

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102323\
 Data File : VD077384.D
 Acq On : 23 Oct 2023 16:36
 Operator : JC/SY
 Sample : 05001-03RE
 Misc : 8.05G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 486-WC-GRABRE

Quant Time: Oct 23 23:41:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 18 03:02:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	130975	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	247766	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	206119	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	60644	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	62172	53.160	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	106.320%
35) Dibromofluoromethane	7.805	113	81691	46.931	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.860%
50) Toluene-d8	10.269	98	242223	38.856	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	77.720%
62) 4-Bromofluorobenzene	12.575	95	51594	28.752	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	57.500%

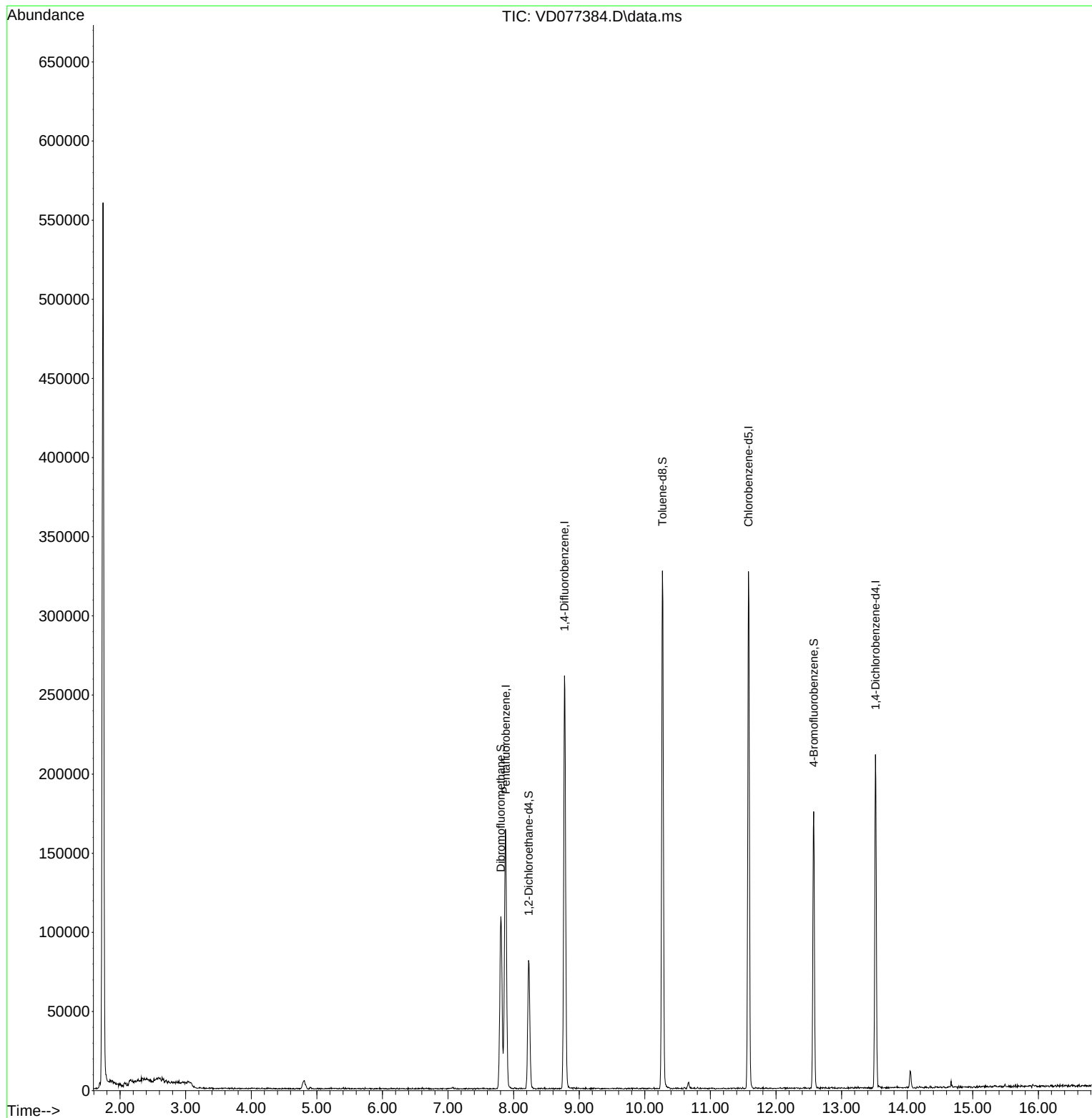
Target Compounds	Qvalue

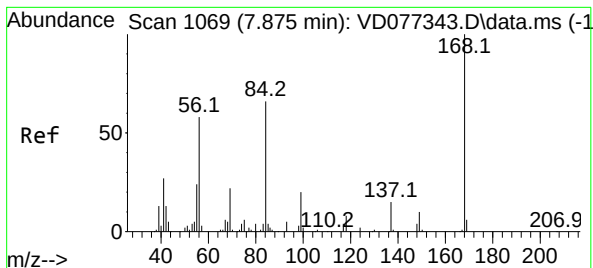
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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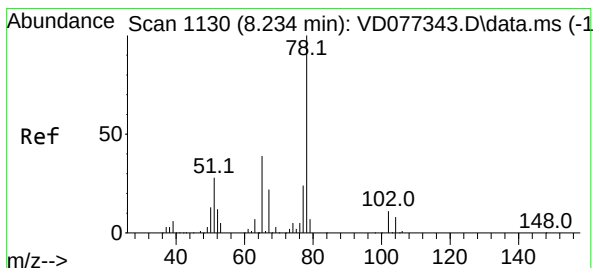
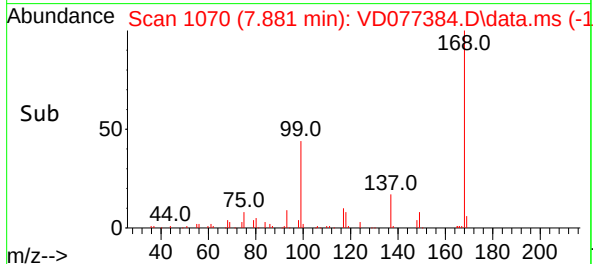
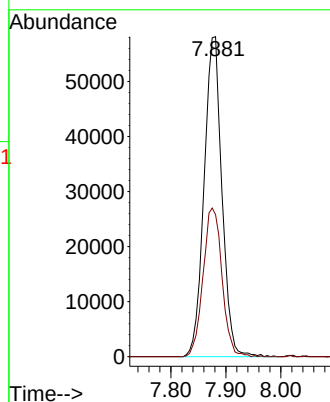
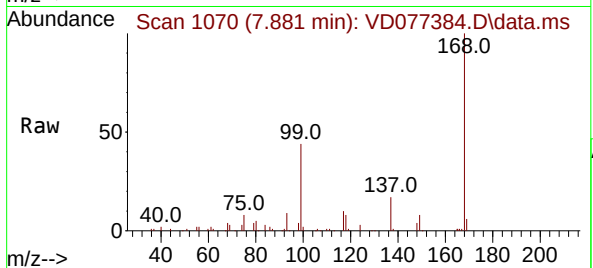




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1109
Delta R.T. 0.006 min
Lab File: VD077384.D
Acq: 23 Oct 2023 16:36

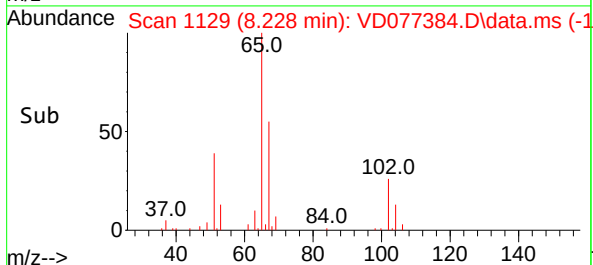
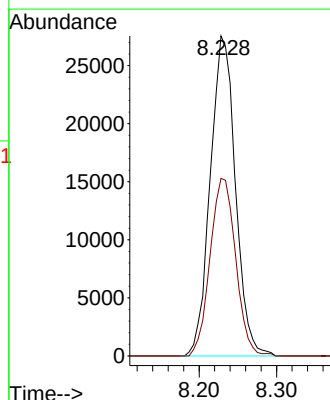
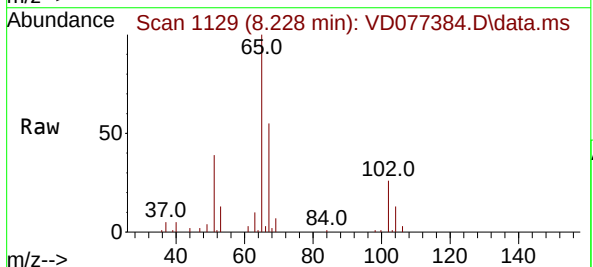
Instrument :
MSVOA_D
ClientSampleId :
486-WC-GRABRE

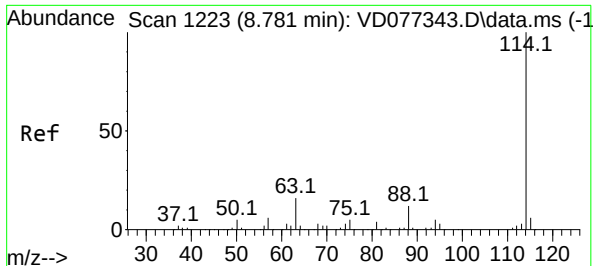
Tgt Ion:168 Resp: 130975
Ion Ratio Lower Upper
168 100
99 44.4 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 53.160 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD077384.D
Acq: 23 Oct 2023 16:36

Tgt Ion: 65 Resp: 62172
Ion Ratio Lower Upper
65 100
67 56.5 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD077384.D

Acq: 23 Oct 2023 16:36

Instrument :

MSVOA_D

ClientSampleId :

486-WC-GRABRE

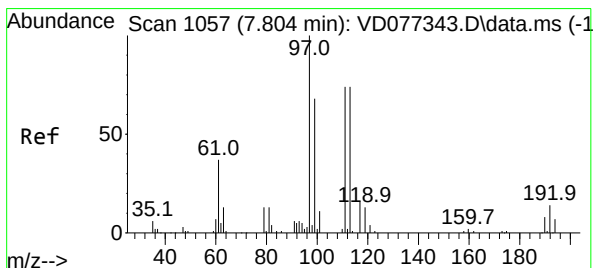
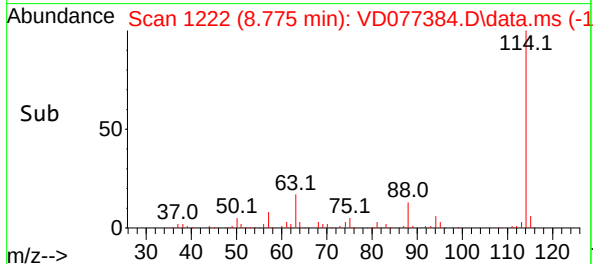
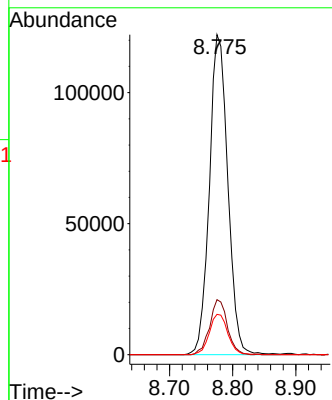
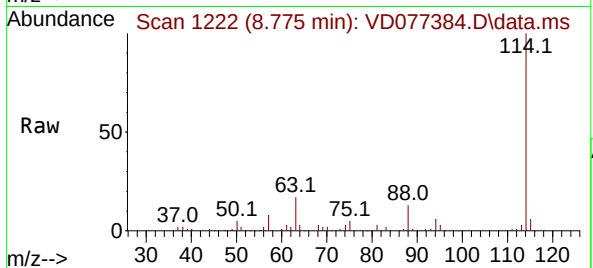
Tgt Ion:114 Resp: 247766

Ion Ratio Lower Upper

114 100

63 17.2 0.0 33.4

88 12.6 0.0 26.2



#35

Dibromofluoromethane

Concen: 46.931 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.001 min

Lab File: VD077384.D

Acq: 23 Oct 2023 16:36

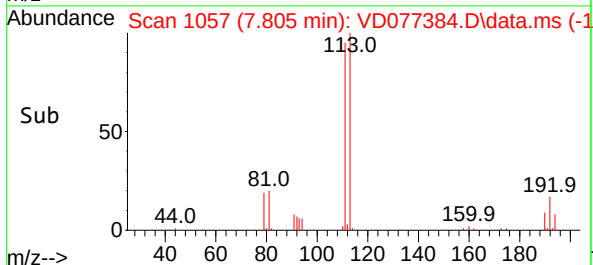
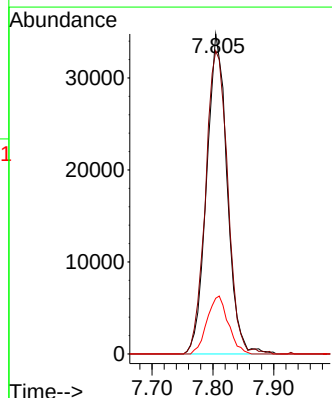
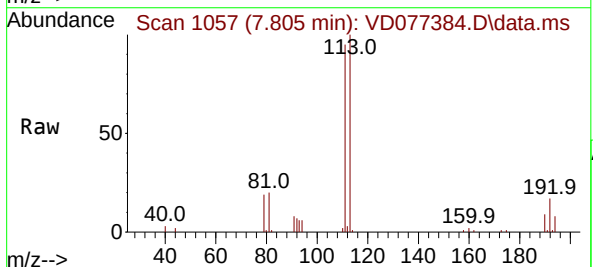
Tgt Ion:113 Resp: 81691

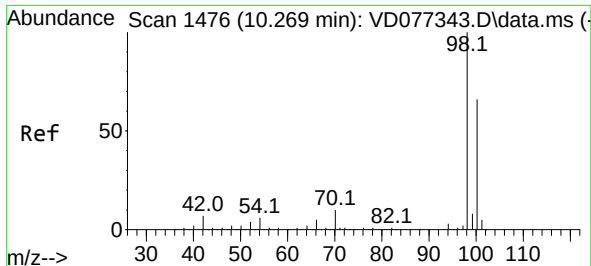
Ion Ratio Lower Upper

113 100

111 102.1 84.7 127.1

192 18.6 16.8 25.2

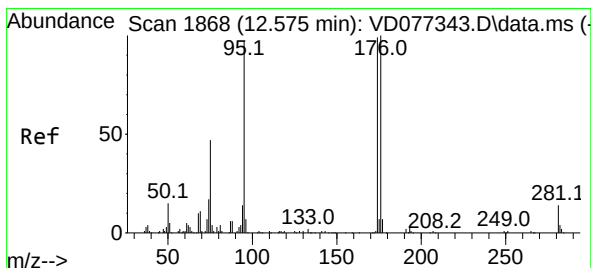
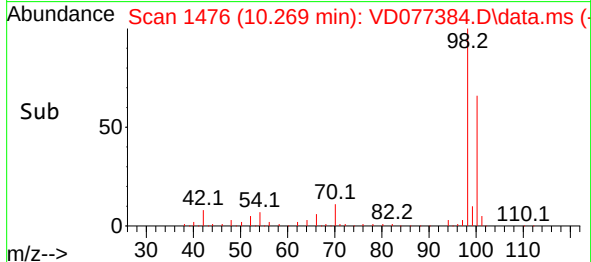
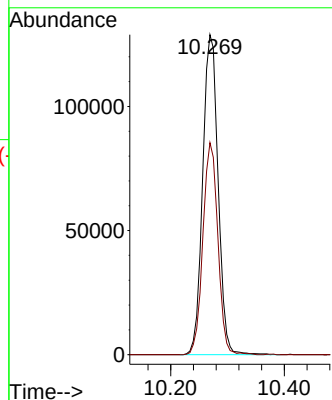
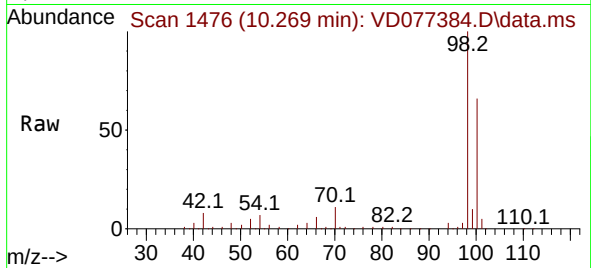




#50
Toluene-d8
Concen: 38.856 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077384.D
Acq: 23 Oct 2023 16:36

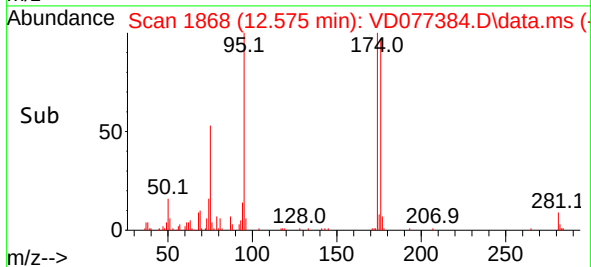
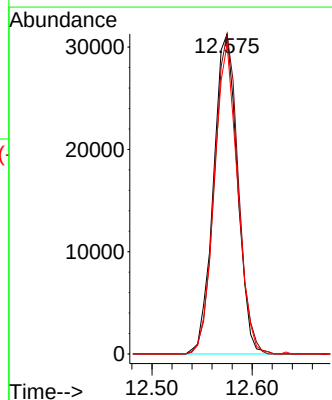
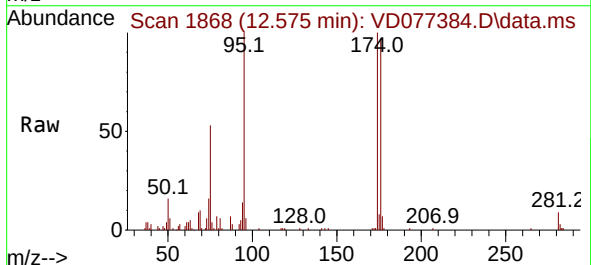
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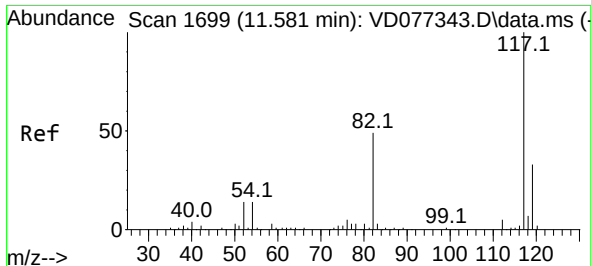
Tgt Ion: 98 Resp: 242223
Ion Ratio Lower Upper
98 100
100 64.3 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 28.752 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077384.D
Acq: 23 Oct 2023 16:36

Tgt Ion: 95 Resp: 51594
Ion Ratio Lower Upper
95 100
174 99.4 0.0 201.8
176 94.8 0.0 191.8

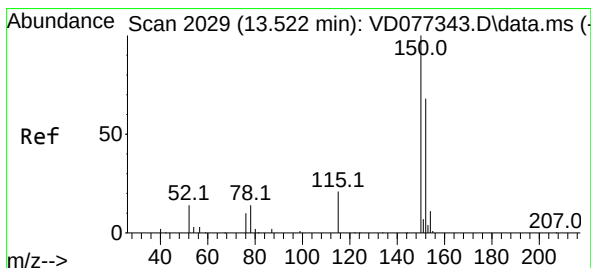
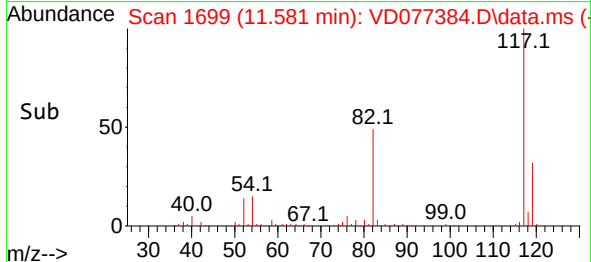
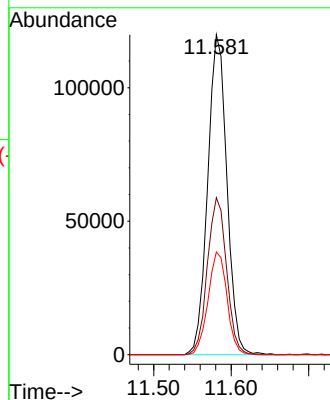
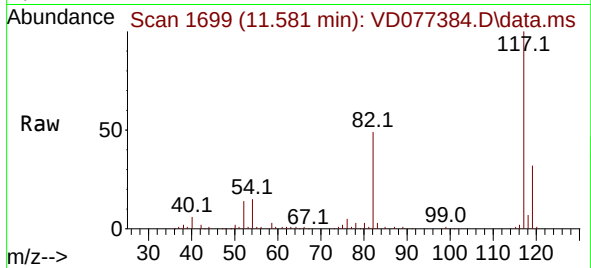




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD077384.D
Acq: 23 Oct 2023 16:36

Instrument :
MSVOA_D
ClientSampleId :
486-WC-GRABRE

Tgt Ion:117 Resp: 206119
Ion Ratio Lower Upper
117 100
82 49.0 38.3 57.5
119 32.1 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD077384.D
Acq: 23 Oct 2023 16:36

Tgt Ion:152 Resp: 60644
Ion Ratio Lower Upper
152 100
115 54.0 27.1 81.3
150 156.5 0.0 353.6

