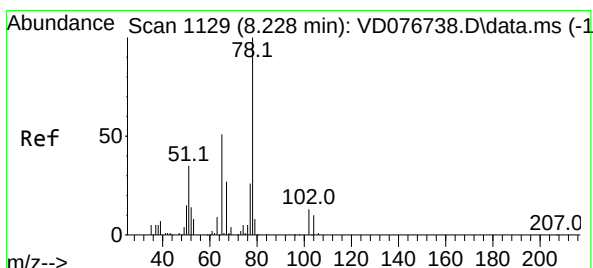
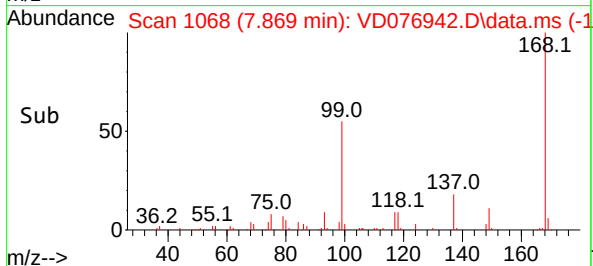
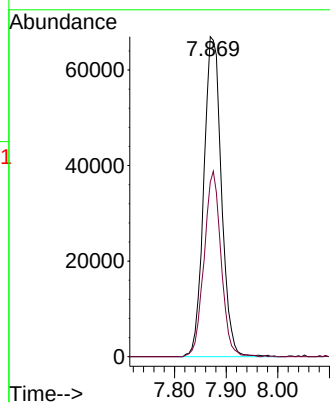


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD076942.D
Acq: 07 Aug 2023 20:24

Instrument :
MSVOA_D
ClientSampleId :
MW-05

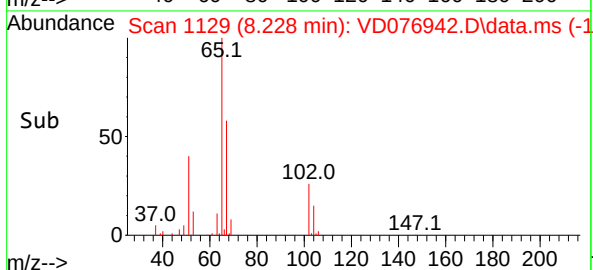
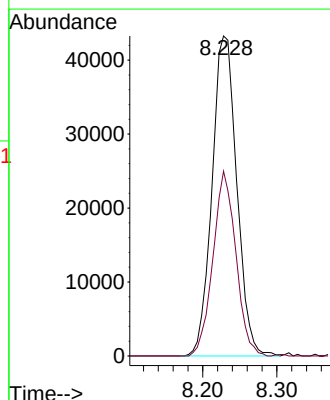
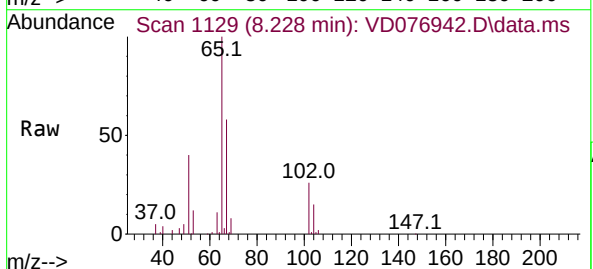


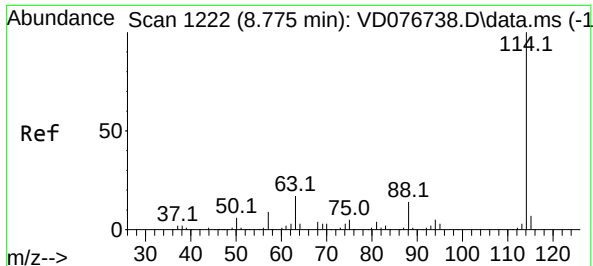
Tgt Ion:168 Resp: 158434
Ion Ratio Lower Upper
168 100
99 54.6 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 63.575 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD076942.D
Acq: 07 Aug 2023 20:24

Tgt Ion: 65 Resp: 100324
Ion Ratio Lower Upper
65 100
67 53.4 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: VD076942.D

Acq: 07 Aug 2023 20:24

Instrument :

MSVOA_D

ClientSampleId :

MW-05

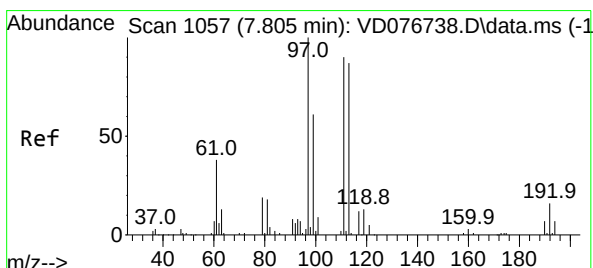
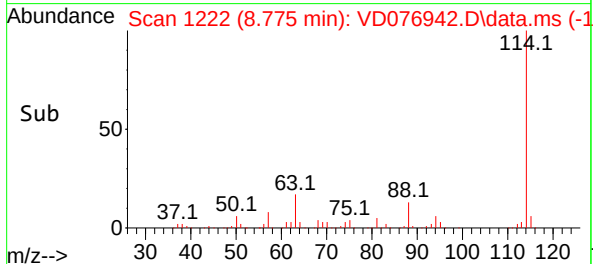
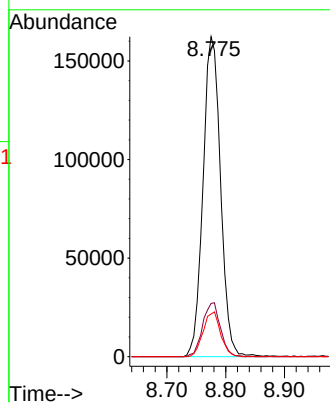
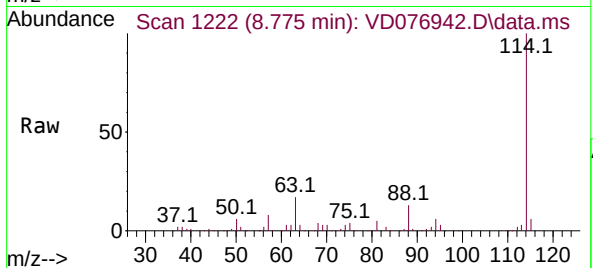
Tgt Ion:114 Resp: 336060

Ion Ratio Lower Upper

114 100

63 16.7 0.0 33.4

88 13.3 0.0 26.2



#35

Dibromofluoromethane

Concen: 54.436 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.001 min

Lab File: VD076942.D

Acq: 07 Aug 2023 20:24

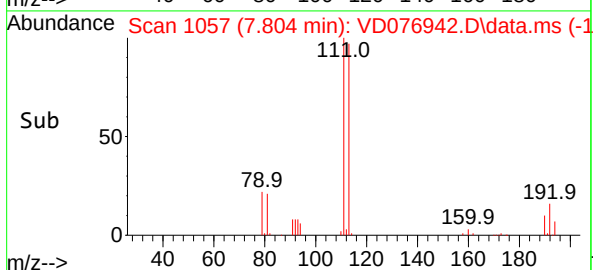
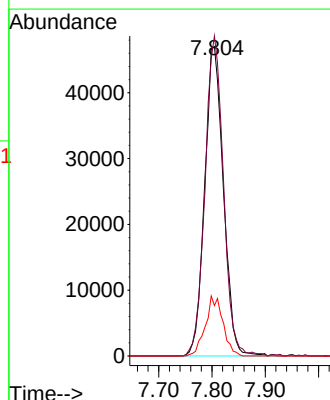
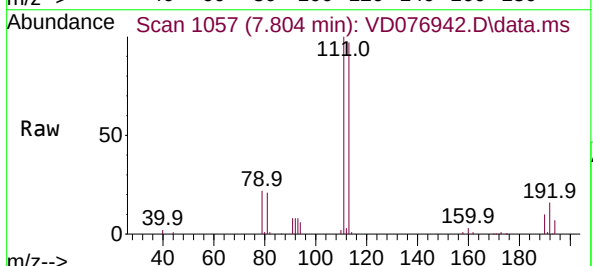
Tgt Ion:113 Resp: 114959

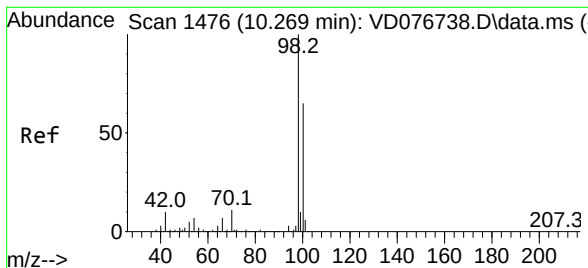
Ion Ratio Lower Upper

113 100

111 101.3 84.7 127.1

192 18.1 16.8 25.2

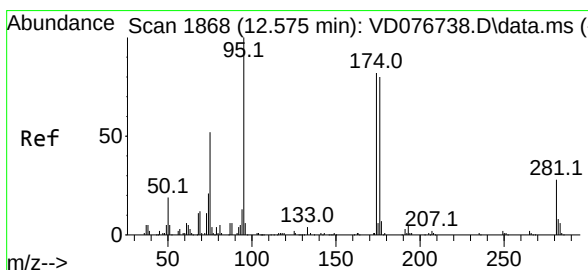
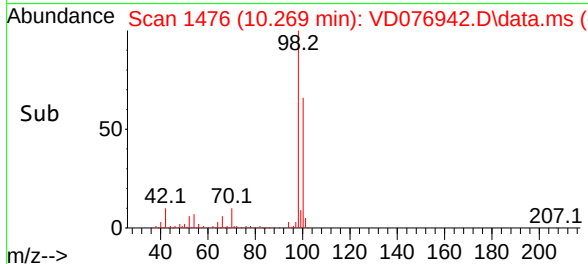
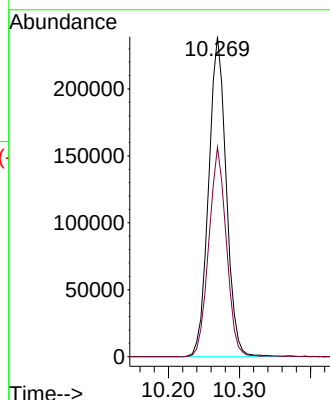
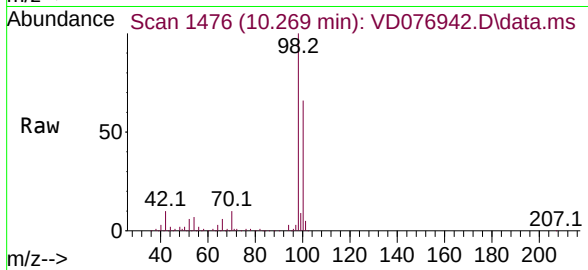




#50
Toluene-d8
Concen: 54.550 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076942.D
Acq: 07 Aug 2023 20:24

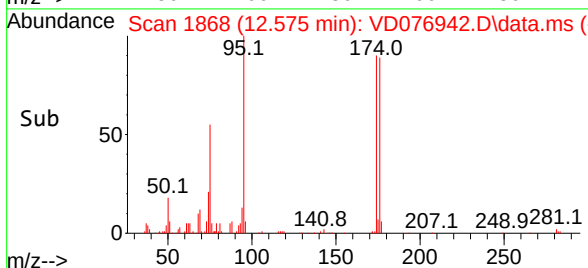
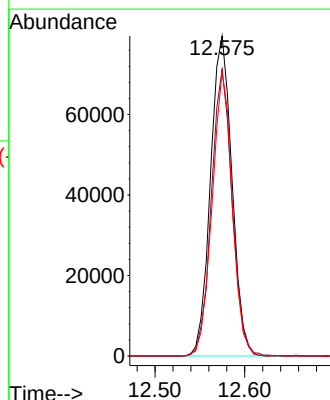
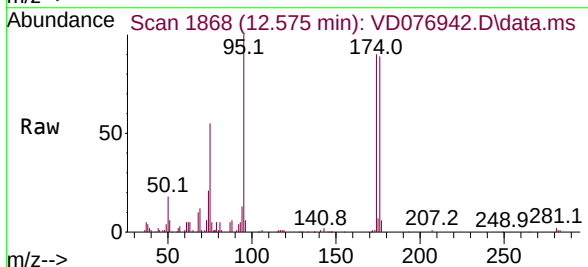
Instrument :
MSVOA_D
ClientSampleId :
MW-05

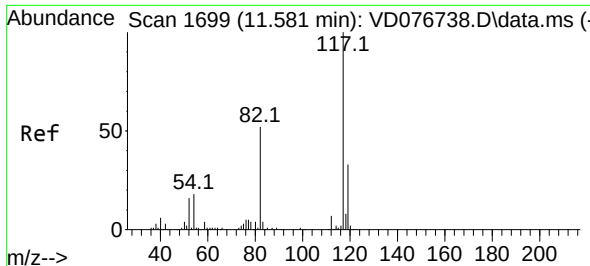
Tgt Ion: 98 Resp: 412111
Ion Ratio Lower Upper
98 100
100 65.0 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 53.916 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076942.D
Acq: 07 Aug 2023 20:24

Tgt Ion: 95 Resp: 131769
Ion Ratio Lower Upper
95 100
174 86.8 0.0 201.8
176 83.3 0.0 191.8

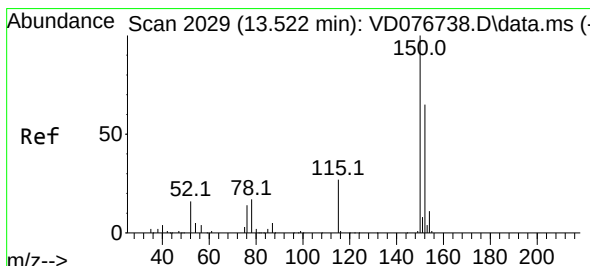
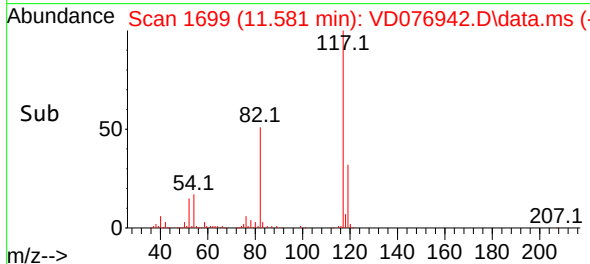
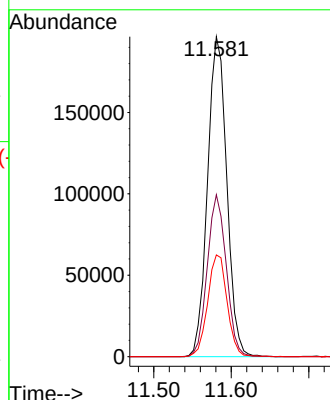
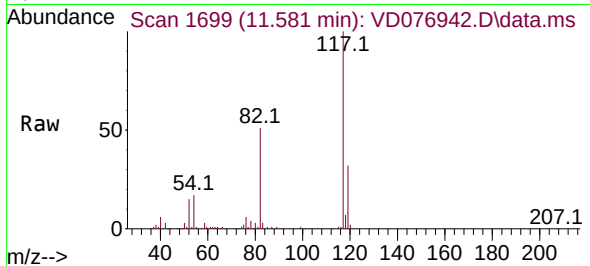




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD076942.D
Acq: 07 Aug 2023 20:24

Instrument :
MSVOA_D
ClientSampleId :
MW-05

Tgt Ion:117 Resp: 338721
Ion Ratio Lower Upper
117 100
82 50.6 38.3 57.5
119 31.8 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: VD076942.D
Acq: 07 Aug 2023 20:24

Tgt Ion:152 Resp: 154187
Ion Ratio Lower Upper
152 100
115 57.3 27.1 81.3
150 156.8 0.0 353.6

