

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101424\
 Data File : VD079971.D
 Acq On : 14 Oct 2024 10:50
 Operator : RP/MD
 Sample : VD1014SBL01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1014SBL01

Quant Time: Oct 15 03:11:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101124S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 14 03:20:54 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	131370	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	232939	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	212651	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	99419	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	87073	58.267	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.540%
35) Dibromofluoromethane	7.810	113	86330	51.348	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.700%
50) Toluene-d8	10.269	98	272803	45.533	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	91.060%
62) 4-Bromofluorobenzene	12.569	95	91823	43.904	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	87.800%

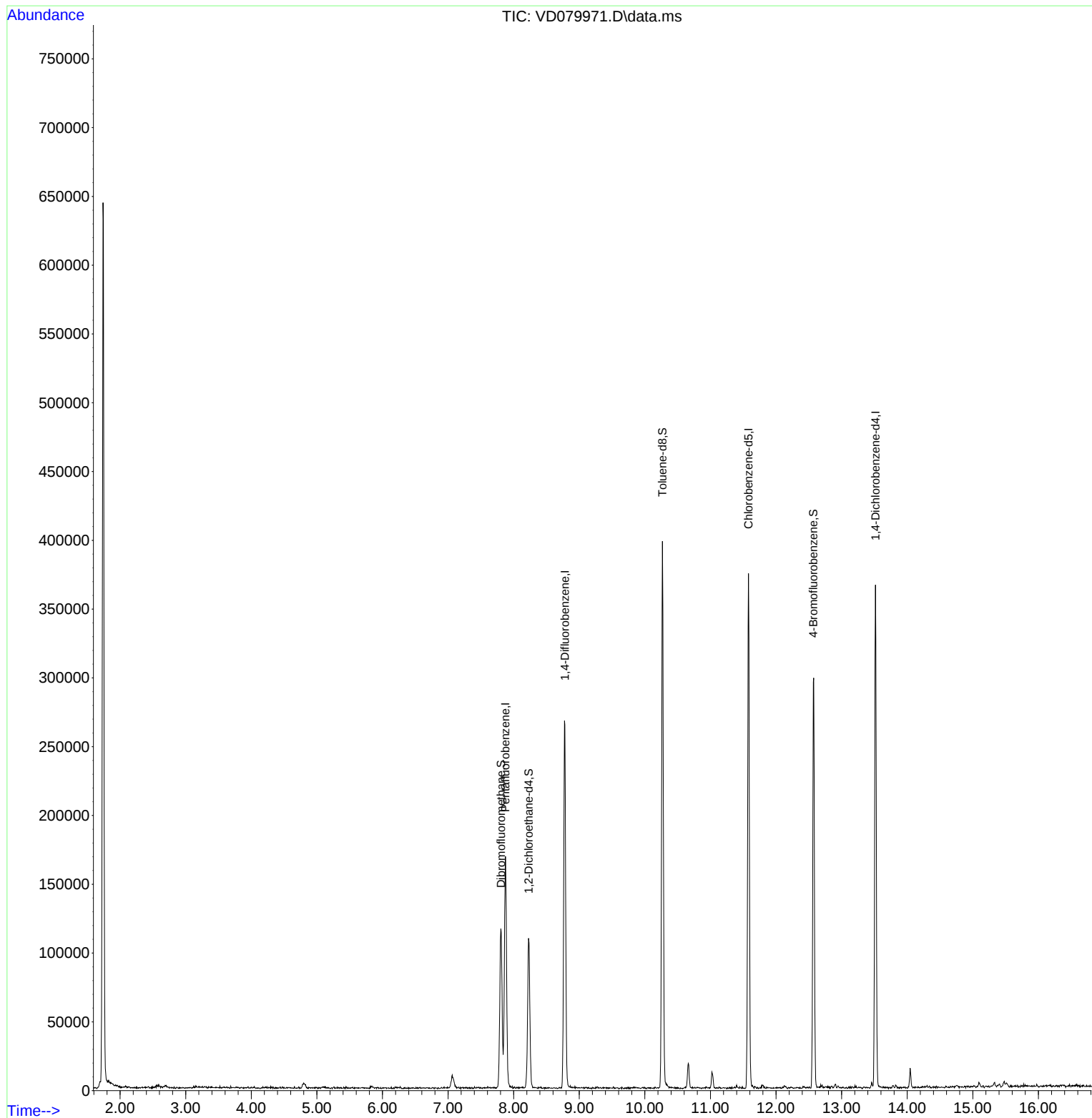
Target Compounds	Qvalue

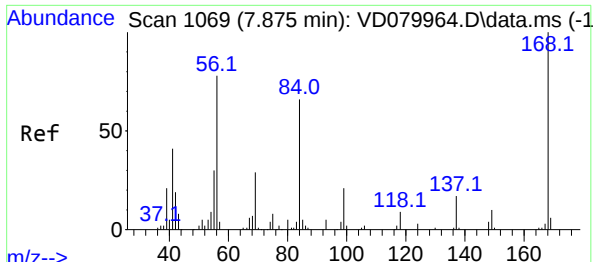
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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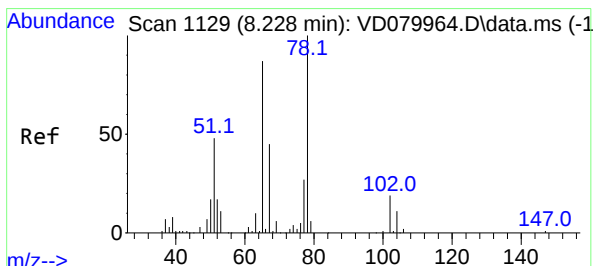
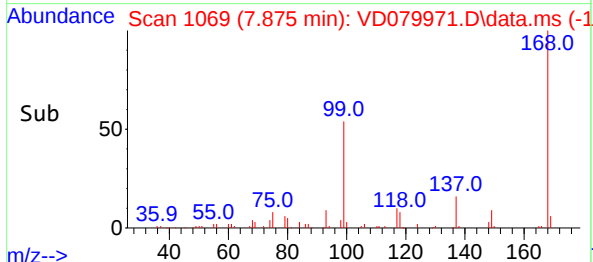
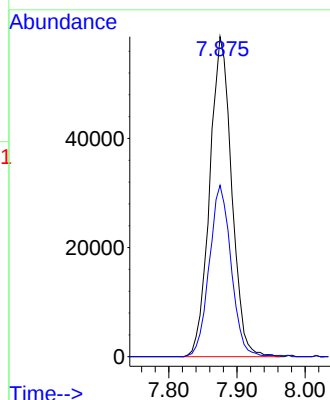
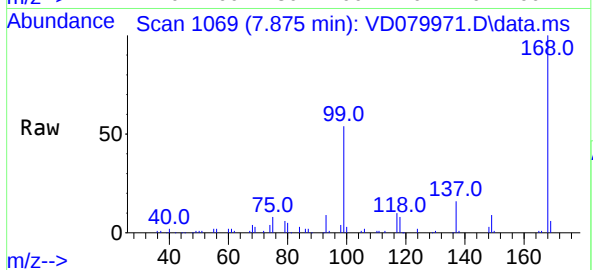




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079971.D
Acq: 14 Oct 2024 10:50

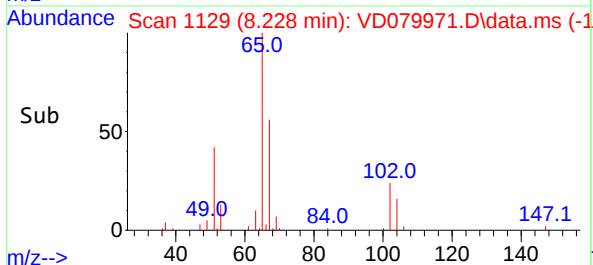
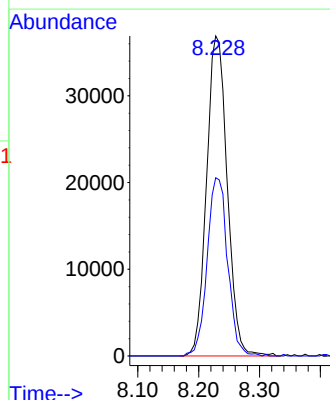
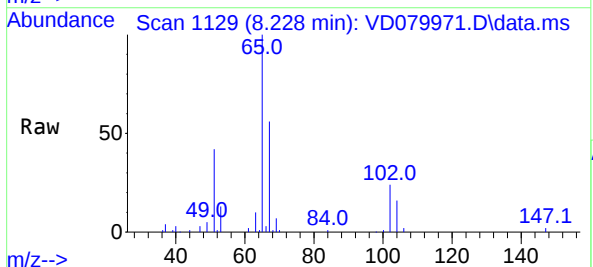
Instrument :
MSVOA_D
ClientSampleId :
VD1014SBL01

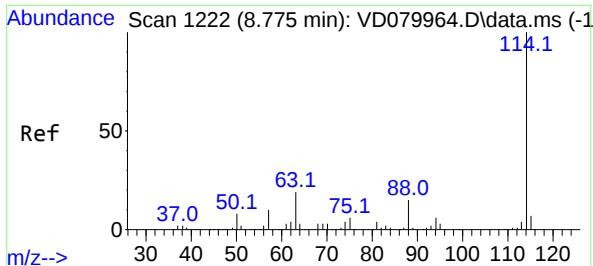
Tgt Ion:168 Resp: 131370
Ion Ratio Lower Upper
168 100
99 53.5 46.0 69.0



#33
1,2-Dichloroethane-d4
Concen: 58.267 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD079971.D
Acq: 14 Oct 2024 10:50

Tgt Ion: 65 Resp: 87073
Ion Ratio Lower Upper
65 100
67 55.1 0.0 109.2

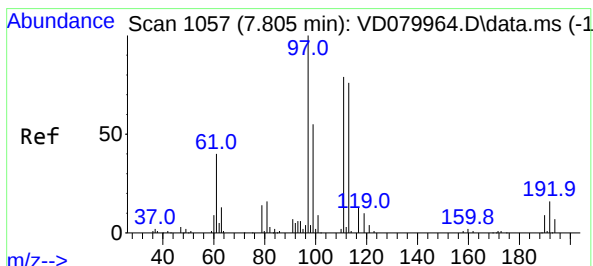
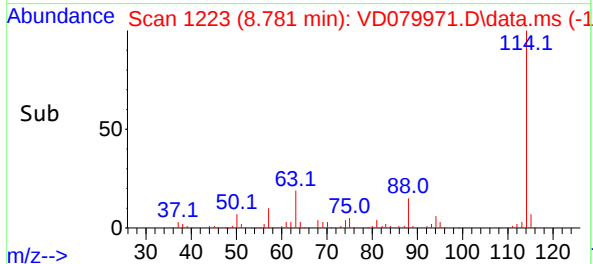
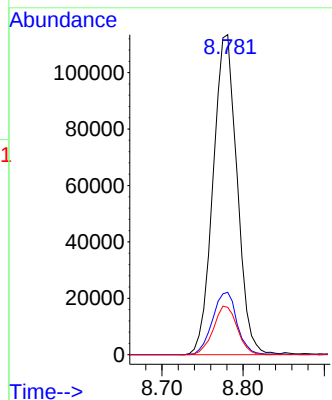
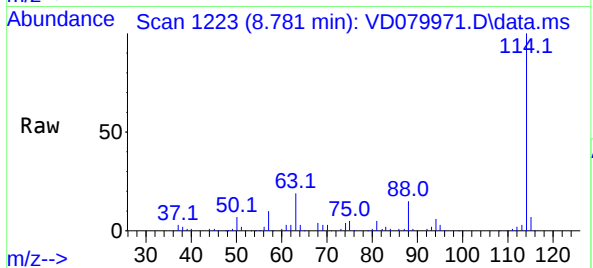




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD079971.D
Acq: 14 Oct 2024 10:50

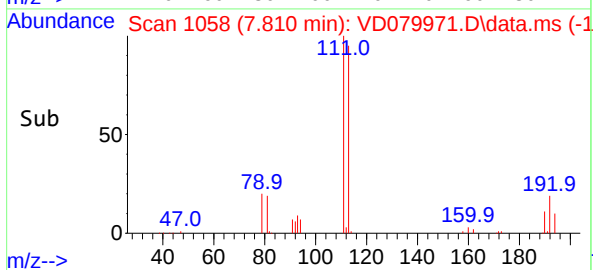
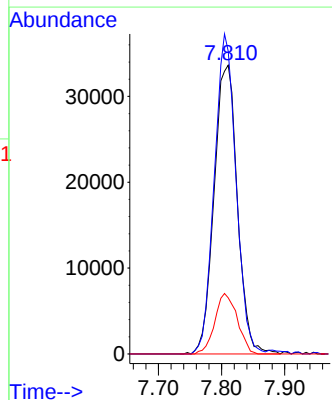
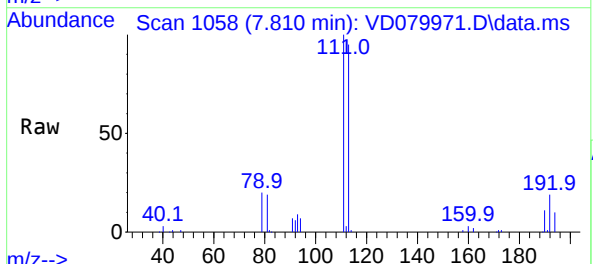
Instrument :
MSVOA_D
ClientSampleId :
VD1014SBL01

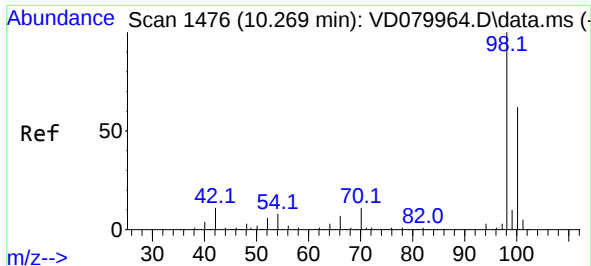
Tgt Ion:114 Resp: 232939
Ion Ratio Lower Upper
114 100
63 19.5 0.0 38.8
88 14.8 0.0 30.6



#35
Dibromofluoromethane
Concen: 51.348 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VD079971.D
Acq: 14 Oct 2024 10:50

Tgt Ion:113 Resp: 86330
Ion Ratio Lower Upper
113 100
111 103.1 82.5 123.7
192 20.1 16.6 25.0

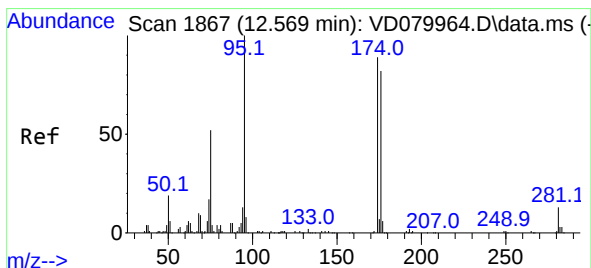
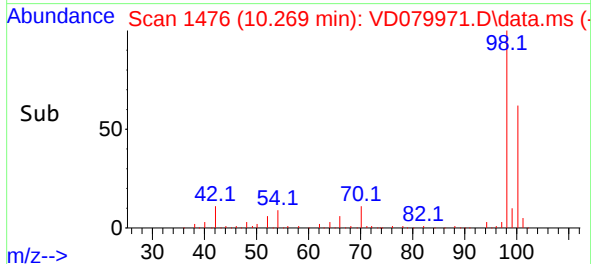
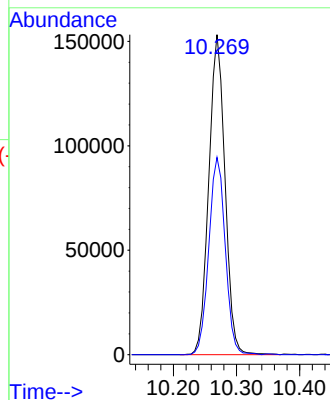
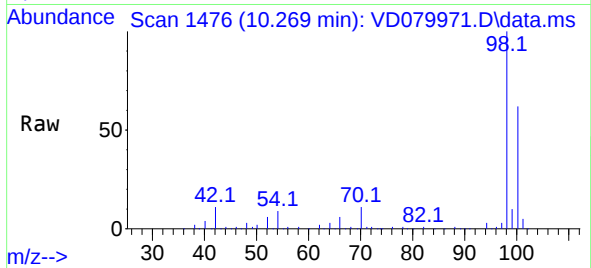




#50
Toluene-d8
Concen: 45.533 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD079971.D
Acq: 14 Oct 2024 10:50

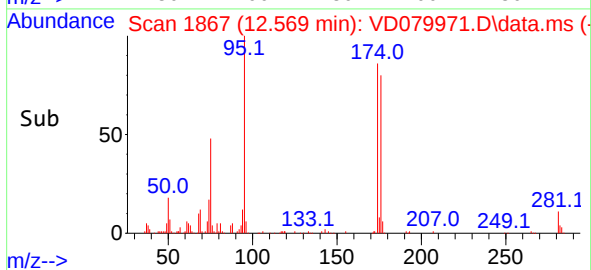
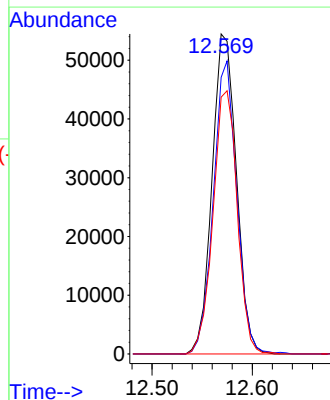
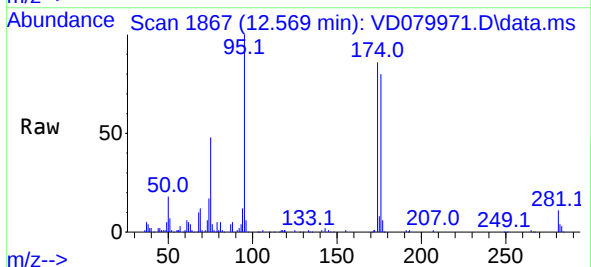
Instrument :
MSVOA_D
ClientSampleId :
VD1014SBL01

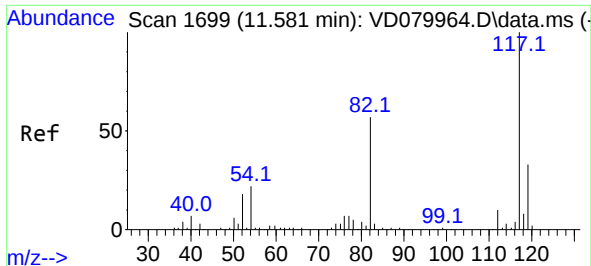
Tgt Ion: 98 Resp: 272803
Ion Ratio Lower Upper
98 100
100 62.5 50.2 75.4



#62
4-Bromofluorobenzene
Concen: 43.904 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079971.D
Acq: 14 Oct 2024 10:50

Tgt Ion: 95 Resp: 91823
Ion Ratio Lower Upper
95 100
174 88.4 0.0 173.4
176 82.0 0.0 166.6

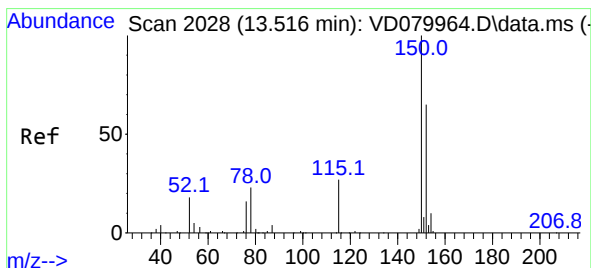
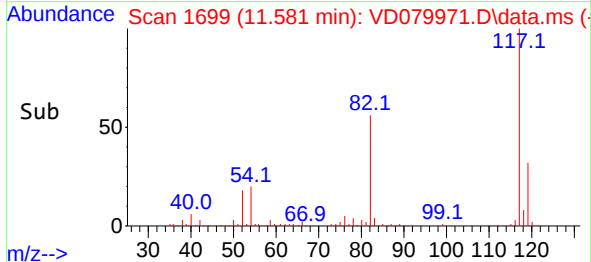
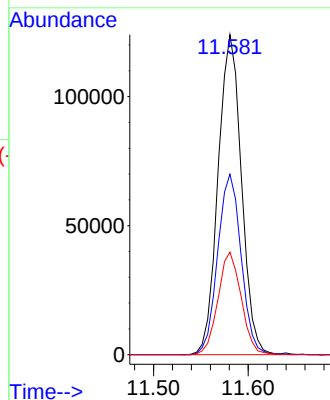
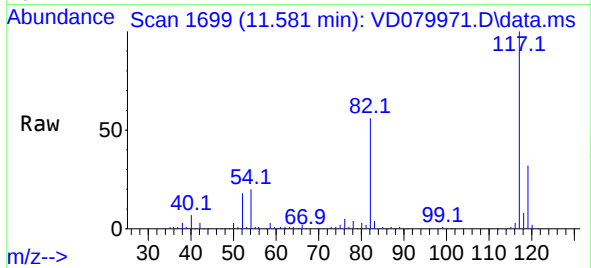




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD079971.D
Acq: 14 Oct 2024 10:50

Instrument :
MSVOA_D
ClientSampleId :
VD1014SBL01

Tgt Ion:117 Resp: 212651
Ion Ratio Lower Upper
117 100
82 56.4 45.8 68.6
119 32.0 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD079971.D
Acq: 14 Oct 2024 10:50

Tgt Ion:152 Resp: 99419
Ion Ratio Lower Upper
152 100
115 57.2 28.9 86.8
150 159.1 0.0 354.8

