

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032322\
 Data File : VD072395.D
 Acq On : 23 Mar 2022 20:30
 Operator : VA/SY
 Sample : VIBLK
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK

Quant Time: Mar 24 00:55:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 14 05:18:06 2022
 Response via : Initial Calibration

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

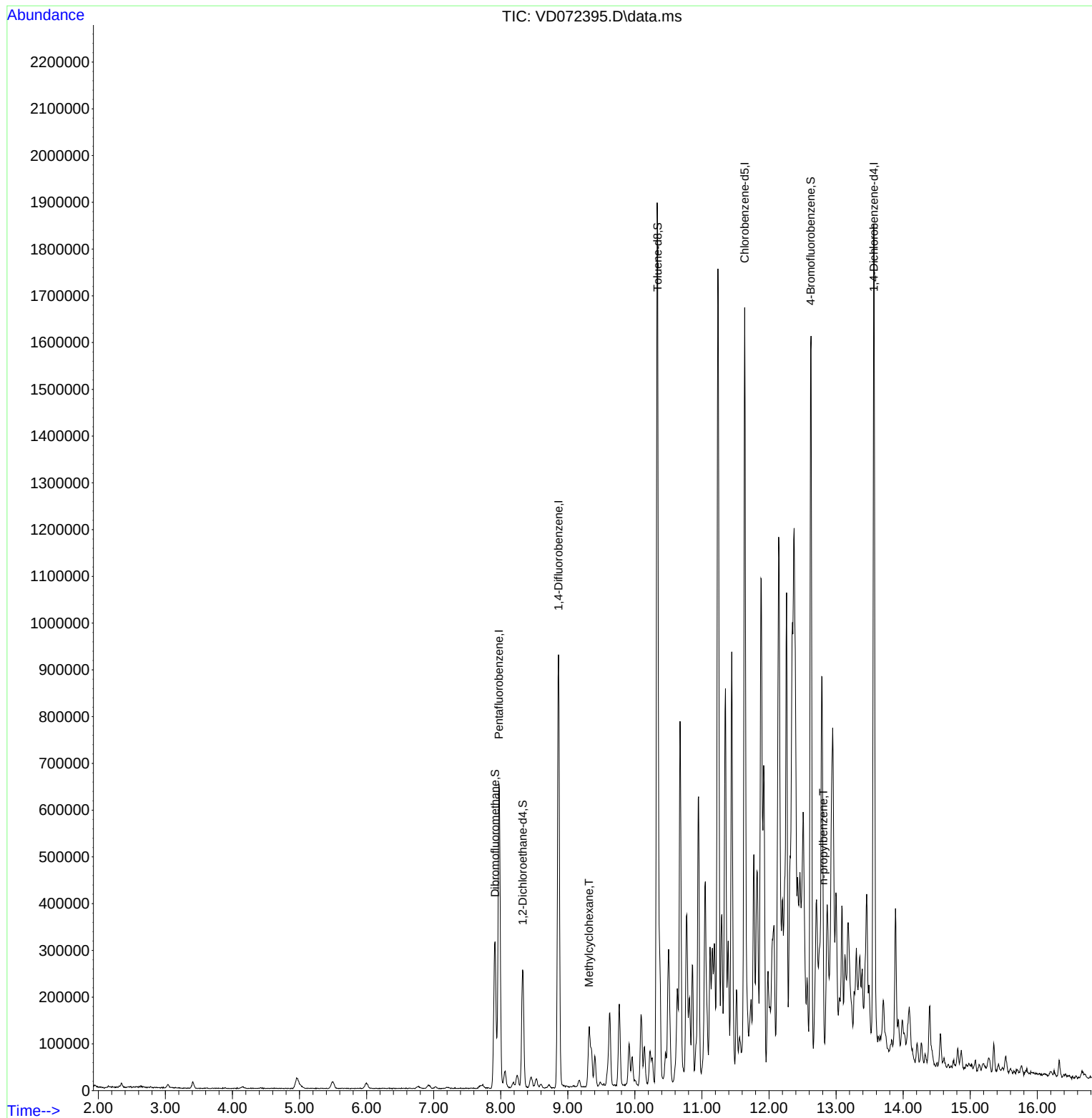
Internal Standards						
1) Pentafluorobenzene	7.973	168	479616	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	793135	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	899395	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	465501	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	207349	38.793	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	77.580%
35) Dibromofluoromethane	7.914	113	231651	41.504	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	83.000%
50) Toluene-d8	10.338	98	1048224	51.363	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.720%
62) 4-Bromofluorobenzene	12.620	95	475469	59.960	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	119.920%
Target Compounds						
					Qvalue	
39) Methylcyclohexane	9.314	83	36512	4.144	ug/l #	25
78) n-propylbenzene	12.808	91	47537	1.061	ug/l	97

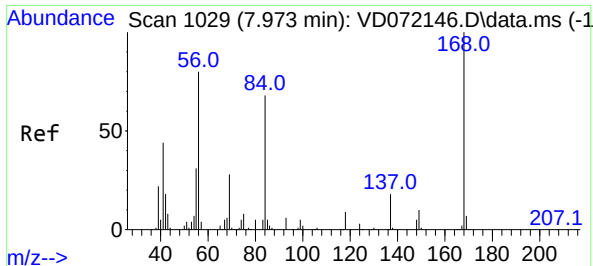
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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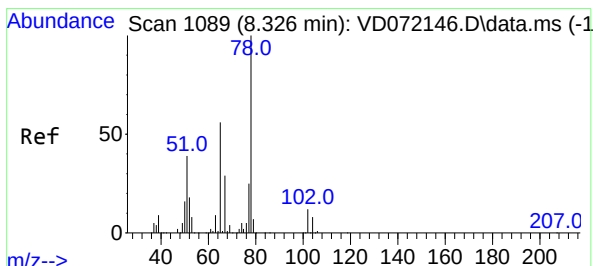
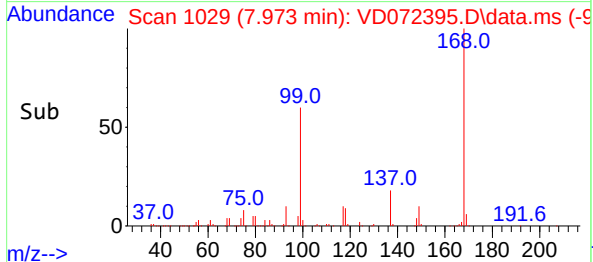
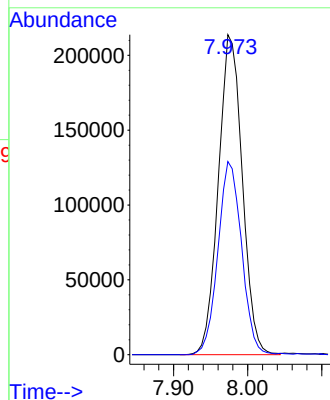
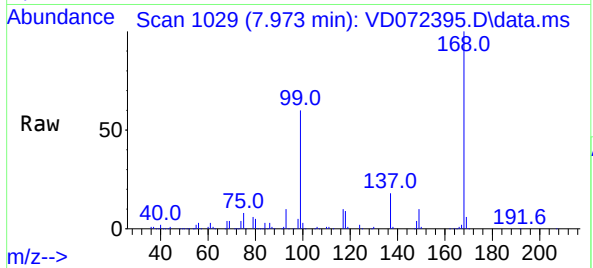




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD072395.D
Acq: 23 Mar 2022 20:30

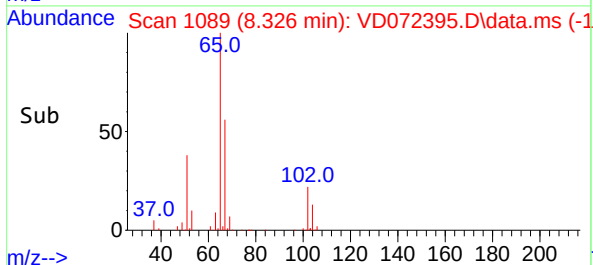
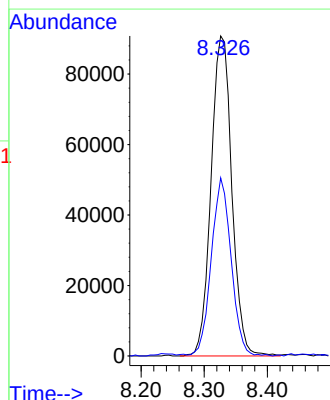
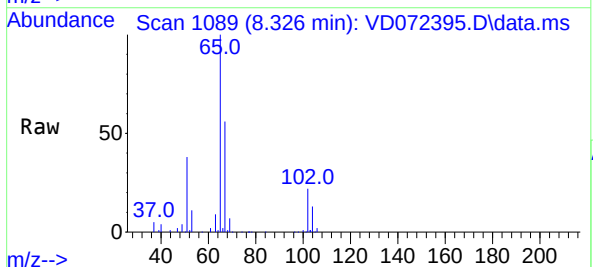
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

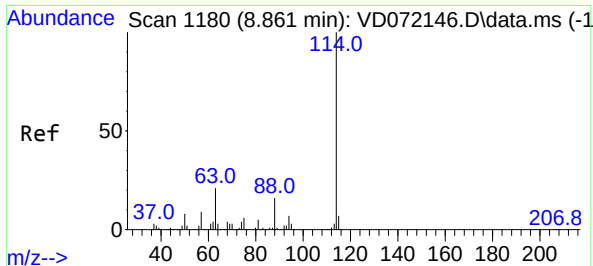
Tgt Ion:168 Resp: 479616
Ion Ratio Lower Upper
168 100
99 60.4 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 38.793 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072395.D
Acq: 23 Mar 2022 20:30

Tgt Ion: 65 Resp: 207349
Ion Ratio Lower Upper
65 100
67 53.3 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD072395.D

Acq: 23 Mar 2022 20:30

Instrument :

MSVOA_D

ClientSampleId :

VIBLK

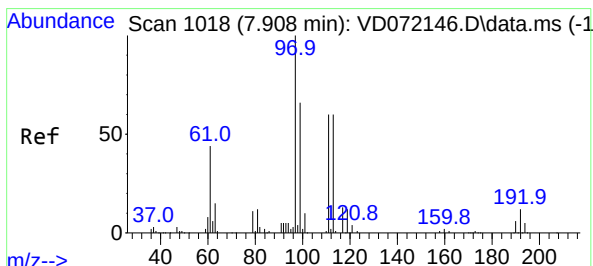
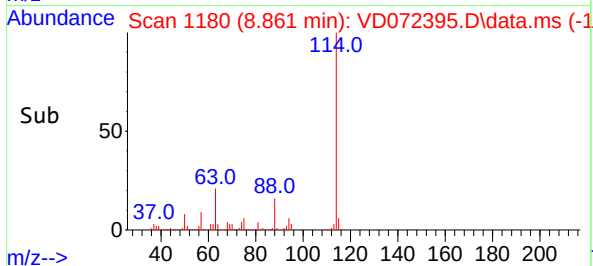
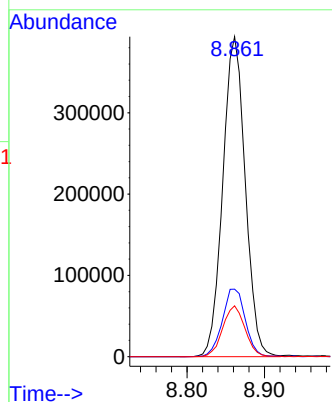
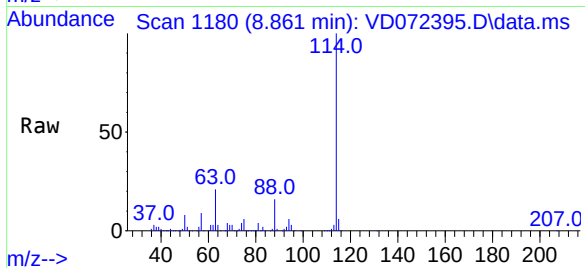
Tgt Ion:114 Resp: 793135

Ion Ratio Lower Upper

114 100

63 21.1 0.0 46.6

88 15.9 0.0 33.2



#35

Dibromofluoromethane

Concen: 41.504 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.006 min

Lab File: VD072395.D

Acq: 23 Mar 2022 20:30

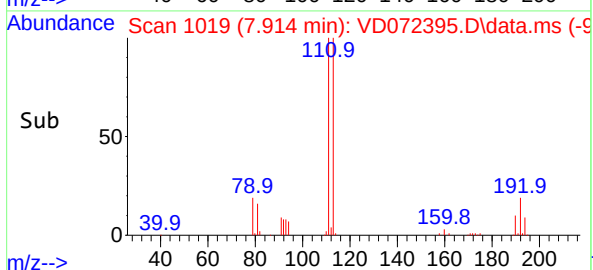
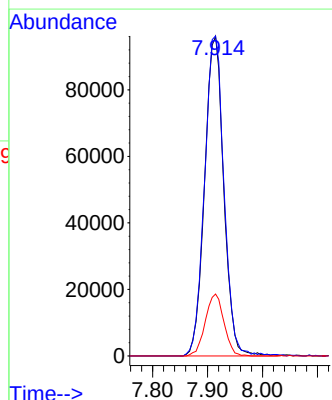
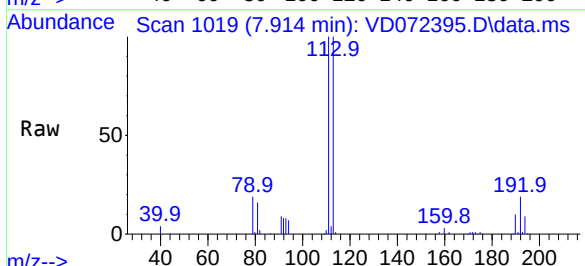
Tgt Ion:113 Resp: 231651

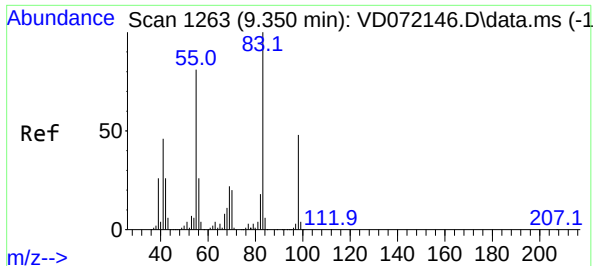
Ion Ratio Lower Upper

113 100

111 102.0 83.8 125.6

192 18.9 14.6 21.8





#39

Methylcyclohexane

Concen: 4.144 ug/l

RT: 9.314 min Scan# 1

Delta R.T. -0.035 min

Lab File: VD072395.D

Acq: 23 Mar 2022 20:30

Instrument :

MSVOA_D

ClientSampleId :

VIBLK

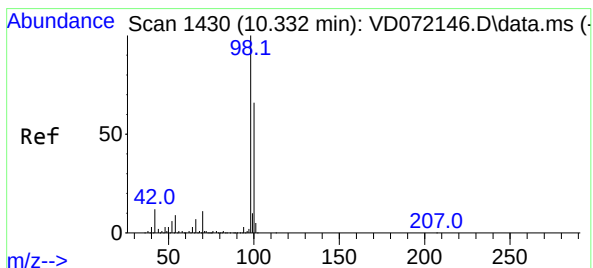
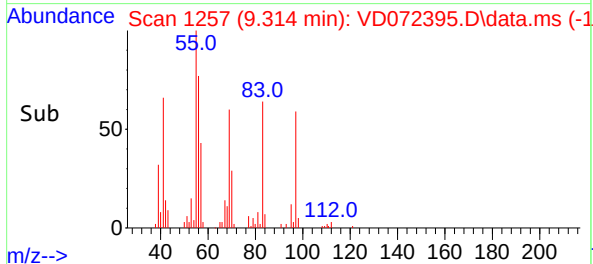
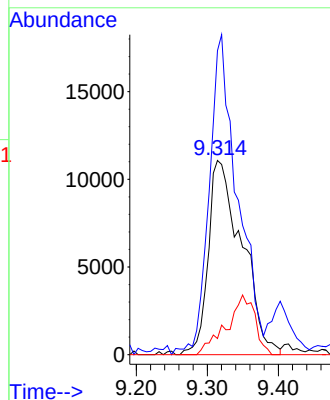
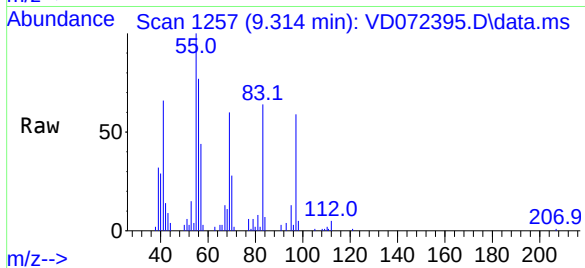
Tgt Ion: 83 Resp: 36512

Ion Ratio Lower Upper

83 100

55 153.6 63.2 94.8#

98 8.3 38.2 57.4#



#50

Toluene-d8

Concen: 51.363 ug/l

RT: 10.338 min Scan# 1431

Delta R.T. 0.006 min

Lab File: VD072395.D

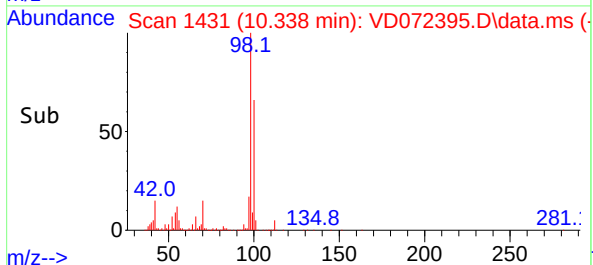
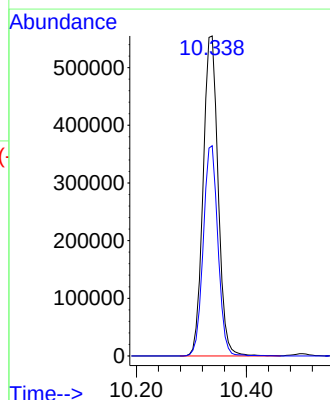
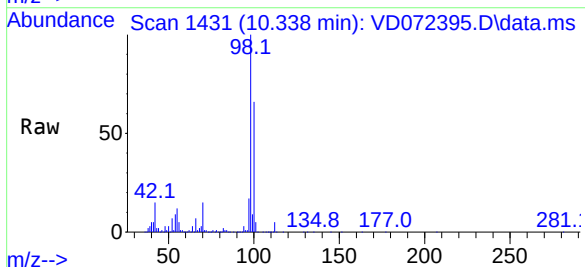
Acq: 23 Mar 2022 20:30

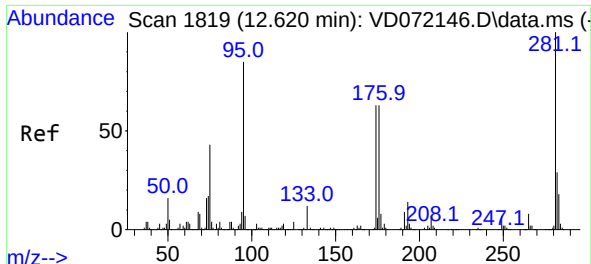
Tgt Ion: 98 Resp: 1048224

Ion Ratio Lower Upper

98 100

100 64.4 52.4 78.6

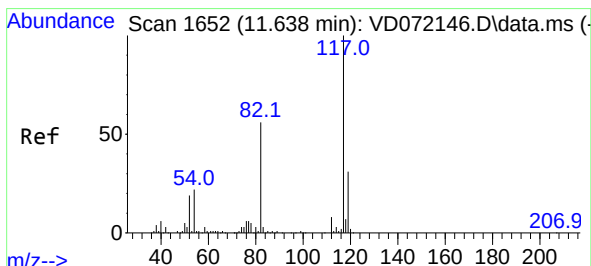
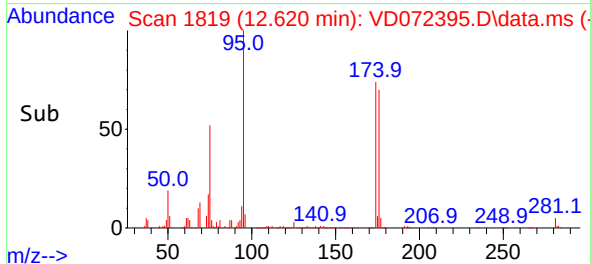
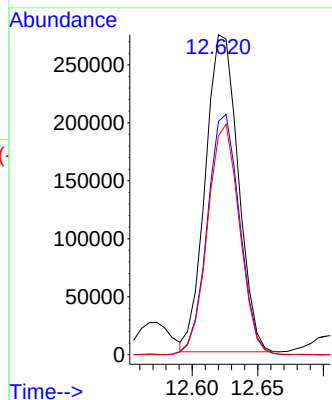
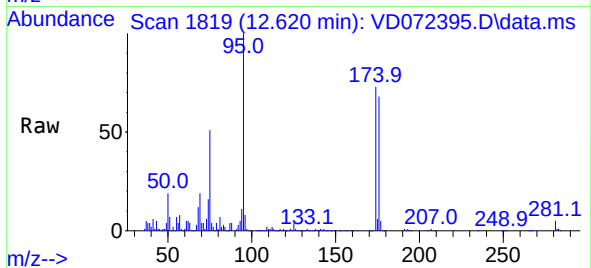




#62
4-Bromofluorobenzene
Concen: 59.960 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD072395.D
Acq: 23 Mar 2022 20:30

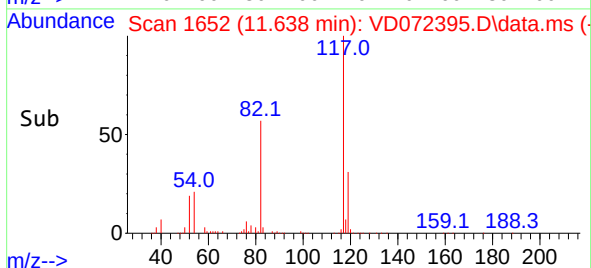
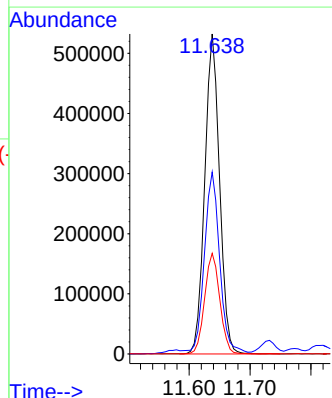
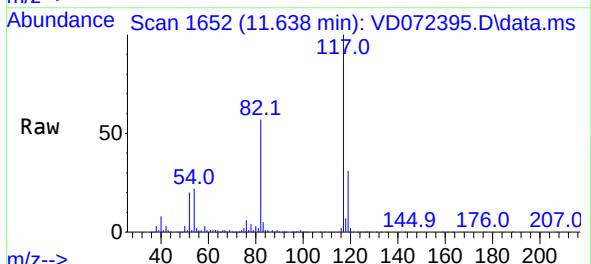
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

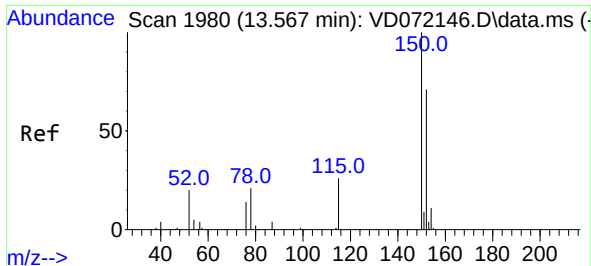
Tgt Ion: 95 Resp: 475469
Ion Ratio Lower Upper
95 100
174 74.7 0.0 152.8
176 71.0 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD072395.D
Acq: 23 Mar 2022 20:30

Tgt Ion: 117 Resp: 899395
Ion Ratio Lower Upper
117 100
82 55.8 45.3 67.9
119 31.4 26.6 40.0

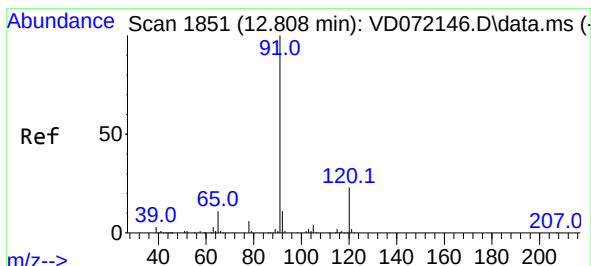
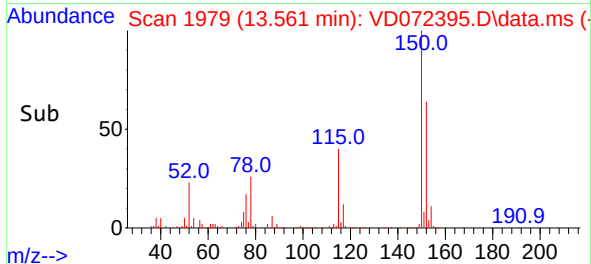
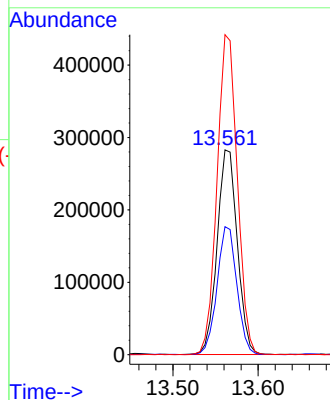
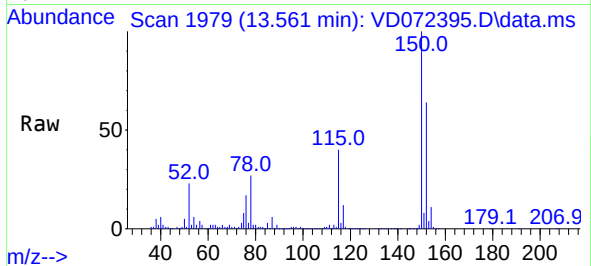




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1980
Delta R.T. -0.006 min
Lab File: VD072395.D
Acq: 23 Mar 2022 20:30

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

Tgt Ion:152 Resp: 465501
Ion Ratio Lower Upper
152 100
115 61.6 31.3 93.8
150 157.1 0.0 348.6



#78
n-propylbenzene
Concen: 1.061 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VD072395.D
Acq: 23 Mar 2022 20:30

Tgt Ion: 91 Resp: 47537
Ion Ratio Lower Upper
91 100
120 23.3 10.9 32.9

