

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012224\
 Data File : VD078187.D
 Acq On : 22 Jan 2024 10:33
 Operator : RP/MD
 Sample : VSTDICC005
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC005

Quant Time: Jan 22 12:25:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012224S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 22 12:20:44 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	126669	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	232792	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	208815	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	93812	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	7943	0.000	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	0.000%#
35) Dibromofluoromethane	7.805	113	8166	0.000	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	0.000%#
50) Toluene-d8	10.275	98	30407	0.000	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	0.000%#
62) 4-Bromofluorobenzene	12.581	95	8335	0.000	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	0.000%#

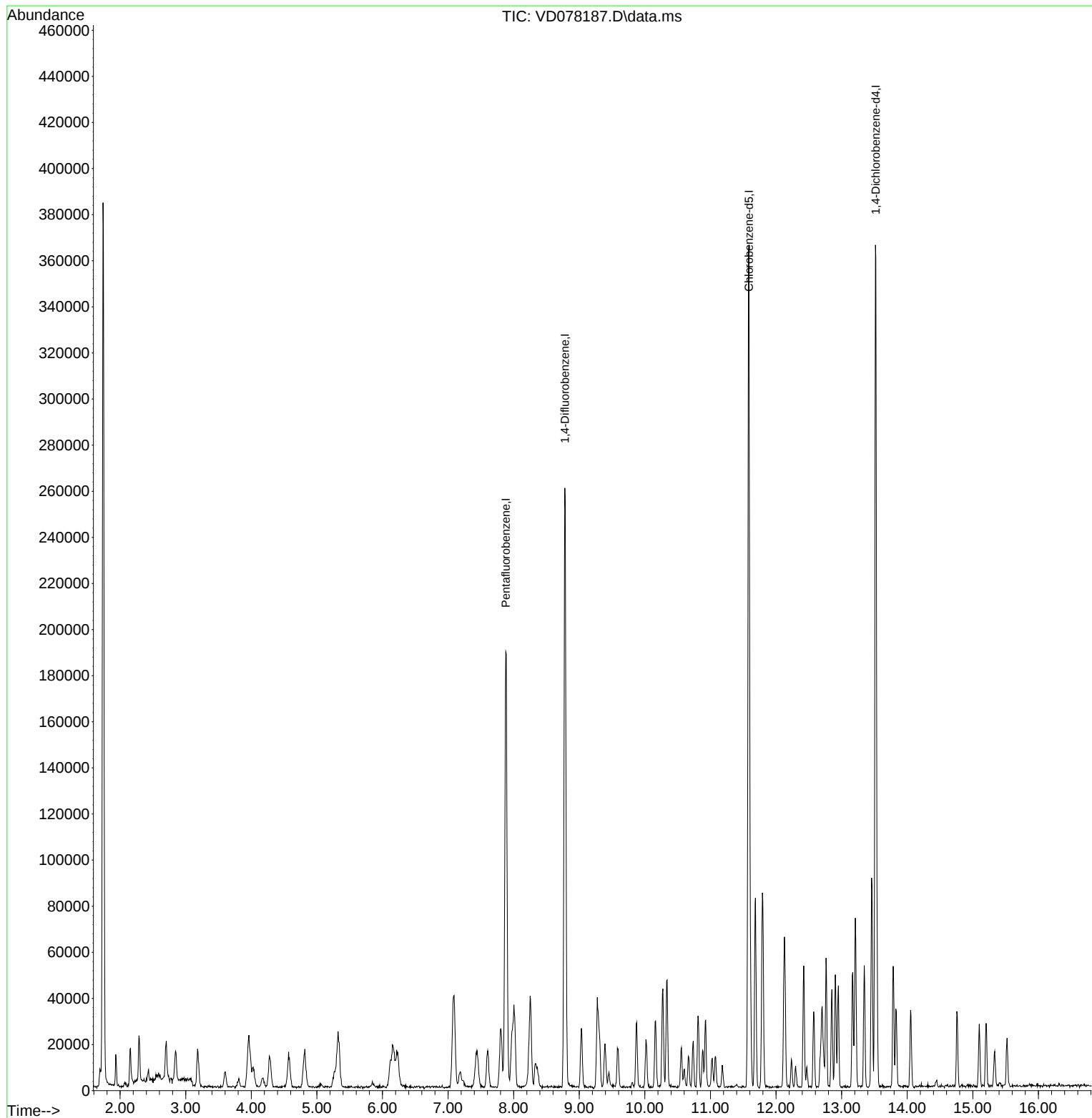
Target Compounds	Qvalue

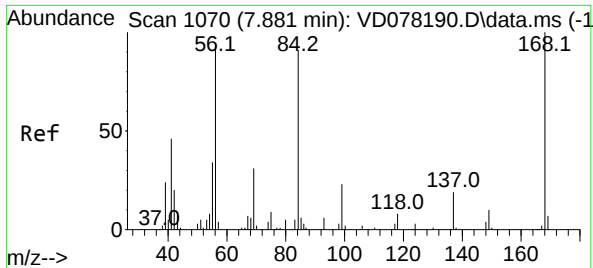
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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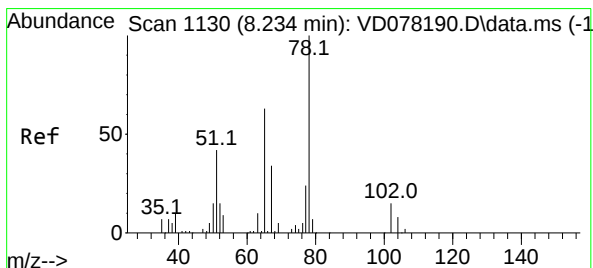
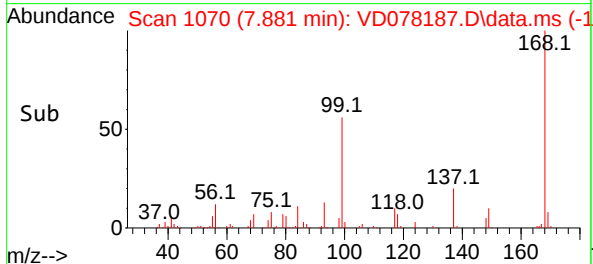
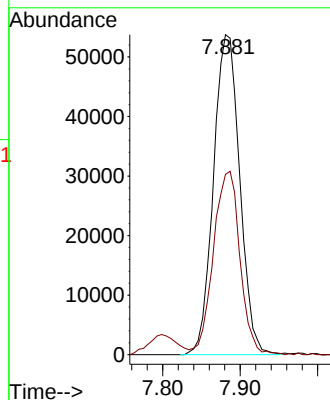
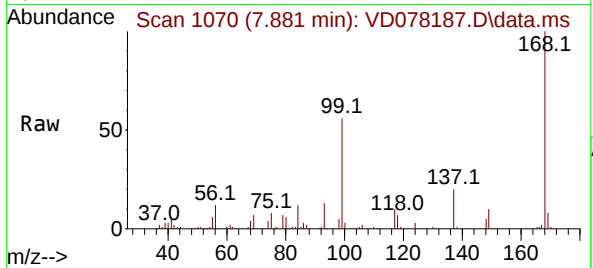




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD078187.D
Acq: 22 Jan 2024 10:33

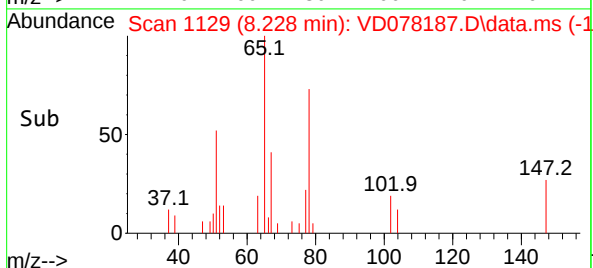
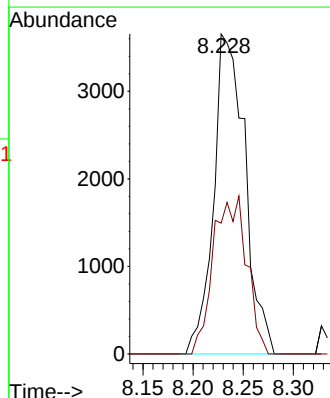
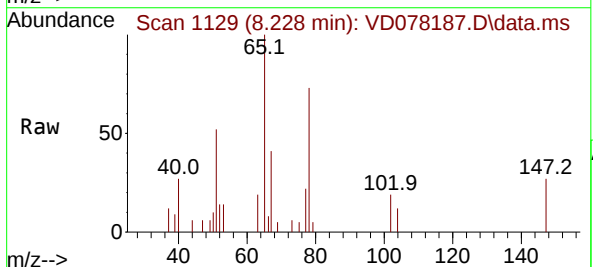
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

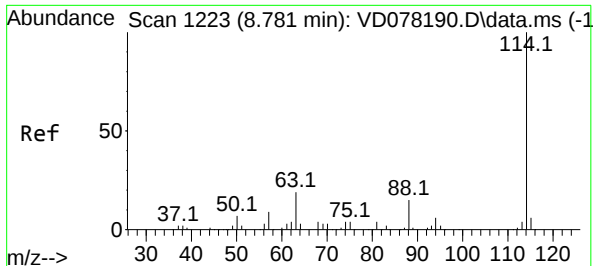
Tgt Ion:168 Resp: 126669
Ion Ratio Lower Upper
168 100
99 55.9 36.7 55.1#



#33
1,2-Dichloroethane-d4
Concen: 0.000 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD078187.D
Acq: 22 Jan 2024 10:33

Tgt Ion: 65 Resp: 7943
Ion Ratio Lower Upper
65 100
67 52.4 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD078187.D

Acq: 22 Jan 2024 10:33

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC005

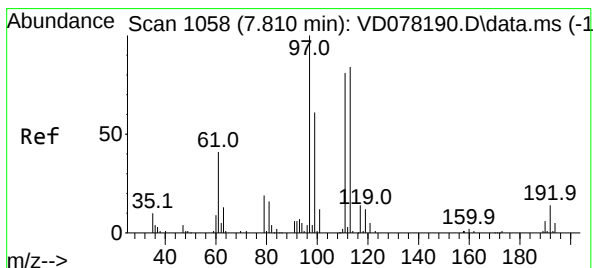
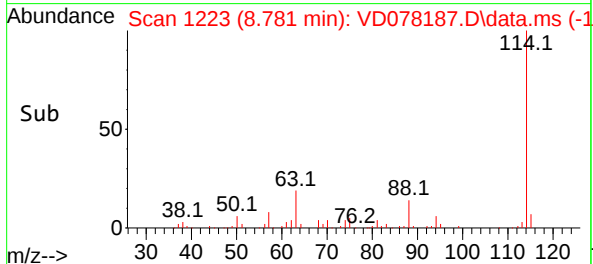
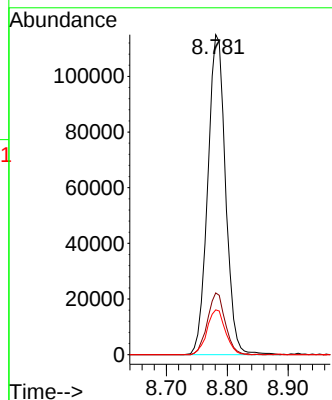
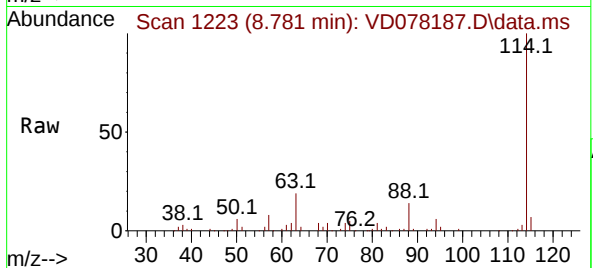
Tgt Ion:114 Resp: 232792

Ion Ratio Lower Upper

114 100

63 19.3 0.0 33.4

88 14.0 0.0 26.2



#35

Dibromofluoromethane

Concen: 0.000 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VD078187.D

Acq: 22 Jan 2024 10:33

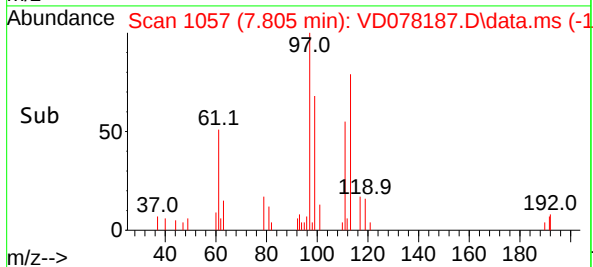
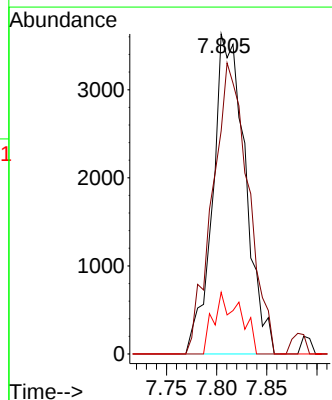
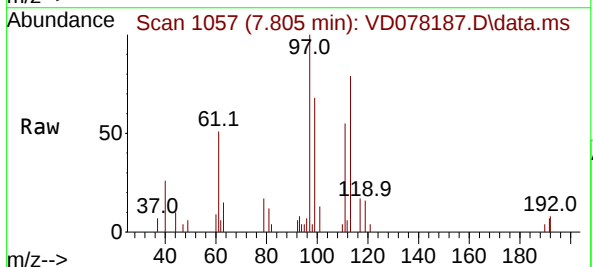
Tgt Ion:113 Resp: 8166

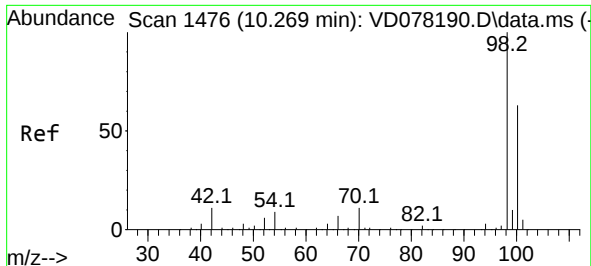
Ion Ratio Lower Upper

113 100

111 99.8 84.7 127.1

192 16.0 16.8 25.2#

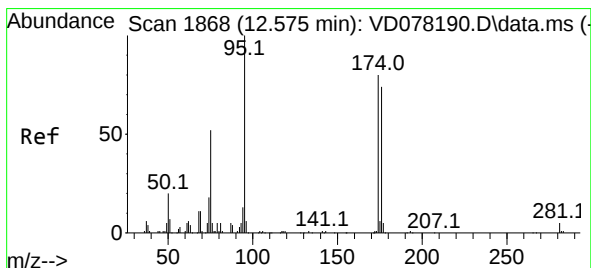
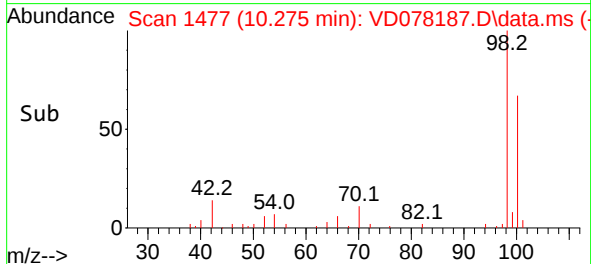
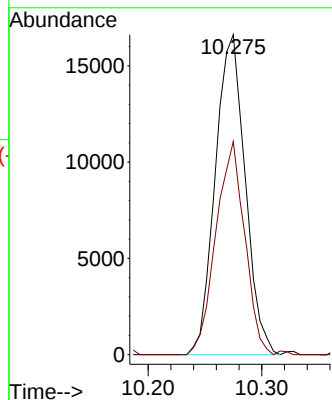
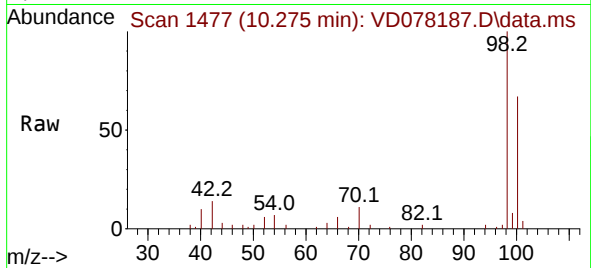




#50
Toluene-d8
Concen: 0.000 ug/l
RT: 10.275 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VD078187.D
Acq: 22 Jan 2024 10:33

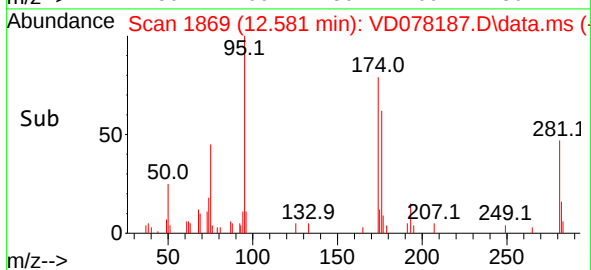
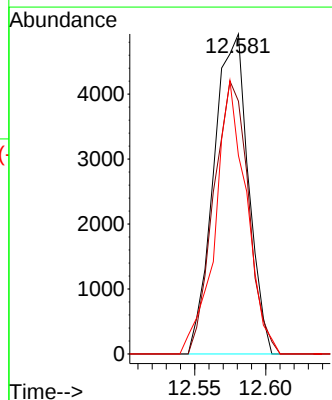
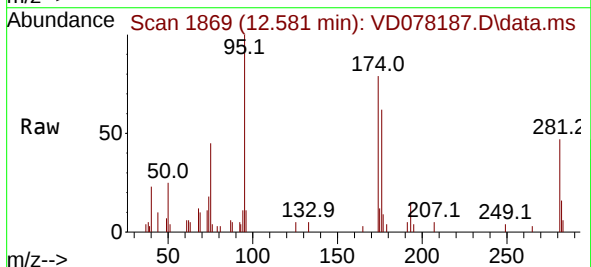
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

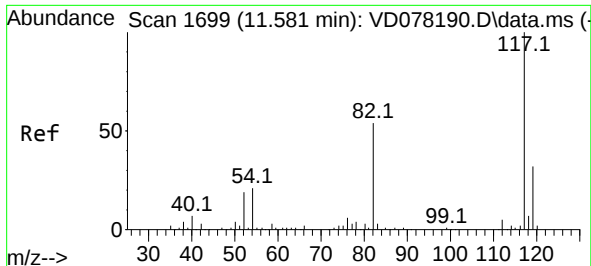
Tgt Ion: 98 Resp: 30407
Ion Ratio Lower Upper
98 100
100 64.1 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 0.000 ug/l
RT: 12.581 min Scan# 1869
Delta R.T. 0.006 min
Lab File: VD078187.D
Acq: 22 Jan 2024 10:33

Tgt Ion: 95 Resp: 8335
Ion Ratio Lower Upper
95 100
174 85.5 0.0 201.8
176 77.1 0.0 191.8

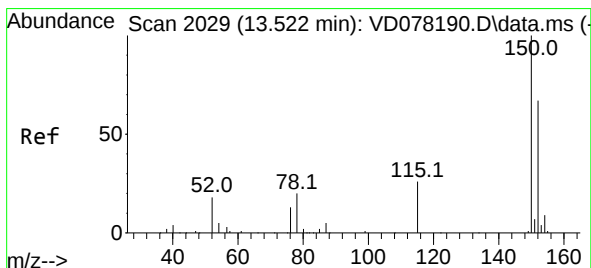
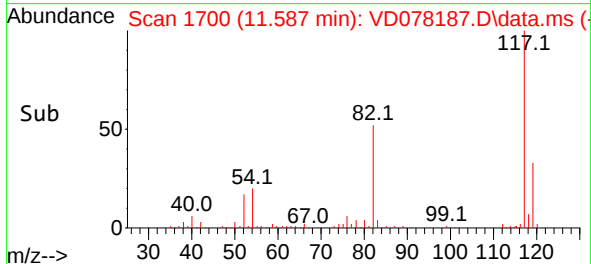
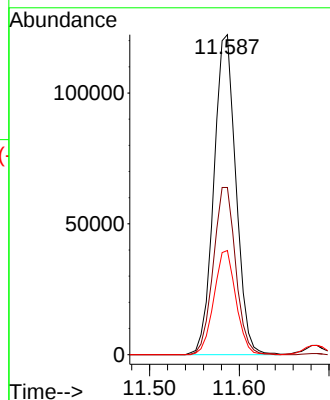
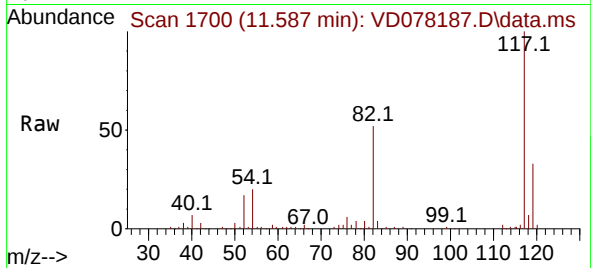




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD078187.D
Acq: 22 Jan 2024 10:33

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

Tgt Ion:117 Resp: 208815
Ion Ratio Lower Upper
117 100
82 52.2 38.3 57.5
119 32.6 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: VD078187.D
Acq: 22 Jan 2024 10:33

Tgt Ion:152 Resp: 93812
Ion Ratio Lower Upper
152 100
115 59.1 27.1 81.3
150 157.9 0.0 353.6

