

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022322\
 Data File : VD072079.D
 Acq On : 23 Feb 2022 17:27
 Operator : VA/SY
 Sample : N1598-07
 Misc : 5.33G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 GS-7

Quant Time: Feb 24 06:47:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 19 04:05:38 2022
 Response via : Initial Calibration

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

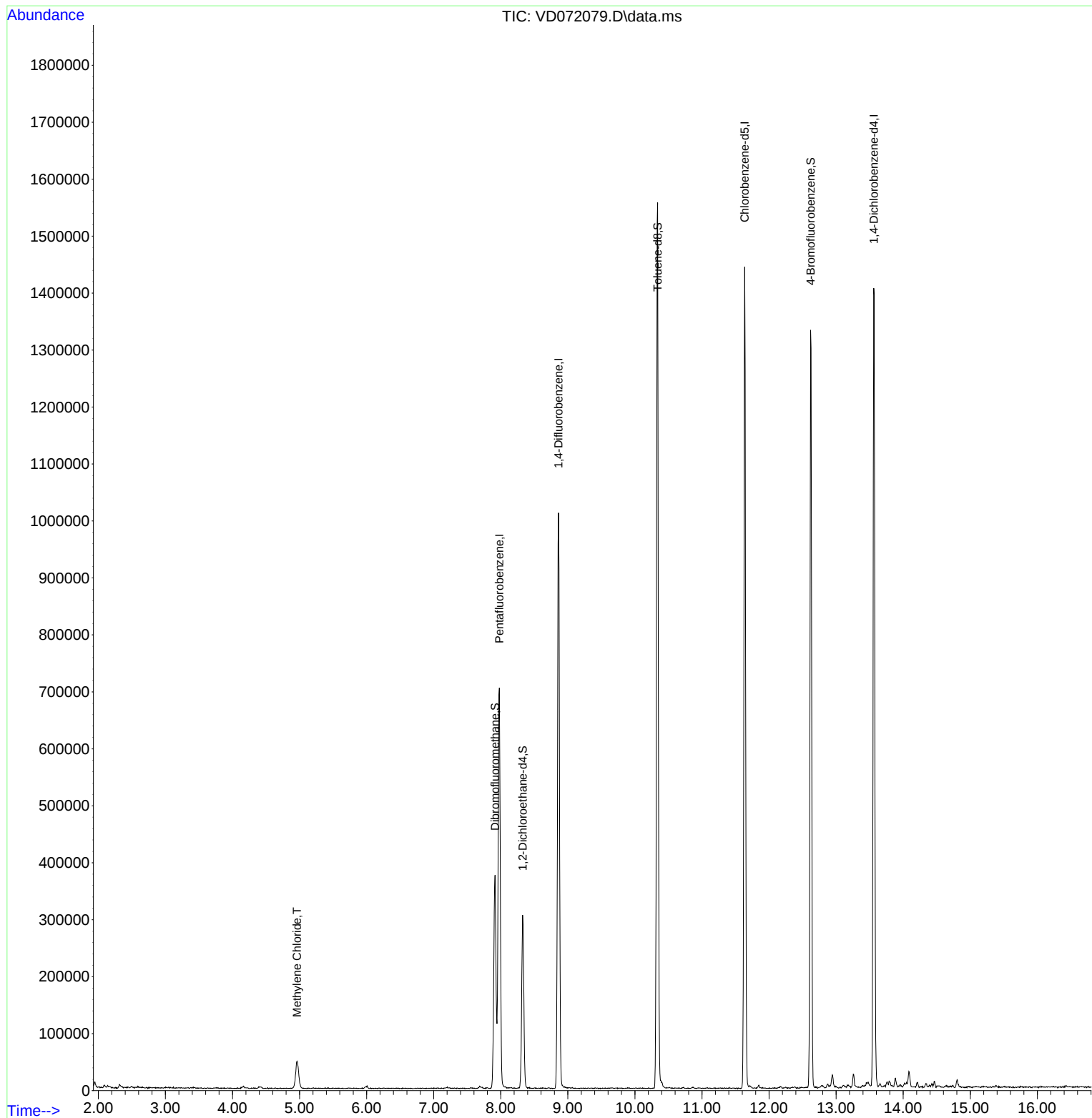
Internal Standards						
1) Pentafluorobenzene	7.979	168	520378	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	869962	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	826290	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	379225	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	239976	44.458	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	88.920%
35) Dibromofluoromethane	7.914	113	268089	50.863	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.720%
50) Toluene-d8	10.338	98	1062616	54.364	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.720%
62) 4-Bromofluorobenzene	12.620	95	374076	52.100	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	104.200%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.961	84	36903	6.356	ug/l	91

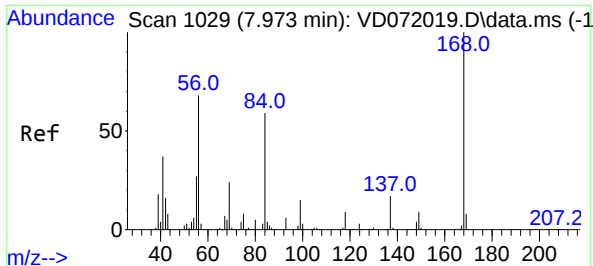
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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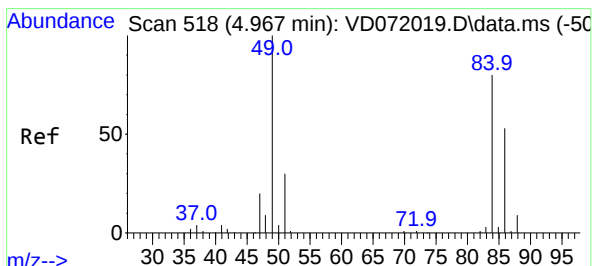
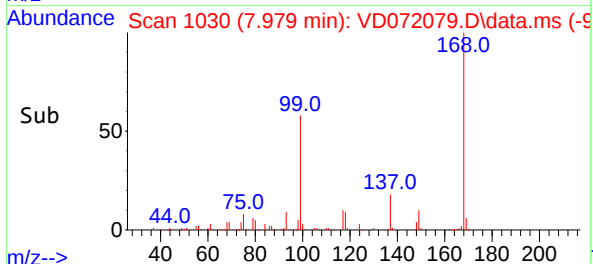
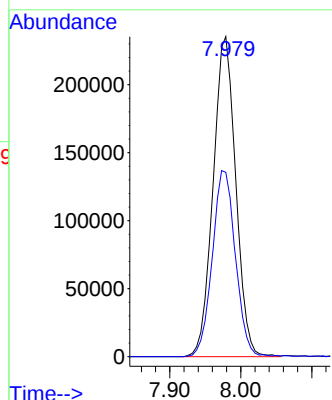
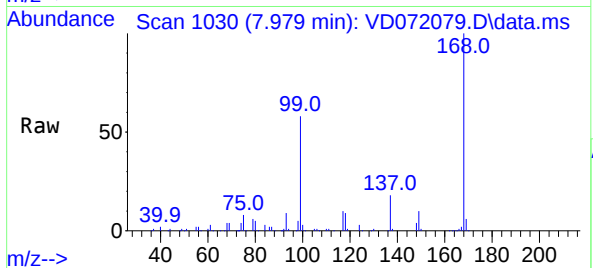




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 10
Delta R.T. 0.006 min
Lab File: VD072079.D
Acq: 23 Feb 2022 17:27

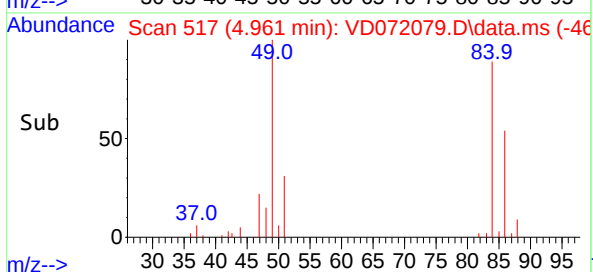
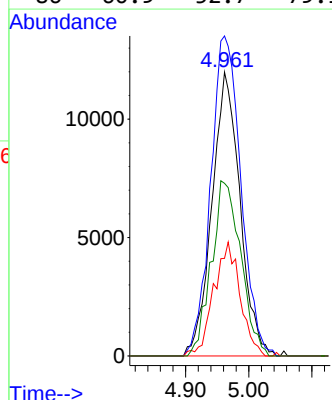
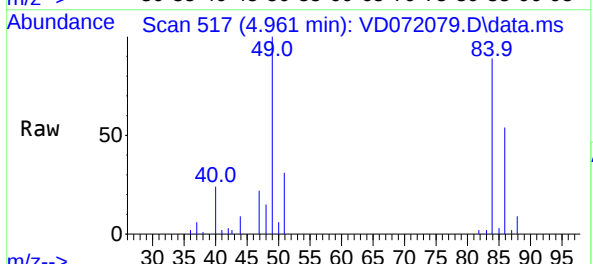
Instrument :
MSVOA_D
ClientSampleId :
GS-7

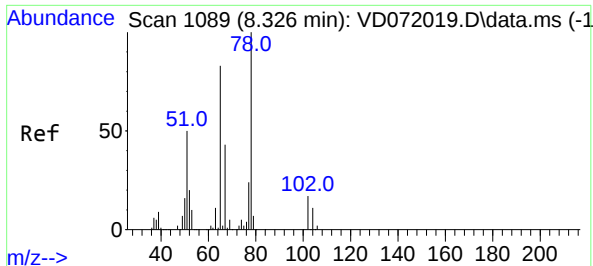
Tgt Ion:168 Resp: 520378
Ion Ratio Lower Upper
168 100
99 57.6 47.1 70.7



#20
Methylene Chloride
Concen: 6.356 ug/l
RT: 4.961 min Scan# 517
Delta R.T. -0.006 min
Lab File: VD072079.D
Acq: 23 Feb 2022 17:27

Tgt Ion: 84 Resp: 36903
Ion Ratio Lower Upper
84 100
49 112.8 100.0 150.0
51 34.4 30.2 45.4
86 60.9 52.7 79.1





#33

1,2-Dichloroethane-d4

Concen: 44.458 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072079.D

Acq: 23 Feb 2022 17:27

Instrument :

MSVOA_D

ClientSampleId :

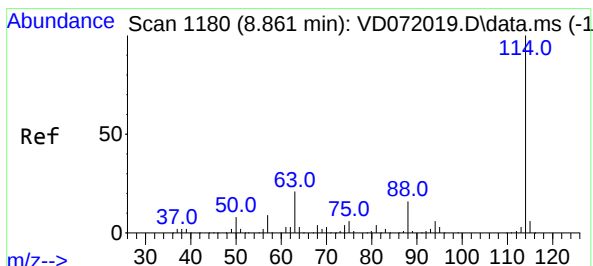
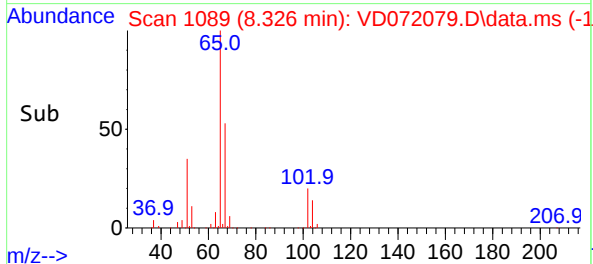
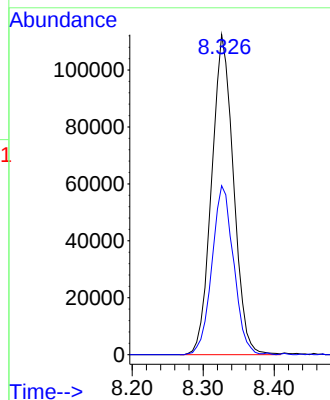
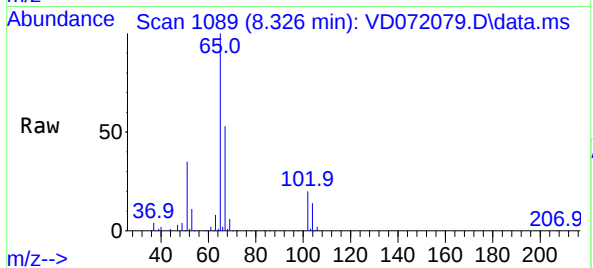
GS-7

Tgt Ion: 65 Resp: 239976

Ion Ratio Lower Upper

65 100

67 52.5 0.0 105.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD072079.D

Acq: 23 Feb 2022 17:27

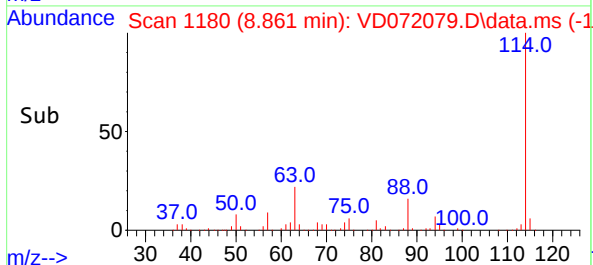
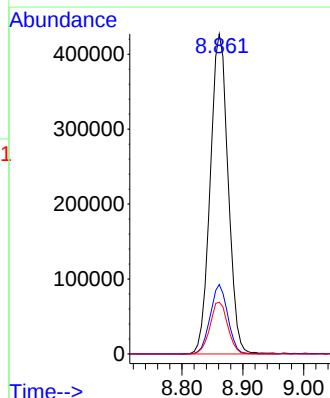
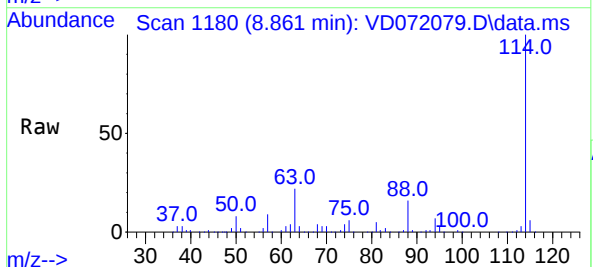
Tgt Ion: 114 Resp: 869962

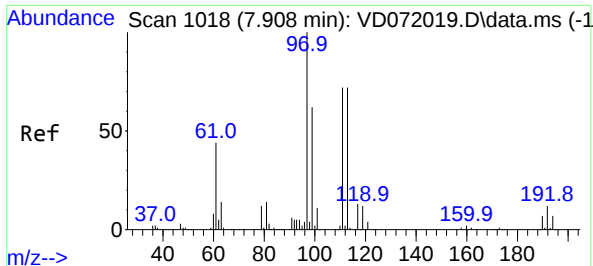
Ion Ratio Lower Upper

114 100

63 21.7 0.0 42.2

88 16.2 0.0 31.2

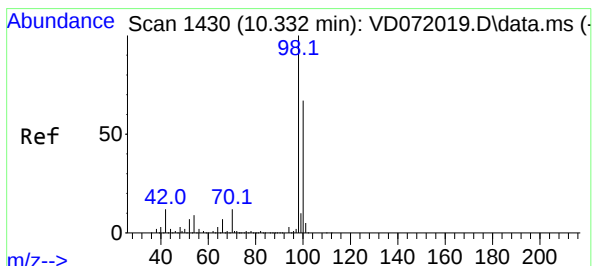
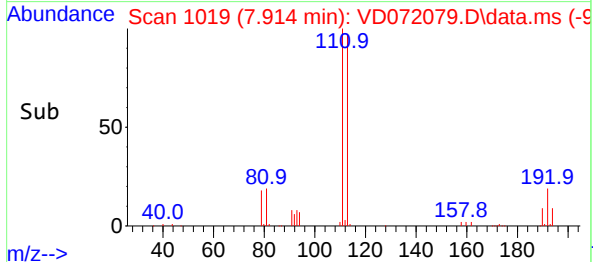
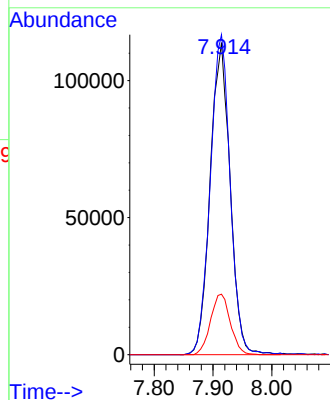
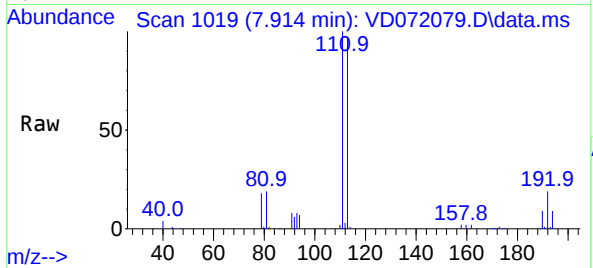




#35
Dibromofluoromethane
Concen: 50.863 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.006 min
Lab File: VD072079.D
Acq: 23 Feb 2022 17:27

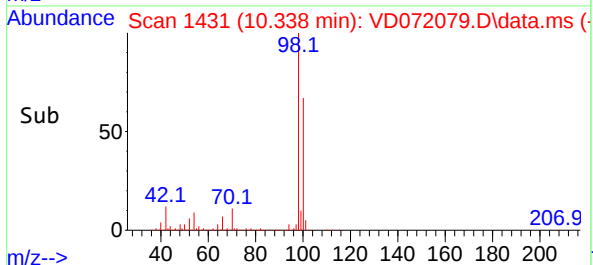
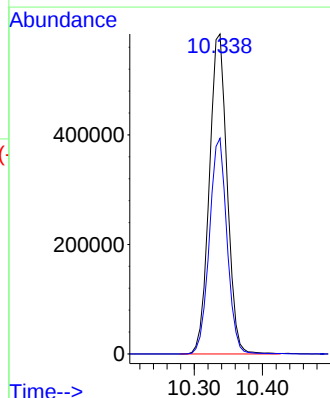
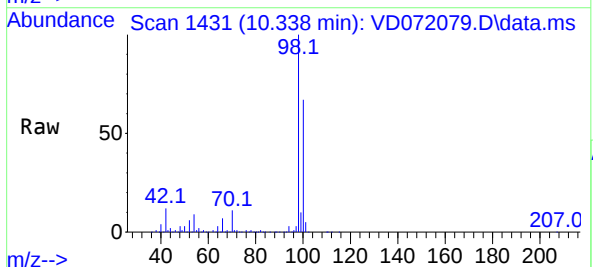
Instrument :
MSVOA_D
ClientSampleId :
GS-7

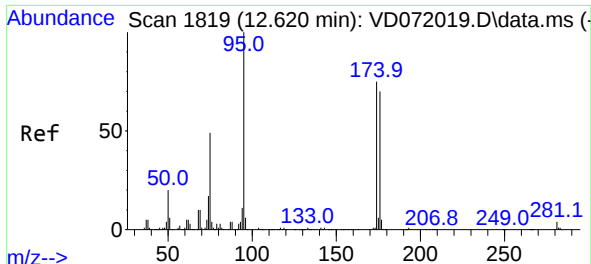
Tgt Ion:113 Resp: 268089
Ion Ratio Lower Upper
113 100
111 102.3 83.0 124.4
192 19.2 15.3 22.9



#50
Toluene-d8
Concen: 54.364 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD072079.D
Acq: 23 Feb 2022 17:27

Tgt Ion: 98 Resp: 1062616
Ion Ratio Lower Upper
98 100
100 66.7 53.8 80.6

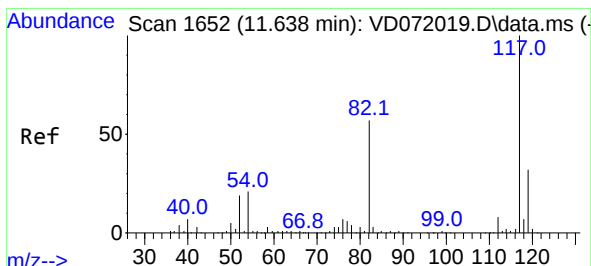
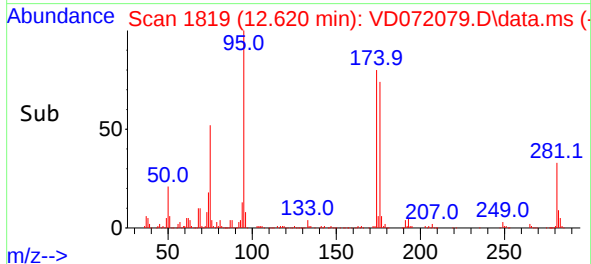
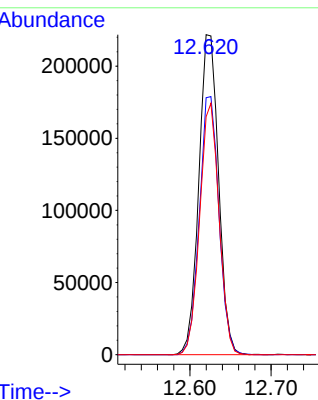
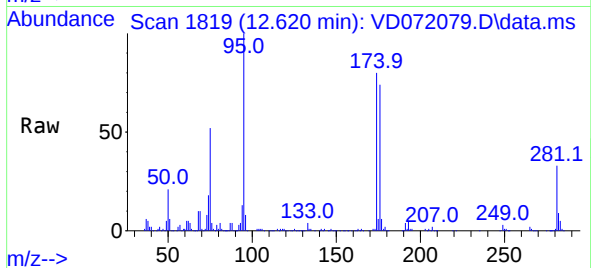




#62
4-Bromofluorobenzene
Concen: 52.100 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD072079.D
Acq: 23 Feb 2022 17:27

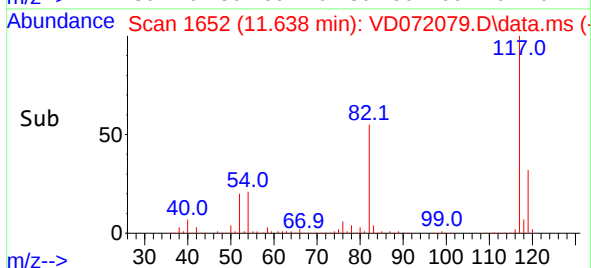
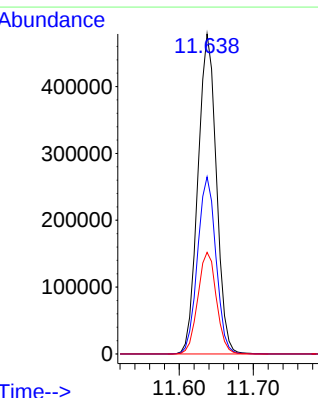
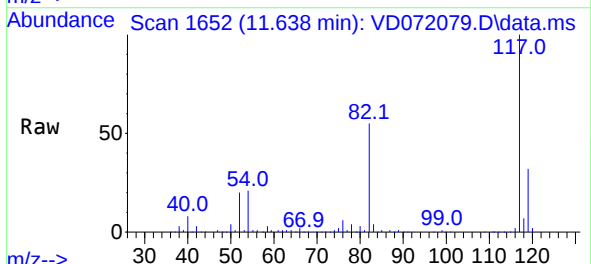
Instrument :
MSVOA_D
ClientSampleId :
GS-7

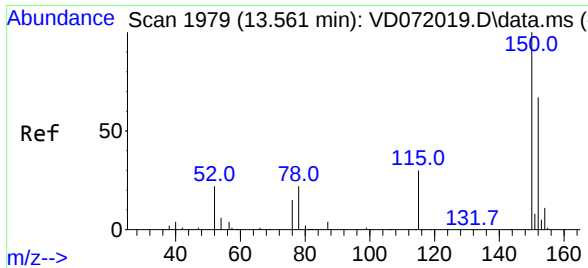
Tgt Ion: 95 Resp: 374076
Ion Ratio Lower Upper
95 100
174 80.1 0.0 155.0
176 76.9 0.0 148.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD072079.D
Acq: 23 Feb 2022 17:27

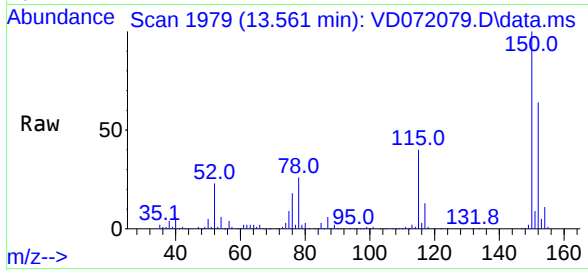
Tgt Ion: 117 Resp: 826290
Ion Ratio Lower Upper
117 100
82 55.4 45.4 68.0
119 31.8 25.4 38.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VD072079.D
 Acq: 23 Feb 2022 17:27

Instrument :
 MSVOA_D
 ClientSampleId :
 GS-7



Tgt Ion:152 Resp: 379225

Ion	Ratio	Lower	Upper
152	100		
115	60.0	29.9	89.7
150	158.0	0.0	347.6

