

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031822\
 Data File : VD072316.D
 Acq On : 19 Mar 2022 04:36
 Operator : VA/SY
 Sample : N1970-03
 Misc : 5.04G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 G-3-6-9-10

Quant Time: Mar 19 05:35:24 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)

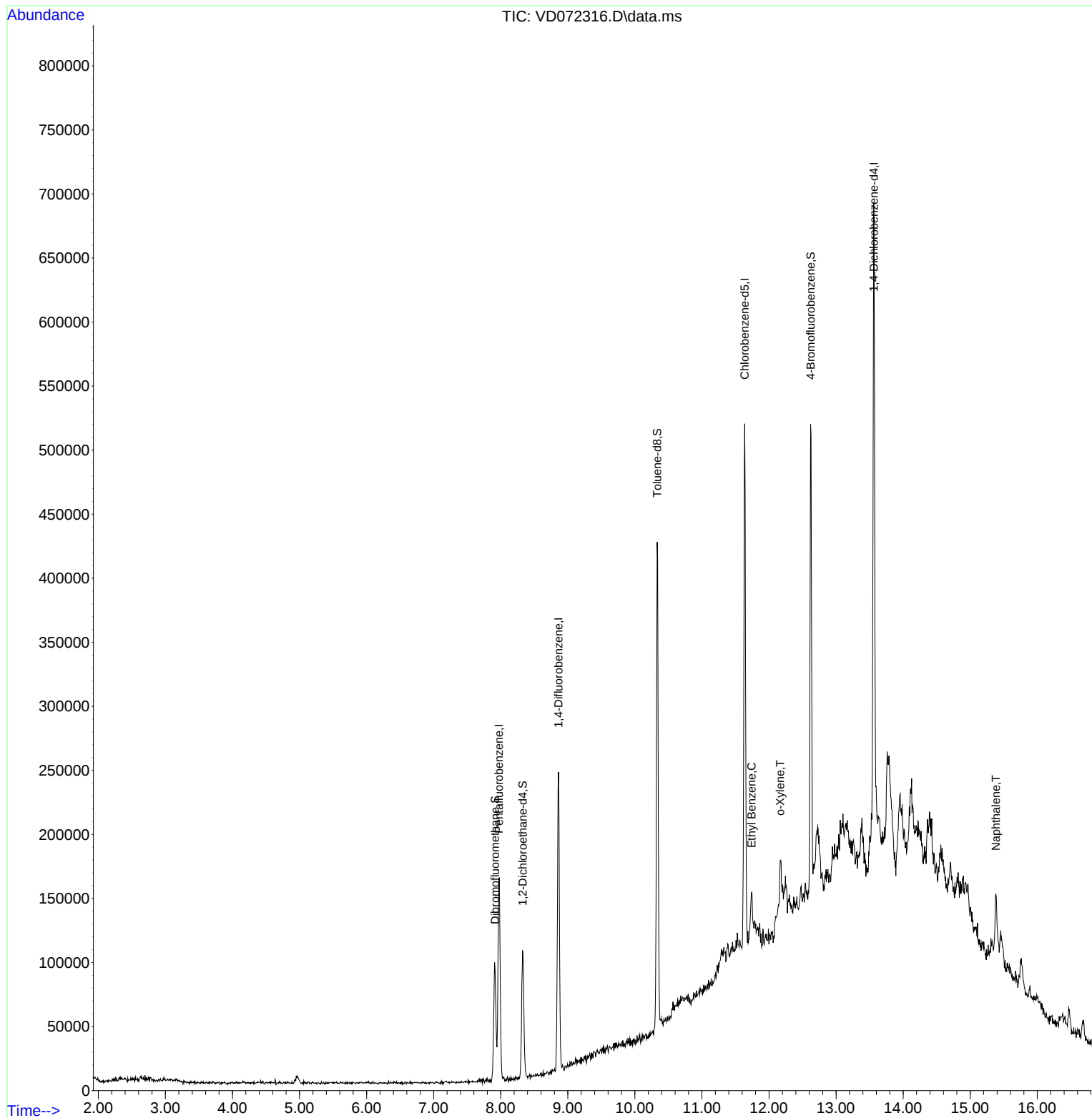
Internal Standards						
1) Pentafluorobenzene	7.973	168	115392	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	197153	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	235154	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	131056	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	79755	62.019	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 124.040%			
35) Dibromofluoromethane	7.914	113	64853	46.745	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 93.480%			
50) Toluene-d8	10.332	98	260054	51.263	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 102.520%			
62) 4-Bromofluorobenzene	12.620	95	128021	64.948	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 129.900%			
Target Compounds						Qvalue
67) Ethyl Benzene	11.738	91	27822	2.988	ug/l	99
69) o-Xylene	12.167	106	9759	2.886	ug/l	77
95) Naphthalene	15.385	128	46909	9.623	ug/l #	94

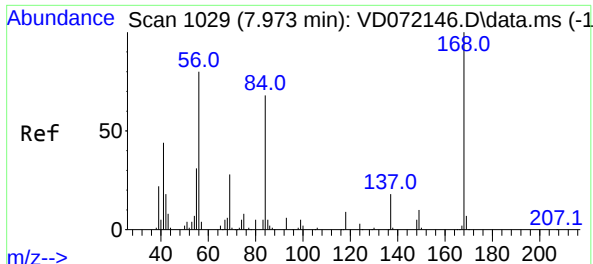
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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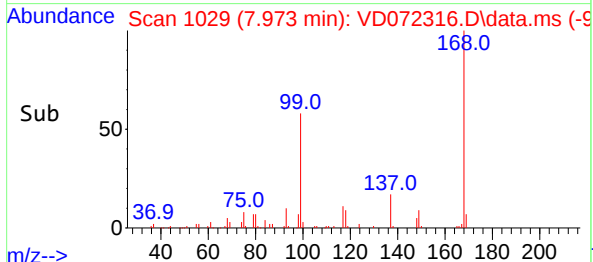
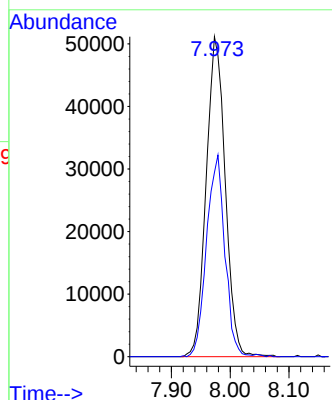
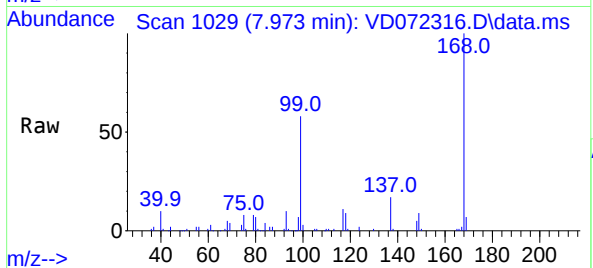




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD072316.D
Acq: 19 Mar 2022 04:36

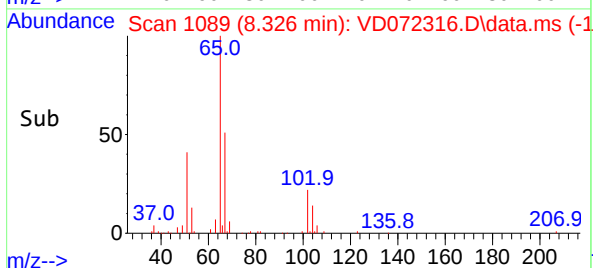
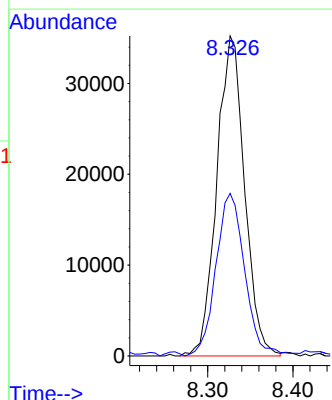
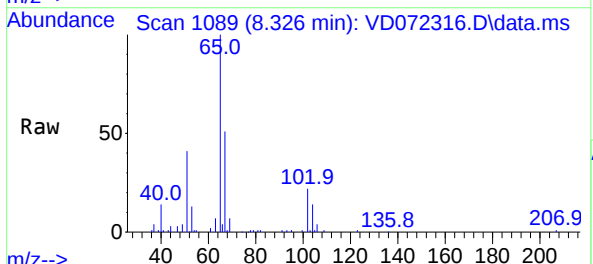
Instrument :
MSVOA_D
ClientSampleId :
G-3-6-9-10

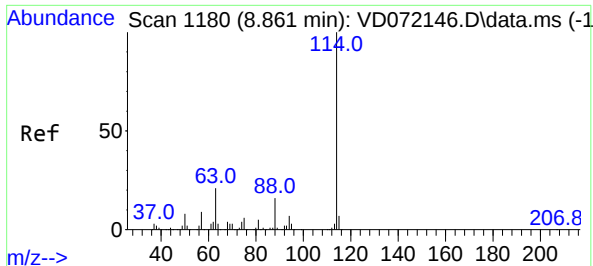
Tgt Ion:168 Resp: 115392
Ion Ratio Lower Upper
168 100
99 57.5 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 62.019 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072316.D
Acq: 19 Mar 2022 04:36

Tgt Ion: 65 Resp: 79755
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: VD072316.D

Acq: 19 Mar 2022 04:36

Instrument :

MSVOA_D

ClientSampleId :

G-3-6-9-10

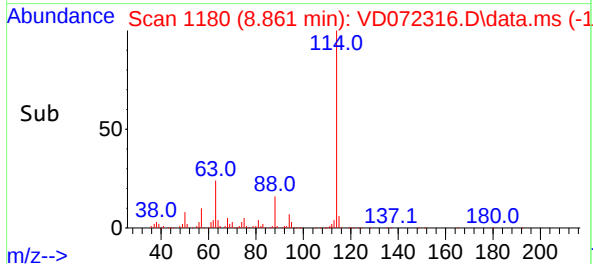
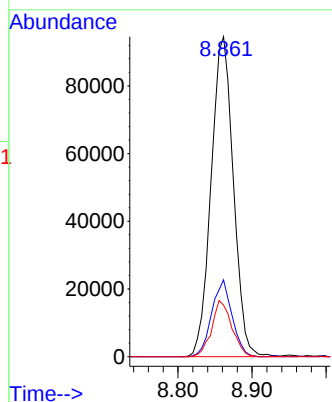
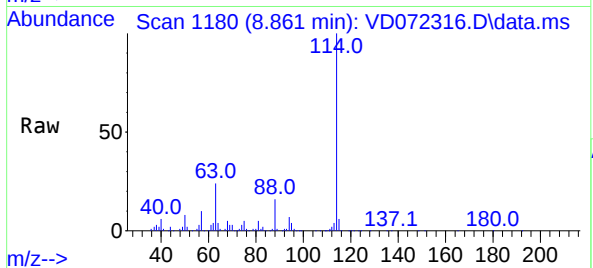
Tgt Ion:114 Resp: 197153

Ion Ratio Lower Upper

114 100

63 24.0 0.0 46.6

88 16.1 0.0 33.2



#35

Dibromofluoromethane

Concen: 46.745 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.006 min

Lab File: VD072316.D

Acq: 19 Mar 2022 04:36

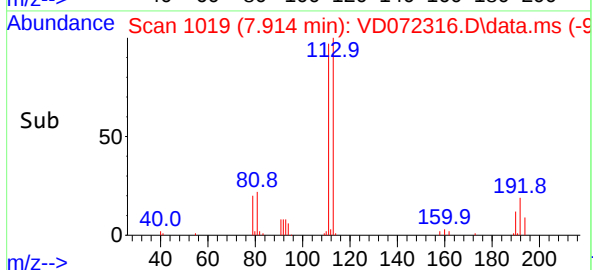
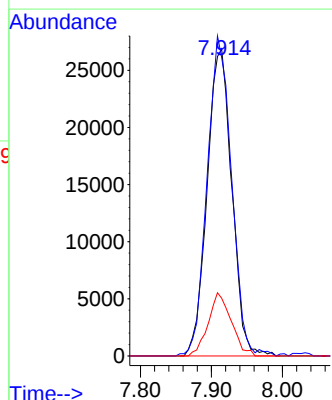
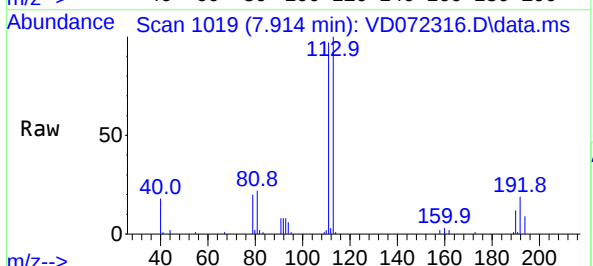
Tgt Ion:113 Resp: 64853

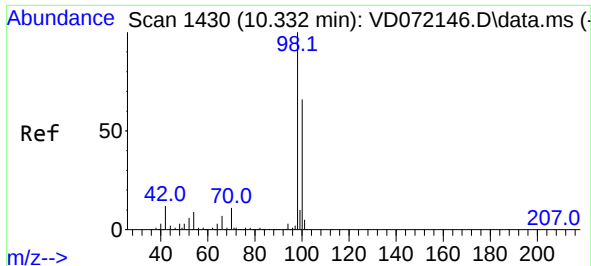
Ion Ratio Lower Upper

113 100

111 103.3 83.8 125.6

192 19.2 14.6 21.8

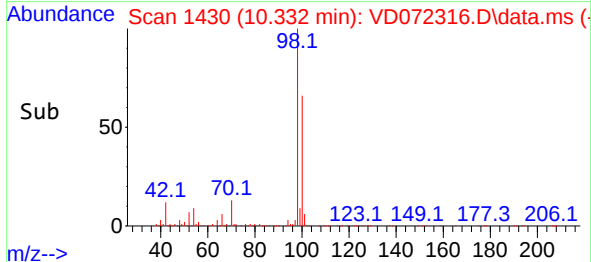
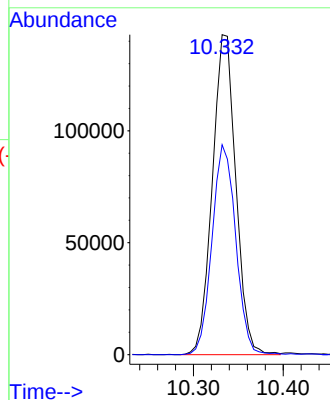
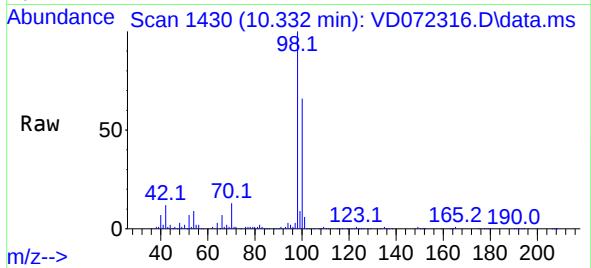




#50
Toluene-d8
Concen: 51.263 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD072316.D
Acq: 19 Mar 2022 04:36

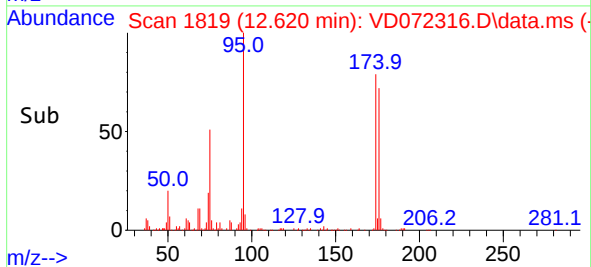
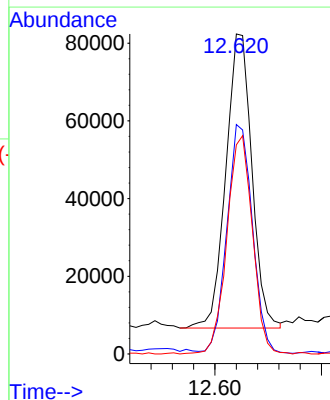
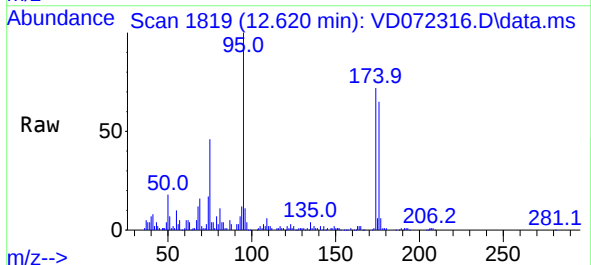
Instrument :
MSVOA_D
ClientSampleId :
G-3-6-9-10

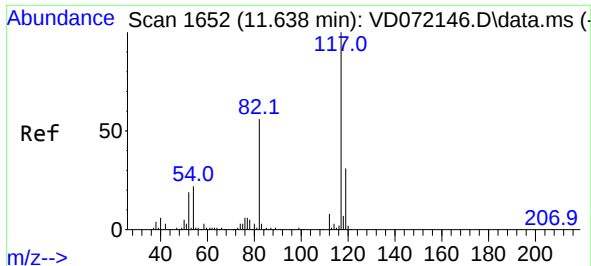
Tgt Ion: 98 Resp: 260054
Ion Ratio Lower Upper
98 100
100 66.1 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 64.948 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD072316.D
Acq: 19 Mar 2022 04:36

Tgt Ion: 95 Resp: 128021
Ion Ratio Lower Upper
95 100
174 76.5 0.0 152.8
176 72.9 0.0 145.4

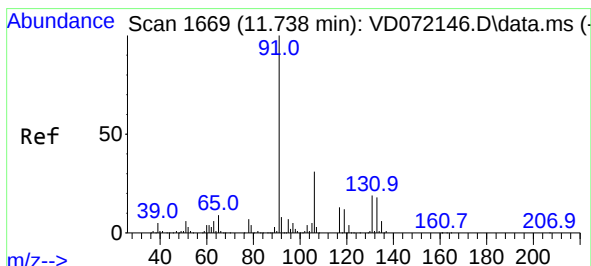
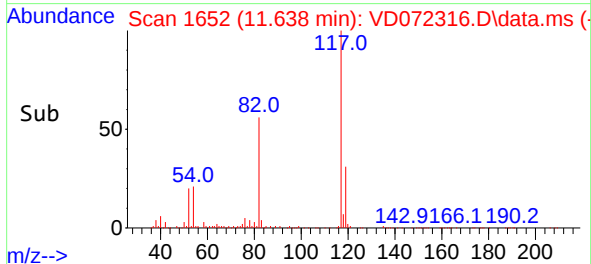
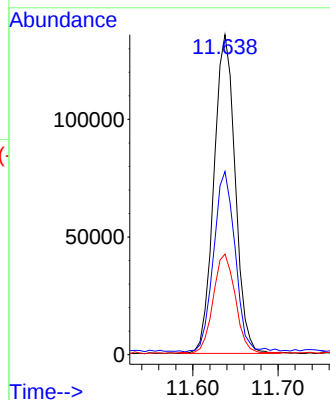
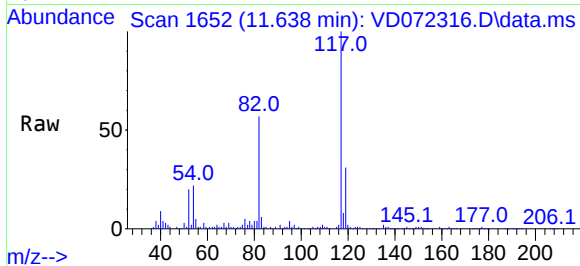




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VD072316.D
Acq: 19 Mar 2022 04:36

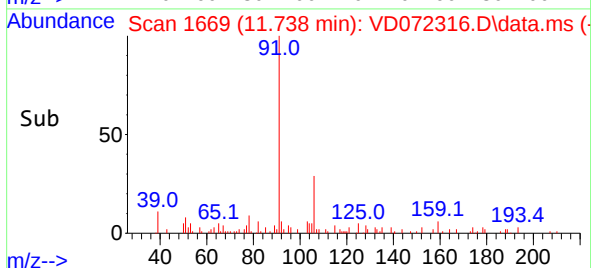
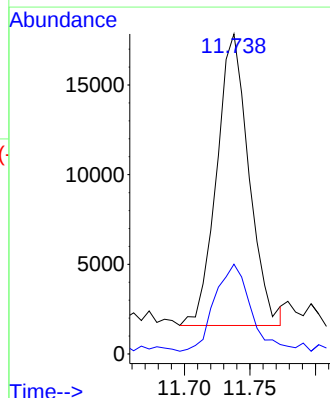
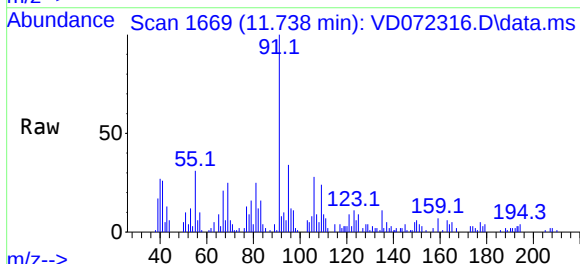
Instrument :
MSVOA_D
ClientSampleId :
G-3-6-9-10

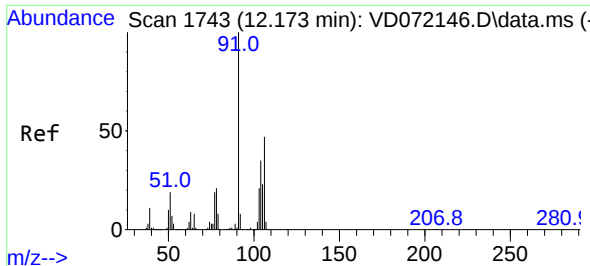
Tgt Ion:117 Resp: 235154
Ion Ratio Lower Upper
117 100
82 56.3 45.3 67.9
119 30.9 26.6 40.0



#67
Ethyl Benzene
Concen: 2.988 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VD072316.D
Acq: 19 Mar 2022 04:36

Tgt Ion: 91 Resp: 27822
Ion Ratio Lower Upper
91 100
106 29.8 24.2 36.4

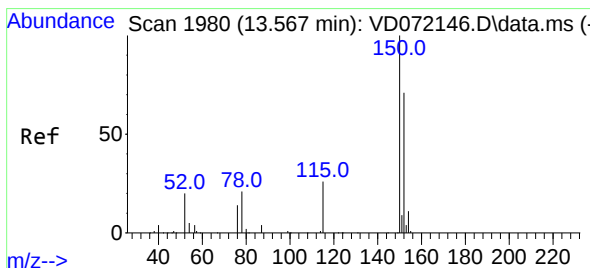
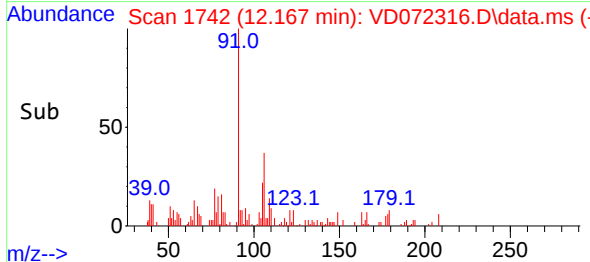
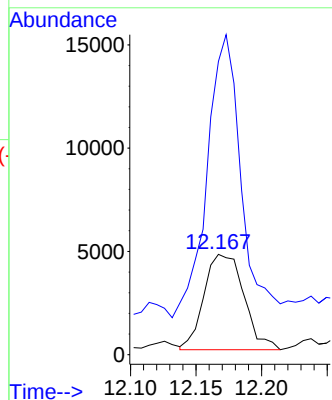
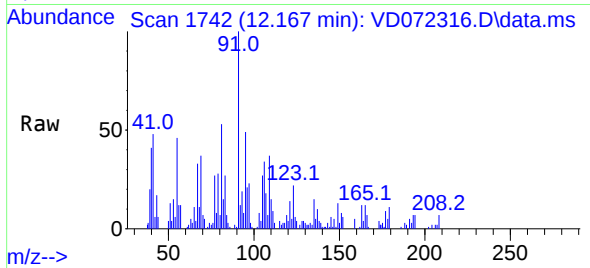




#69
o-Xylene
Concen: 2.886 ug/l
RT: 12.167 min Scan# 1742
Delta R.T. -0.006 min
Lab File: VD072316.D
Acq: 19 Mar 2022 04:36

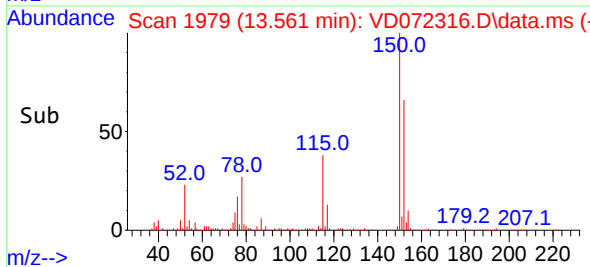
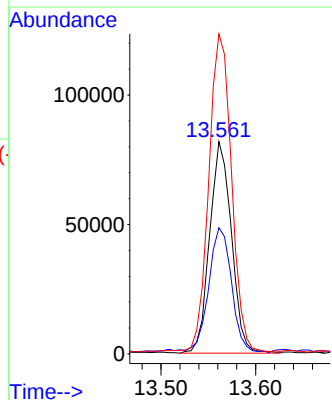
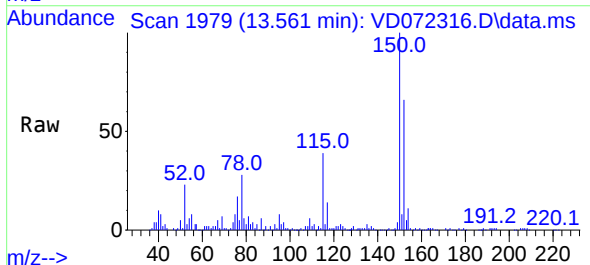
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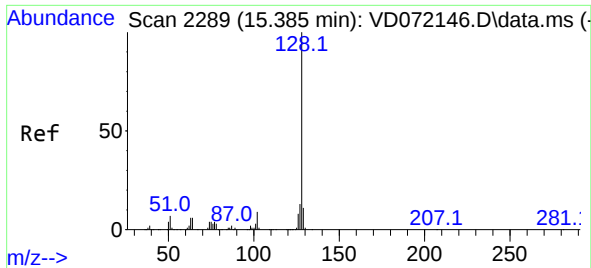
Tgt Ion:106 Resp: 9759
Ion Ratio Lower Upper
106 100
91 258.4 110.4 331.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD072316.D
Acq: 19 Mar 2022 04:36

Tgt Ion:152 Resp: 131056
Ion Ratio Lower Upper
152 100
115 61.9 31.3 93.8
150 156.2 0.0 348.6





#95
Naphthalene
Concen: 9.623 ug/l
RT: 15.385 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD072316.D
Acq: 19 Mar 2022 04:36

Instrument :
MSVOA_D
ClientSampleId :
G-3-6-9-10

Tgt Ion:128 Resp: 46909
Ion Ratio Lower Upper
128 100
127 13.4 10.3 15.5
129 14.9 8.4 12.6#

