

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD053123\
 Data File : VD076286.D
 Acq On : 31 May 2023 15:09
 Operator : KP/SY
 Sample : 02937-01
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 AU-06-052423

Quant Time: May 31 16:07:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051523S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 10:08:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	11454	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	21443	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	22717	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	8968	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	10639	96.107	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 192.220%#	
35) Dibromofluoromethane	7.799	113	12220	82.446	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 164.900%#	
50) Toluene-d8	10.269	98	22119	38.282	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 76.560%	
62) 4-Bromofluorobenzene	12.575	95	8921	55.582	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 111.160%	

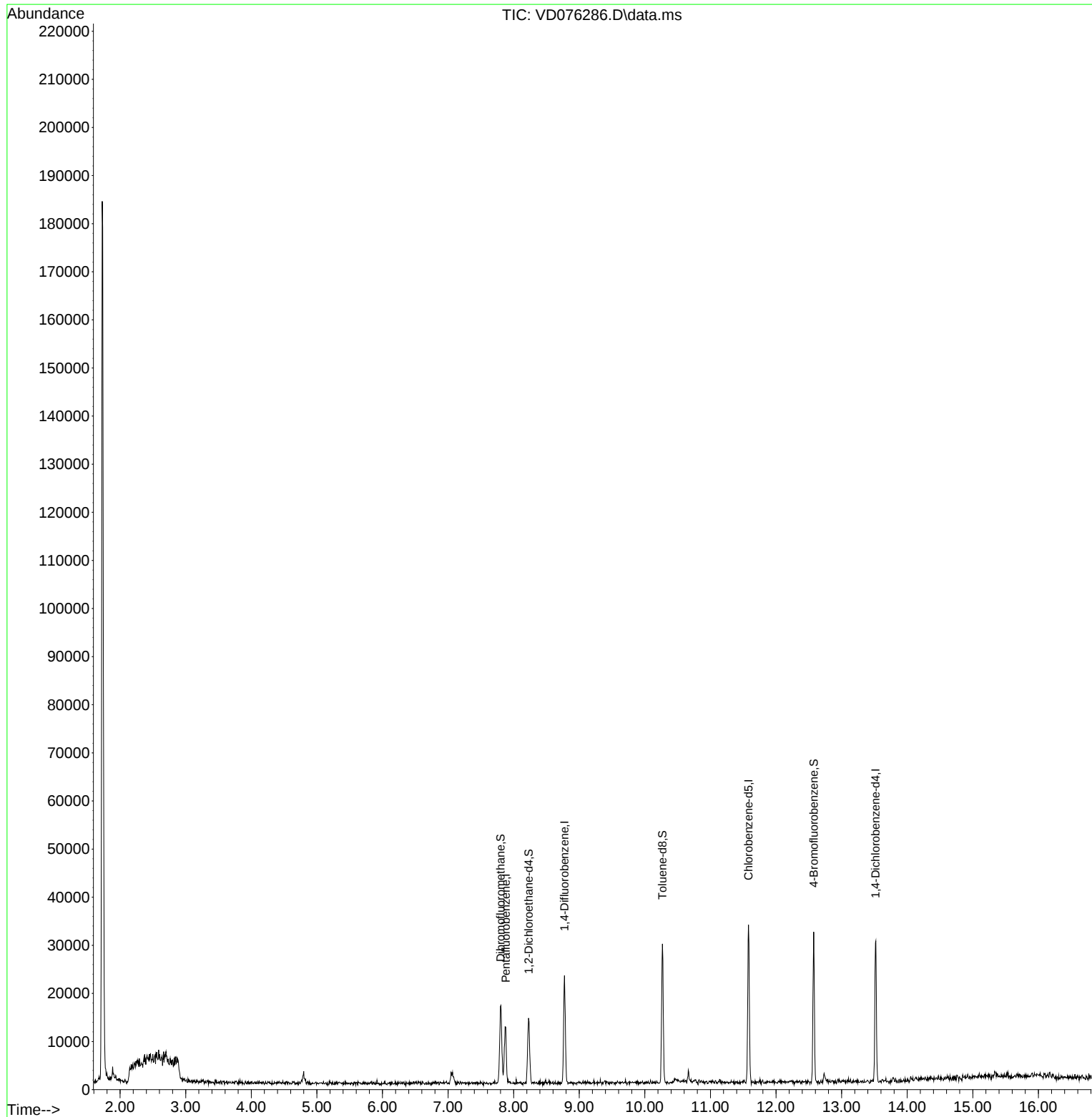
Target Compounds	Qvalue

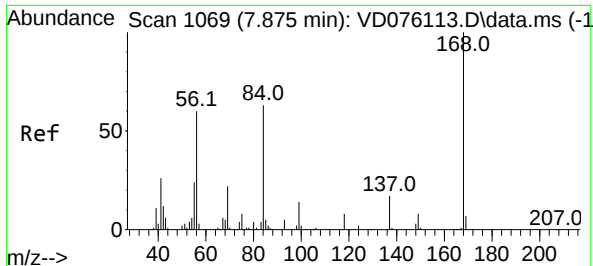
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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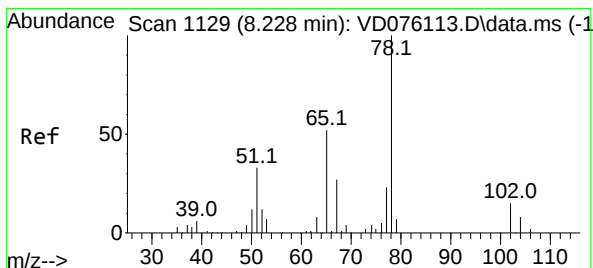
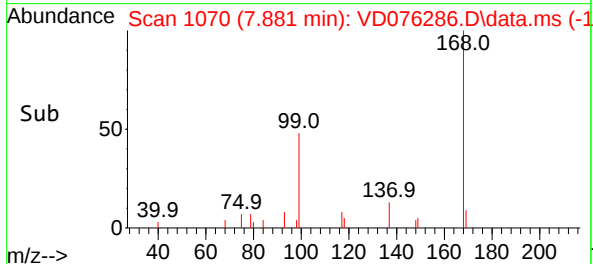
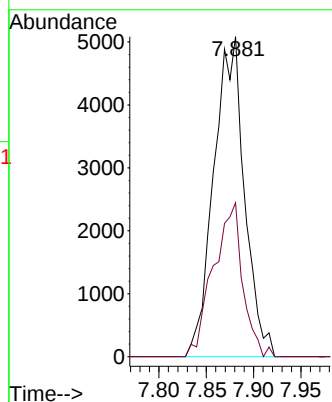
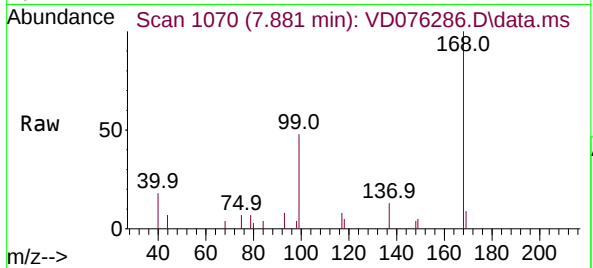




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1107
Delta R.T. 0.006 min
Lab File: VD076286.D
Acq: 31 May 2023 15:09

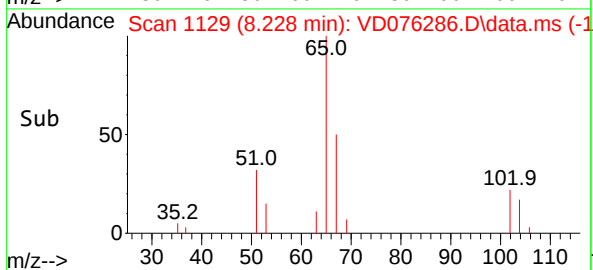
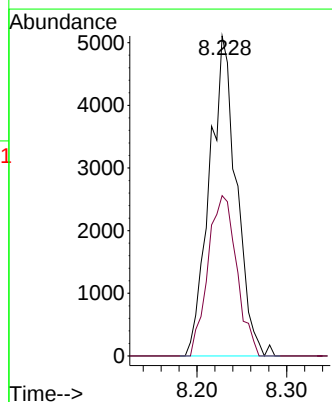
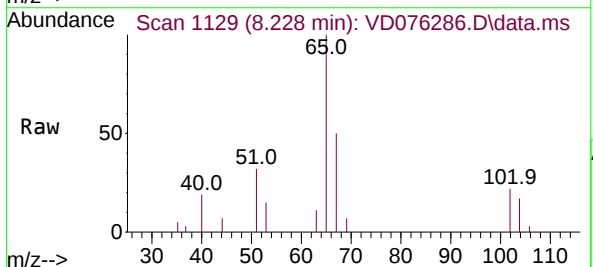
Instrument :
MSVOA_D
ClientSampleId :
AU-06-052423

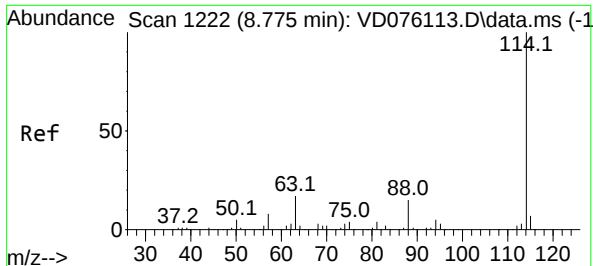
Tgt Ion:168 Resp: 11454
Ion Ratio Lower Upper
168 100
99 48.1 43.8 65.6



#33
1,2-Dichloroethane-d4
Concen: 96.107 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD076286.D
Acq: 31 May 2023 15:09

Tgt Ion: 65 Resp: 10639
Ion Ratio Lower Upper
65 100
67 53.4 0.0 102.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD076286.D

Acq: 31 May 2023 15:09

Instrument :

MSVOA_D

ClientSampleId :

AU-06-052423

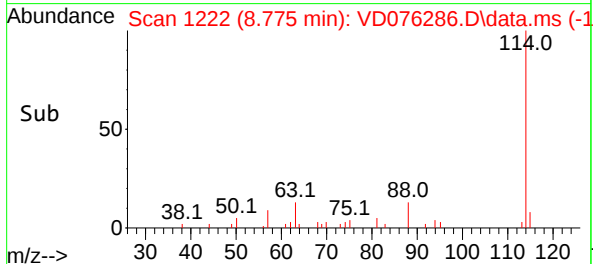
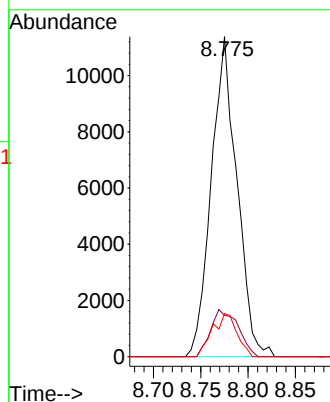
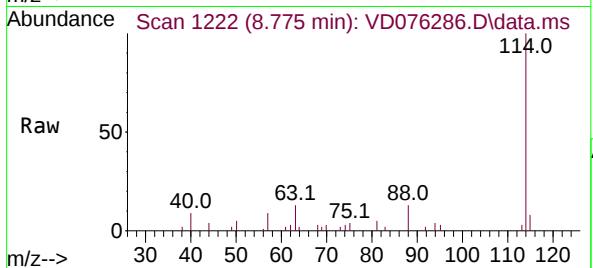
Tgt Ion:114 Resp: 21443

Ion Ratio Lower Upper

114 100

63 12.9 0.0 41.6

88 13.5 0.0 30.6



#35

Dibromofluoromethane

Concen: 82.446 ug/l

RT: 7.799 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VD076286.D

Acq: 31 May 2023 15:09

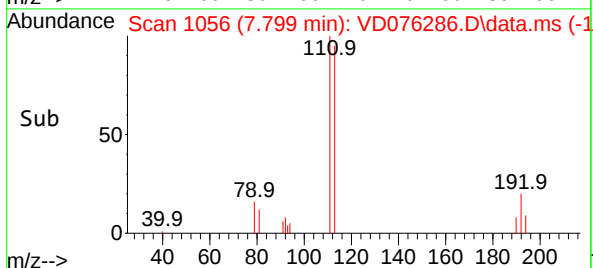
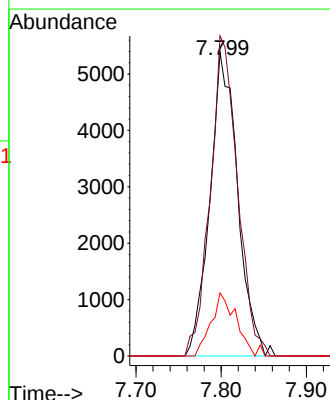
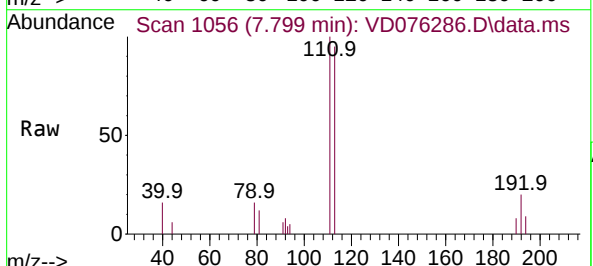
Tgt Ion:113 Resp: 12220

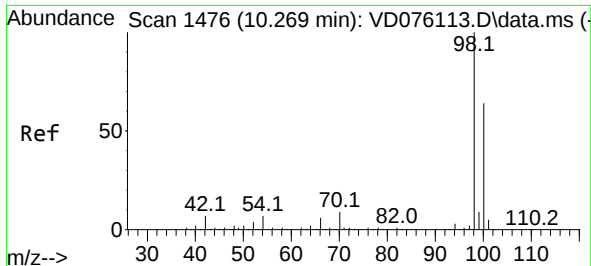
Ion Ratio Lower Upper

113 100

111 103.2 81.4 122.0

192 18.4 15.2 22.8

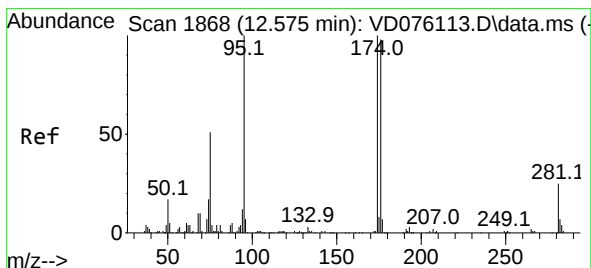
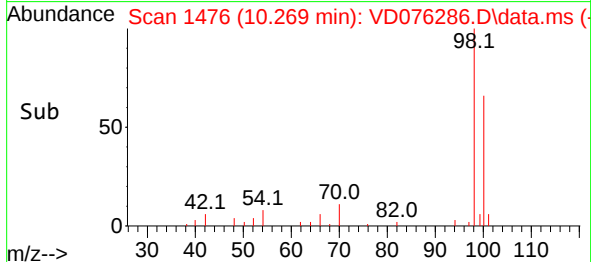
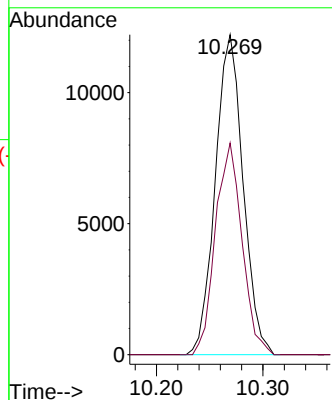
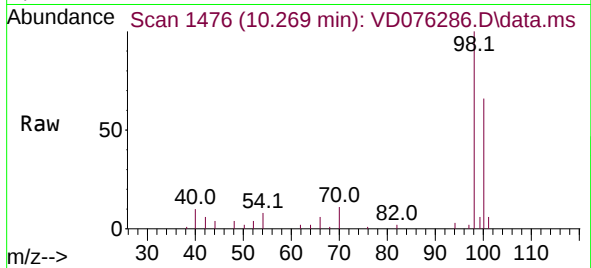




#50
Toluene-d8
Concen: 38.282 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076286.D
Acq: 31 May 2023 15:09

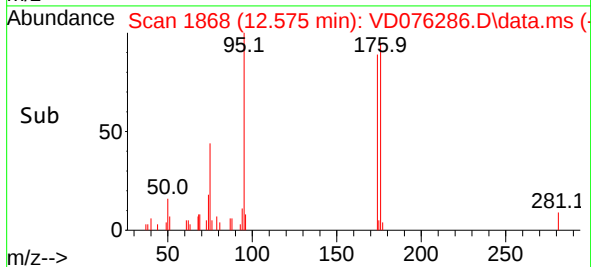
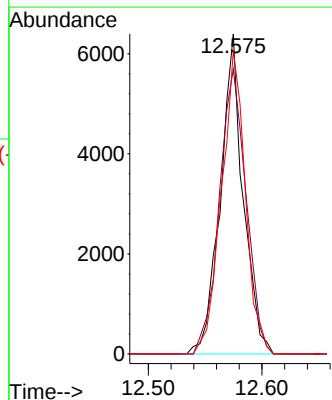
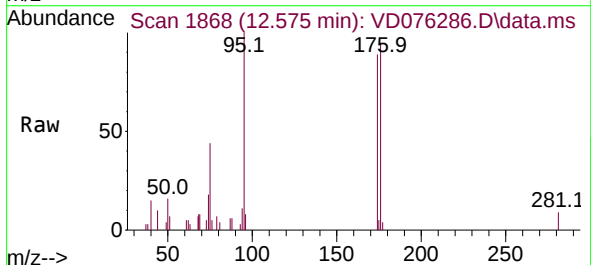
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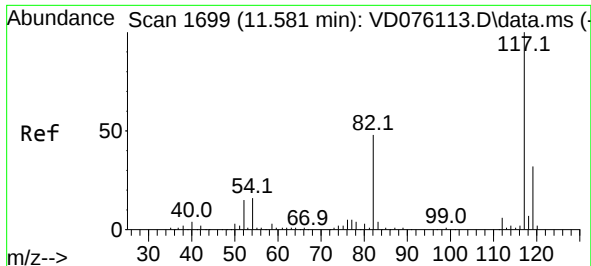
Tgt Ion: 98 Resp: 22119
Ion Ratio Lower Upper
98 100
100 63.3 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 55.582 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076286.D
Acq: 31 May 2023 15:09

Tgt Ion: 95 Resp: 8921
Ion Ratio Lower Upper
95 100
174 104.3 0.0 164.0
176 99.4 0.0 156.8

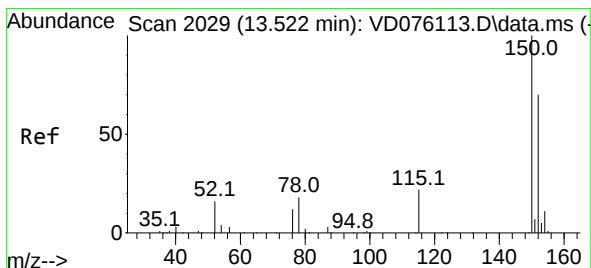
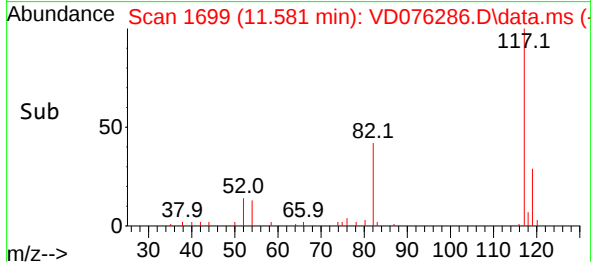
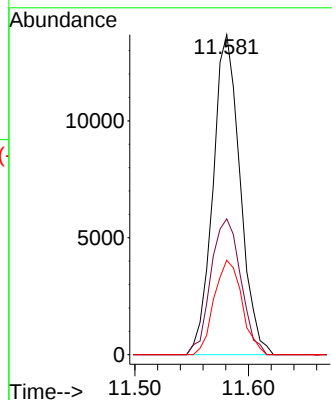
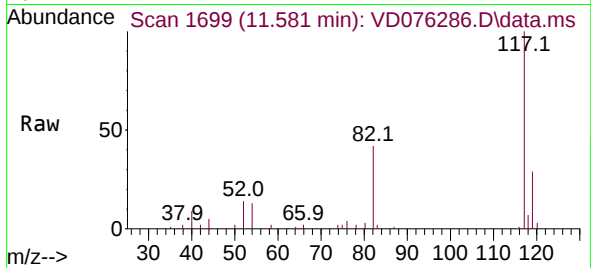




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1171
Delta R.T. -0.000 min
Lab File: VD076286.D
Acq: 31 May 2023 15:09

Instrument :
MSVOA_D
ClientSampleId :
AU-06-052423

Tgt Ion:117 Resp: 22717
Ion Ratio Lower Upper
117 100
82 42.4 44.0 66.0#
119 29.5 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD076286.D
Acq: 31 May 2023 15:09

Tgt Ion:152 Resp: 8968
Ion Ratio Lower Upper
152 100
115 56.3 30.1 90.3
150 165.5 0.0 364.8

