

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081423\
 Data File : VD077001.D
 Acq On : 14 Aug 2023 15:14
 Operator : JC/SY
 Sample : 03971-10
 Misc : 5.09G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-PP08B

Quant Time: Aug 14 15:22:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D080823S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 09 07:25:36 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	208663	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	416740	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	406690	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	178534	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	85093	51.695	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.400%
35) Dibromofluoromethane	7.805	113	109680	48.954	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.900%
50) Toluene-d8	10.269	98	415266	57.707	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	115.420%
62) 4-Bromofluorobenzene	12.575	95	121062	48.123	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	96.240%

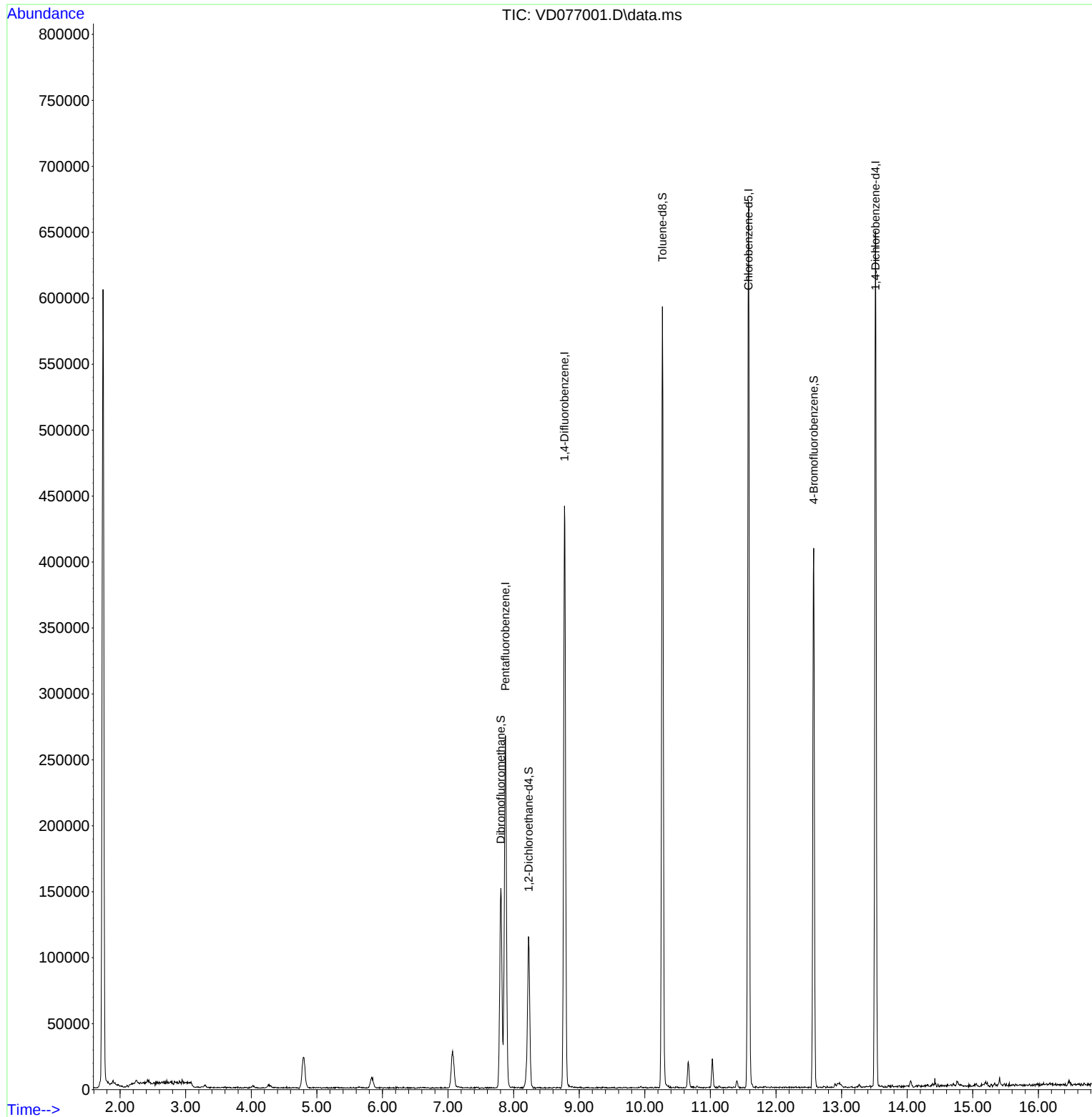
Target Compounds	Qvalue

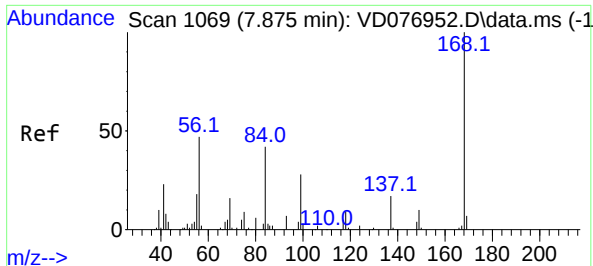
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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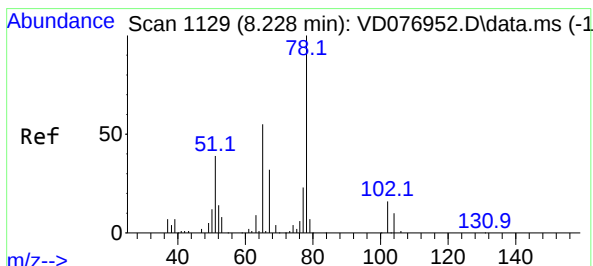
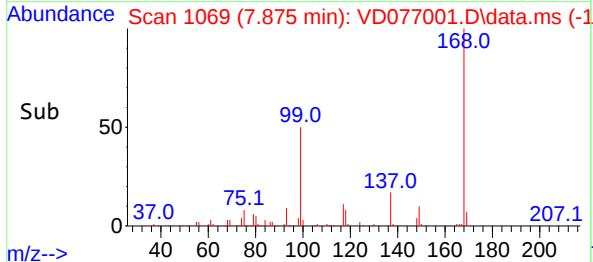
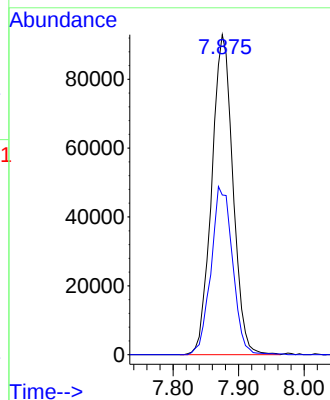
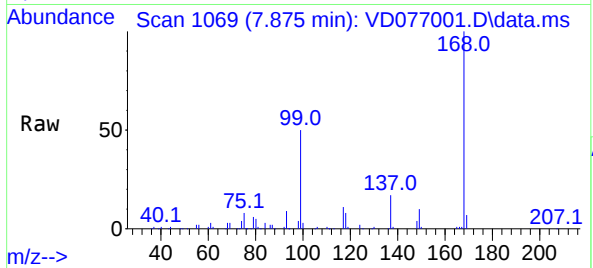




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD077001.D
Acq: 14 Aug 2023 15:14

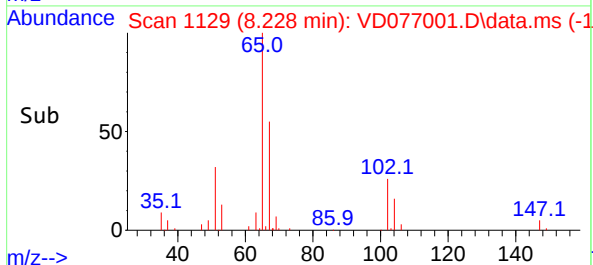
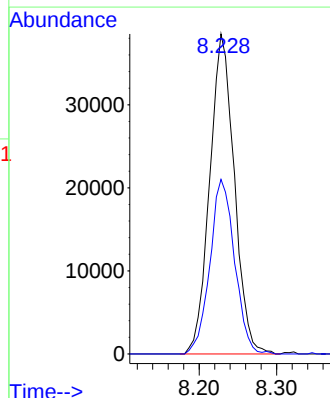
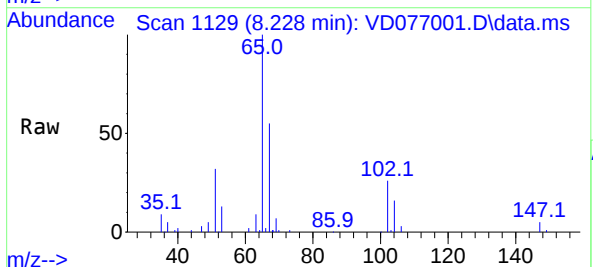
Instrument :
MSVOA_D
ClientSampleId :
B-PP08B

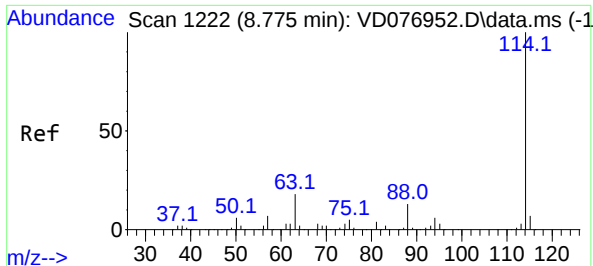
Tgt Ion:168 Resp: 208663
Ion Ratio Lower Upper
168 100
99 49.9 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 51.695 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD077001.D
Acq: 14 Aug 2023 15:14

Tgt Ion: 65 Resp: 85093
Ion Ratio Lower Upper
65 100
67 54.8 0.0 115.0

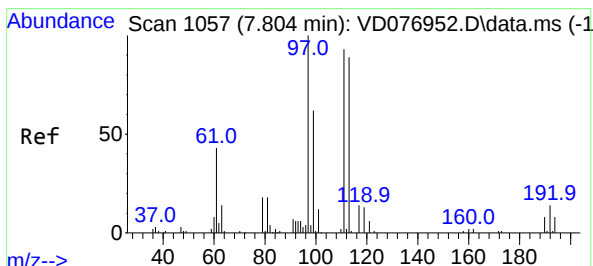
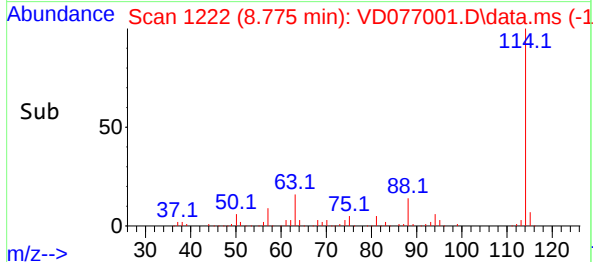
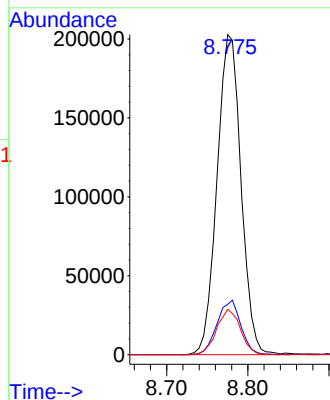
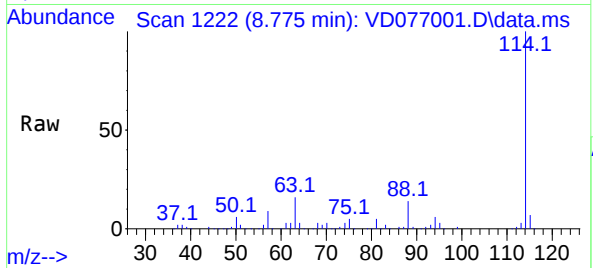




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077001.D
Acq: 14 Aug 2023 15:14

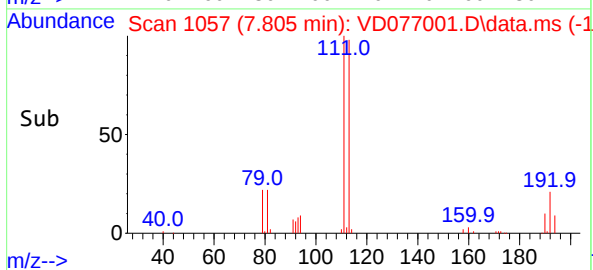
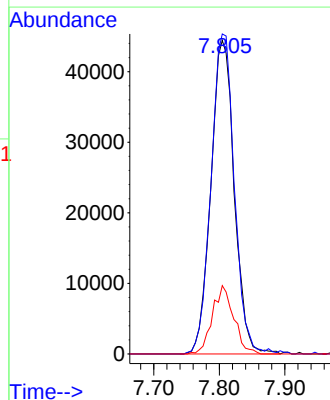
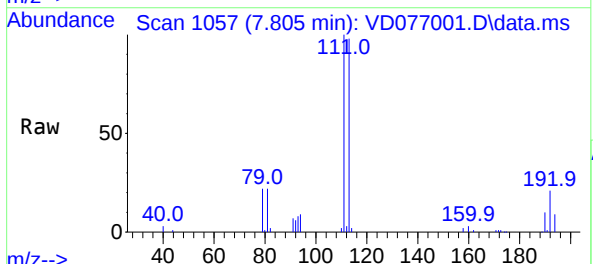
Instrument :
MSVOA_D
ClientSampleId :
B-PP08B

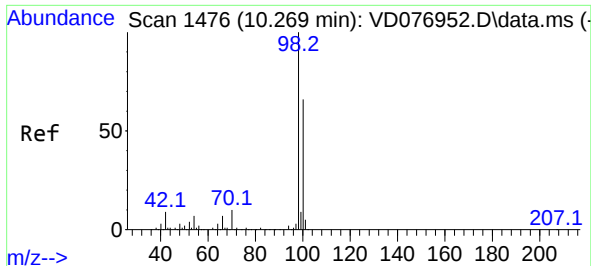
Tgt Ion:114 Resp: 416740
Ion Ratio Lower Upper
114 100
63 15.7 0.0 33.4
88 14.2 0.0 26.2



#35
Dibromofluoromethane
Concen: 48.954 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. 0.001 min
Lab File: VD077001.D
Acq: 14 Aug 2023 15:14

Tgt Ion:113 Resp: 109680
Ion Ratio Lower Upper
113 100
111 101.9 84.7 127.1
192 20.0 16.8 25.2

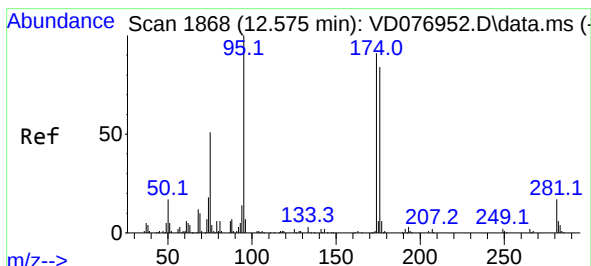
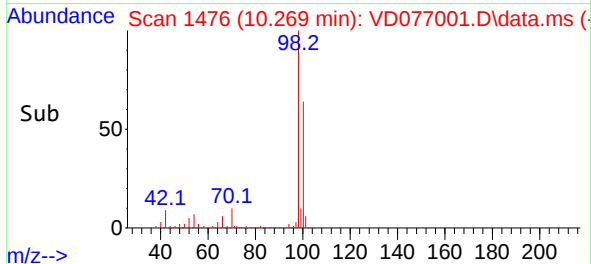
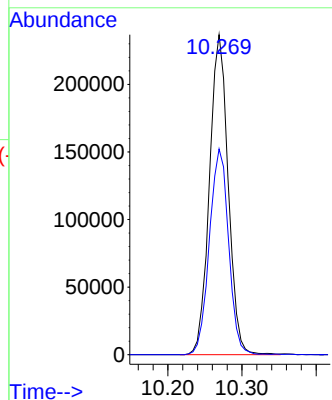
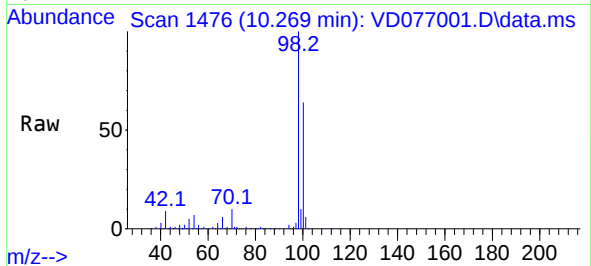




#50
Toluene-d8
Concen: 57.707 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077001.D
Acq: 14 Aug 2023 15:14

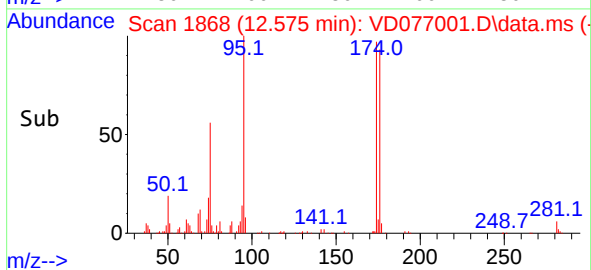
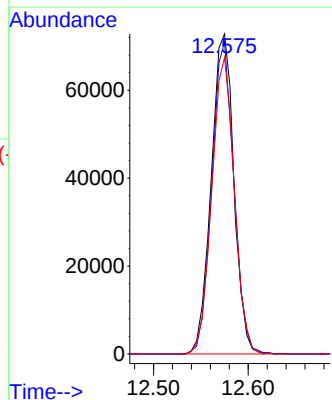
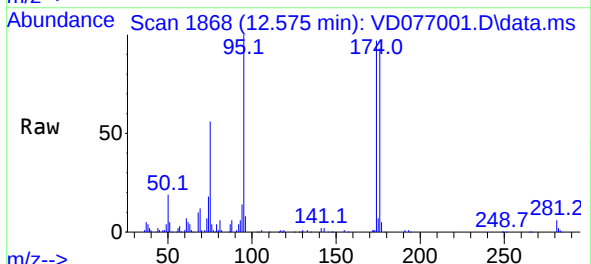
Instrument :
MSVOA_D
ClientSampleId :
B-PP08B

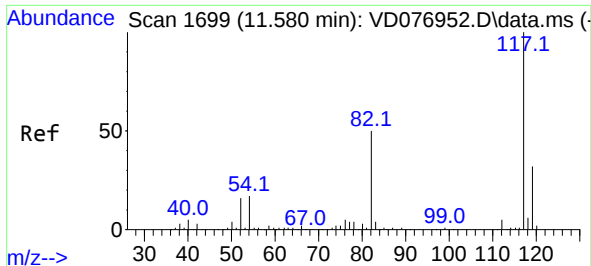
Tgt Ion: 98 Resp: 415266
Ion Ratio Lower Upper
98 100
100 66.0 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 48.123 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077001.D
Acq: 14 Aug 2023 15:14

Tgt Ion: 95 Resp: 121062
Ion Ratio Lower Upper
95 100
174 94.7 0.0 201.8
176 92.0 0.0 191.8

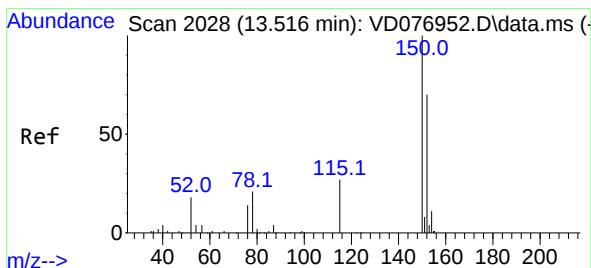
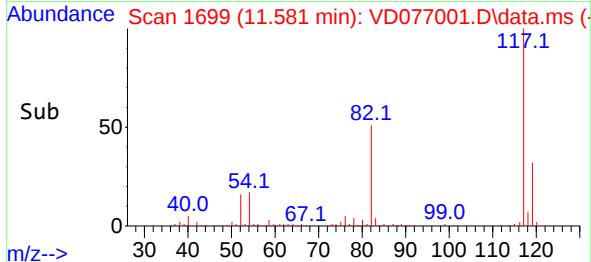
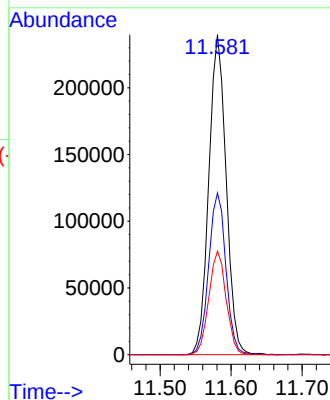
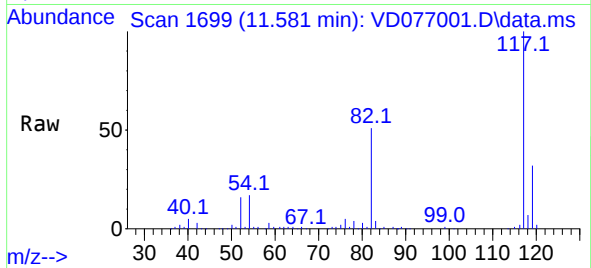




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. 0.001 min
Lab File: VD077001.D
Acq: 14 Aug 2023 15:14

Instrument :
MSVOA_D
ClientSampleId :
B-PP08B

Tgt Ion:117 Resp: 406690
Ion Ratio Lower Upper
117 100
82 50.5 38.3 57.5
119 32.3 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD077001.D
Acq: 14 Aug 2023 15:14

Tgt Ion:152 Resp: 178534
Ion Ratio Lower Upper
152 100
115 56.6 27.1 81.3
150 159.2 0.0 353.6

