

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081423\
 Data File : VD077010.D
 Acq On : 14 Aug 2023 19:29
 Operator : JC/SY
 Sample : 03973-09
 Misc : 5.06G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-05-10.5-11.0

Quant Time: Aug 15 04:51:21 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	7.881	168	14741	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	30134	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	32460	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	16500	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	11134	95.747	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 191.500%#	
35) Dibromofluoromethane	7.799	113	11302	69.764	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 139.520%	
50) Toluene-d8	10.269	98	33808	64.973	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 129.940%	
62) 4-Bromofluorobenzene	12.575	95	11481	63.116	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 126.240%	

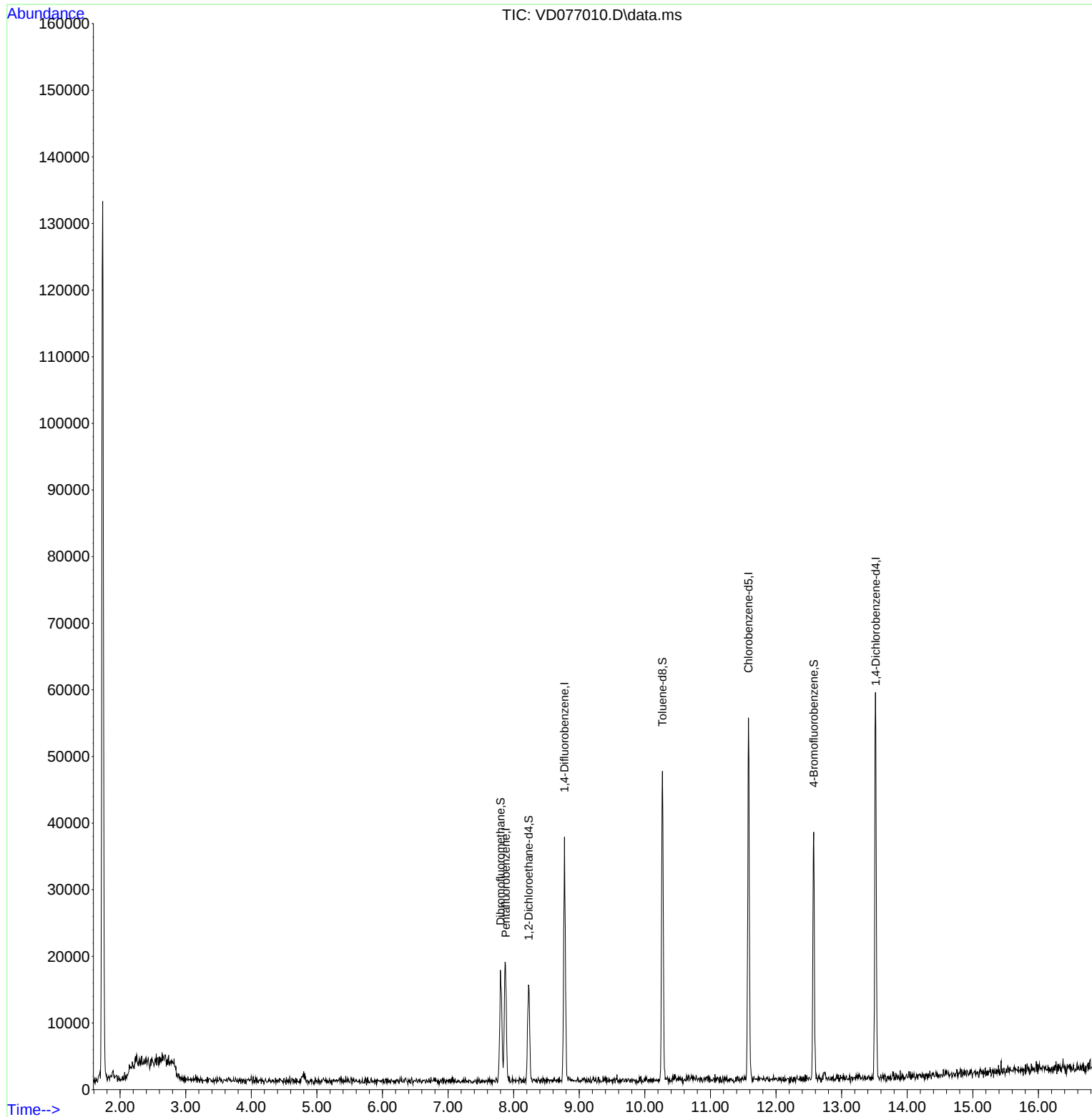
Target Compounds Qvalue

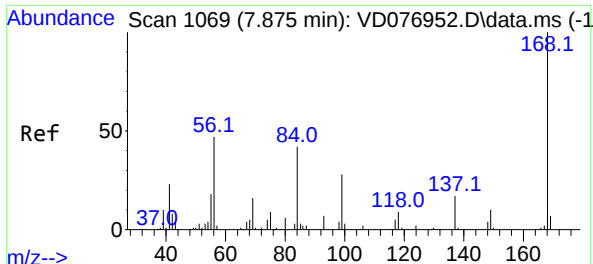
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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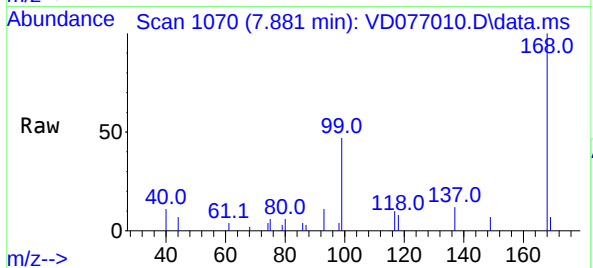
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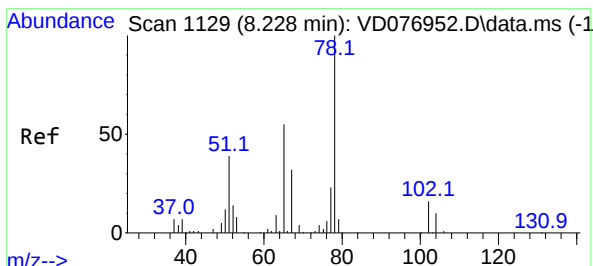
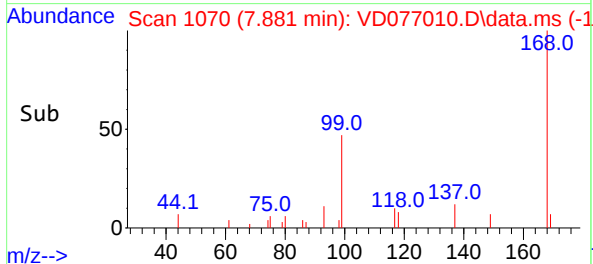
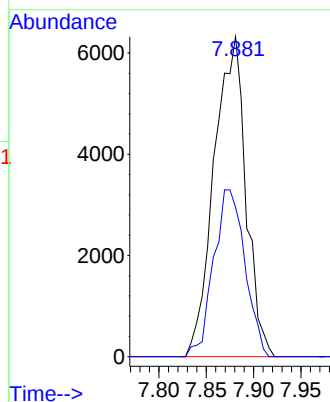


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD077010.D
Acq: 14 Aug 2023 19:29

Instrument :
MSVOA_D
ClientSampleId :
SB-05-10.5-11.0

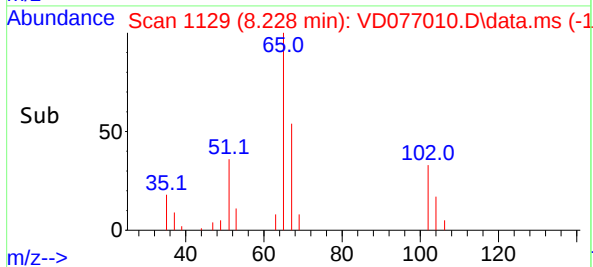
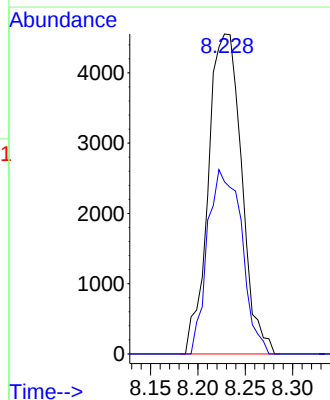
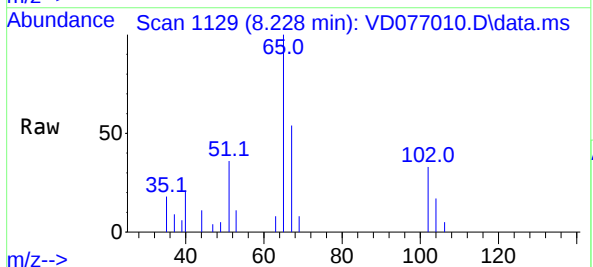


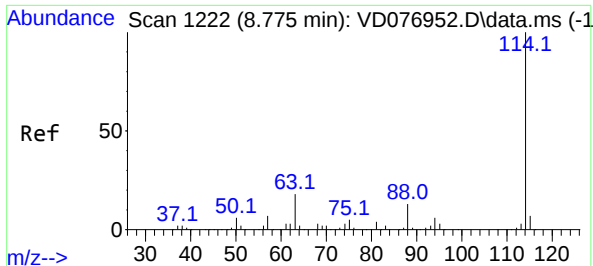
Tgt Ion:168 Resp: 14741
Ion Ratio Lower Upper
168 100
99 46.7 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 95.747 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD077010.D
Acq: 14 Aug 2023 19:29

Tgt Ion: 65 Resp: 11134
Ion Ratio Lower Upper
65 100
67 59.1 0.0 115.0

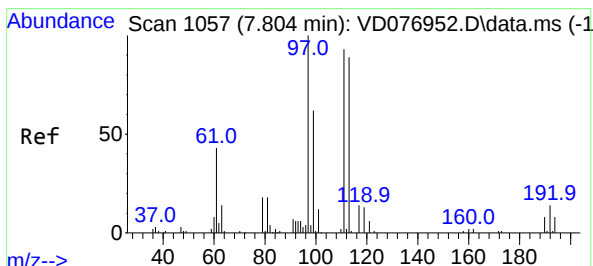
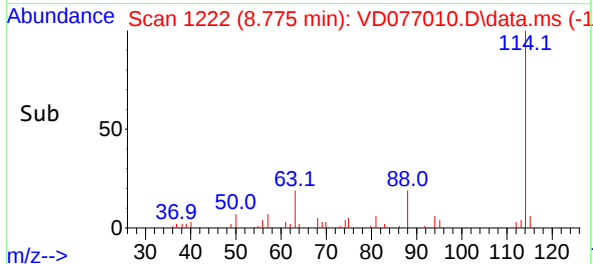
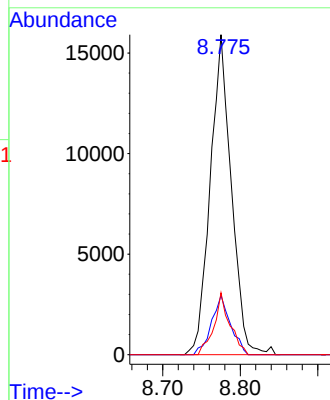
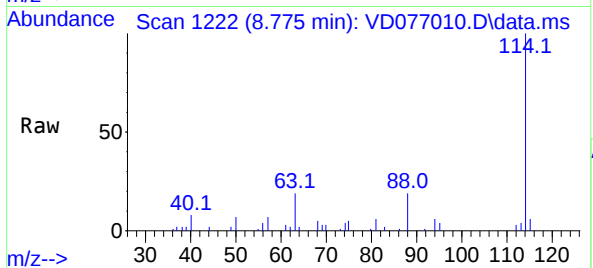




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077010.D
Acq: 14 Aug 2023 19:29

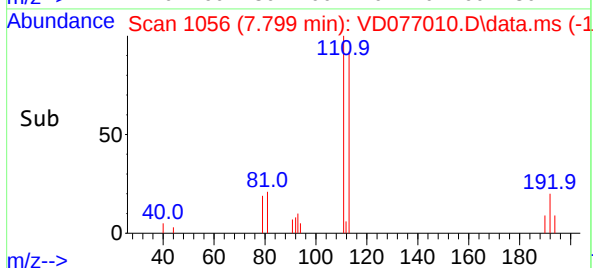
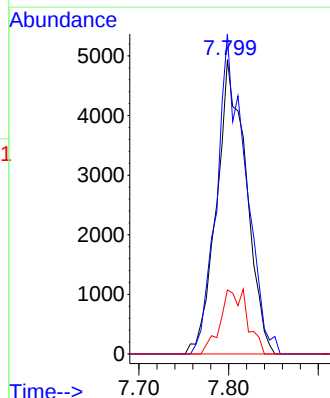
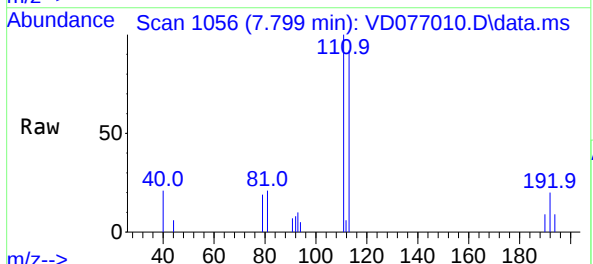
Instrument :
MSVOA_D
ClientSampleId :
SB-05-10.5-11.0

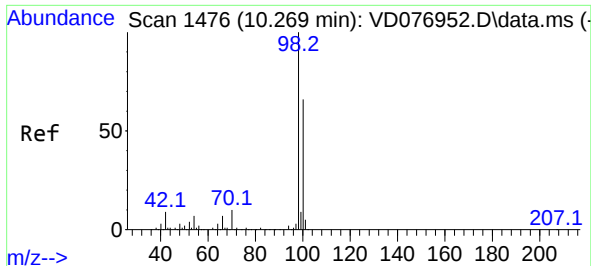
Tgt Ion:	114	Resp:	30134
Ion	Ratio	Lower	Upper
114	100		
63	18.5	0.0	33.4
88	19.3	0.0	26.2



#35
Dibromofluoromethane
Concen: 69.764 ug/l
RT: 7.799 min Scan# 1056
Delta R.T. -0.005 min
Lab File: VD077010.D
Acq: 14 Aug 2023 19:29

Tgt Ion:	113	Resp:	11302
Ion	Ratio	Lower	Upper
113	100		
111	105.9	84.7	127.1
192	20.0	16.8	25.2

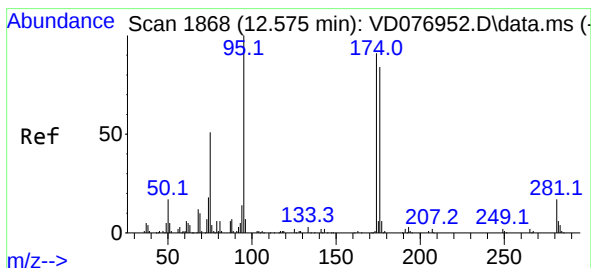
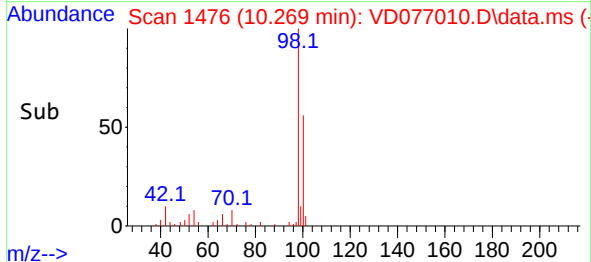
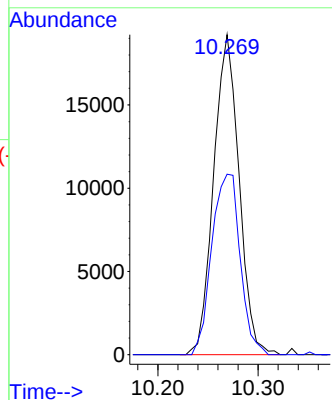
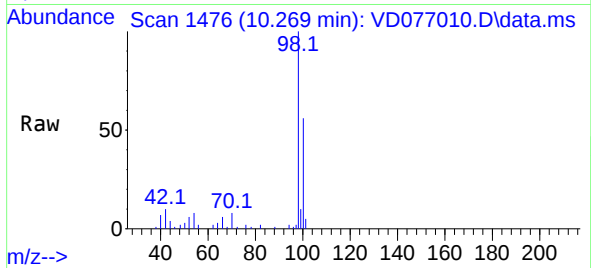




#50
Toluene-d8
Concen: 64.973 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077010.D
Acq: 14 Aug 2023 19:29

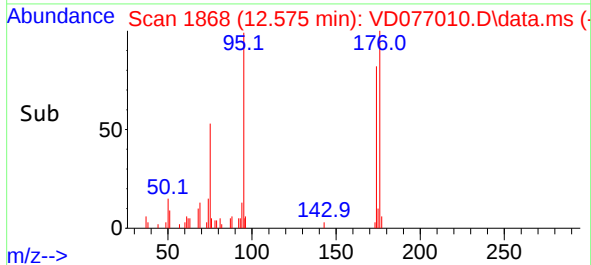
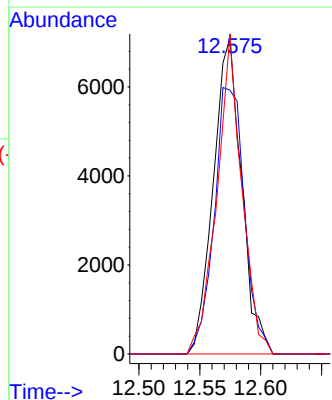
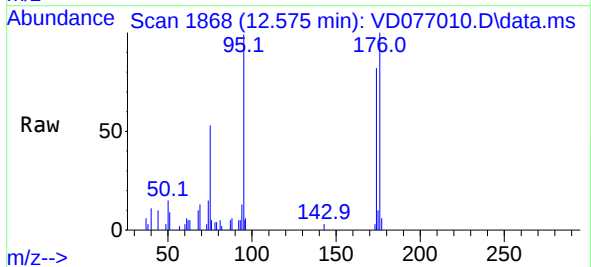
Instrument :
MSVOA_D
ClientSampleId :
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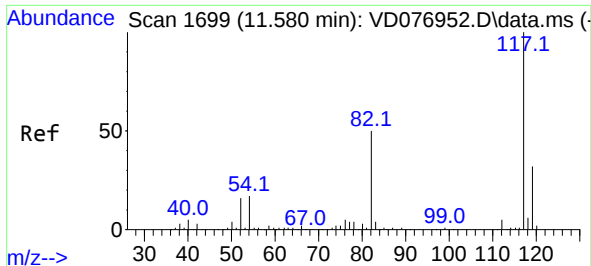
Tgt Ion: 98 Resp: 33808
Ion Ratio Lower Upper
98 100
100 63.0 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 63.116 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077010.D
Acq: 14 Aug 2023 19:29

Tgt Ion: 95 Resp: 11481
Ion Ratio Lower Upper
95 100
174 90.3 0.0 201.8
176 89.4 0.0 191.8

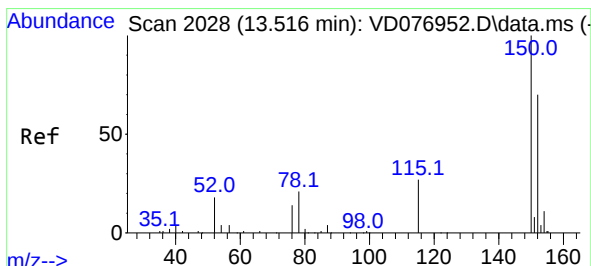
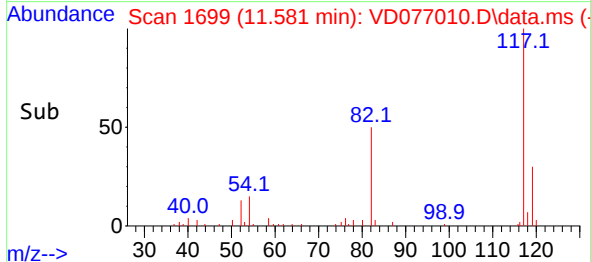
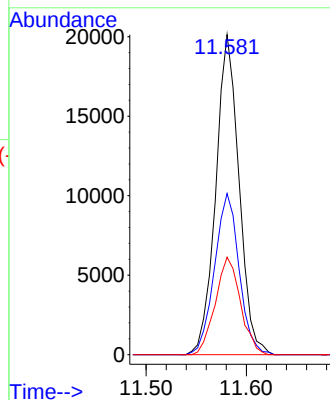
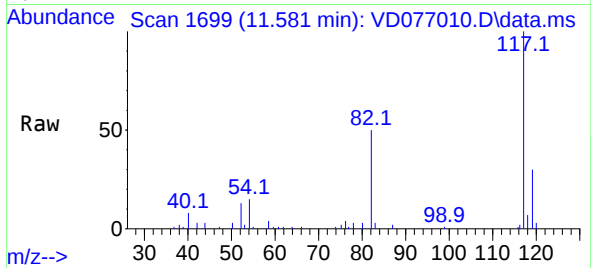




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. 0.001 min
Lab File: VD077010.D
Acq: 14 Aug 2023 19:29

Instrument :
MSVOA_D
ClientSampleId :
SB-05-10.5-11.0

Tgt Ion:117 Resp: 32460
Ion Ratio Lower Upper
117 100
82 50.3 38.3 57.5
119 30.4 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.006 min
Lab File: VD077010.D
Acq: 14 Aug 2023 19:29

Tgt Ion:152 Resp: 16500
Ion Ratio Lower Upper
152 100
115 58.0 27.1 81.3
150 156.3 0.0 353.6

