

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082823\
 Data File : VD077041.D
 Acq On : 28 Aug 2023 15:09
 Operator : JC/SY
 Sample : VD0828SBL01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VBLK15

Quant Time: Aug 29 02:50:46 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	151562	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	312327	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	301217	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	138679	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	74761	50.100	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	100.200%
35) Dibromofluoromethane	7.799	113	102439	49.095	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.180%
50) Toluene-d8	10.269	98	369254	48.917	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.840%
62) 4-Bromofluorobenzene	12.575	95	111661	50.172	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	100.340%

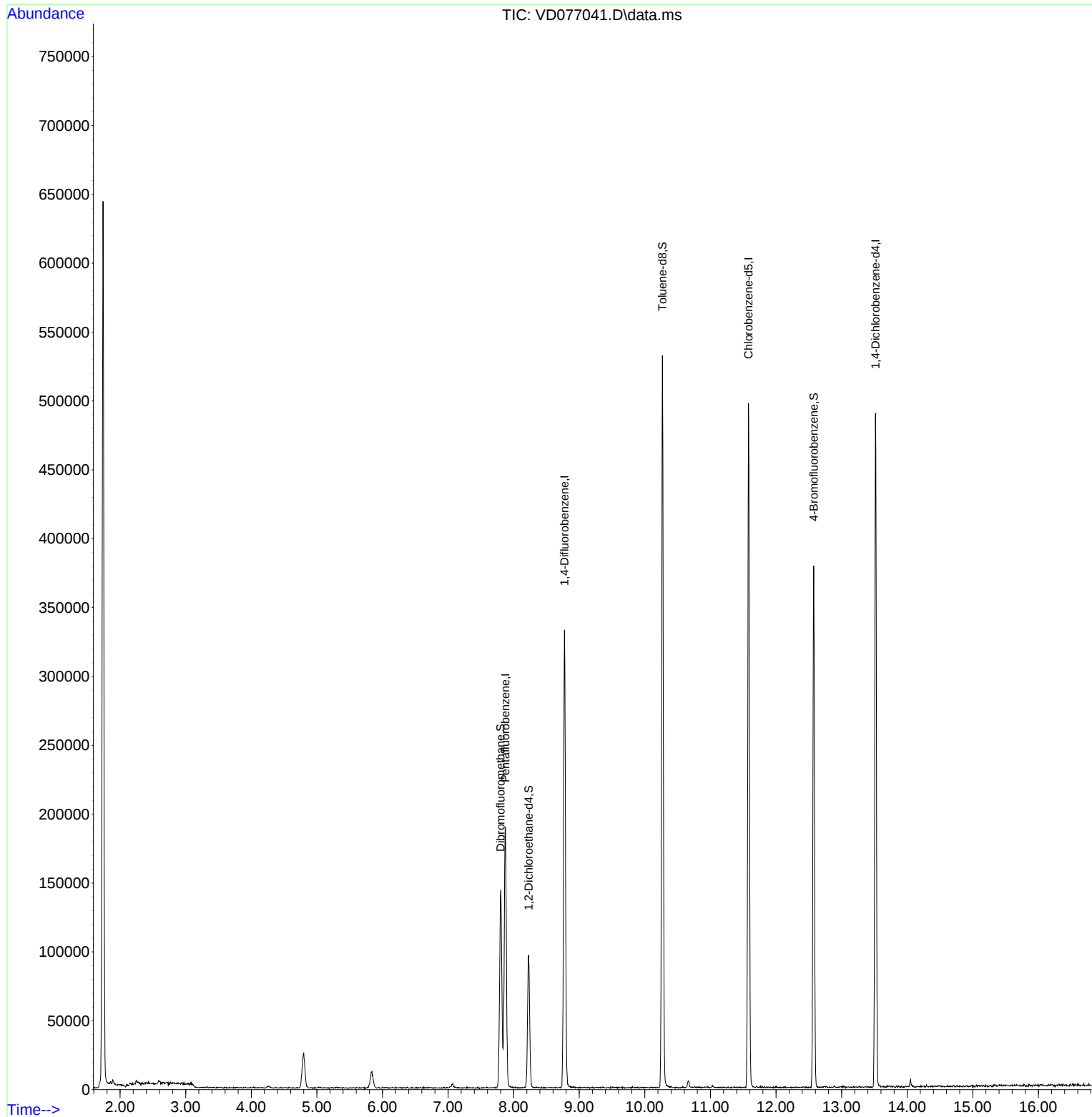
Target Compounds	Qvalue

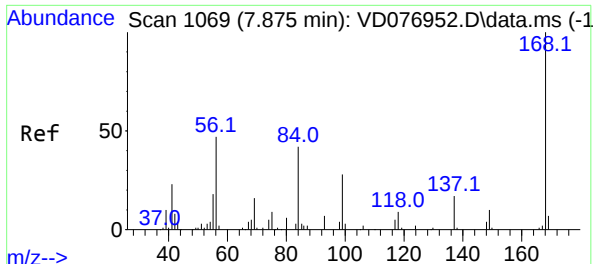
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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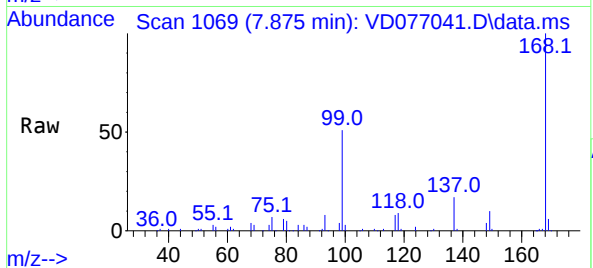
Quant Time: Aug 29 02:50:46 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D082823S.M
Quant Title : SW846 8260
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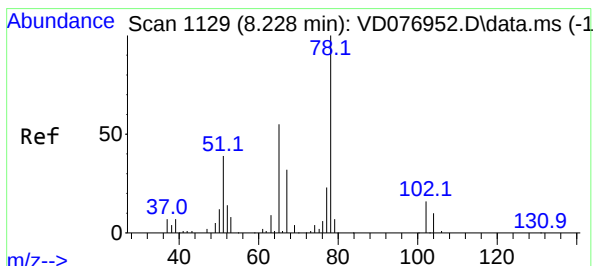
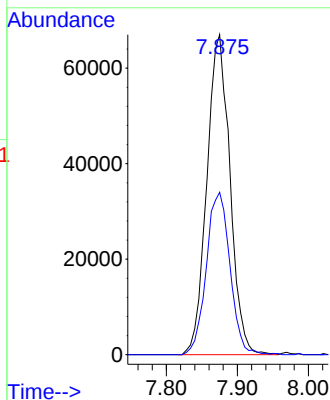
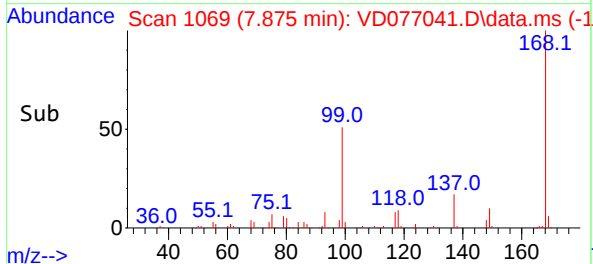


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD077041.D
Acq: 28 Aug 2023 15:09

Instrument :
MSVOA_D
ClientSampleId :
VBLK15

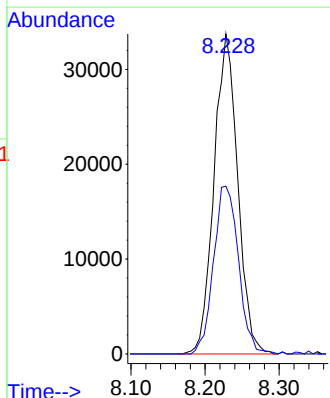
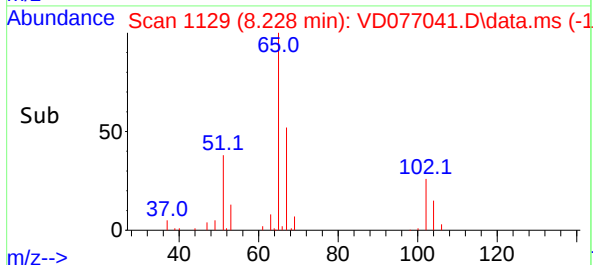
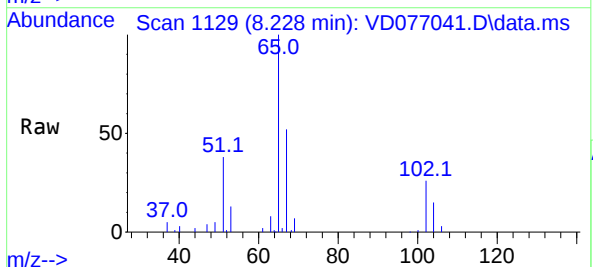


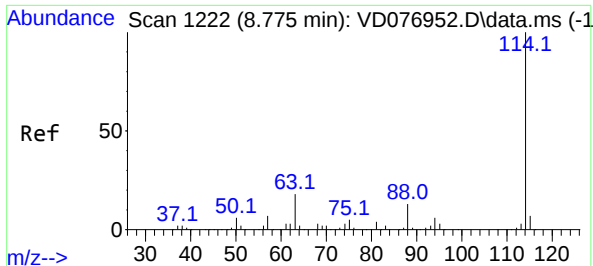
Tgt Ion:168 Resp: 151562
Ion Ratio Lower Upper
168 100
99 50.8 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 50.100 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD077041.D
Acq: 28 Aug 2023 15:09

Tgt Ion: 65 Resp: 74761
Ion Ratio Lower Upper
65 100
67 55.3 0.0 115.0

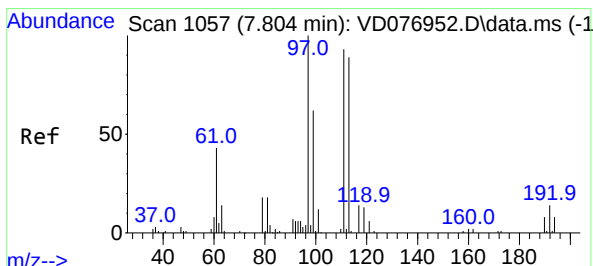
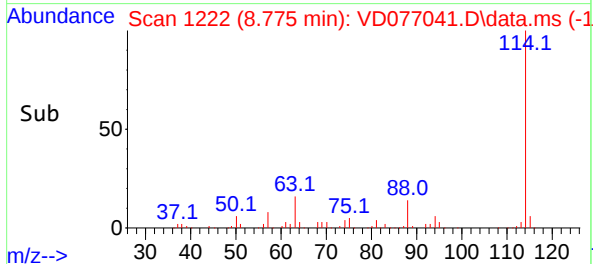
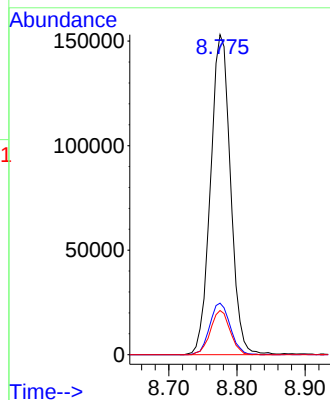
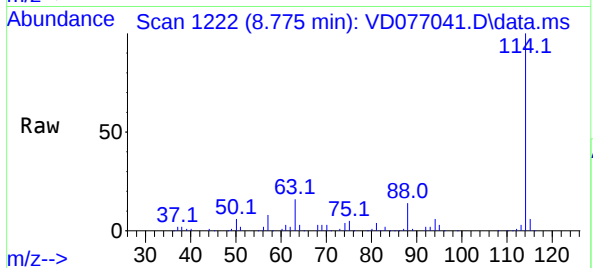




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077041.D
Acq: 28 Aug 2023 15:09

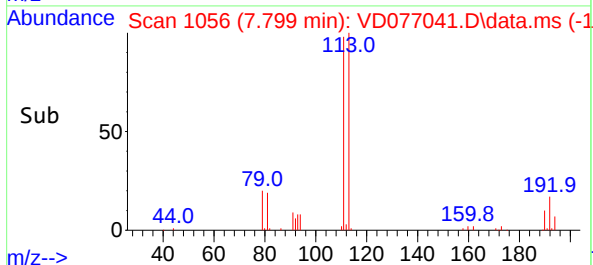
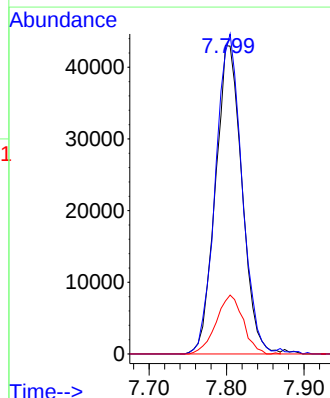
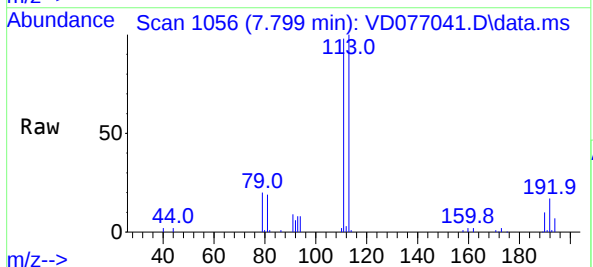
Instrument :
MSVOA_D
ClientSampleId :
VBLK15

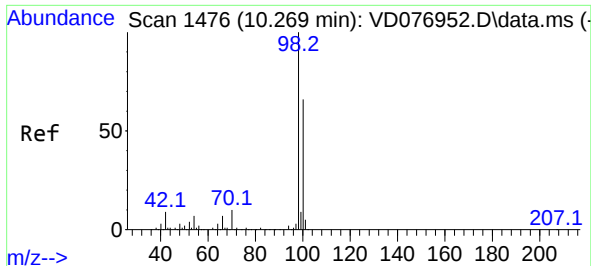
Tgt Ion:114 Resp: 312327
Ion Ratio Lower Upper
114 100
63 16.1 0.0 33.4
88 13.8 0.0 26.2



#35
Dibromofluoromethane
Concen: 49.095 ug/l
RT: 7.799 min Scan# 1056
Delta R.T. -0.005 min
Lab File: VD077041.D
Acq: 28 Aug 2023 15:09

Tgt Ion:113 Resp: 102439
Ion Ratio Lower Upper
113 100
111 103.3 84.7 127.1
192 19.4 16.8 25.2

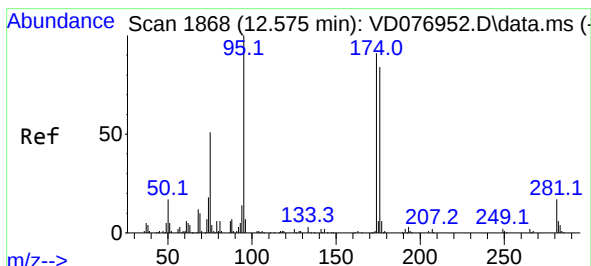
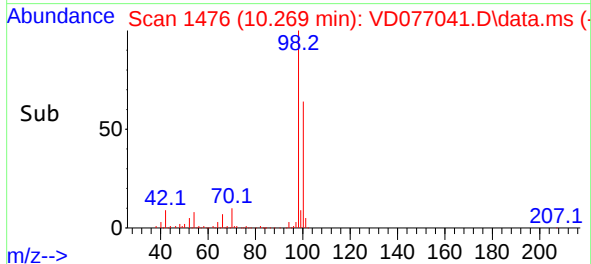
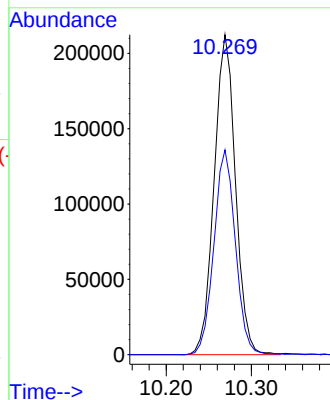
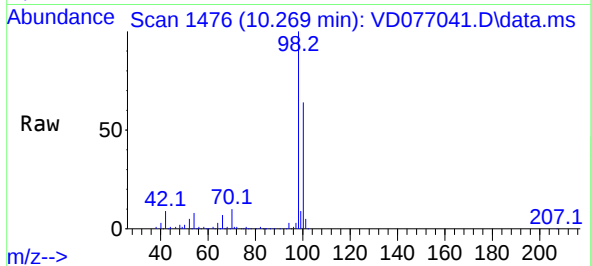




#50
Toluene-d8
Concen: 48.917 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077041.D
Acq: 28 Aug 2023 15:09

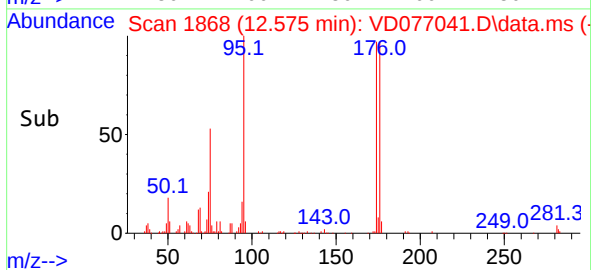
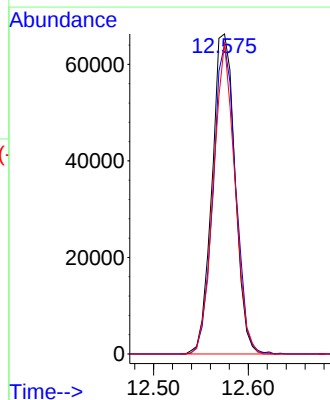
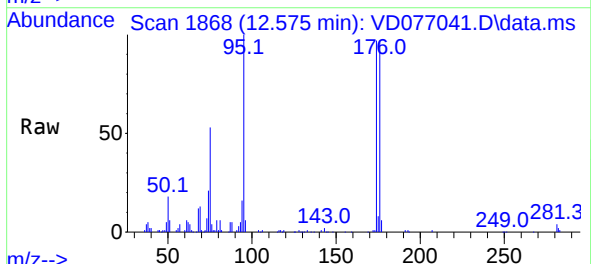
Instrument :
MSVOA_D
ClientSampleId :
VBLK15

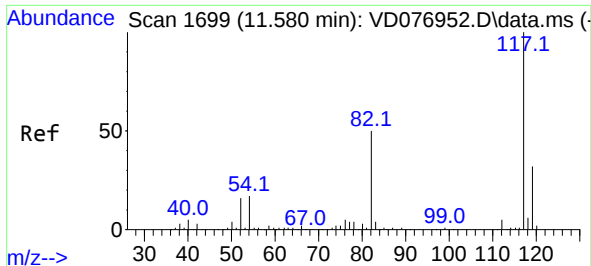
Tgt Ion: 98 Resp: 369254
Ion Ratio Lower Upper
98 100
100 64.5 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 50.172 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077041.D
Acq: 28 Aug 2023 15:09

Tgt Ion: 95 Resp: 111661
Ion Ratio Lower Upper
95 100
174 95.0 0.0 201.8
176 91.0 0.0 191.8

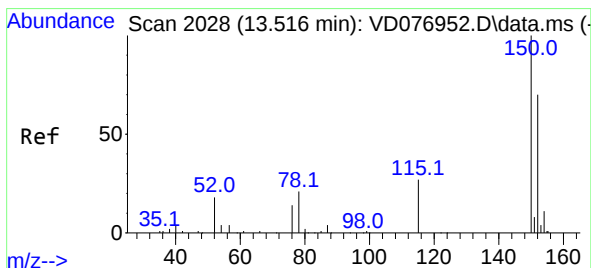
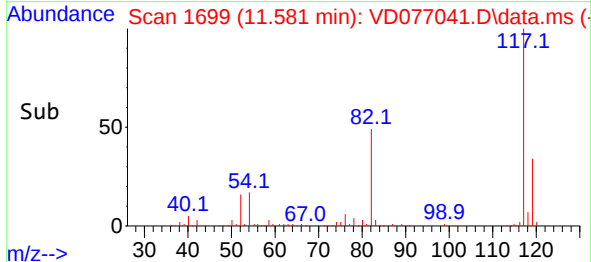
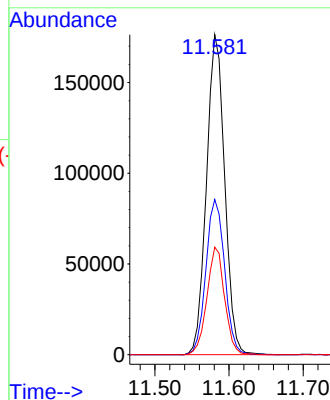
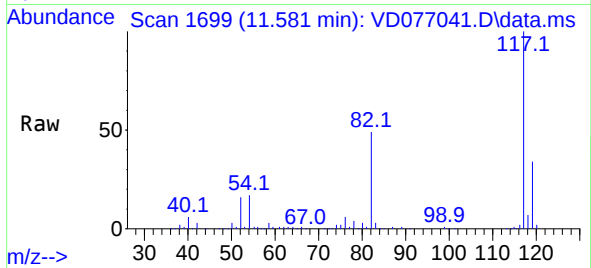




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. 0.001 min
Lab File: VD077041.D
Acq: 28 Aug 2023 15:09

Instrument :
MSVOA_D
ClientSampleId :
VBLK15

Tgt Ion:117 Resp: 301217
Ion Ratio Lower Upper
117 100
82 48.5 38.3 57.5
119 33.6 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: VD077041.D
Acq: 28 Aug 2023 15:09

Tgt Ion:152 Resp: 138679
Ion Ratio Lower Upper
152 100
115 55.6 27.1 81.3
150 158.0 0.0 353.6

