

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072623\
 Data File : VD076803.D
 Acq On : 26 Jul 2023 13:57
 Operator : KP/SY
 Sample : VD0726SBL01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0726SBL01

Quant Time: Jul 27 04:21:55 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	7.875	168	239408	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	473158	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	423637	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	185558	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	121071	50.773	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.540%
35) Dibromofluoromethane	7.805	113	150040	50.461	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.920%
50) Toluene-d8	10.269	98	568872	53.481	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	106.960%
62) 4-Bromofluorobenzene	12.575	95	159825	46.447	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	92.900%

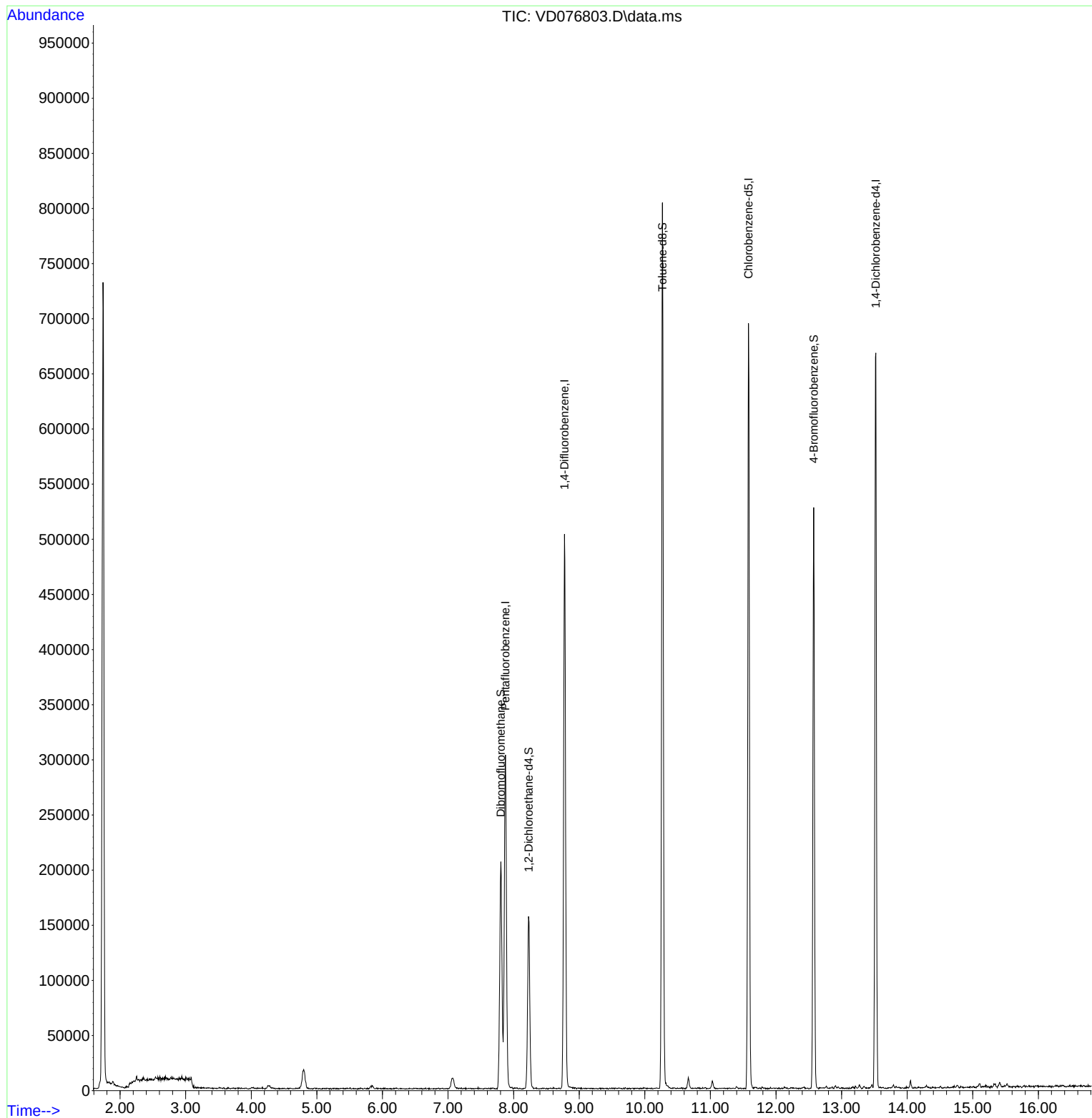
Target Compounds	Qvalue

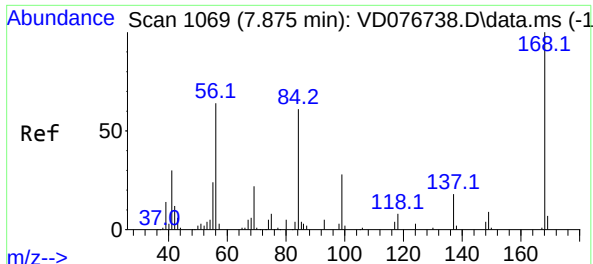
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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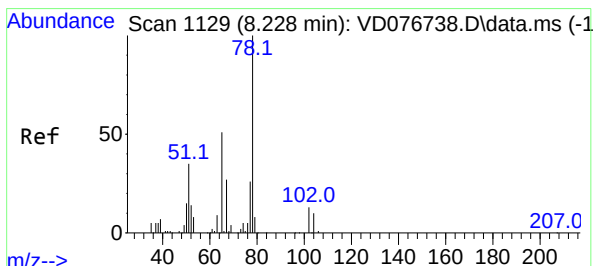
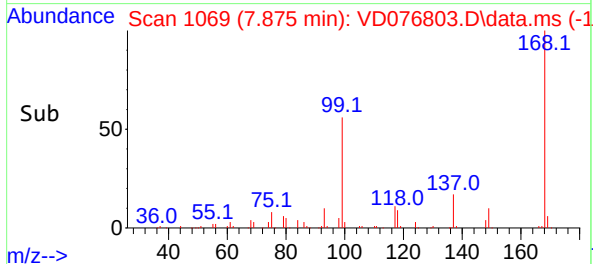
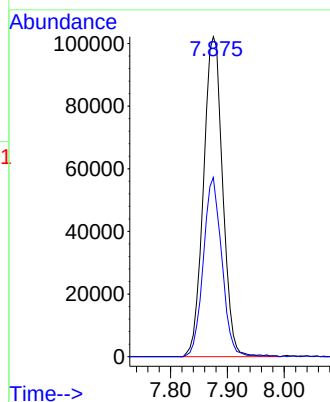
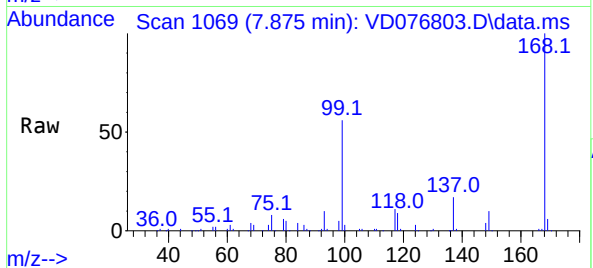




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076803.D
Acq: 26 Jul 2023 13:57

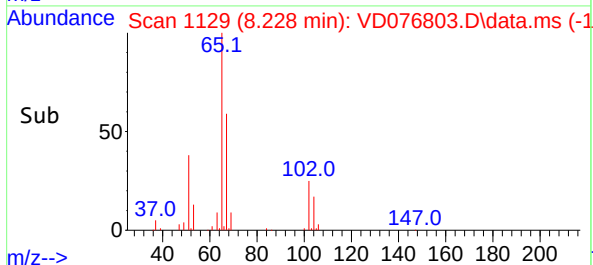
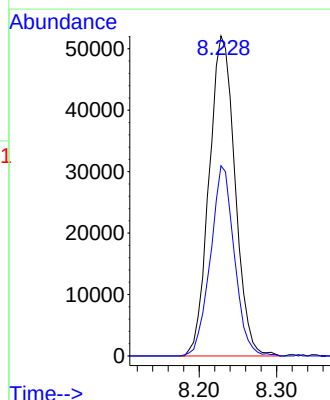
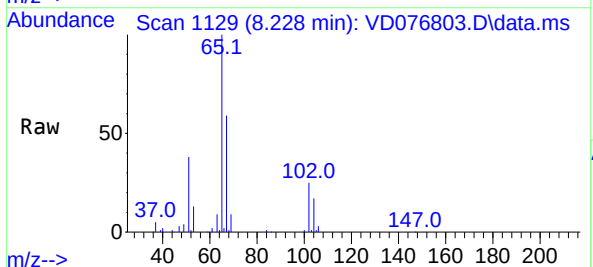
Instrument :
MSVOA_D
ClientSampleId :
VD0726SBL01

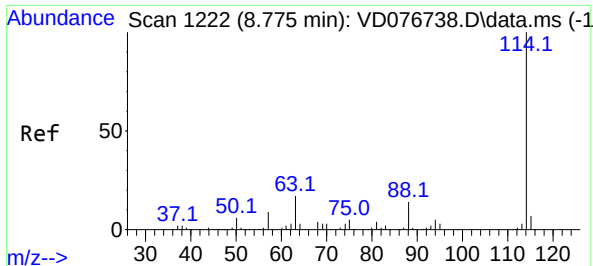
Tgt Ion:168 Resp: 239408
Ion Ratio Lower Upper
168 100
99 56.0 36.7 55.1#



#33
1,2-Dichloroethane-d4
Concen: 50.773 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD076803.D
Acq: 26 Jul 2023 13:57

Tgt Ion: 65 Resp: 121071
Ion Ratio Lower Upper
65 100
67 54.8 0.0 115.0

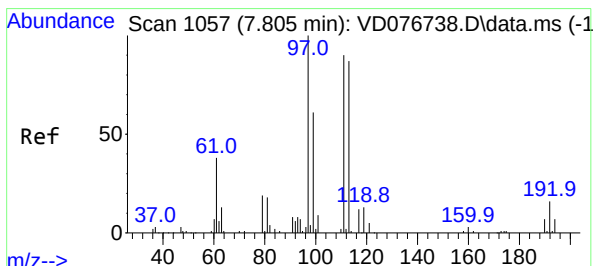
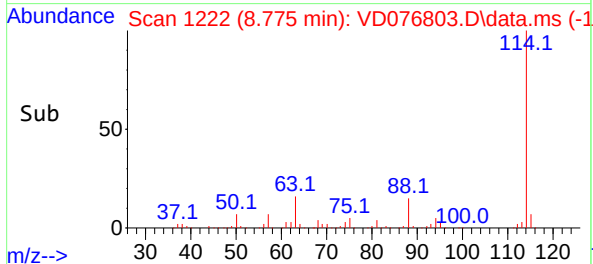
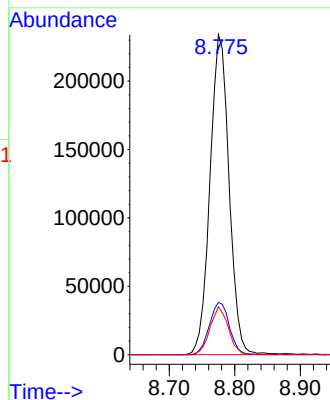
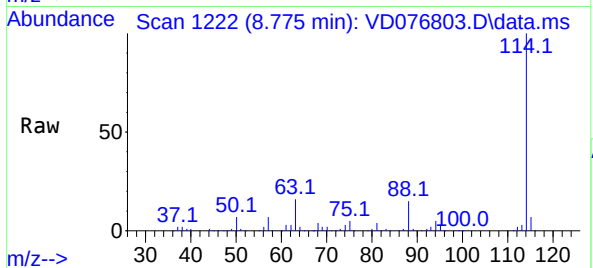




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076803.D
Acq: 26 Jul 2023 13:57

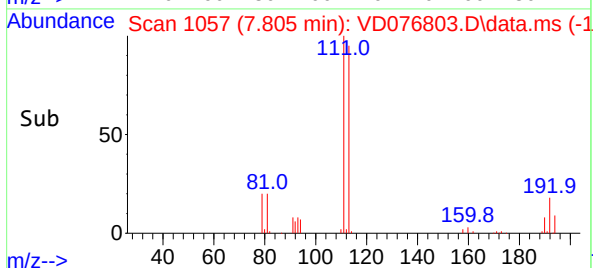
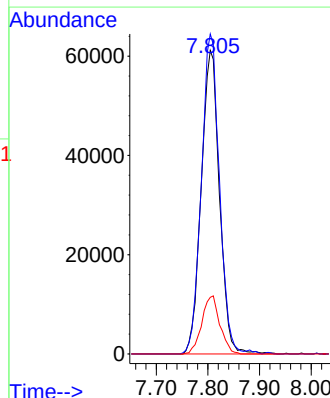
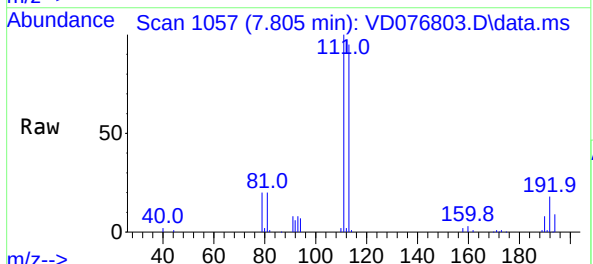
Instrument :
MSVOA_D
ClientSampleId :
VD0726SBL01

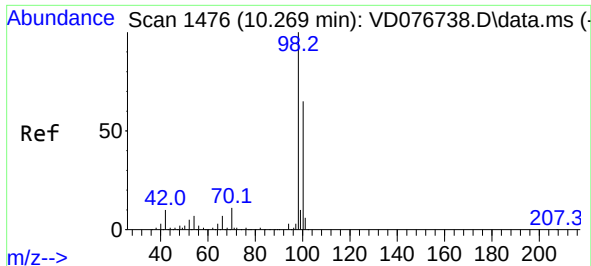
Tgt Ion:114 Resp: 473158
Ion Ratio Lower Upper
114 100
63 16.4 0.0 33.4
88 15.0 0.0 26.2



#35
Dibromofluoromethane
Concen: 50.461 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD076803.D
Acq: 26 Jul 2023 13:57

Tgt Ion:113 Resp: 150040
Ion Ratio Lower Upper
113 100
111 103.9 84.7 127.1
192 18.9 16.8 25.2

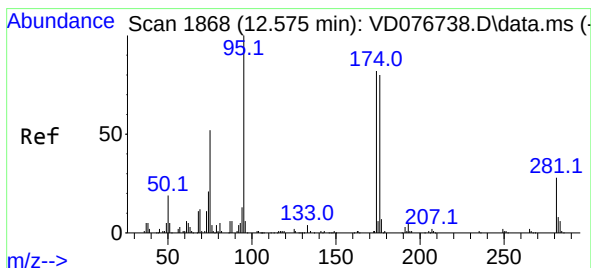
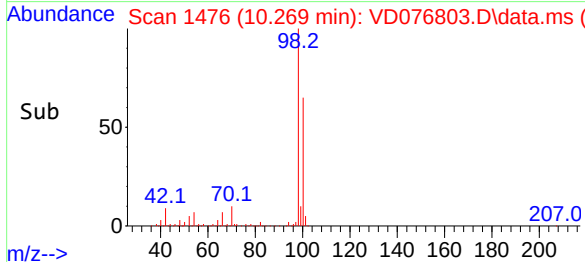
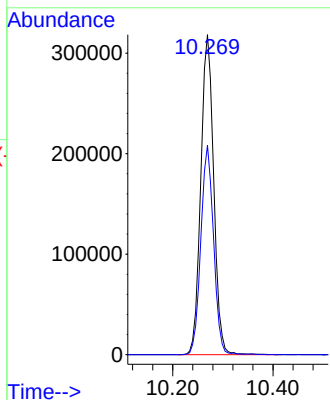
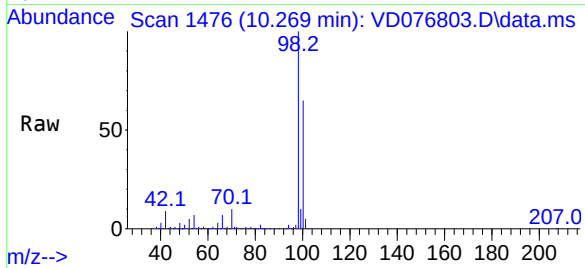




#50
Toluene-d8
Concen: 53.481 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076803.D
Acq: 26 Jul 2023 13:57

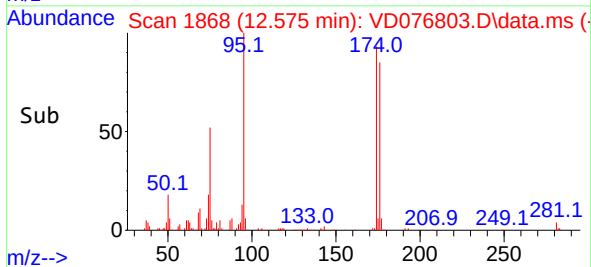
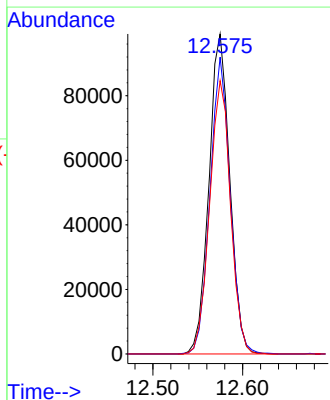
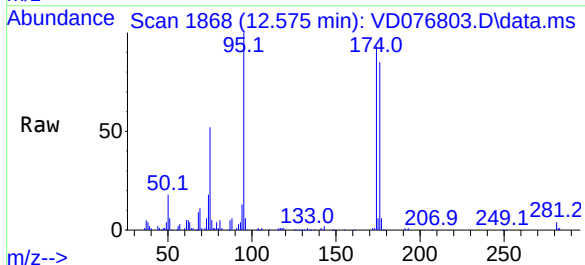
Instrument :
MSVOA_D
ClientSampleId :
VD0726SBL01

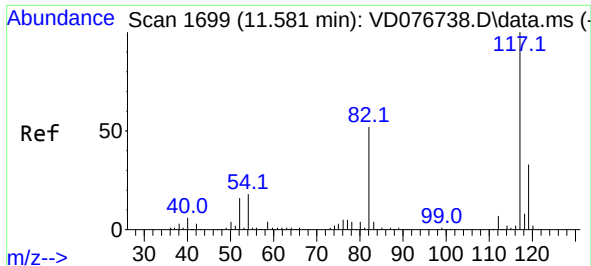
Tgt Ion: 98 Resp: 568872
Ion Ratio Lower Upper
98 100
100 64.5 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 46.447 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076803.D
Acq: 26 Jul 2023 13:57

Tgt Ion: 95 Resp: 159825
Ion Ratio Lower Upper
95 100
174 89.9 0.0 201.8
176 85.6 0.0 191.8

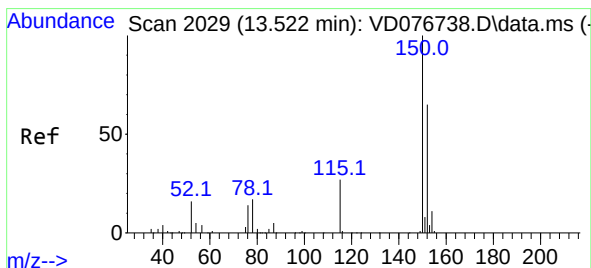
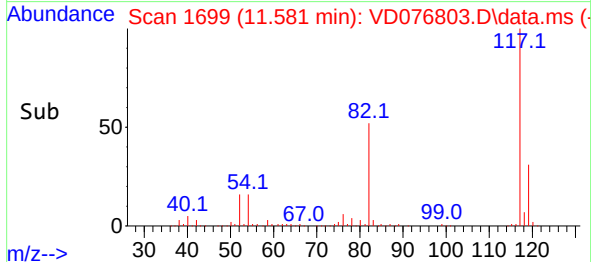
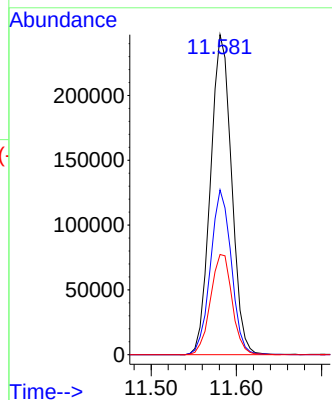
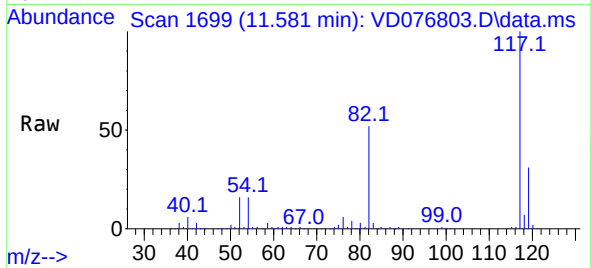




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD076803.D
Acq: 26 Jul 2023 13:57

Instrument :
MSVOA_D
ClientSampleId :
VD0726SBL01

Tgt Ion:117 Resp: 423637
Ion Ratio Lower Upper
117 100
82 51.5 38.3 57.5
119 31.3 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: VD076803.D
Acq: 26 Jul 2023 13:57

Tgt Ion:152 Resp: 185558
Ion Ratio Lower Upper
152 100
115 56.3 27.1 81.3
150 155.4 0.0 353.6

