

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101223\
 Data File : VD077323.D
 Acq On : 12 Oct 2023 18:05
 Operator : JC/SY
 Sample : 04825-01RE
 Misc : 5.01G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SU-02-101023RE

Quant Time: Oct 13 02:33:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101123S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 12 14:39:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	19652	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	48359	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	69361	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	36255	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	15400	99.676	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	199.360%#
35) Dibromofluoromethane	7.811	113	17770	70.567	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	141.140%
50) Toluene-d8	10.269	98	65324	77.362	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	154.720%#
62) 4-Bromofluorobenzene	12.575	95	28968	102.143	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	204.280%#

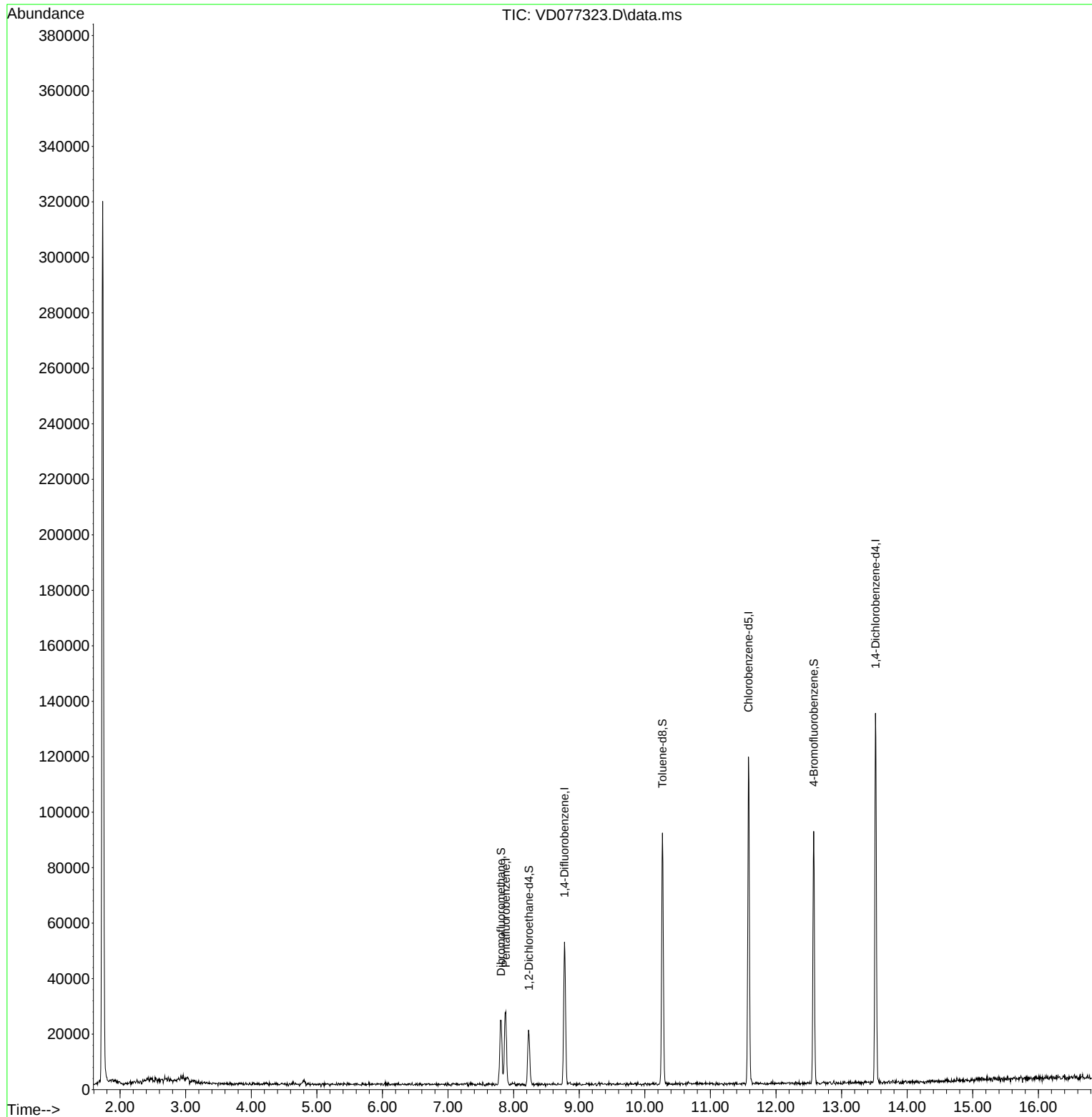
Target Compounds	Qvalue

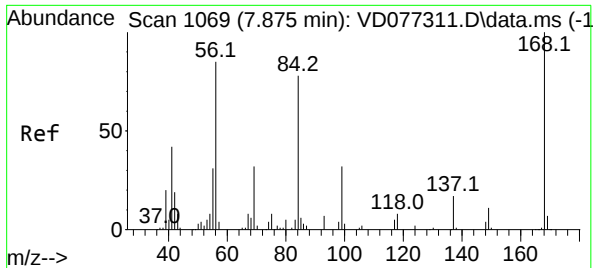
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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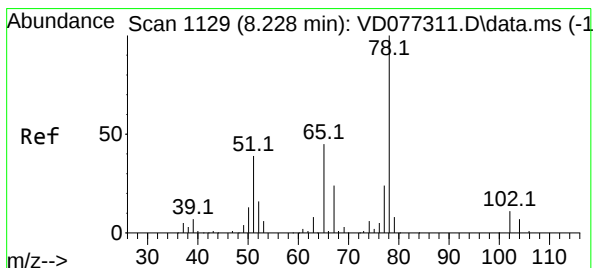
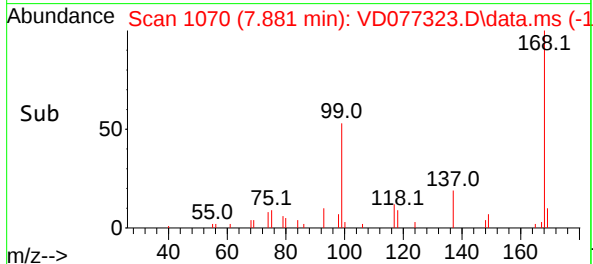
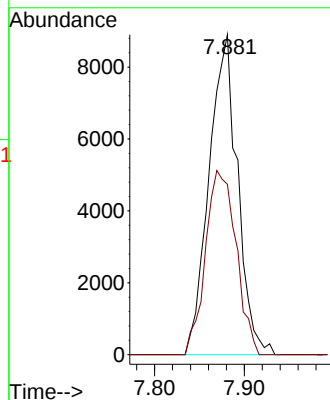
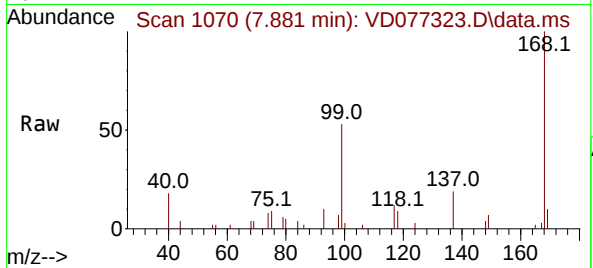




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 110
Delta R.T. 0.006 min
Lab File: VD077323.D
Acq: 12 Oct 2023 18:05

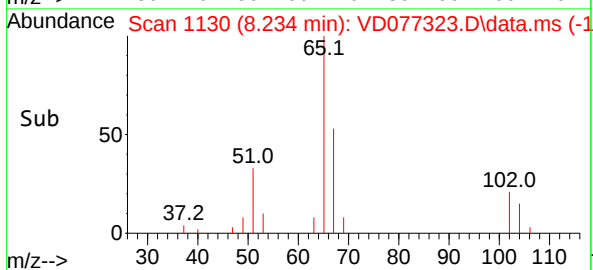
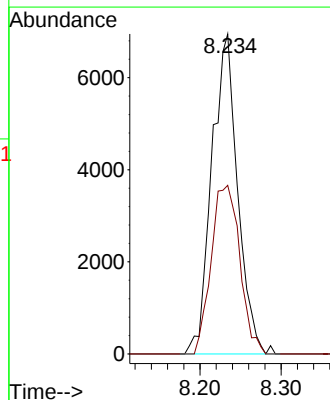
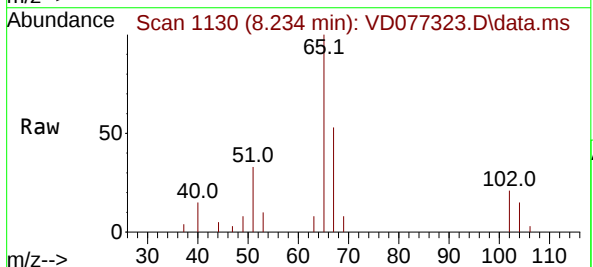
Instrument :
MSVOA_D
ClientSampleId :
SU-02-101023RE

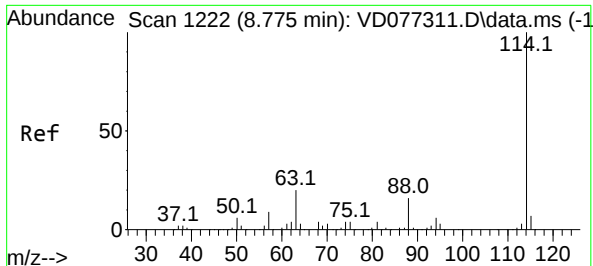
Tgt Ion:168 Resp: 19652
Ion Ratio Lower Upper
168 100
99 53.3 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 99.676 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD077323.D
Acq: 12 Oct 2023 18:05

Tgt Ion: 65 Resp: 15400
Ion Ratio Lower Upper
65 100
67 58.3 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD077323.D

Acq: 12 Oct 2023 18:05

Instrument :

MSVOA_D

ClientSampleId :

SU-02-101023RE

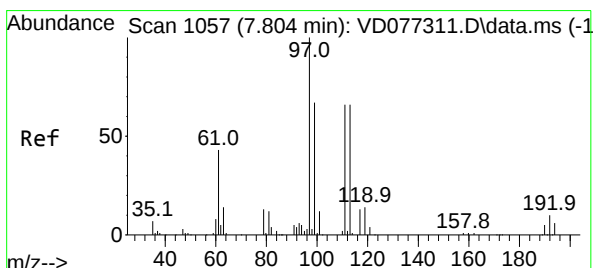
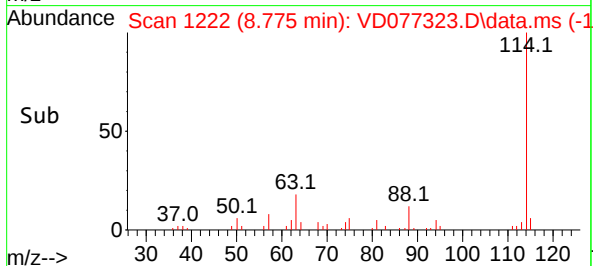
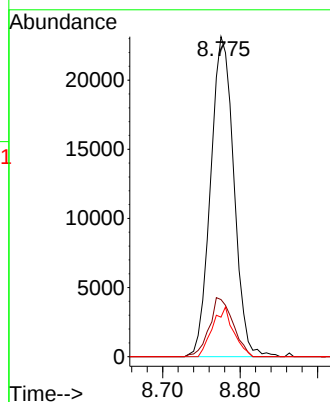
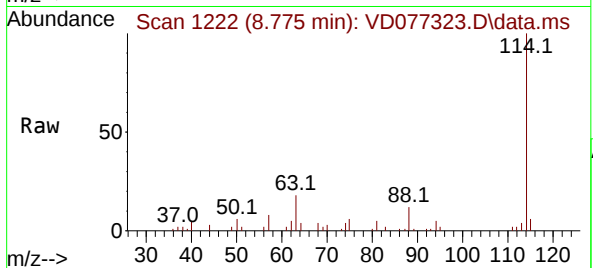
Tgt Ion:114 Resp: 48359

Ion Ratio Lower Upper

114 100

63 17.8 0.0 33.4

88 12.3 0.0 26.2



#35

Dibromofluoromethane

Concen: 70.567 ug/l

RT: 7.811 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD077323.D

Acq: 12 Oct 2023 18:05

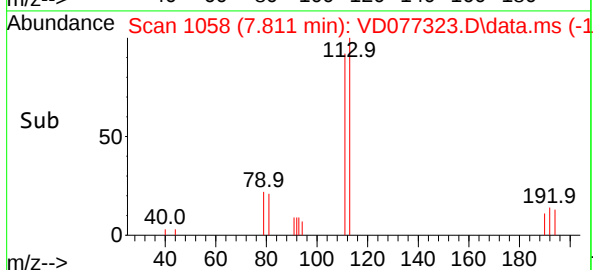
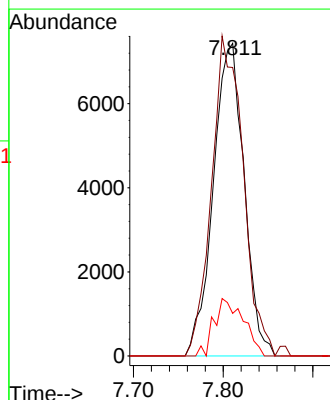
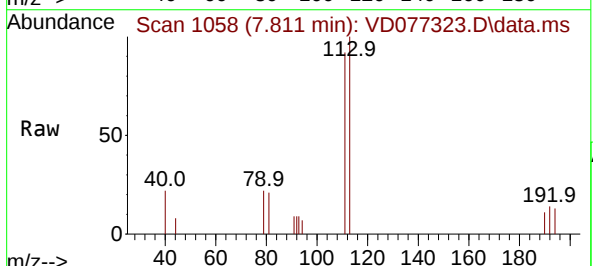
Tgt Ion:113 Resp: 17770

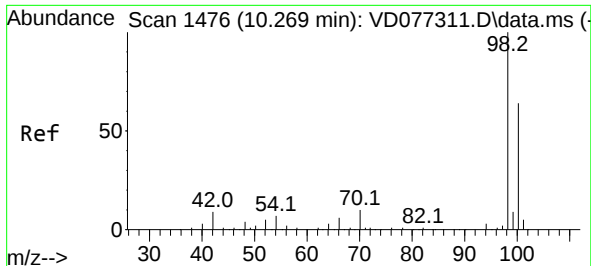
Ion Ratio Lower Upper

113 100

111 104.7 84.7 127.1

192 17.6 16.8 25.2

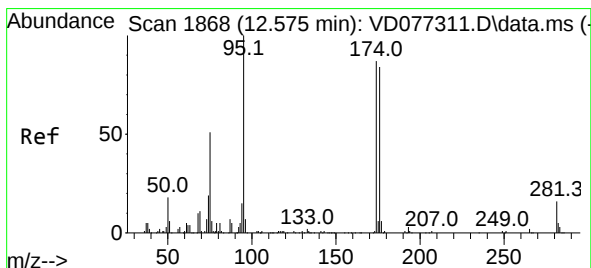
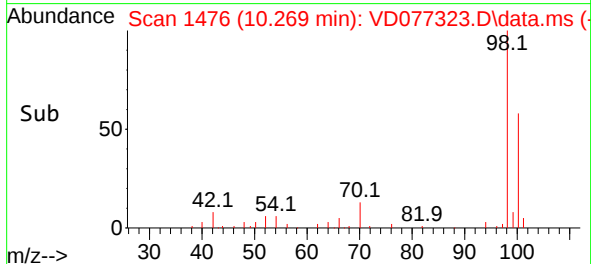
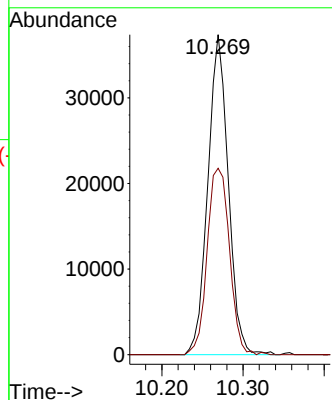
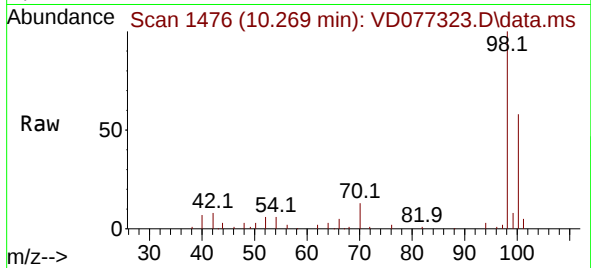




#50
Toluene-d8
Concen: 77.362 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077323.D
Acq: 12 Oct 2023 18:05

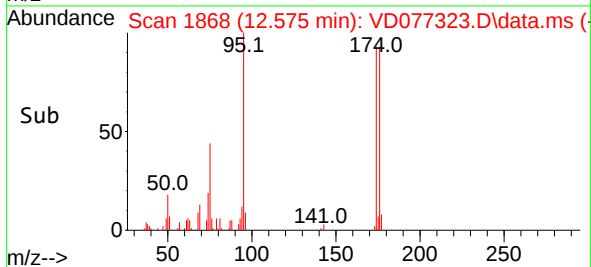
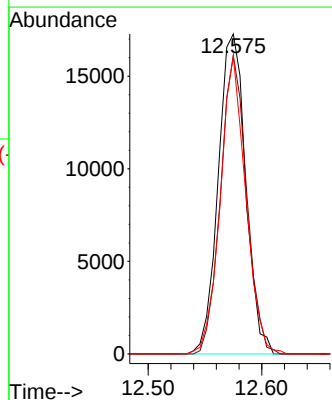
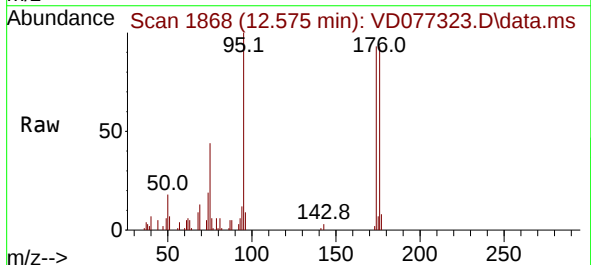
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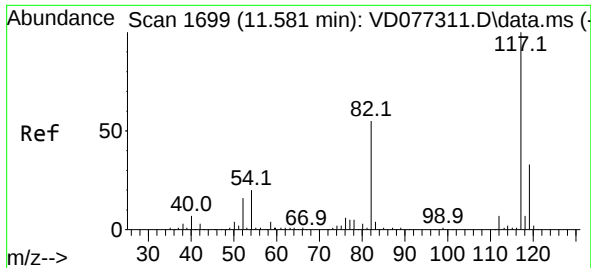
Tgt Ion: 98 Resp: 65324
Ion Ratio Lower Upper
98 100
100 63.7 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 102.143 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD077323.D
Acq: 12 Oct 2023 18:05

Tgt Ion: 95 Resp: 28968
Ion Ratio Lower Upper
95 100
174 88.5 0.0 201.8
176 86.2 0.0 191.8

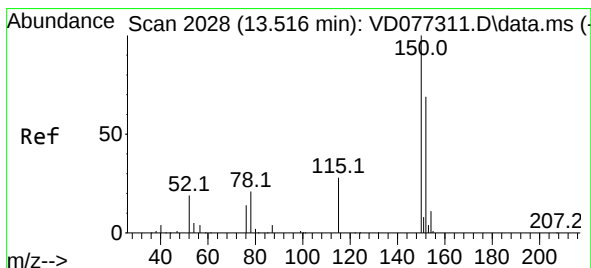
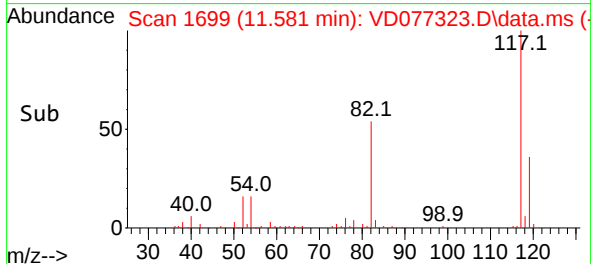
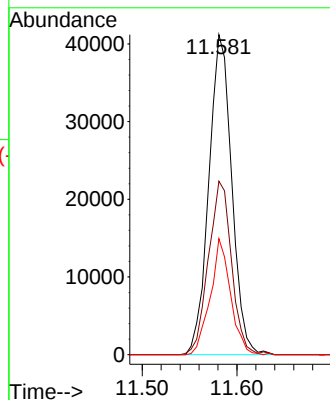
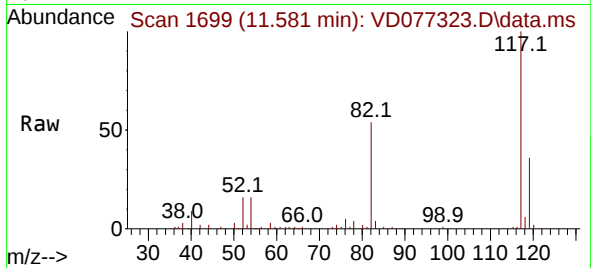




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD077323.D
Acq: 12 Oct 2023 18:05

Instrument :
MSVOA_D
ClientSampleId :
SU-02-101023RE

Tgt Ion:117 Resp: 69361
Ion Ratio Lower Upper
117 100
82 54.2 38.3 57.5
119 36.3 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: VD077323.D
Acq: 12 Oct 2023 18:05

Tgt Ion:152 Resp: 36255
Ion Ratio Lower Upper
152 100
115 57.6 27.1 81.3
150 162.4 0.0 353.6

