

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031622\
 Data File : VD072226.D
 Acq On : 16 Mar 2022 18:56
 Operator : VA/SY
 Sample : N1884-01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HR-03-031022

Quant Time: Mar 17 02:28:30 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)

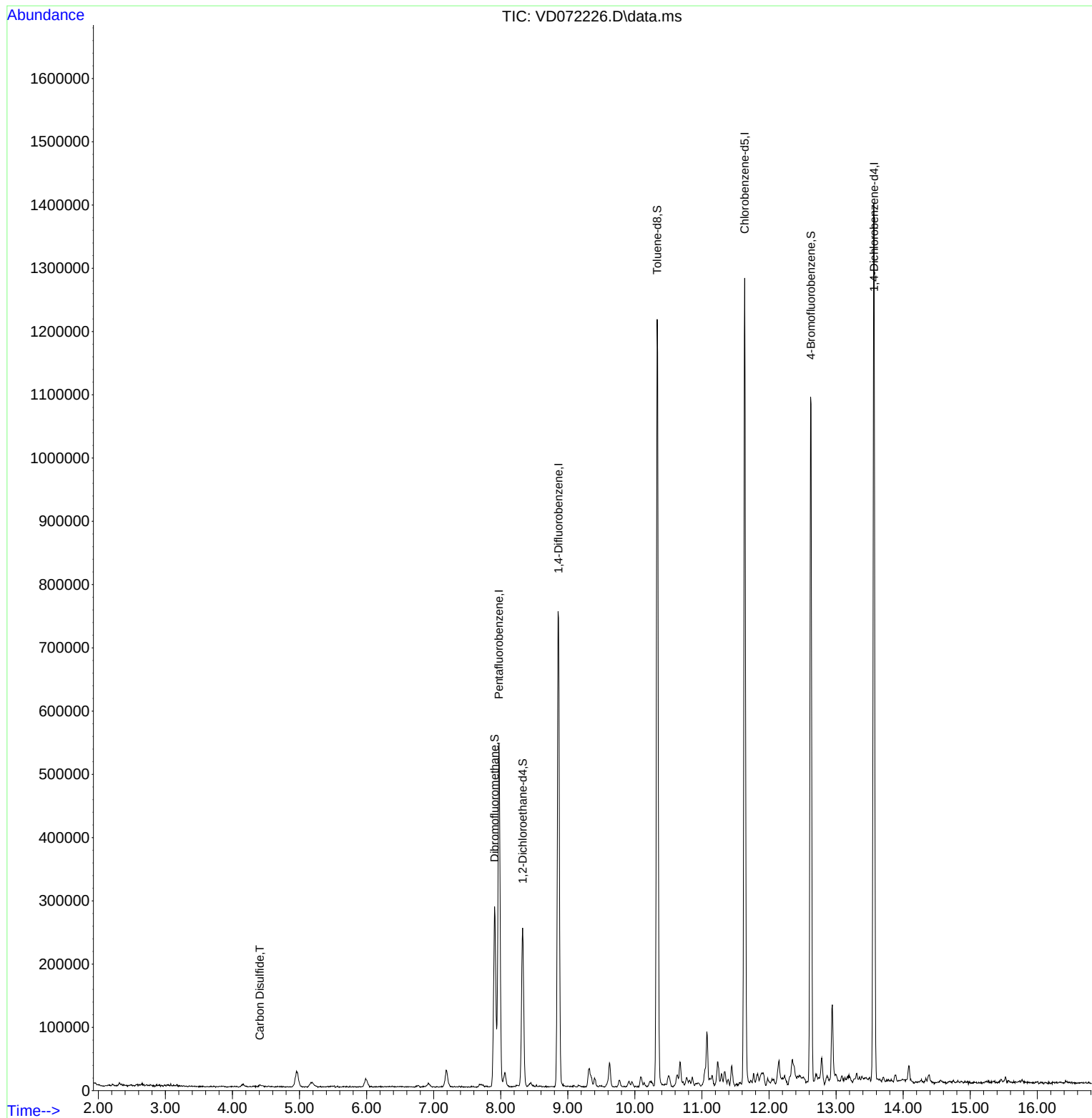
Internal Standards						
1) Pentafluorobenzene	7.973	168	395342	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	662223	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	726967	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	371045	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	203057	46.088	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.180%
35) Dibromofluoromethane	7.909	113	202574	43.470	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	86.940%
50) Toluene-d8	10.332	98	831360	48.789	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.580%
62) 4-Bromofluorobenzene	12.626	95	363961	54.972	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	109.940%
Target Compounds						
17) Carbon Disulfide	4.409	76	4388	2.003	ug/l	Qvalue # 81

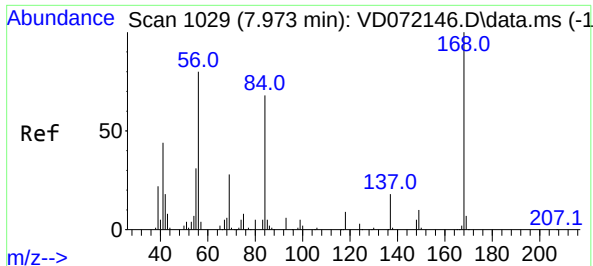
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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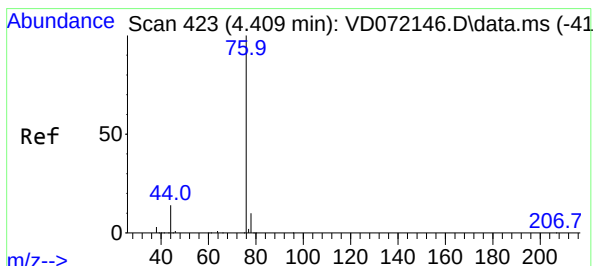
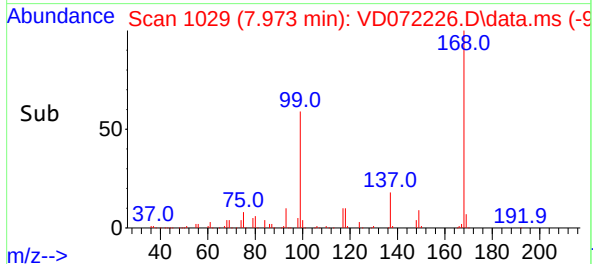
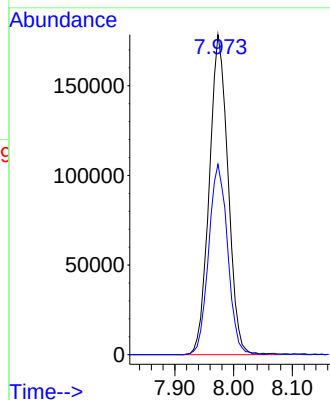
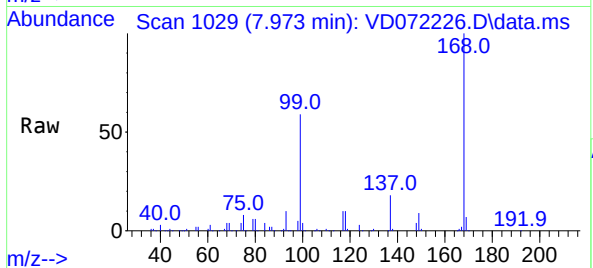




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD072226.D
Acq: 16 Mar 2022 18:56

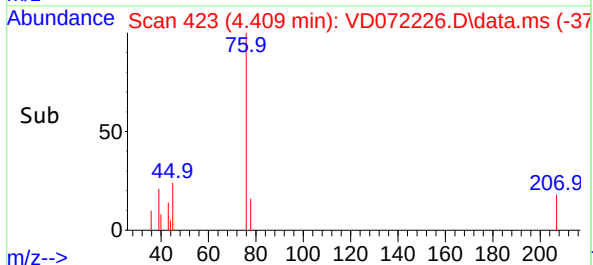
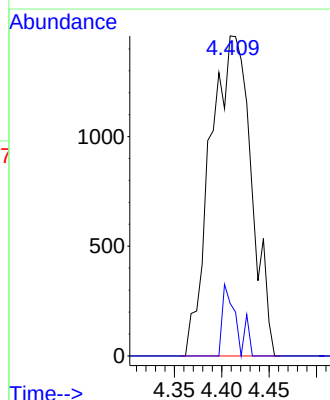
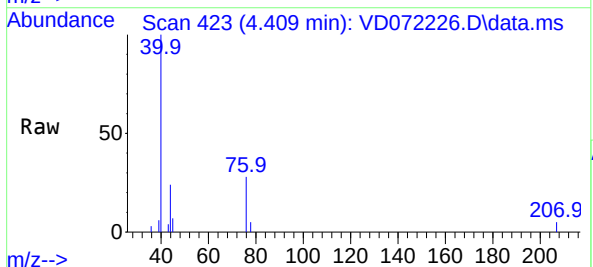
Instrument :
MSVOA_D
ClientSampleId :
HR-03-031022

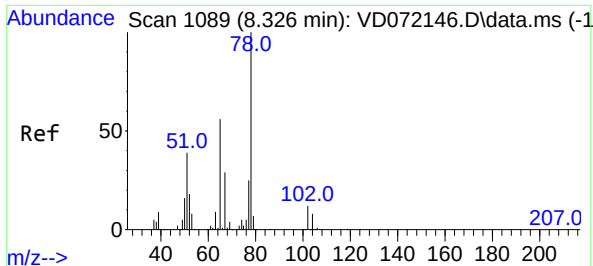
Tgt Ion:168 Resp: 395342
Ion Ratio Lower Upper
168 100
99 59.5 49.8 74.6



#17
Carbon Disulfide
Concen: 2.003 ug/l
RT: 4.409 min Scan# 423
Delta R.T. -0.000 min
Lab File: VD072226.D
Acq: 16 Mar 2022 18:56

Tgt Ion: 76 Resp: 4388
Ion Ratio Lower Upper
76 100
78 16.4 7.5 11.3#





#33

1,2-Dichloroethane-d4

Concen: 46.088 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072226.D

Acq: 16 Mar 2022 18:56

Instrument :

MSVOA_D

ClientSampleId :

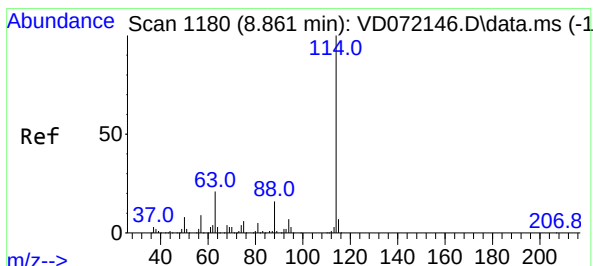
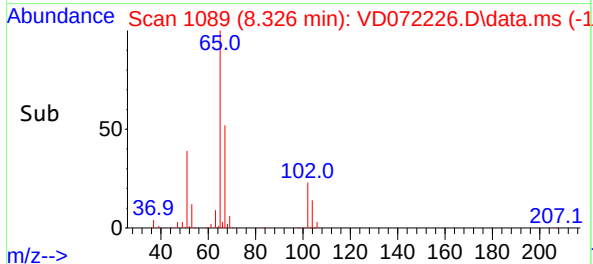
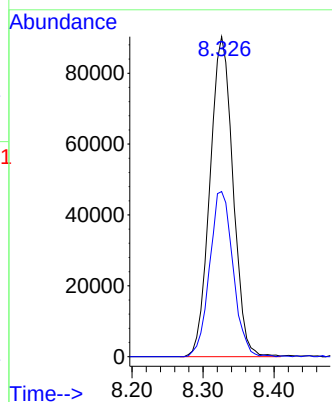
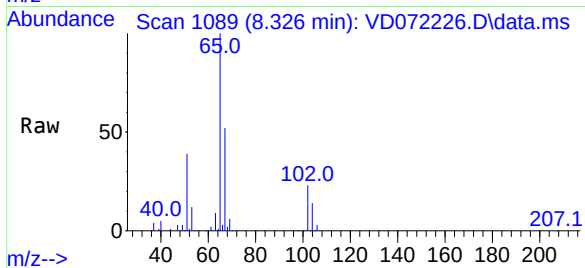
HR-03-031022

Tgt Ion: 65 Resp: 203057

Ion Ratio Lower Upper

65 100

67 52.6 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: VD072226.D

Acq: 16 Mar 2022 18:56

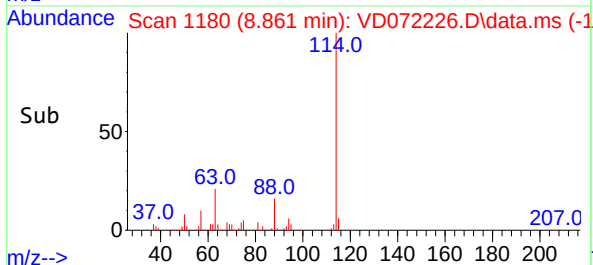
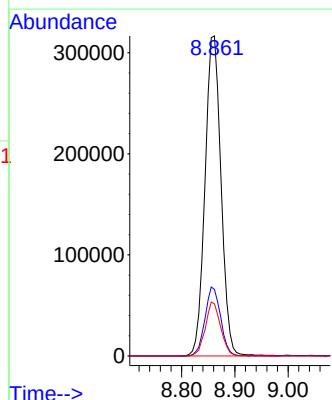
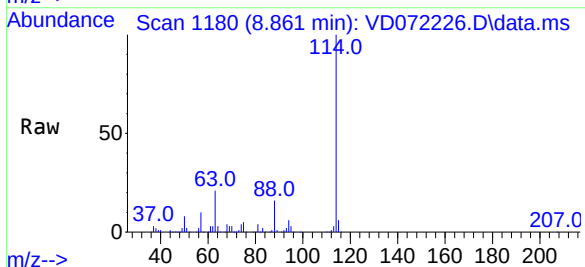
Tgt Ion: 114 Resp: 662223

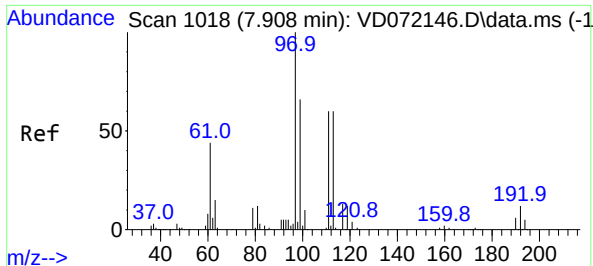
Ion Ratio Lower Upper

114 100

63 20.8 0.0 46.6

88 16.3 0.0 33.2





#35

Dibromofluoromethane

Concen: 43.470 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD072226.D

Acq: 16 Mar 2022 18:56

Instrument :

MSVOA_D

ClientSampleId :

HR-03-031022

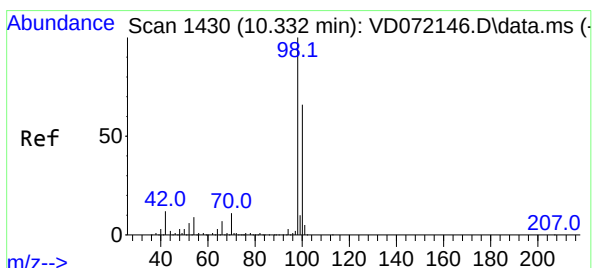
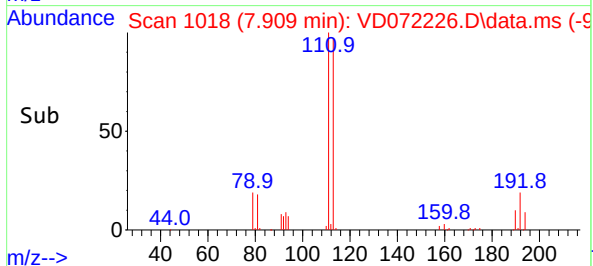
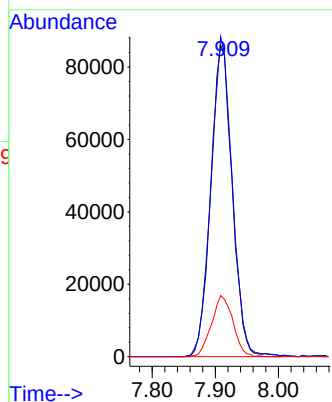
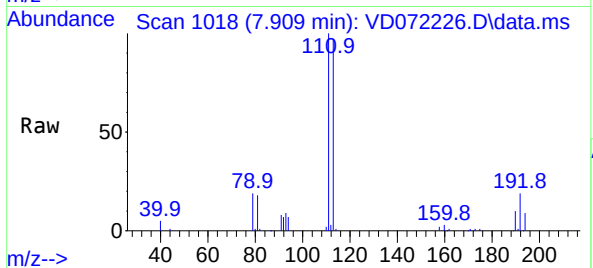
Tgt Ion:113 Resp: 202574

Ion Ratio Lower Upper

113 100

111 102.3 83.8 125.6

192 19.6 14.6 21.8



#50

Toluene-d8

Concen: 48.789 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VD072226.D

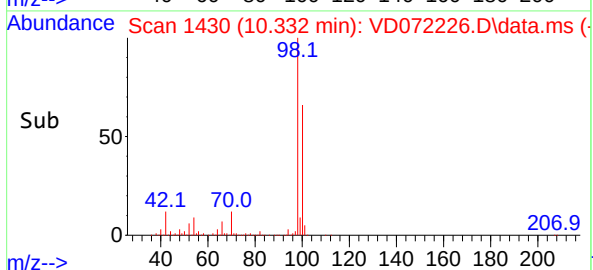
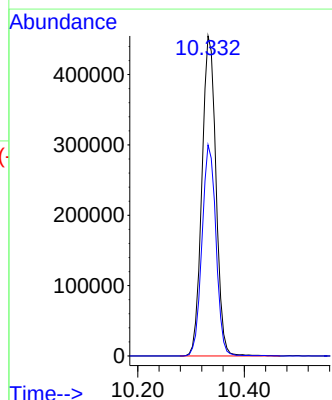
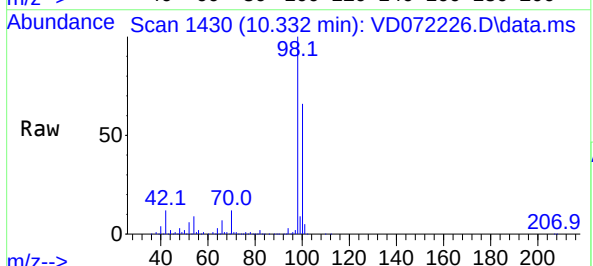
Acq: 16 Mar 2022 18:56

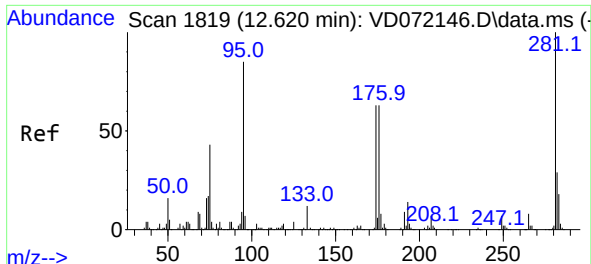
Tgt Ion: 98 Resp: 831360

Ion Ratio Lower Upper

98 100

100 65.6 52.4 78.6

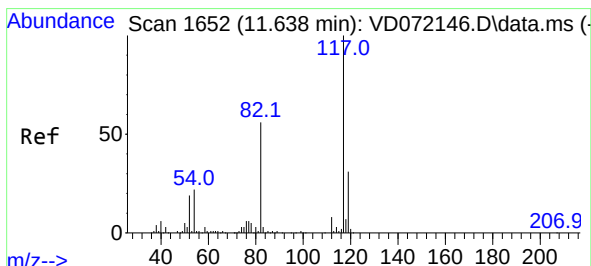
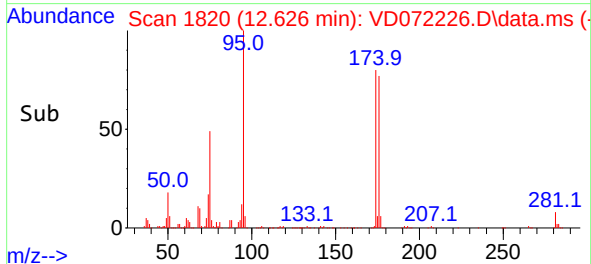
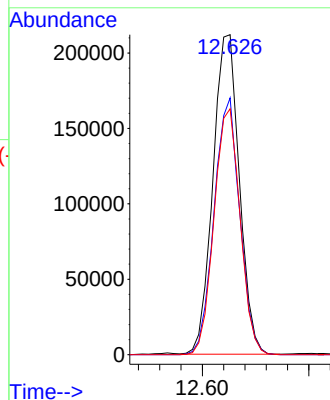
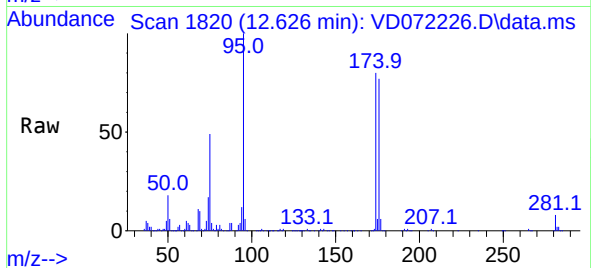




#62
4-Bromofluorobenzene
Concen: 54.972 ug/l
RT: 12.626 min Scan# 1819
Delta R.T. 0.006 min
Lab File: VD072226.D
Acq: 16 Mar 2022 18:56

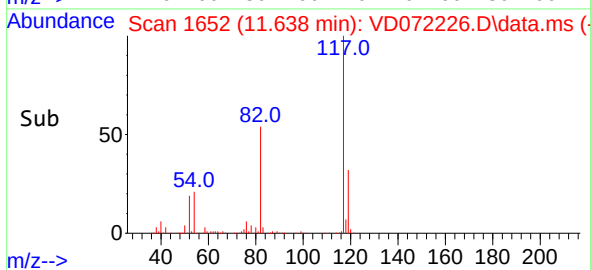
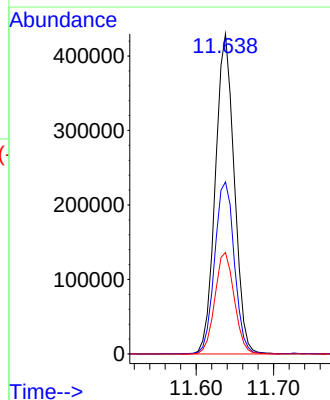
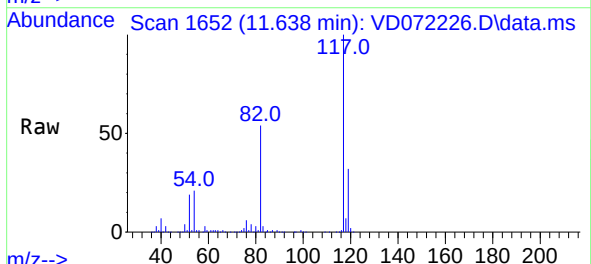
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HR-03-031022

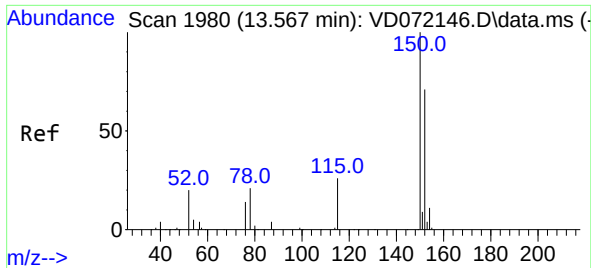
Tgt Ion: 95 Resp: 363961
Ion Ratio Lower Upper
95 100
174 78.1 0.0 152.8
176 75.9 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD072226.D
Acq: 16 Mar 2022 18:56

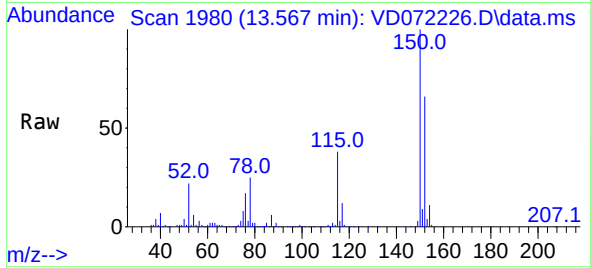
Tgt Ion: 117 Resp: 726967
Ion Ratio Lower Upper
117 100
82 53.7 45.3 67.9
119 31.7 26.6 40.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD072226.D
Acq: 16 Mar 2022 18:56

Instrument :
MSVOA_D
ClientSampleId :
HR-03-031022



Tgt Ion:152 Resp: 371045
Ion Ratio Lower Upper
152 100
115 60.6 31.3 93.8
150 157.3 0.0 348.6

