

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041822\
 Data File : VD072606.D
 Acq On : 18 Apr 2022 19:16
 Operator : VA/SY
 Sample : N2444-08
 Misc : 4.94G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-7

Quant Time: Apr 19 02:52:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D032922S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 02:44:36 2022
 Response via : Initial Calibration

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

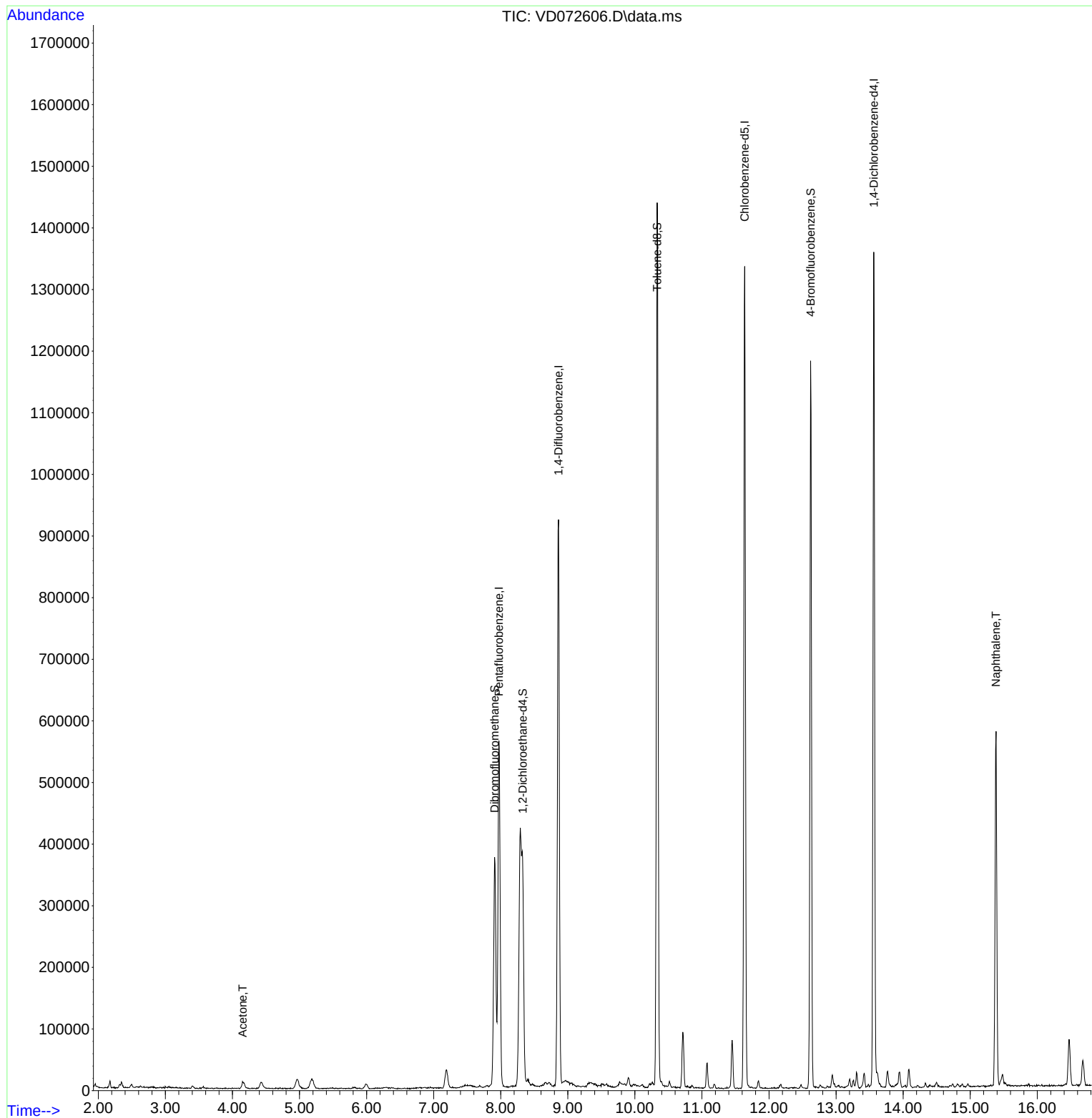
Internal Standards						
1) Pentafluorobenzene	7.973	168	418388	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	812955	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	784164	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	362465	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	257690	50.915	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.820%
35) Dibromofluoromethane	7.909	113	269981	42.733	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	85.460%
50) Toluene-d8	10.332	98	999051	45.492	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	90.980%
62) 4-Bromofluorobenzene	12.620	95	352661	41.118	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	82.240%
Target Compounds						
						Qvalue
16) Acetone	4.150	43	19250	20.397	ug/l	# 78
95) Naphthalene	15.385	128	499232	34.567	ug/l	99

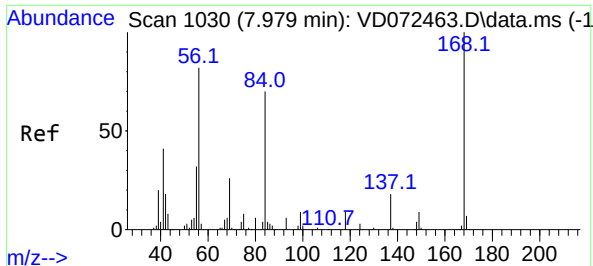
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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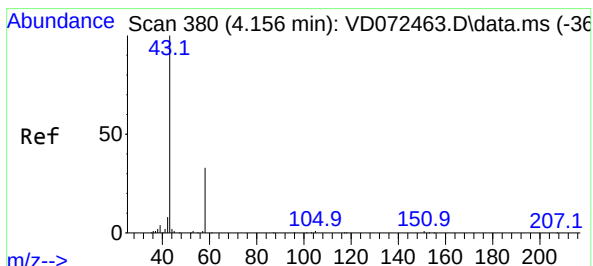
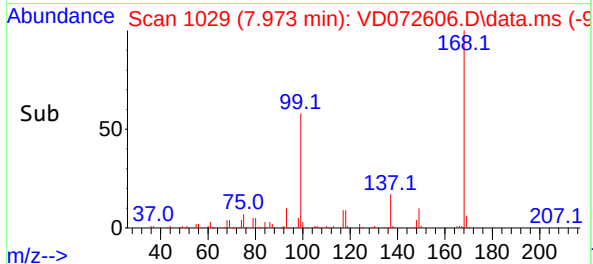
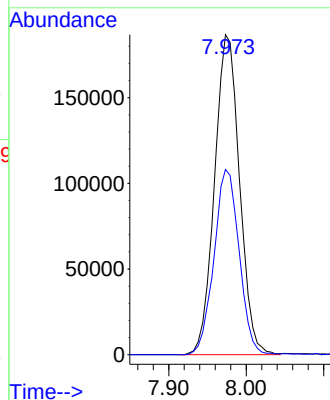
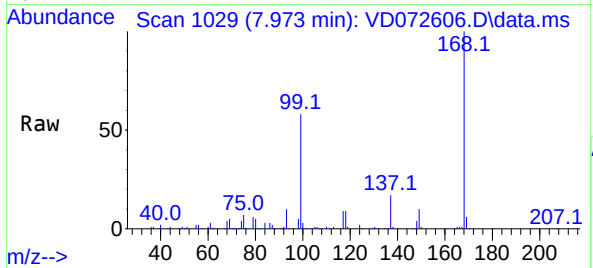




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD072606.D
Acq: 18 Apr 2022 19:16

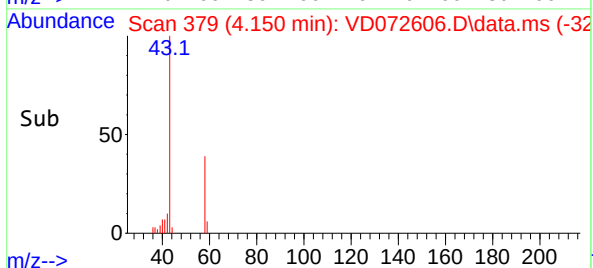
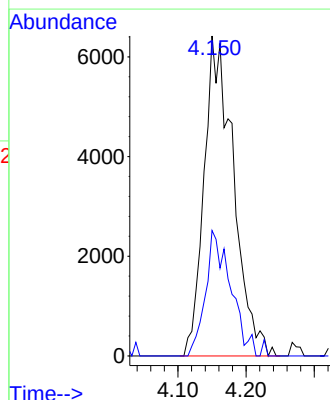
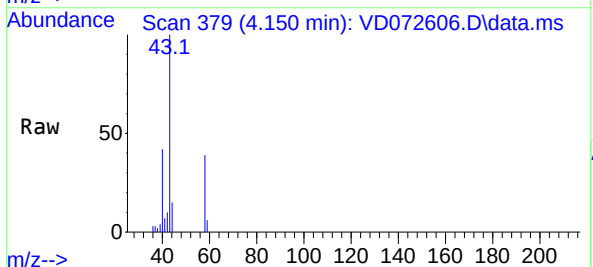
Instrument :
MSVOA_D
ClientSampleId :
SB-7

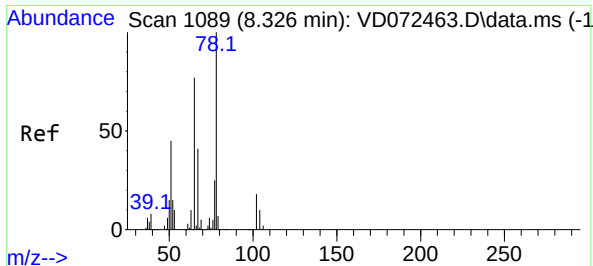
Tgt Ion:168 Resp: 418388
Ion Ratio Lower Upper
168 100
99 57.9 49.8 74.6



#16
Acetone
Concen: 20.397 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD072606.D
Acq: 18 Apr 2022 19:16

Tgt Ion: 43 Resp: 19250
Ion Ratio Lower Upper
43 100
58 39.2 22.1 33.1#

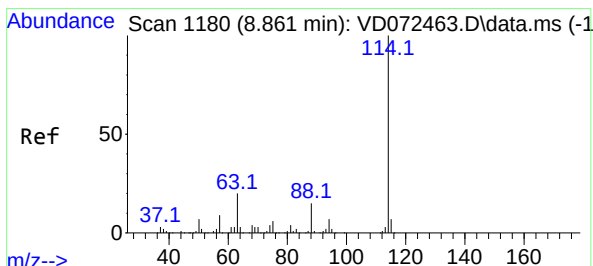
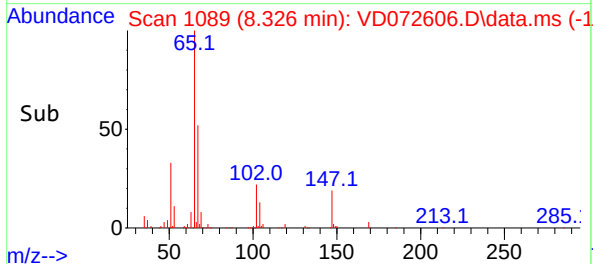
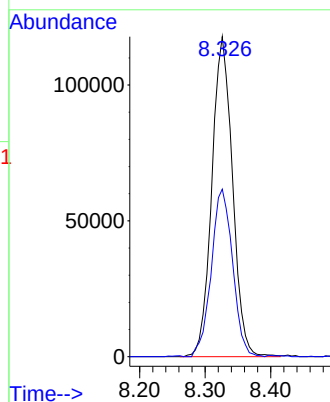
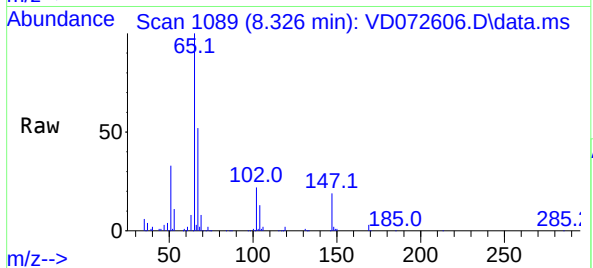




#33
1,2-Dichloroethane-d4
Concen: 50.915 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072606.D
Acq: 18 Apr 2022 19:16

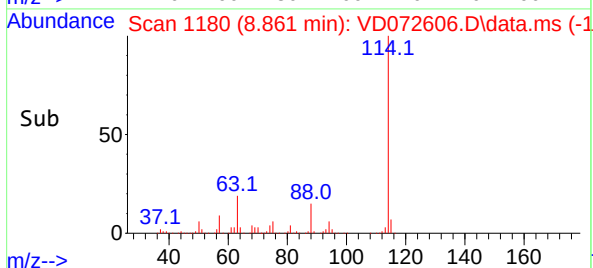
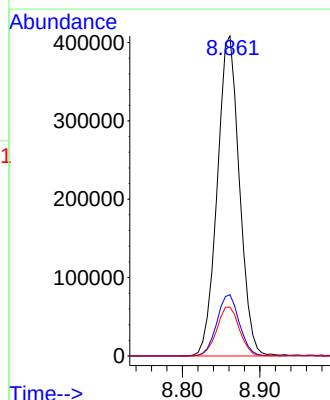
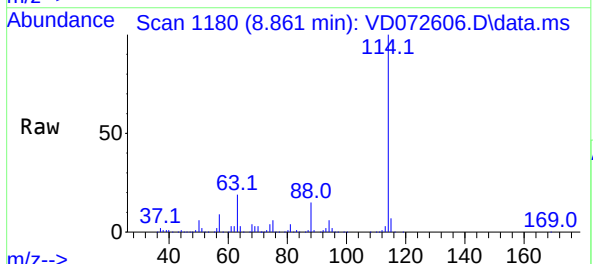
Instrument :
MSVOA_D
ClientSampleId :
SB-7

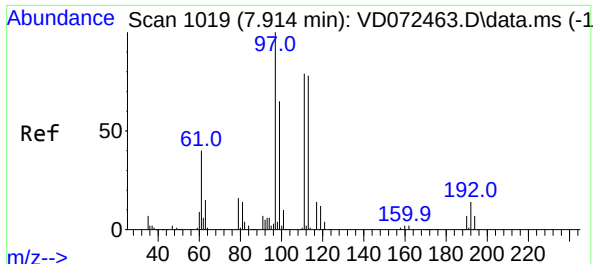
Tgt Ion: 65 Resp: 257690
Ion Ratio Lower Upper
65 100
67 53.9 0.0 101.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD072606.D
Acq: 18 Apr 2022 19:16

Tgt Ion: 114 Resp: 812955
Ion Ratio Lower Upper
114 100
63 19.2 0.0 46.6
88 15.2 0.0 33.2





#35

Dibromofluoromethane

Concen: 42.733 ug/l

RT: 7.909 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VD072606.D

Acq: 18 Apr 2022 19:16

Instrument :

MSVOA_D

ClientSampleId :

SB-7

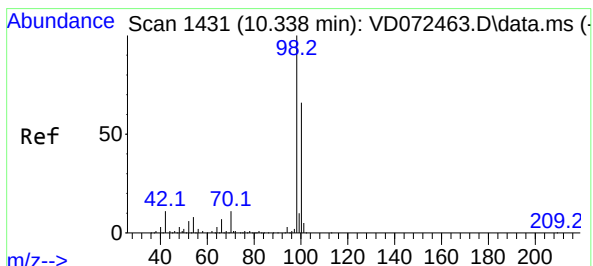
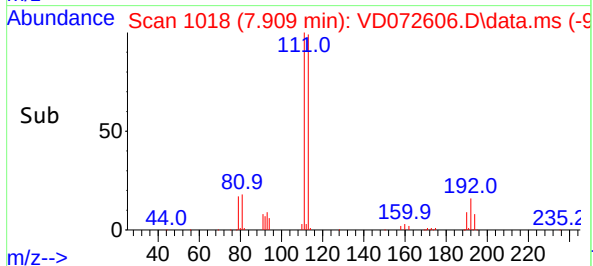
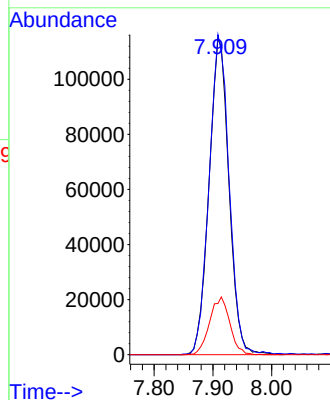
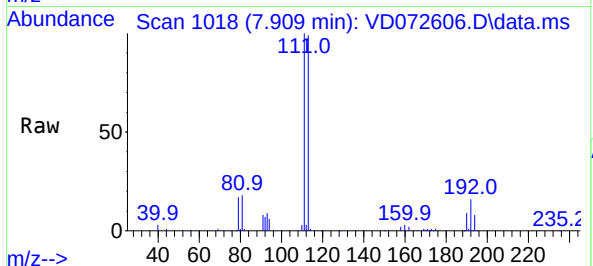
Tgt Ion:113 Resp: 269981

Ion Ratio Lower Upper

113 100

111 101.5 83.8 125.6

192 18.5 14.6 21.8



#50

Toluene-d8

Concen: 45.492 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.006 min

Lab File: VD072606.D

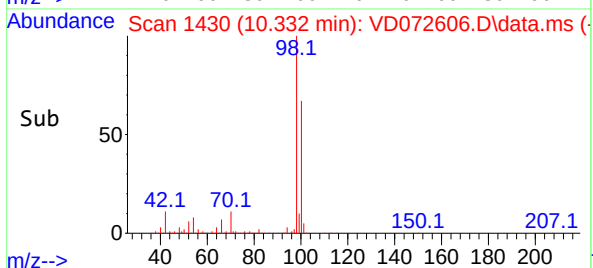
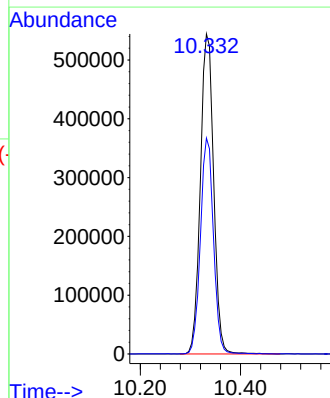
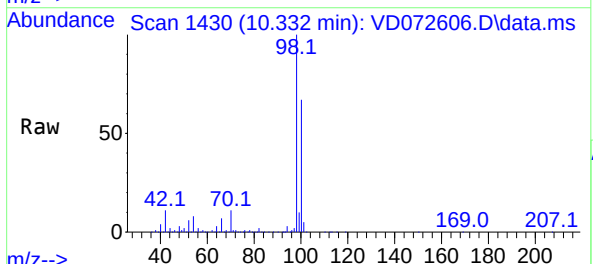
Acq: 18 Apr 2022 19:16

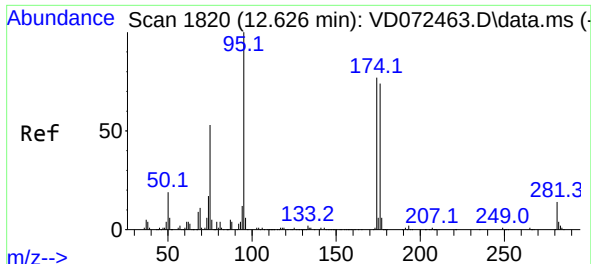
Tgt Ion: 98 Resp: 999051

Ion Ratio Lower Upper

98 100

100 66.3 52.4 78.6

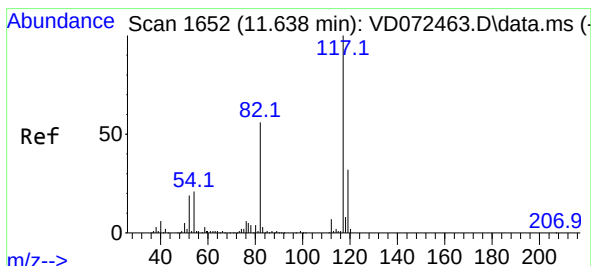
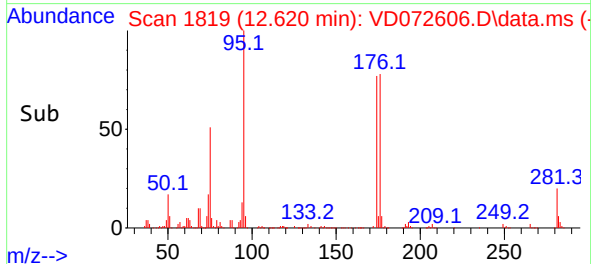
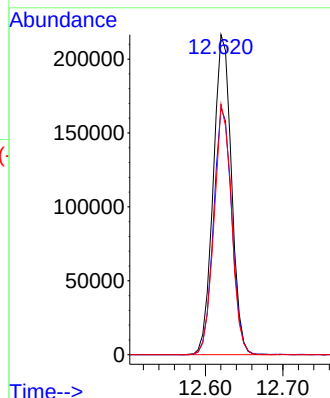
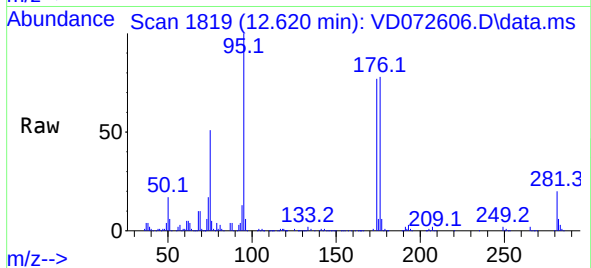




#62
4-Bromofluorobenzene
Concen: 41.118 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD072606.D
Acq: 18 Apr 2022 19:16

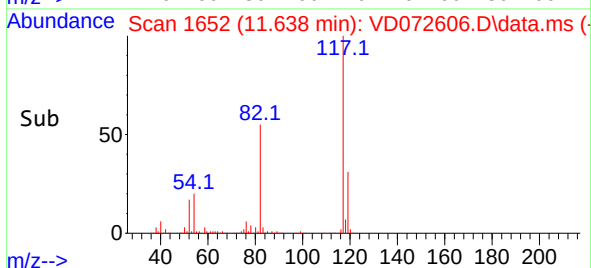
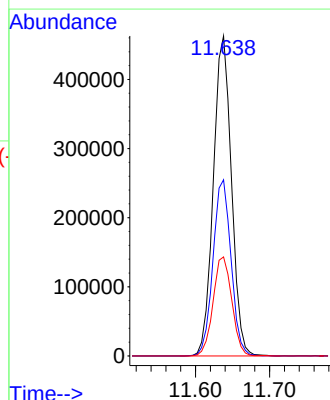
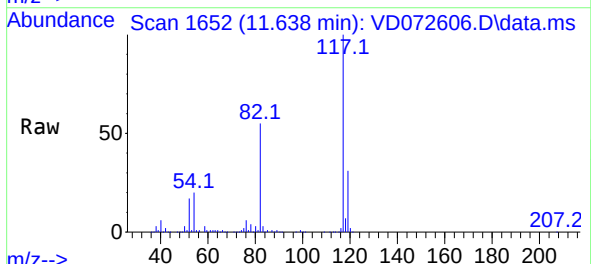
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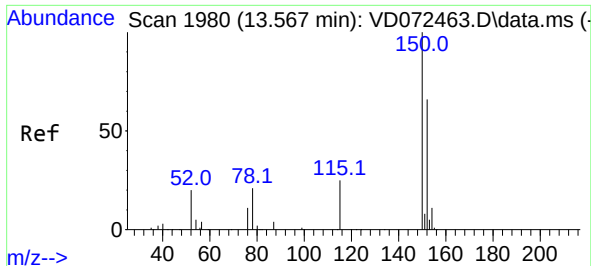
Tgt Ion: 95 Resp: 352661
Ion Ratio Lower Upper
95 100
174 77.4 0.0 152.8
176 75.4 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD072606.D
Acq: 18 Apr 2022 19:16

Tgt Ion: 117 Resp: 784164
Ion Ratio Lower Upper
117 100
82 55.1 45.3 67.9
119 30.9 26.6 40.0

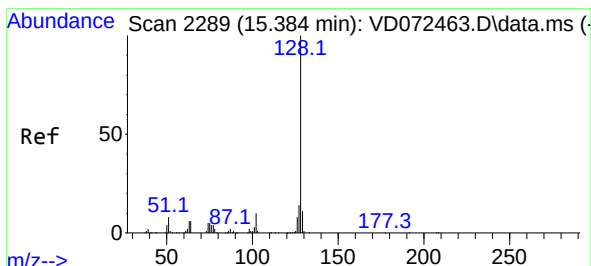
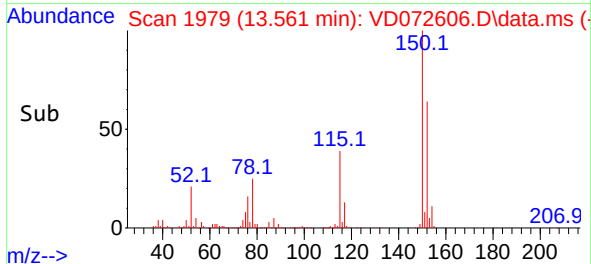
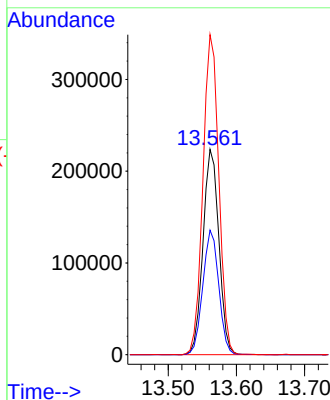
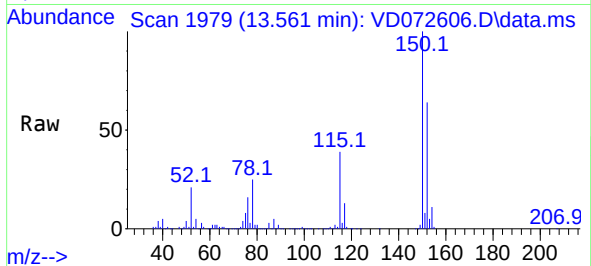




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1980
Delta R.T. -0.006 min
Lab File: VD072606.D
Acq: 18 Apr 2022 19:16

Instrument :
MSVOA_D
ClientSampleId :
SB-7

Tgt Ion:152 Resp: 362465
Ion Ratio Lower Upper
152 100
115 61.1 31.3 93.8
150 156.0 0.0 348.6



#95
Naphthalene
Concen: 34.567 ug/l
RT: 15.385 min Scan# 2289
Delta R.T. 0.000 min
Lab File: VD072606.D
Acq: 18 Apr 2022 19:16

Tgt Ion:128 Resp: 499232
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 11.4 8.4 12.6

