

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121323\
 Data File : VD077864.D
 Acq On : 13 Dec 2023 16:04
 Operator : RP/MD
 Sample : 05760-05
 Misc : 5.05G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SLAB

Quant Time: Dec 14 01:53:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 08 13:33:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	16770	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	29589	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	31622	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	14167	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	12770	64.622	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	129.240%
35) Dibromofluoromethane	7.804	113	8538	41.195	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	82.380%
50) Toluene-d8	10.269	98	38389	46.246	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	92.500%
62) 4-Bromofluorobenzene	12.575	95	11882	47.876	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	95.760%

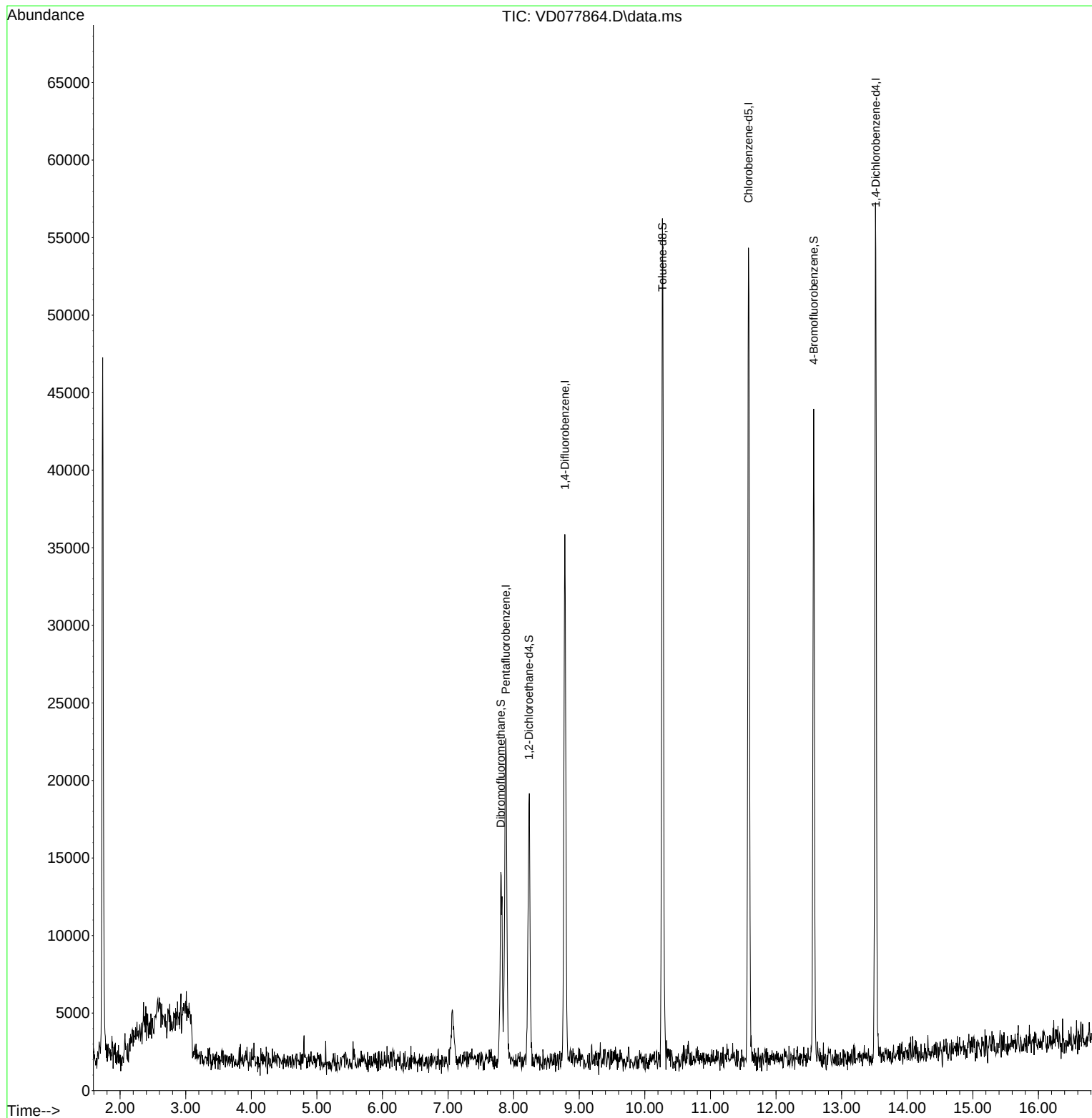
Target Compounds	Qvalue

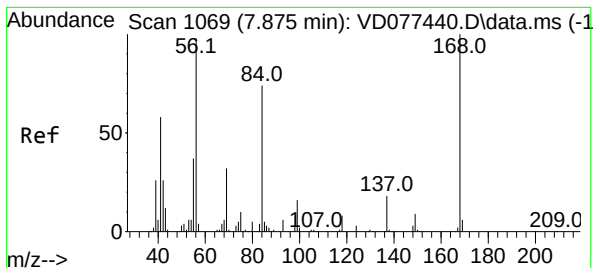
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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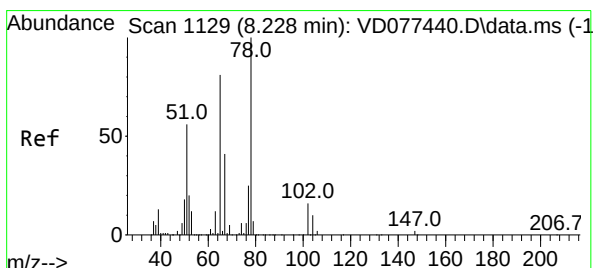
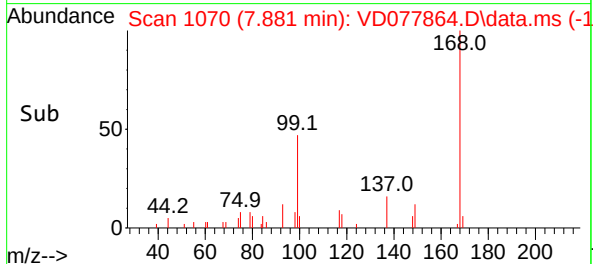
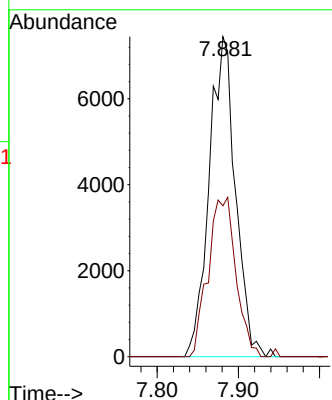
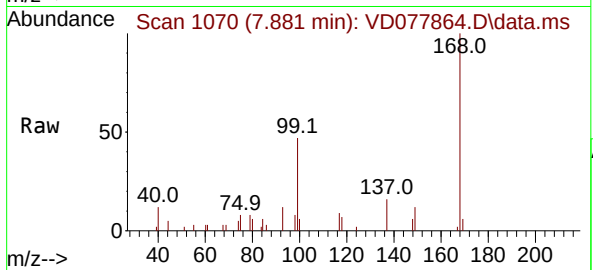




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1107
Delta R.T. 0.006 min
Lab File: VD077864.D
Acq: 13 Dec 2023 16:04

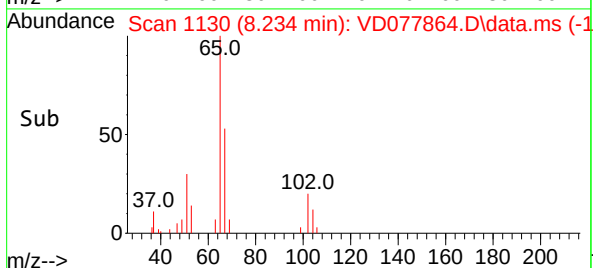
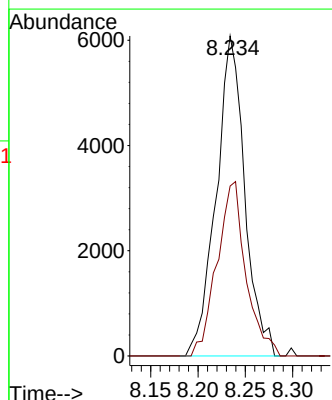
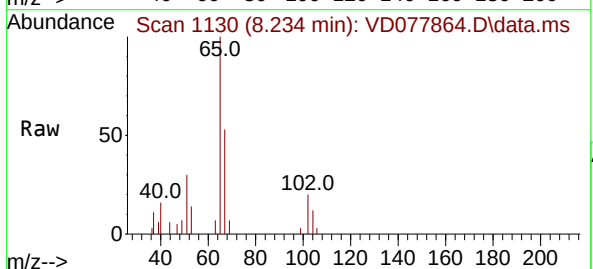
Instrument :
MSVOA_D
ClientSampleId :
SLAB

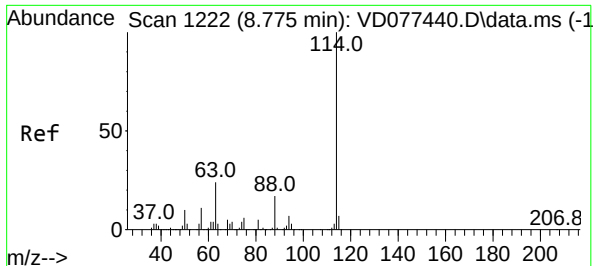
Tgt Ion:168 Resp: 16770
Ion Ratio Lower Upper
168 100
99 47.2 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 64.622 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD077864.D
Acq: 13 Dec 2023 16:04

Tgt Ion: 65 Resp: 12770
Ion Ratio Lower Upper
65 100
67 55.2 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD077864.D

Acq: 13 Dec 2023 16:04

Instrument :

MSVOA_D

ClientSampleId :

SLAB

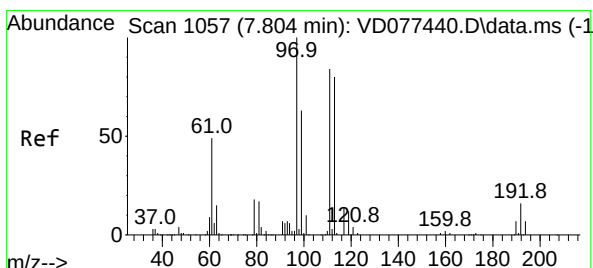
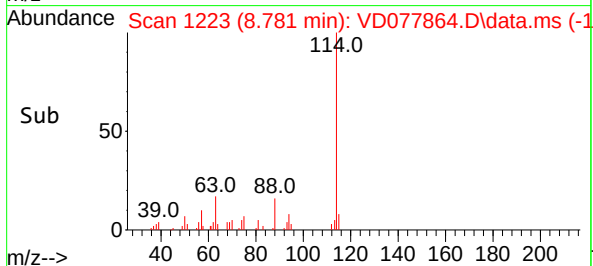
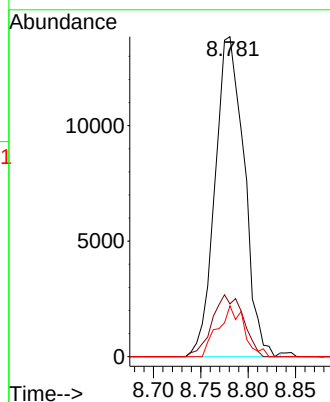
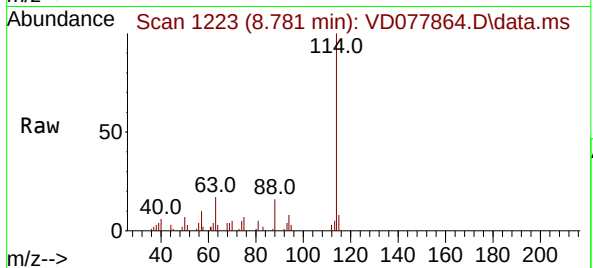
Tgt Ion:114 Resp: 29589

Ion Ratio Lower Upper

114 100

63 16.5 0.0 33.4

88 15.9 0.0 26.2



#35

Dibromofluoromethane

Concen: 41.195 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD077864.D

Acq: 13 Dec 2023 16:04

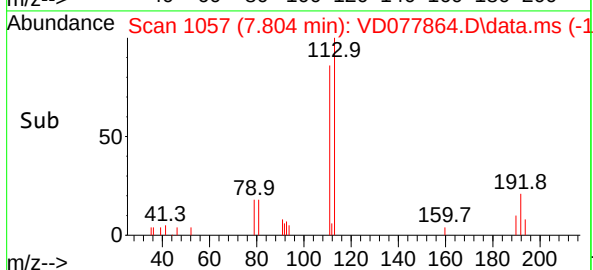
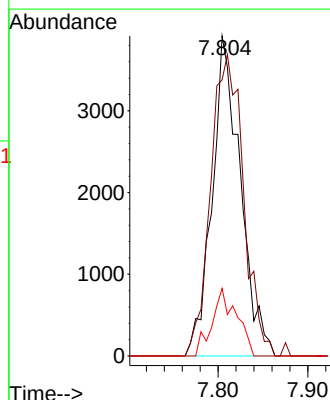
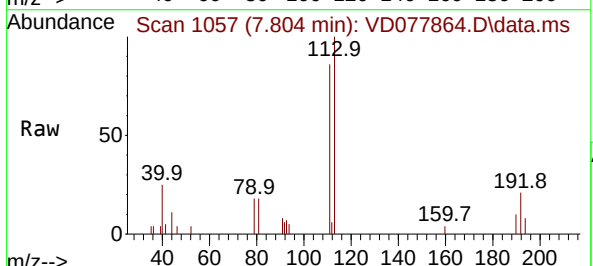
Tgt Ion:113 Resp: 8538

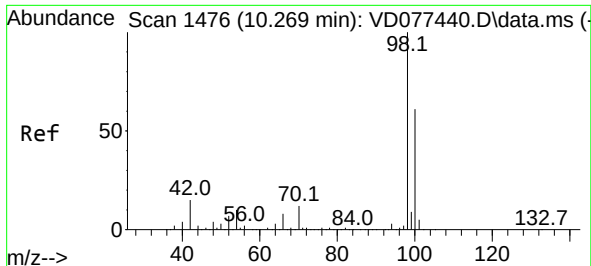
Ion Ratio Lower Upper

113 100

111 109.4 84.7 127.1

192 18.4 16.8 25.2

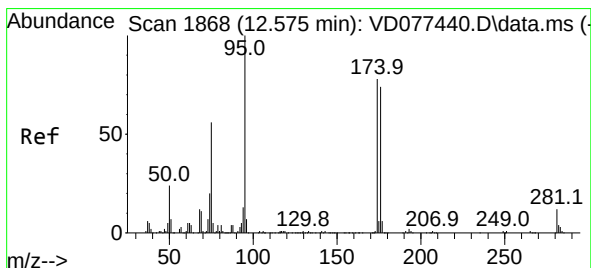
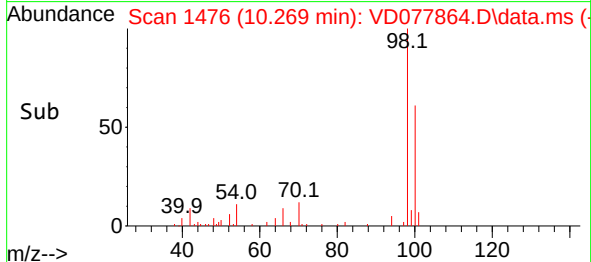
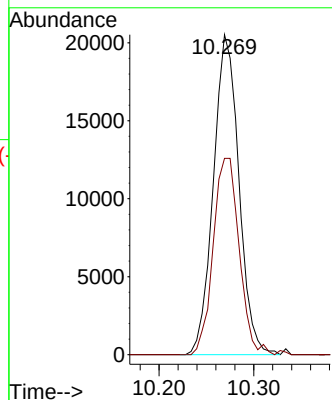
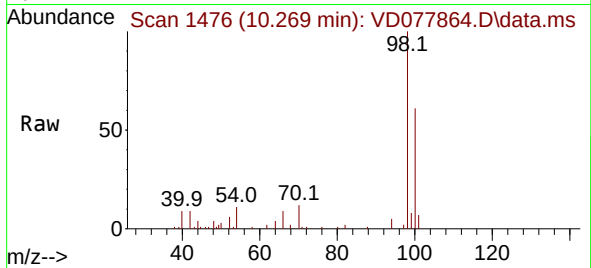




#50
Toluene-d8
Concen: 46.246 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077864.D
Acq: 13 Dec 2023 16:04

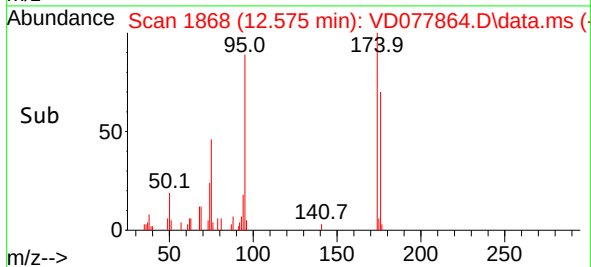
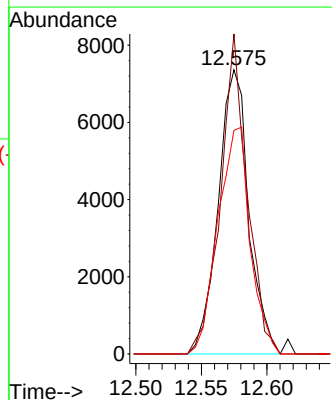
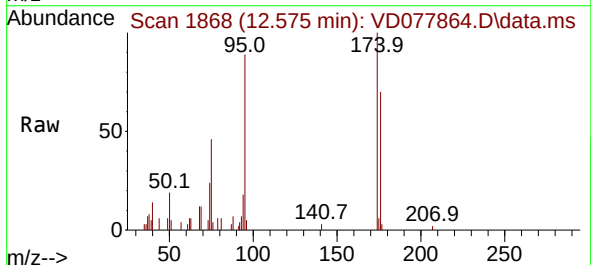
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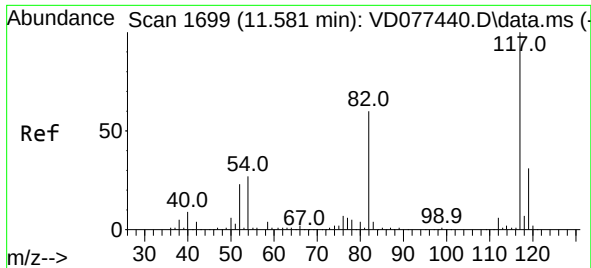
Tgt Ion: 98 Resp: 38389
Ion Ratio Lower Upper
98 100
100 62.5 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 47.876 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077864.D
Acq: 13 Dec 2023 16:04

Tgt Ion: 95 Resp: 11882
Ion Ratio Lower Upper
95 100
174 98.3 0.0 201.8
176 84.6 0.0 191.8

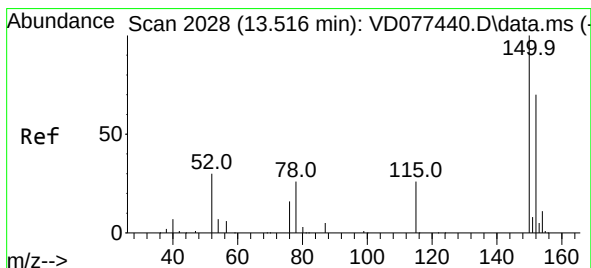
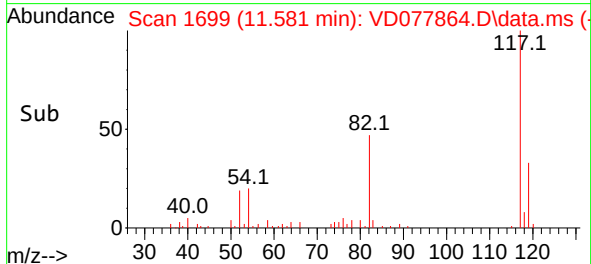
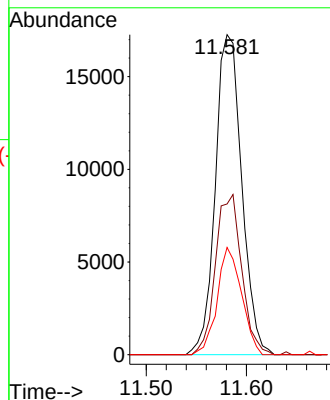
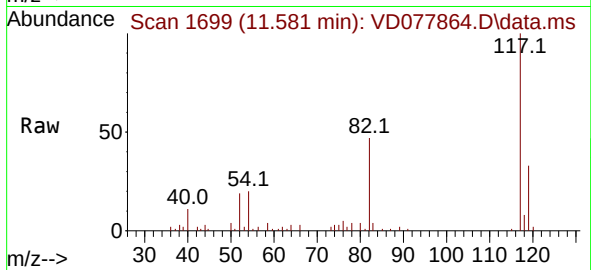




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077864.D
Acq: 13 Dec 2023 16:04

Instrument :
MSVOA_D
ClientSampleId :
SLAB

Tgt Ion:117 Resp: 31622
Ion Ratio Lower Upper
117 100
82 47.1 38.3 57.5
119 33.5 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: VD077864.D
Acq: 13 Dec 2023 16:04

Tgt Ion:152 Resp: 14167
Ion Ratio Lower Upper
152 100
115 59.6 27.1 81.3
150 168.0 0.0 353.6

