

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD053123\
 Data File : VD076297.D
 Acq On : 31 May 2023 21:25
 Operator : KP/SY
 Sample : 02983-08
 Misc : 5.04G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB07

Quant Time: Jun 01 01:44:48 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	7.863	168	1970	50.000	ug/l	#-0.01
34) 1,4-Difluorobenzene	8.775	114	3729	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	4925	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	1196	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.222	65	2449	128.627	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 257.260%#	
35) Dibromofluoromethane	7.799	113	2244	87.059	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 174.120%#	
50) Toluene-d8	10.263	98	3635	36.176	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 72.360%	
62) 4-Bromofluorobenzene	12.575	95	1701	60.942	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 121.880%	

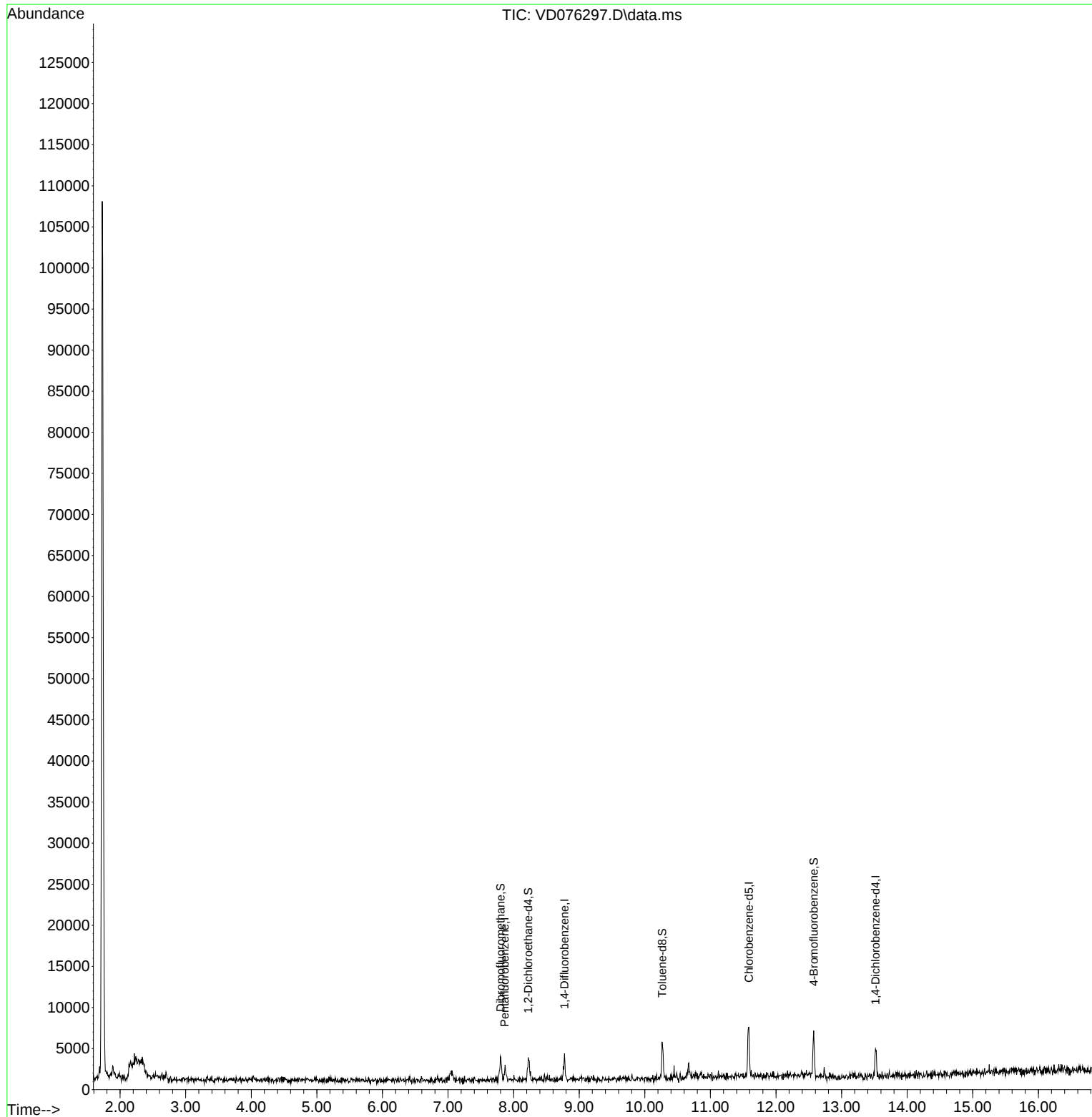
Target Compounds	Qvalue

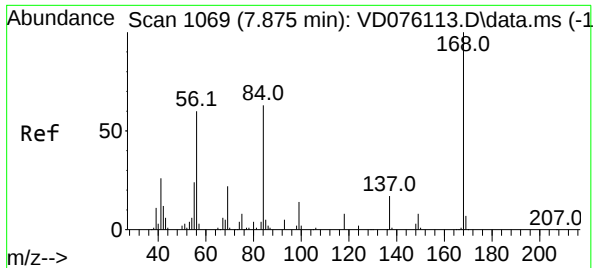
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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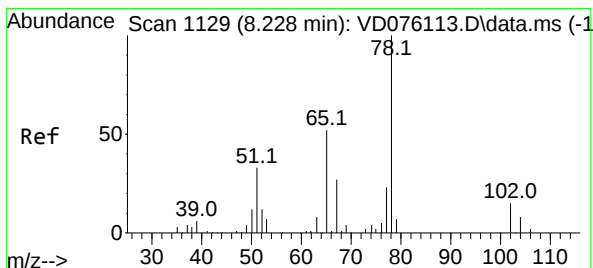
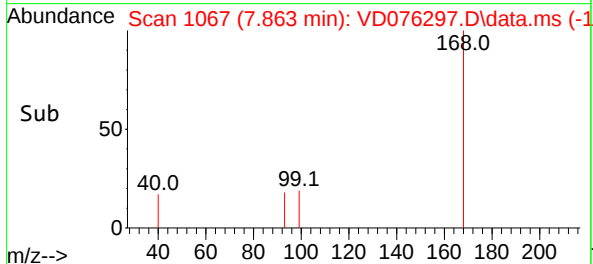
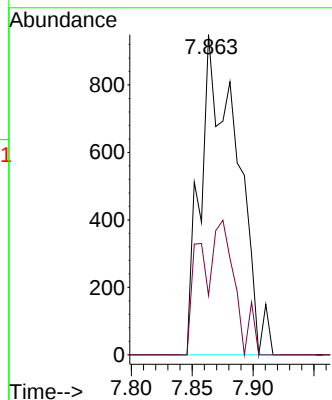
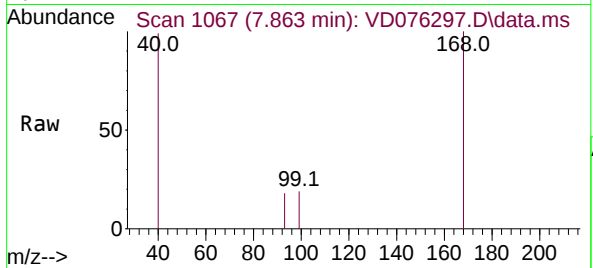




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.863 min Scan# 1069
Delta R.T. -0.012 min
Lab File: VD076297.D
Acq: 31 May 2023 21:25

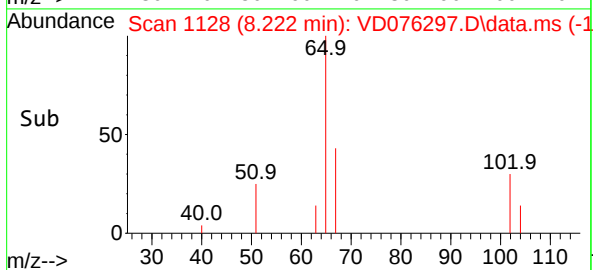
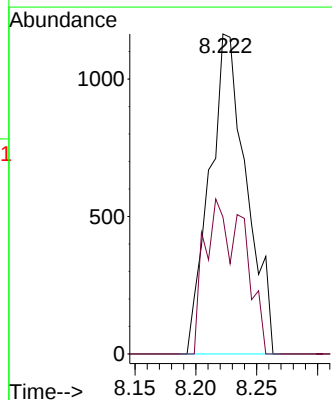
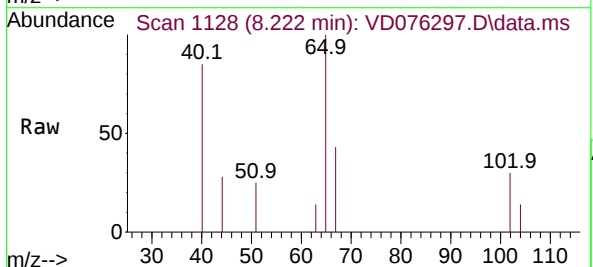
Instrument :
MSVOA_D
ClientSampleId :
SB07

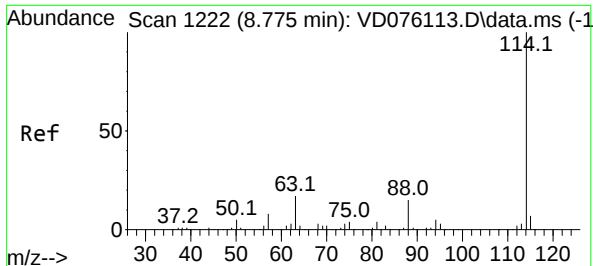
Tgt Ion:168 Resp: 1970
Ion Ratio Lower Upper
168 100
99 18.5 43.8 65.6#



#33
1,2-Dichloroethane-d4
Concen: 128.627 ug/l
RT: 8.222 min Scan# 1128
Delta R.T. -0.012 min
Lab File: VD076297.D
Acq: 31 May 2023 21:25

Tgt Ion: 65 Resp: 2449
Ion Ratio Lower Upper
65 100
67 31.4 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: VD076297.D

Acq: 31 May 2023 21:25

Instrument :

MSVOA_D

ClientSampleId :

SB07

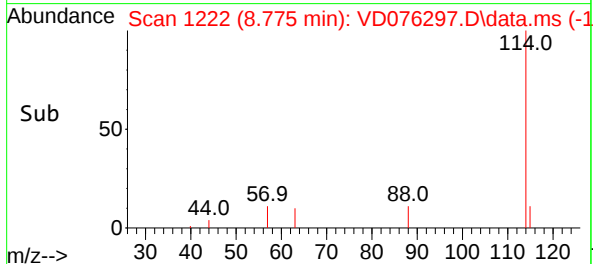
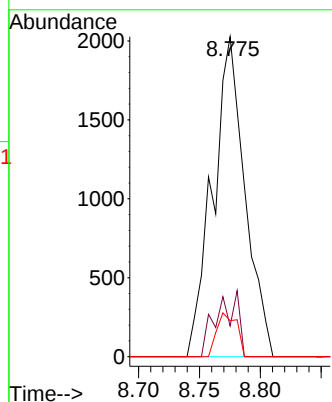
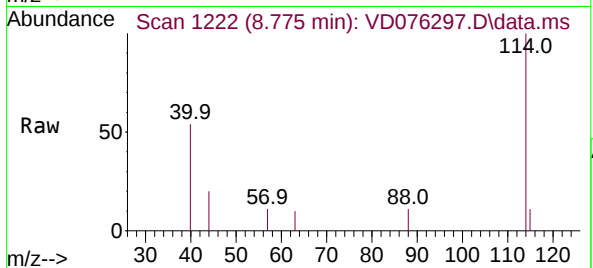
Tgt Ion:114 Resp: 3729

Ion Ratio Lower Upper

114 100

63 9.6 0.0 41.6

88 11.2 0.0 30.6



#35

Dibromofluoromethane

Concen: 87.059 ug/l

RT: 7.799 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VD076297.D

Acq: 31 May 2023 21:25

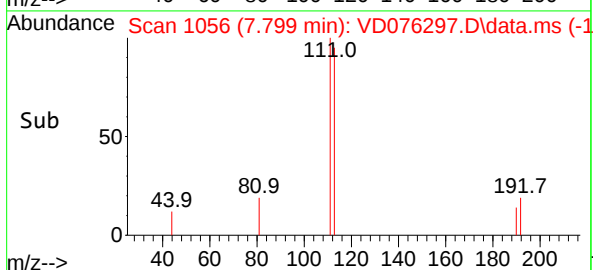
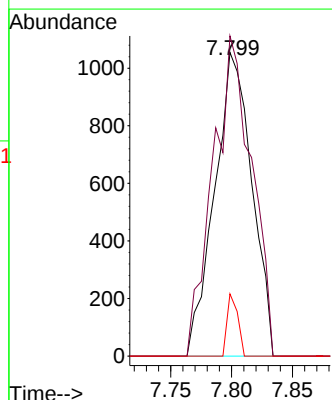
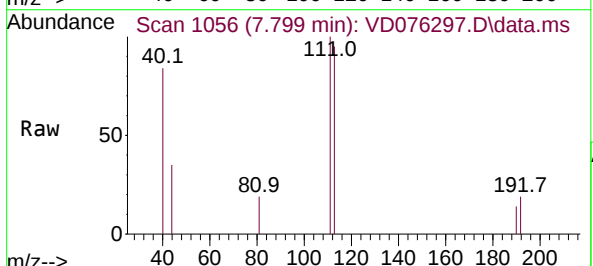
Tgt Ion:113 Resp: 2244

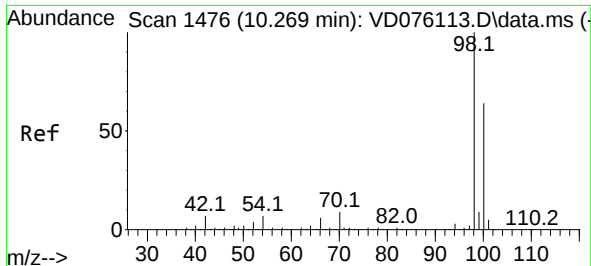
Ion Ratio Lower Upper

113 100

111 109.5 81.4 122.0

192 5.8 15.2 22.8#

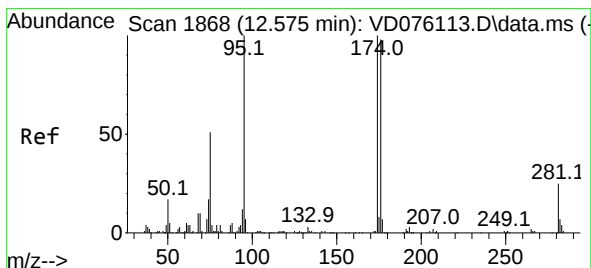
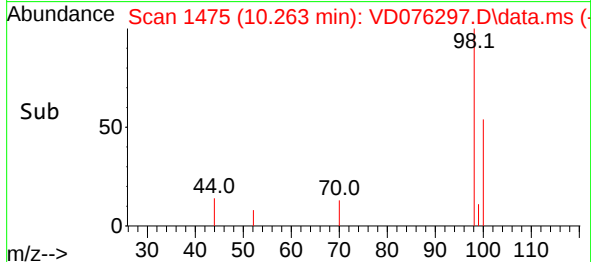
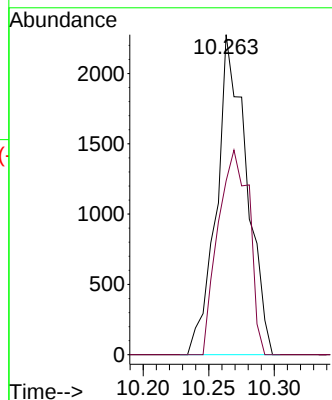
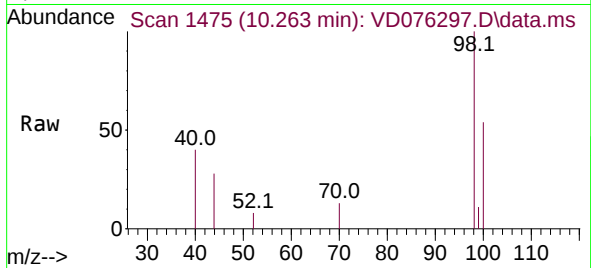




#50
Toluene-d8
Concen: 36.176 ug/l
RT: 10.263 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VD076297.D
Acq: 31 May 2023 21:25

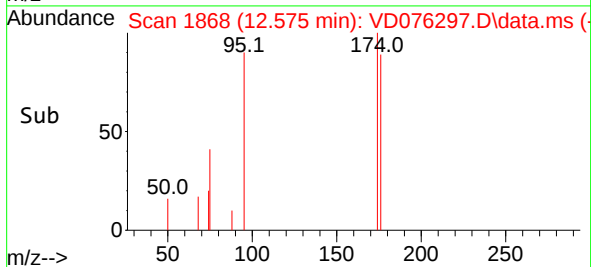
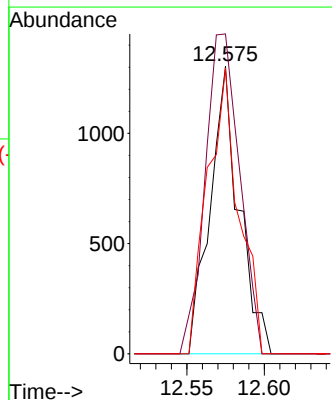
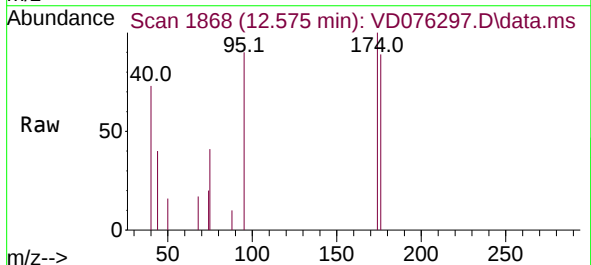
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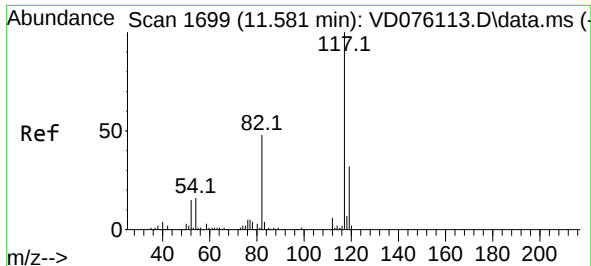
Tgt Ion: 98 Resp: 3635
Ion Ratio Lower Upper
98 100
100 66.0 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 60.942 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076297.D
Acq: 31 May 2023 21:25

Tgt Ion: 95 Resp: 1701
Ion Ratio Lower Upper
95 100
174 132.6 0.0 164.0
176 107.4 0.0 156.8

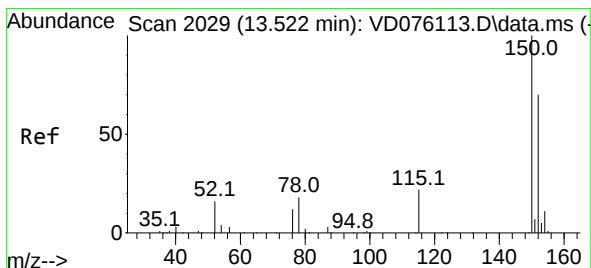
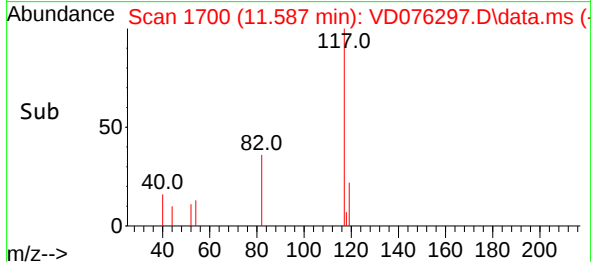
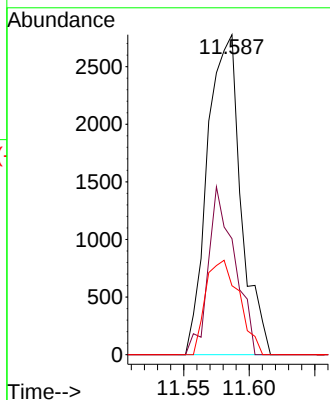
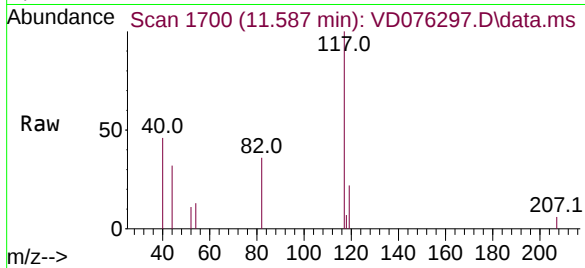




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD076297.D
Acq: 31 May 2023 21:25

Instrument :
MSVOA_D
ClientSampleId :
SB07

Tgt Ion:117 Resp: 4925
Ion Ratio Lower Upper
117 100
82 36.3 44.0 66.0#
119 21.6 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: VD076297.D
Acq: 31 May 2023 21:25

Tgt Ion:152 Resp: 1196
Ion Ratio Lower Upper
152 100
115 53.6 30.1 90.3
150 173.0 0.0 364.8

