

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082823\
 Data File : VD077039.D
 Acq On : 28 Aug 2023 12:57
 Operator : JC/SY
 Sample : VIBLK
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK

Quant Time: Aug 29 02:50:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D082823S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 29 02:15:23 2023
 Response via : Initial Calibration

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

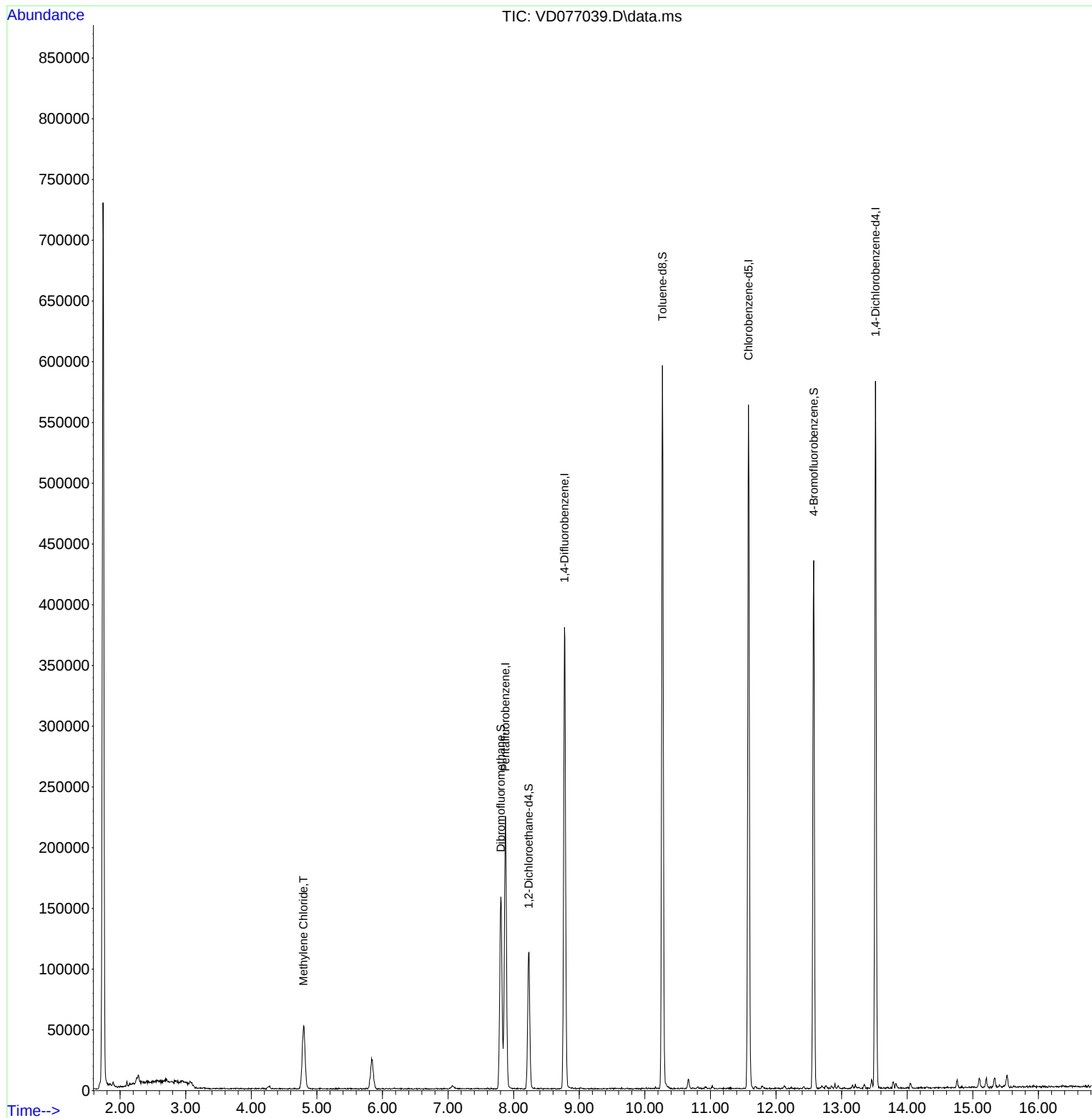
Internal Standards						
1) Pentafluorobenzene	7.875	168	176002	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	353835	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	339981	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	156002	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	86045	49.655	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.320%
35) Dibromofluoromethane	7.804	113	118907	50.302	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.600%
50) Toluene-d8	10.269	98	410830	48.040	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.080%
62) 4-Bromofluorobenzene	12.575	95	130901	51.917	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	103.840%
Target Compounds						
20) Methylene Chloride	4.793	84	43675	14.887	ug/l	Qvalue 93

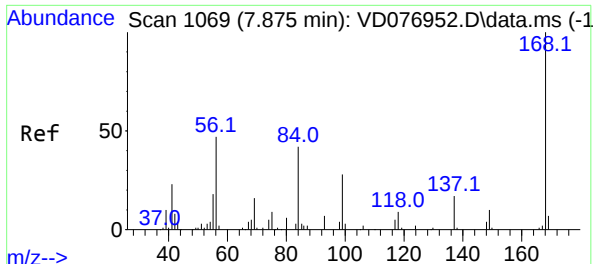
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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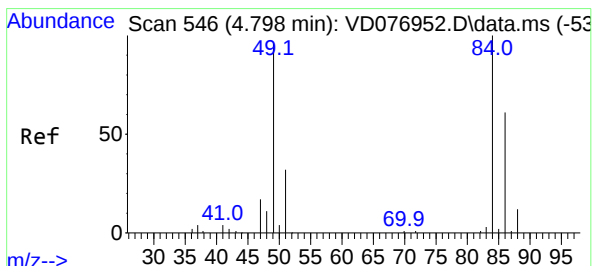
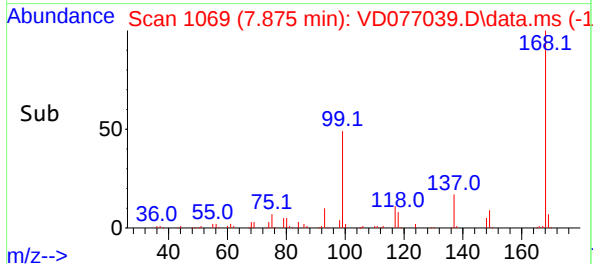
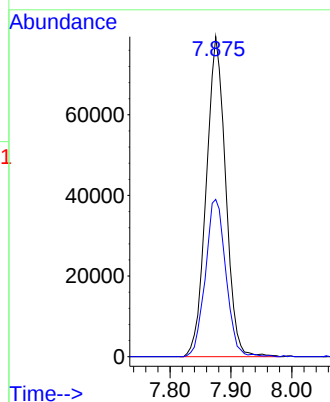
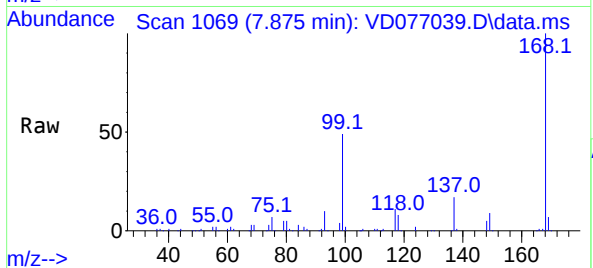




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD077039.D
Acq: 28 Aug 2023 12:57

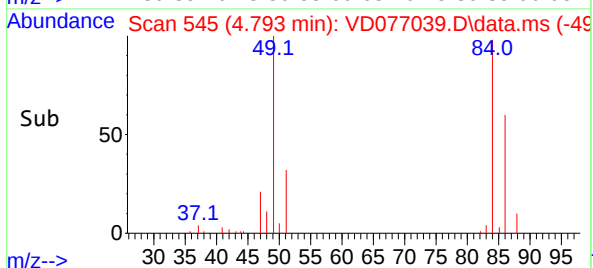
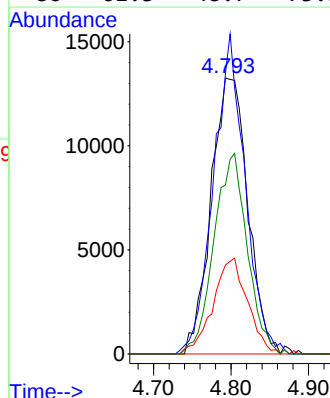
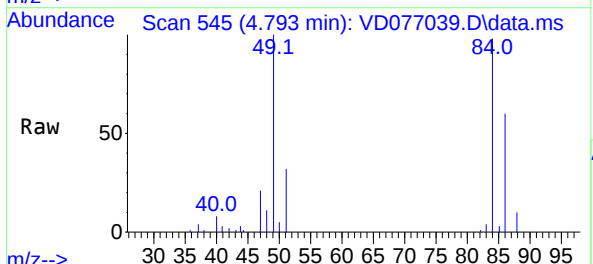
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

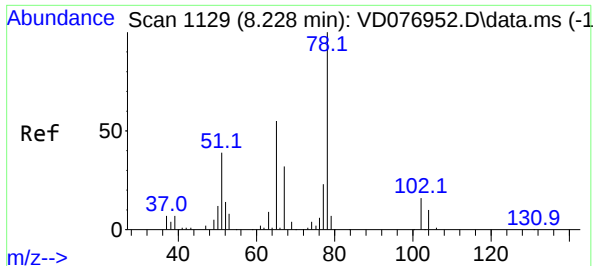
Tgt Ion:168 Resp: 176002
Ion Ratio Lower Upper
168 100
99 49.1 36.7 55.1



#20
Methylene Chloride
Concen: 14.887 ug/l
RT: 4.793 min Scan# 545
Delta R.T. -0.005 min
Lab File: VD077039.D
Acq: 28 Aug 2023 12:57

Tgt Ion: 84 Resp: 43675
Ion Ratio Lower Upper
84 100
49 100.5 71.4 107.2
51 32.2 24.5 36.7
86 61.3 48.7 73.1

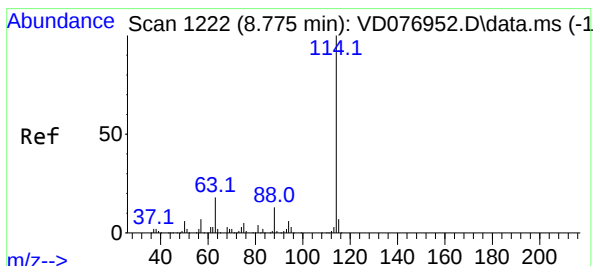
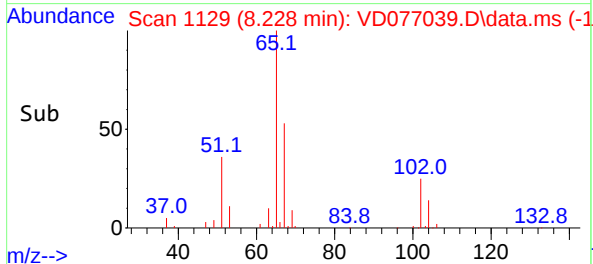
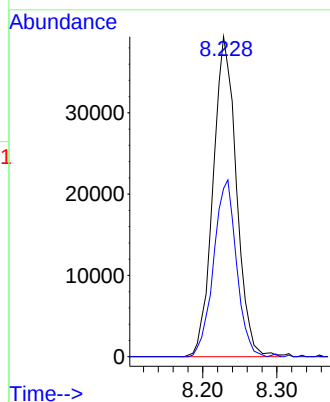
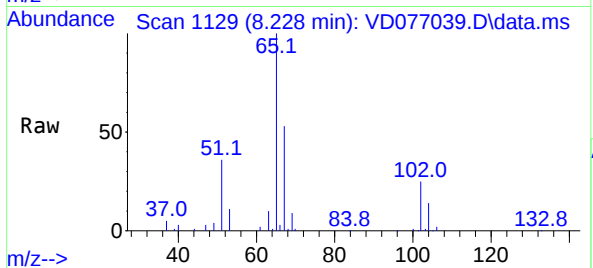




#33
1,2-Dichloroethane-d4
Concen: 49.655 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD077039.D
Acq: 28 Aug 2023 12:57

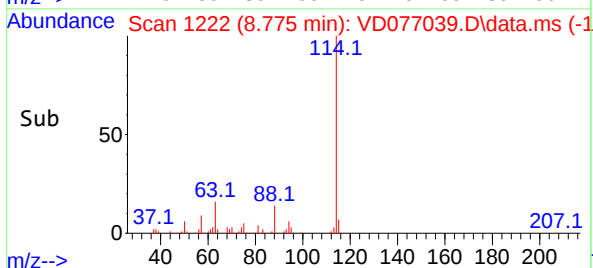
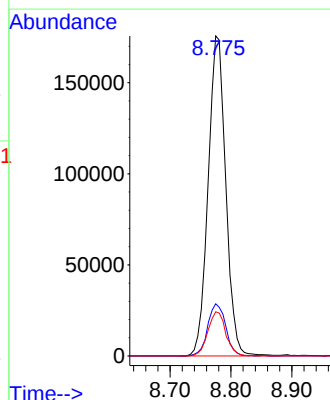
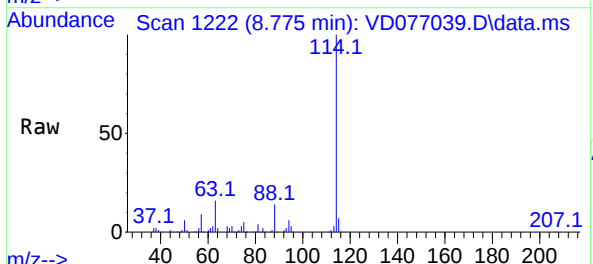
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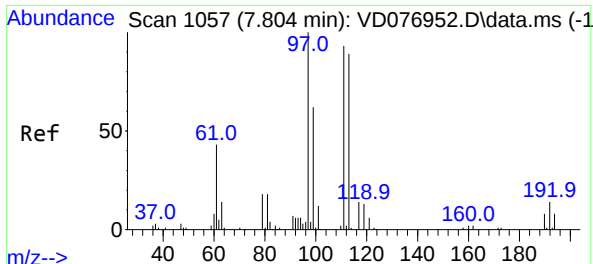
Tgt Ion: 65 Resp: 86045
Ion Ratio Lower Upper
65 100
67 54.2 0.0 115.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VD077039.D
Acq: 28 Aug 2023 12:57

Tgt Ion: 114 Resp: 353835
Ion Ratio Lower Upper
114 100
63 16.3 0.0 33.4
88 13.8 0.0 26.2

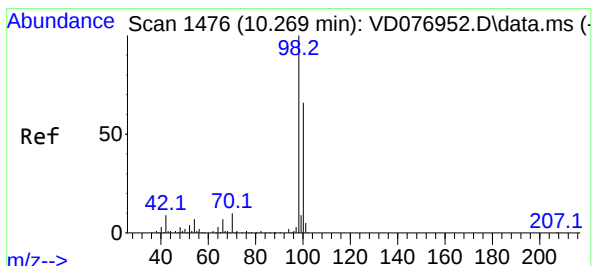
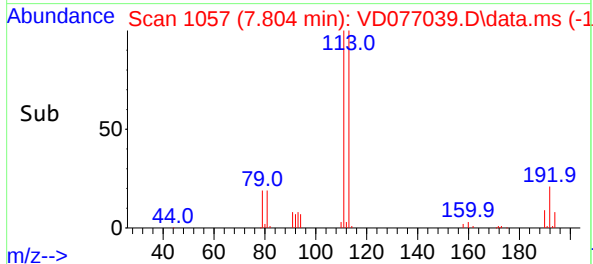
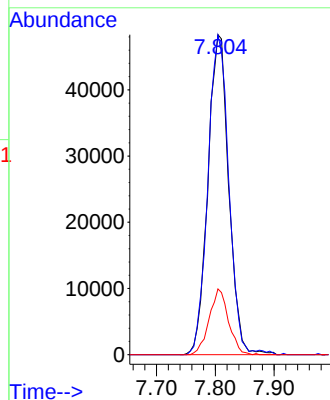
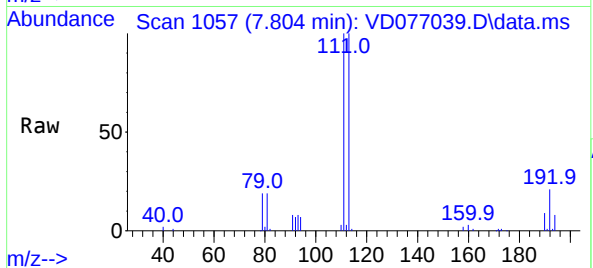




#35
Dibromofluoromethane
Concen: 50.302 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD077039.D
Acq: 28 Aug 2023 12:57

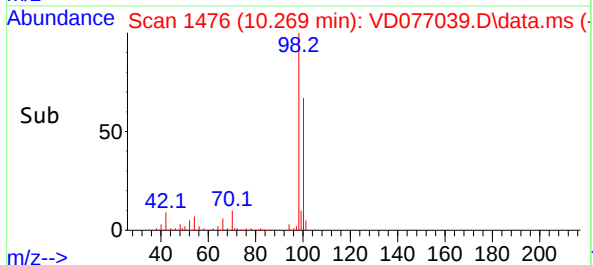
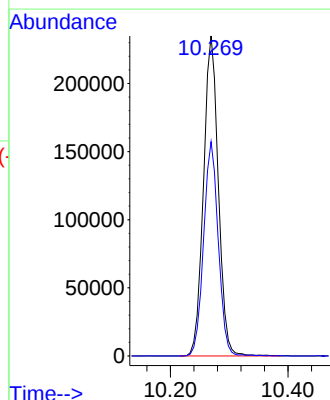
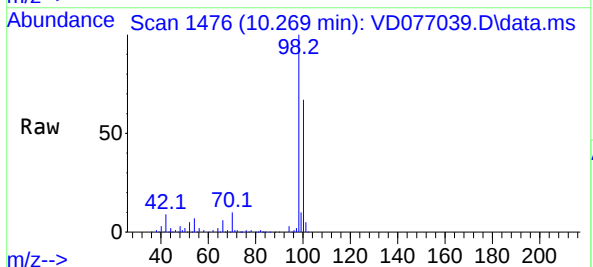
Instrument :
MSVOA_D
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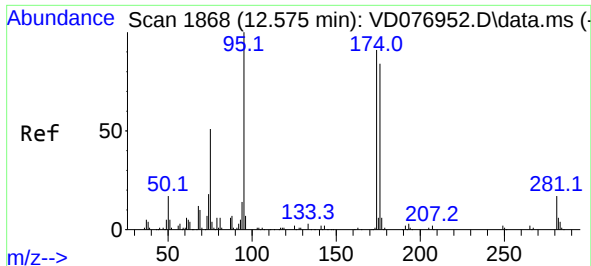
Tgt Ion:113 Resp: 118907
Ion Ratio Lower Upper
113 100
111 100.0 84.7 127.1
192 19.1 16.8 25.2



#50
Toluene-d8
Concen: 48.040 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD077039.D
Acq: 28 Aug 2023 12:57

Tgt Ion: 98 Resp: 410830
Ion Ratio Lower Upper
98 100
100 66.0 50.3 75.5

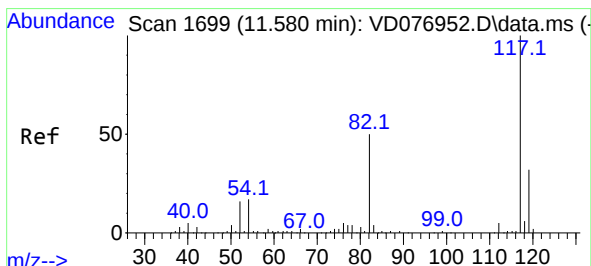
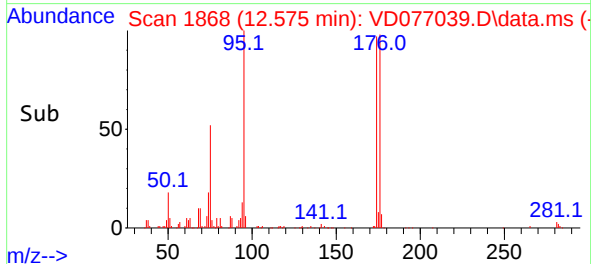
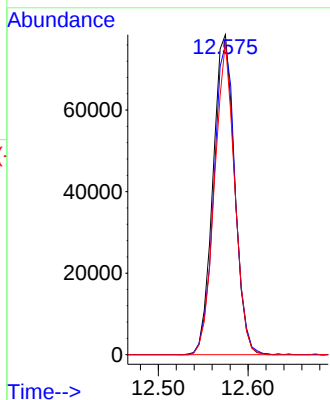
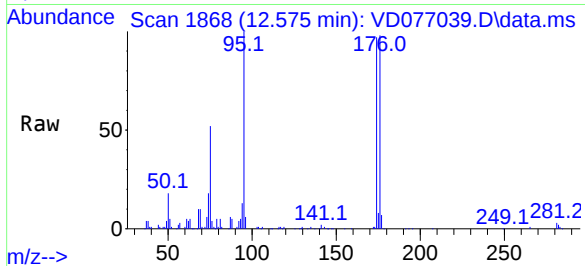




#62
4-Bromofluorobenzene
Concen: 51.917 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077039.D
Acq: 28 Aug 2023 12:57

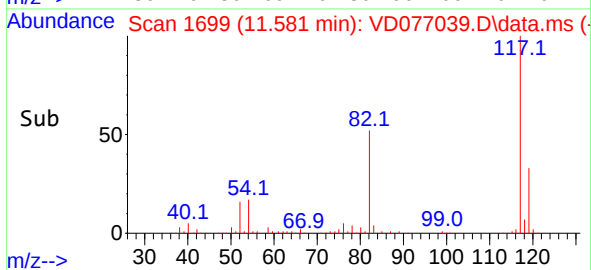
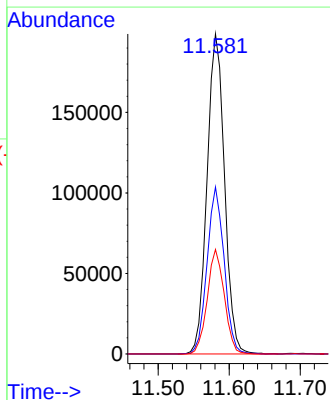
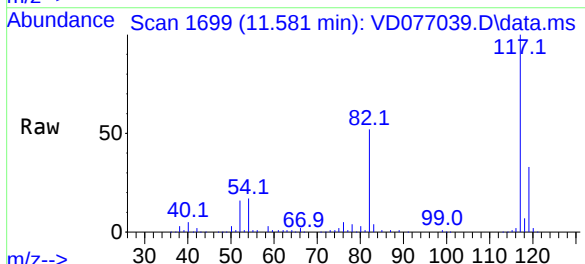
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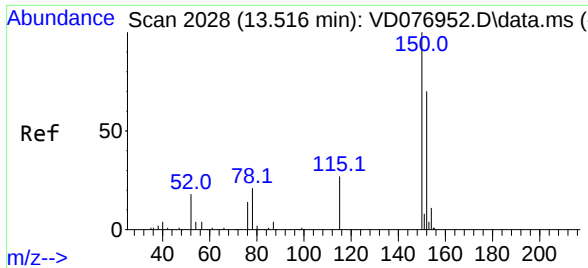
Tgt Ion: 95 Resp: 130901
Ion Ratio Lower Upper
95 100
174 96.0 0.0 201.8
176 91.2 0.0 191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.001 min
Lab File: VD077039.D
Acq: 28 Aug 2023 12:57

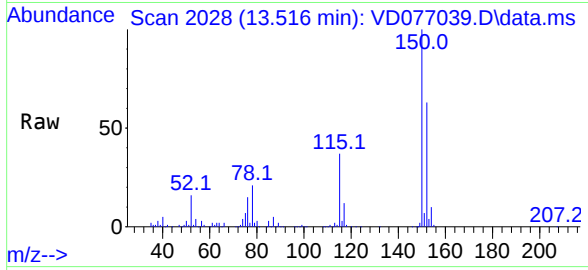
Tgt Ion: 117 Resp: 339981
Ion Ratio Lower Upper
117 100
82 52.1 38.3 57.5
119 32.7 25.0 37.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VD077039.D
 Acq: 28 Aug 2023 12:57

Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK



Tgt Ion:152 Resp: 156002

Ion	Ratio	Lower	Upper
152	100		
115	58.1	27.1	81.3
150	160.8	0.0	353.6

