

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121223\
 Data File : VD077841.D
 Acq On : 12 Dec 2023 14:50
 Operator : JC/SY
 Sample : 05692-01RE
 Misc : 5.10G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EO-03-12072023

Quant Time: Dec 12 15:07:53 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	194170	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	364301	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	340846	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	147371	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	94530	41.315	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	82.640%
35) Dibromofluoromethane	7.810	113	108367	42.467	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	84.940%
50) Toluene-d8	10.275	98	465585	45.555	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	91.100%
62) 4-Bromofluorobenzene	12.575	95	127517	41.732	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	83.460%

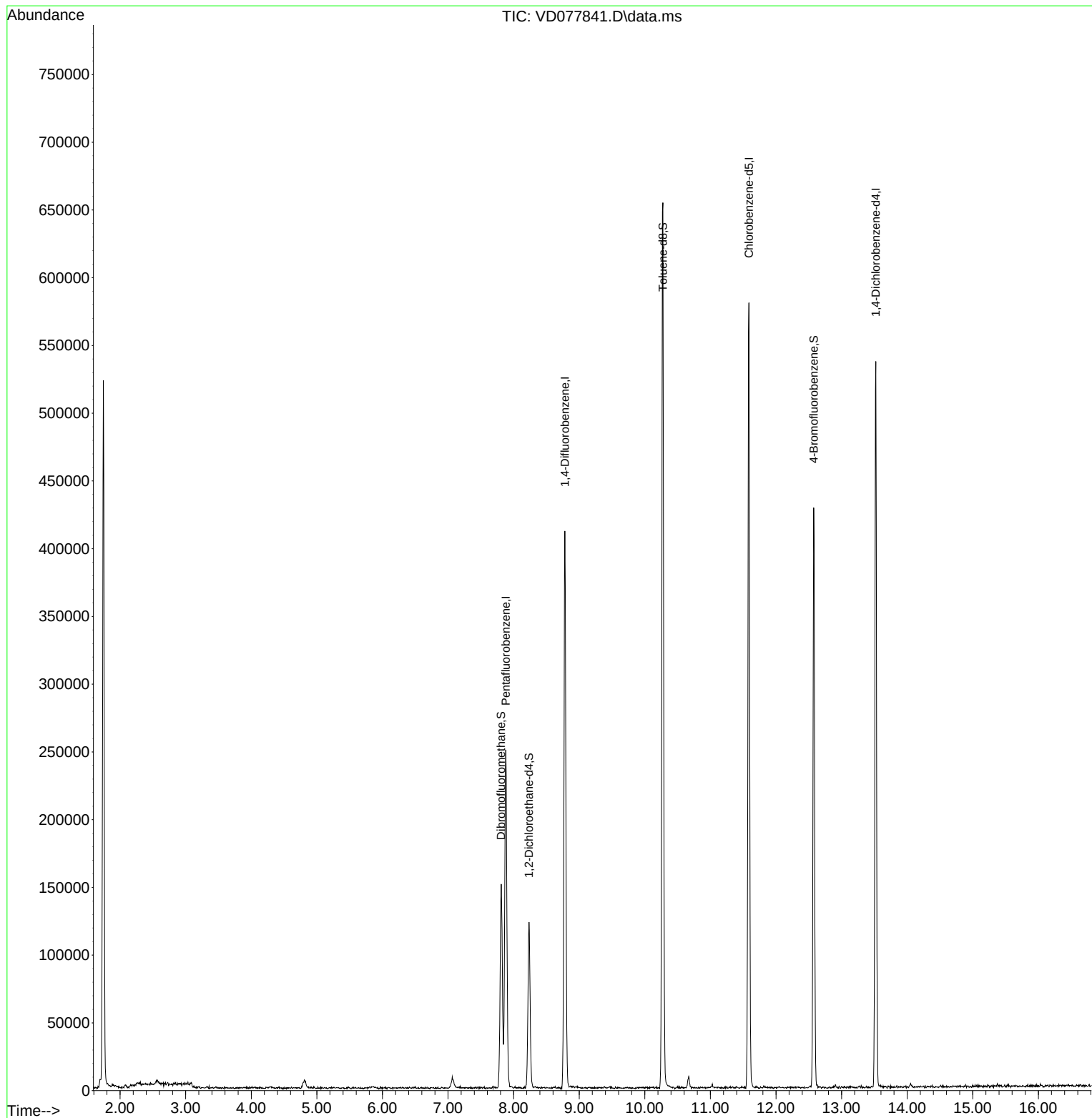
Target Compounds	Qvalue

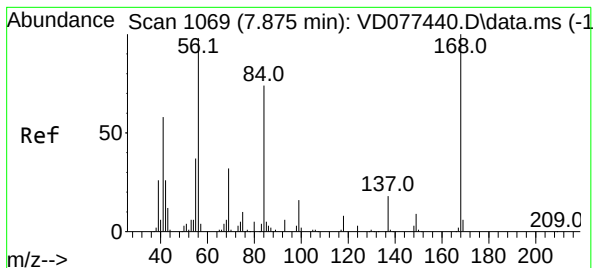
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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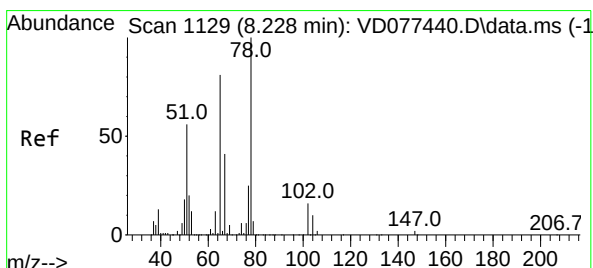
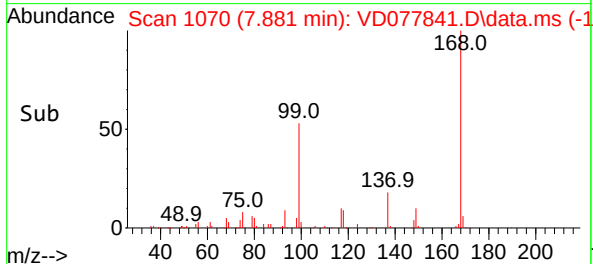
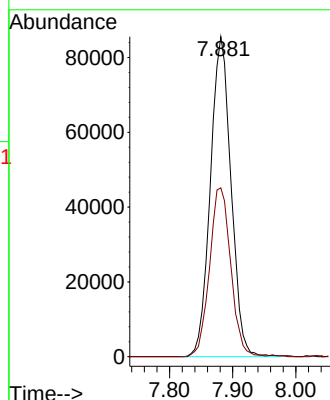
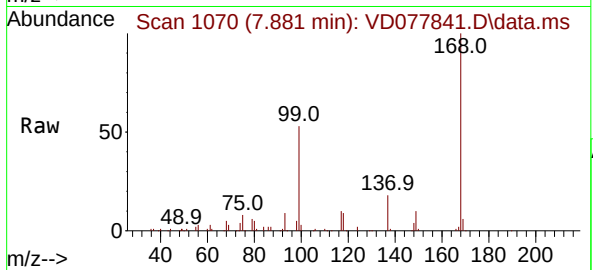




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1107
Delta R.T. 0.006 min
Lab File: VD077841.D
Acq: 12 Dec 2023 14:50

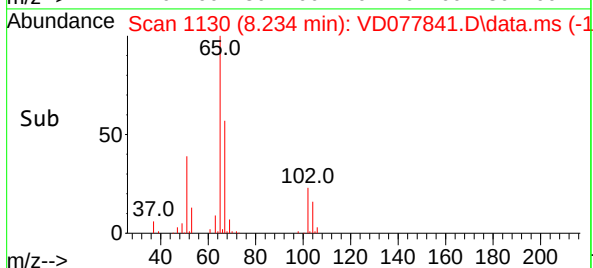
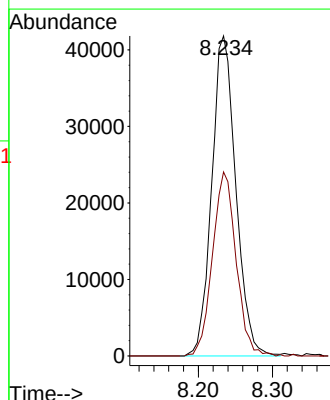
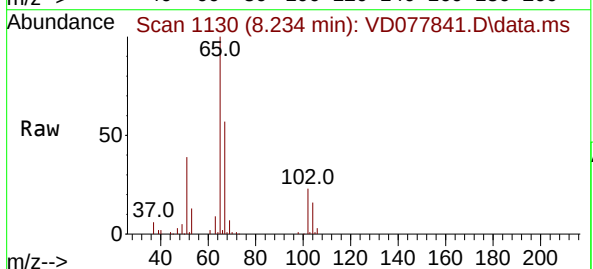
Instrument :
MSVOA_D
ClientSampleId :
EO-03-12072023

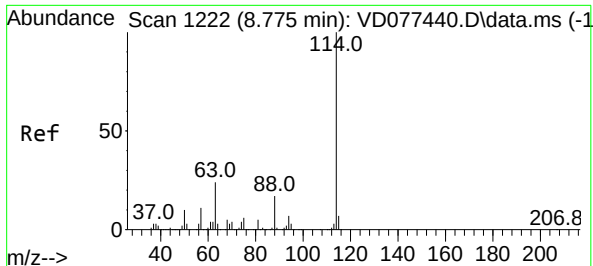
Tgt Ion:168 Resp: 194170
Ion Ratio Lower Upper
168 100
99 52.8 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 41.315 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD077841.D
Acq: 12 Dec 2023 14:50

Tgt Ion: 65 Resp: 94530
Ion Ratio Lower Upper
65 100
67 56.3 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: VD077841.D

Acq: 12 Dec 2023 14:50

Instrument :

MSVOA_D

ClientSampleId :

EO-03-12072023

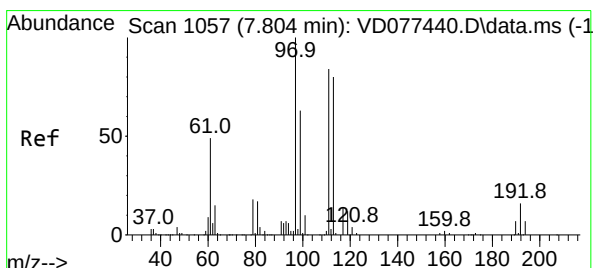
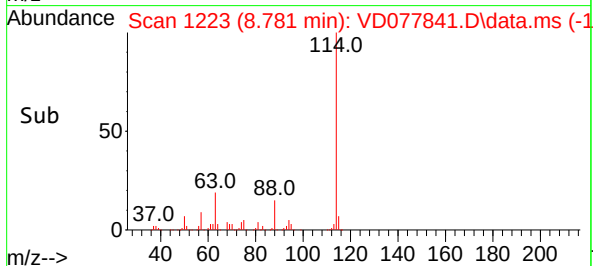
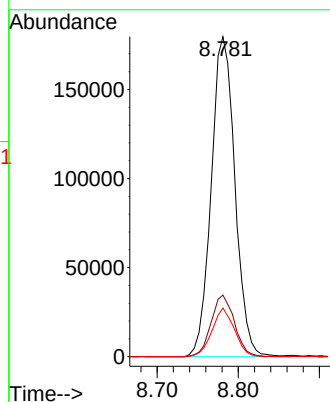
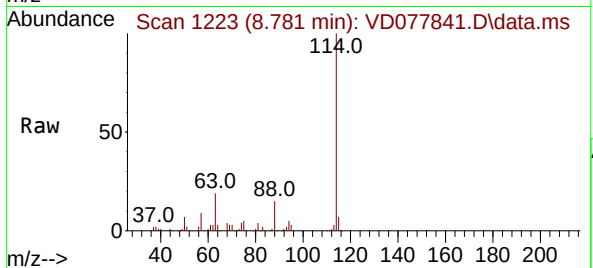
Tgt Ion:114 Resp: 364301

Ion Ratio Lower Upper

114 100

63 19.2 0.0 33.4

88 15.2 0.0 26.2



#35

Dibromofluoromethane

Concen: 42.467 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD077841.D

Acq: 12 Dec 2023 14:50

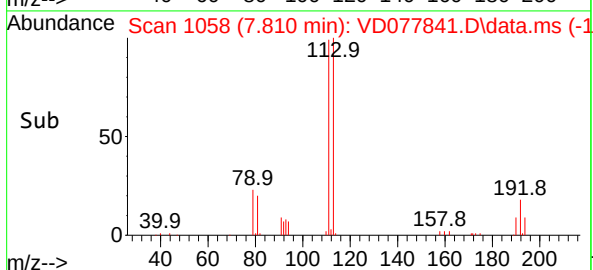
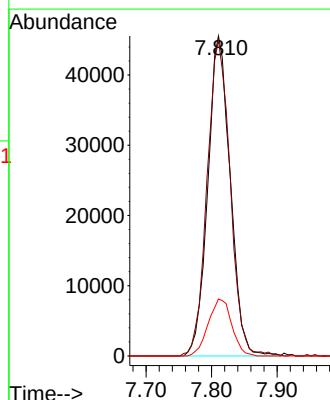
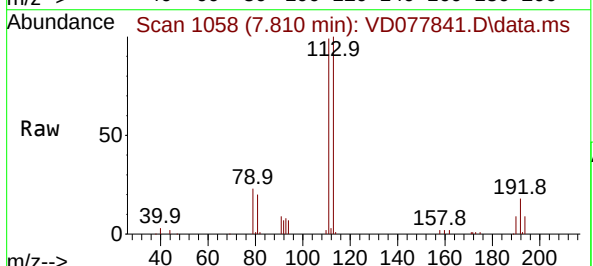
Tgt Ion:113 Resp: 108367

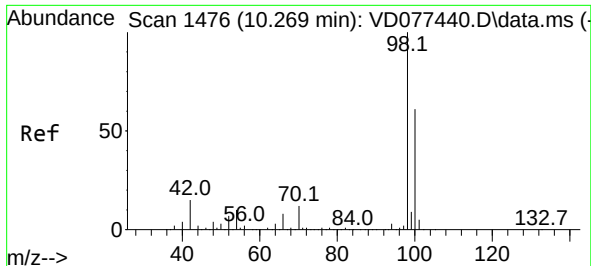
Ion Ratio Lower Upper

113 100

111 101.3 84.7 127.1

192 18.6 16.8 25.2

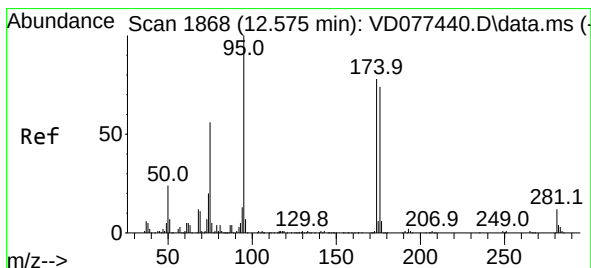
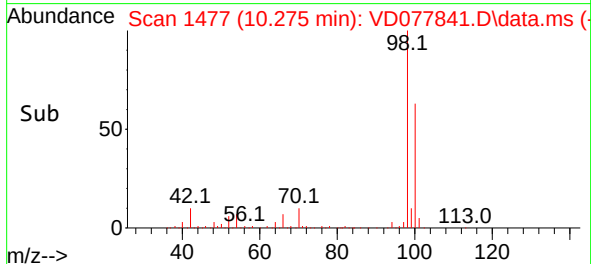
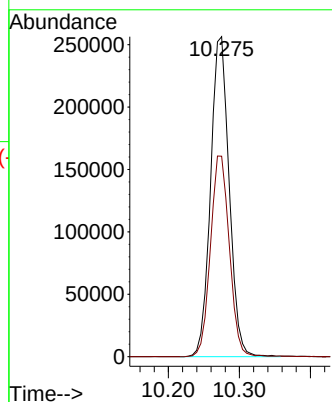
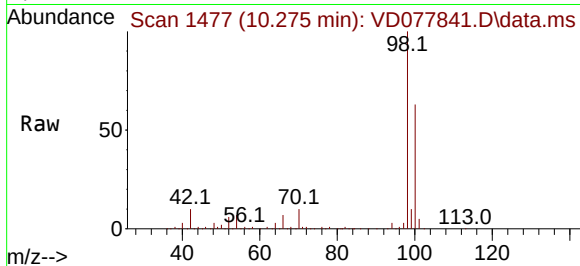




#50
Toluene-d8
Concen: 45.555 ug/l
RT: 10.275 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD077841.D
Acq: 12 Dec 2023 14:50

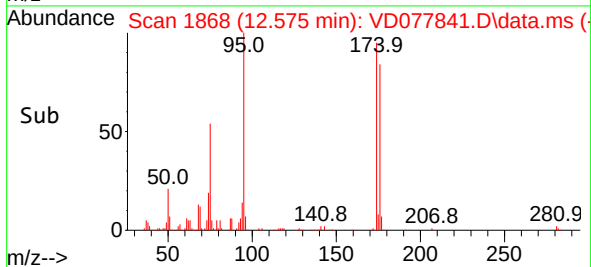
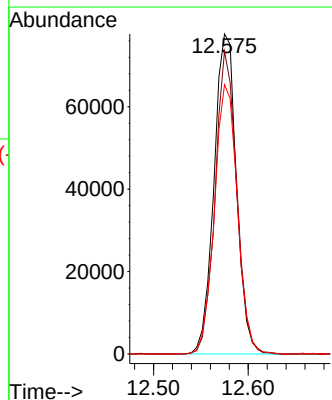
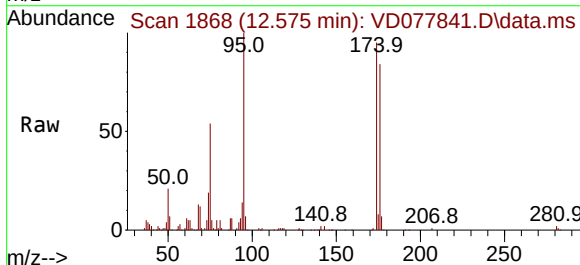
Instrument :
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ClientSampleId :
EO-03-12072023

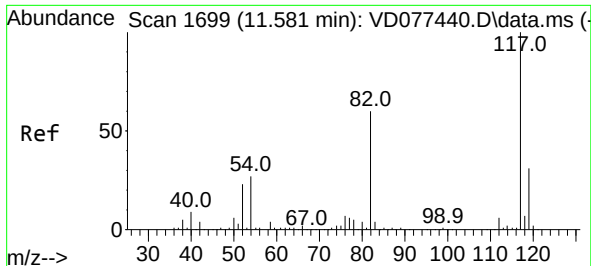
Tgt Ion: 98 Resp: 465585
Ion Ratio Lower Upper
98 100
100 63.7 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 41.732 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077841.D
Acq: 12 Dec 2023 14:50

Tgt Ion: 95 Resp: 127517
Ion Ratio Lower Upper
95 100
174 91.1 0.0 201.8
176 86.4 0.0 191.8

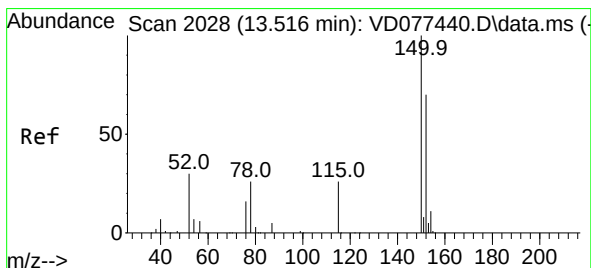
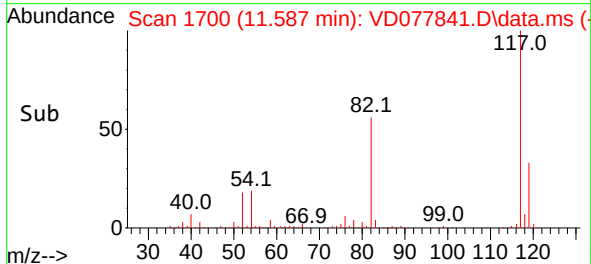
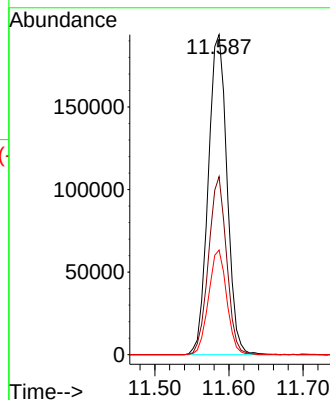
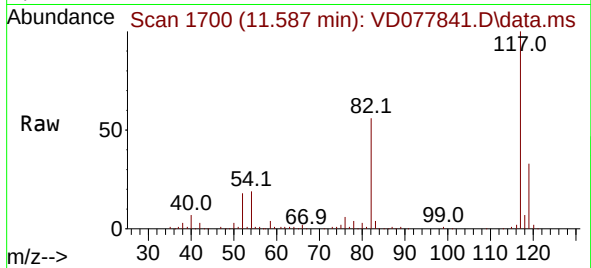




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD077841.D
Acq: 12 Dec 2023 14:50

Instrument :
MSVOA_D
ClientSampleId :
EO-03-12072023

Tgt Ion:117 Resp: 340846
Ion Ratio Lower Upper
117 100
82 55.7 38.3 57.5
119 32.7 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: VD077841.D
Acq: 12 Dec 2023 14:50

Tgt Ion:152 Resp: 147371
Ion Ratio Lower Upper
152 100
115 54.6 27.1 81.3
150 157.1 0.0 353.6

