

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011322\
 Data File : VD071713.D
 Acq On : 13 Jan 2022 16:45
 Operator : VA/SY
 Sample : N1097-04
 Misc : 4.90G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1D

Quant Time: Jan 14 04:06:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010722S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 07 15:39:14 2022
 Response via : Initial Calibration

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

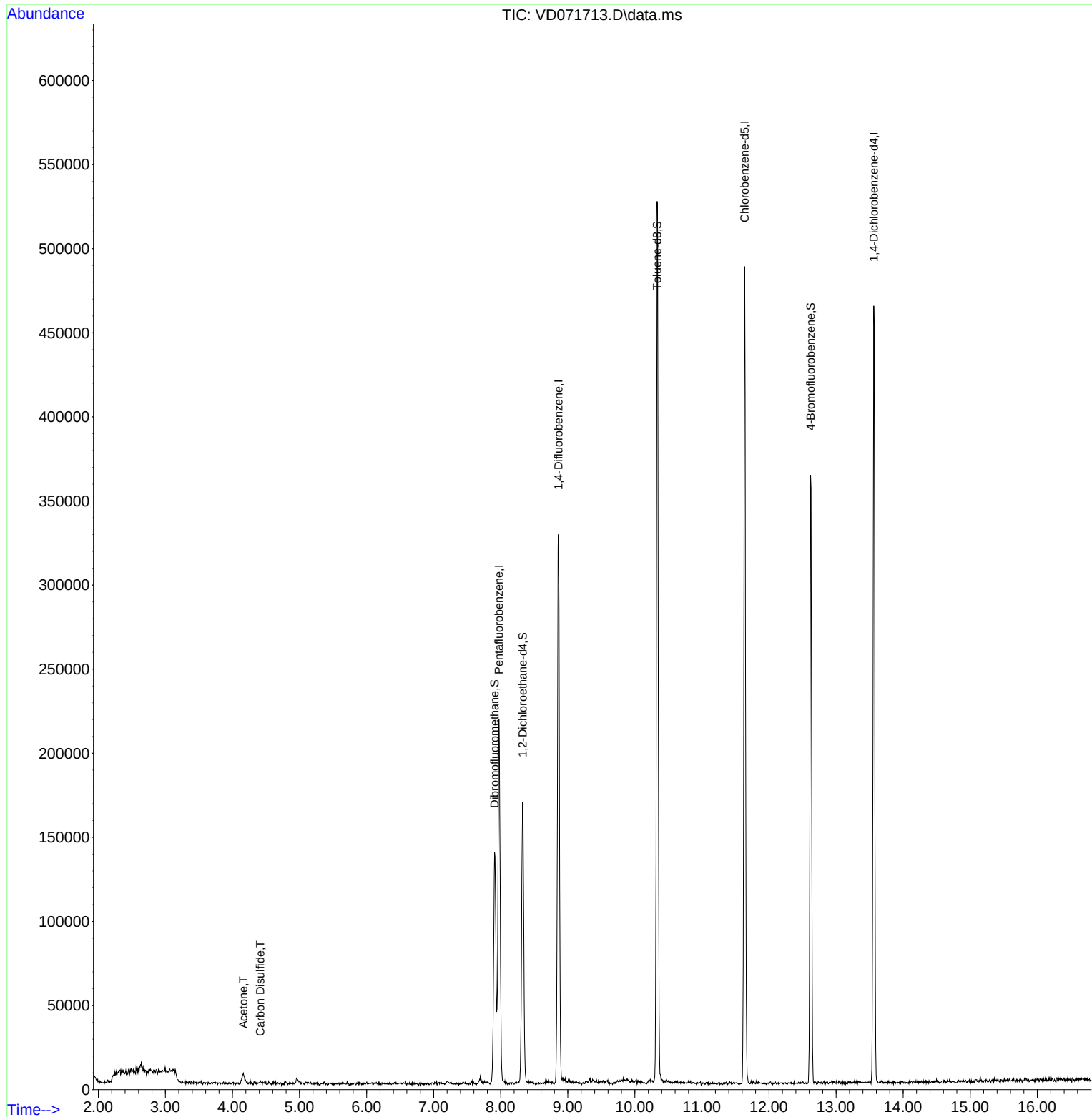
Internal Standards						
1) Pentafluorobenzene	7.973	168	143479	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	258975	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	252938	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	114562	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	134997	73.123	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	146.240%
35) Dibromofluoromethane	7.909	113	96662	56.478	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.960%
50) Toluene-d8	10.332	98	337235	52.638	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.280%
62) 4-Bromofluorobenzene	12.620	95	115336	51.089	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.180%
Target Compounds						Qvalue
16) Acetone	4.162	43	10688	25.075	ug/l	95
17) Carbon Disulfide	4.415	76	2190	1.148	ug/l #	74

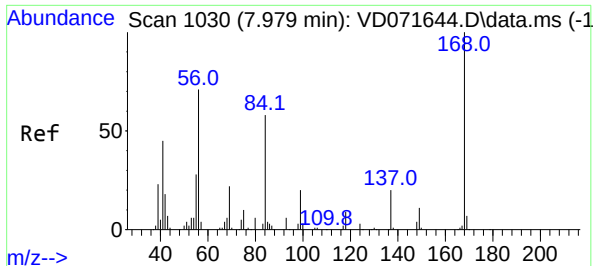
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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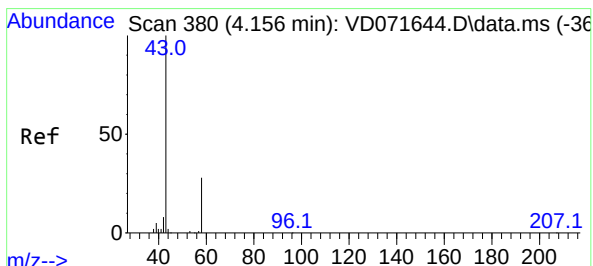
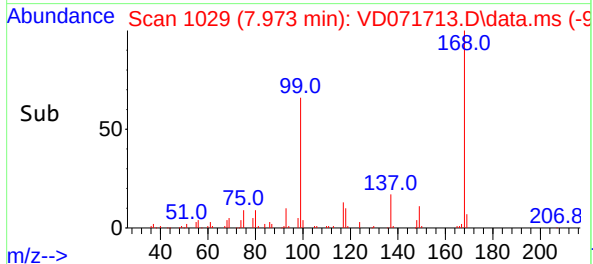
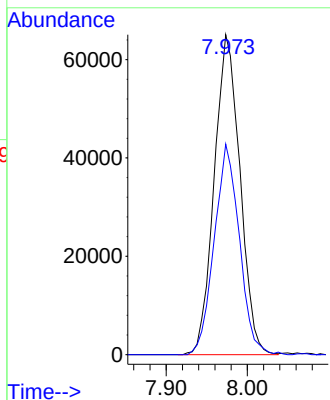
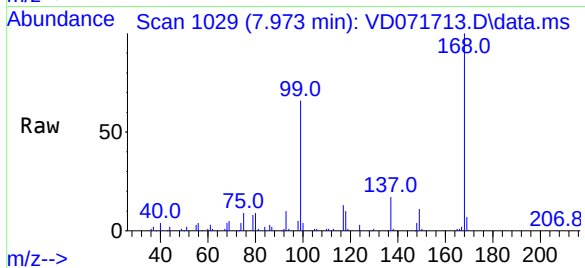




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 10
Delta R.T. -0.006 min
Lab File: VD071713.D
Acq: 13 Jan 2022 16:45

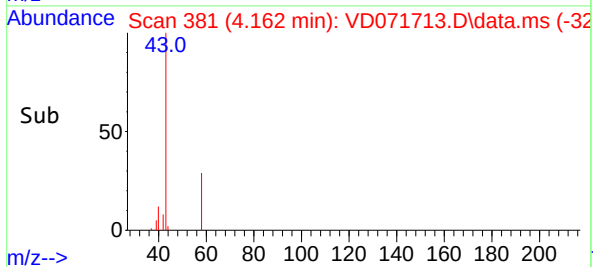
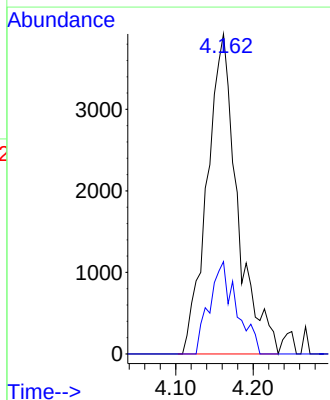
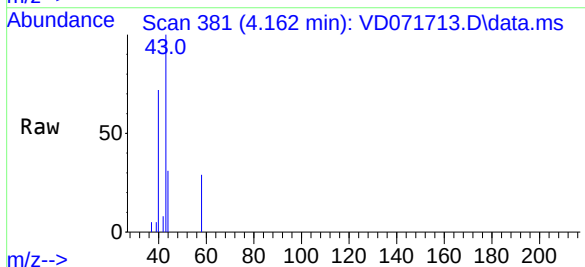
Instrument :
MSVOA_D
ClientSampleId :
TP-1D

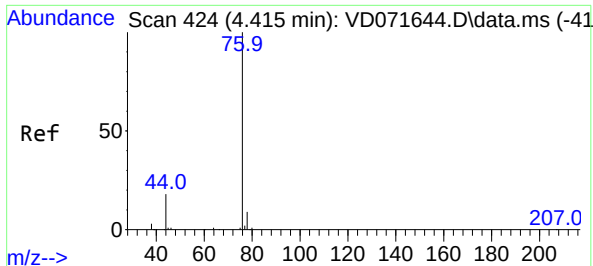
Tgt Ion:168 Resp: 143479
Ion Ratio Lower Upper
168 100
99 65.8 51.8 77.6



#16
Acetone
Concen: 25.075 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.007 min
Lab File: VD071713.D
Acq: 13 Jan 2022 16:45

Tgt Ion: 43 Resp: 10688
Ion Ratio Lower Upper
43 100
58 28.8 21.0 31.6

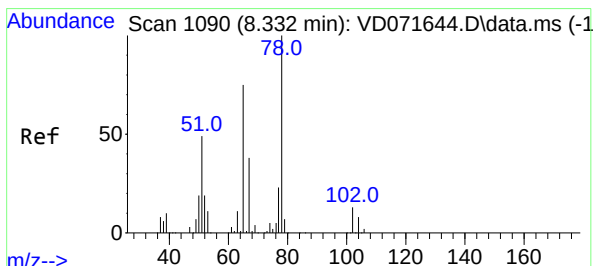
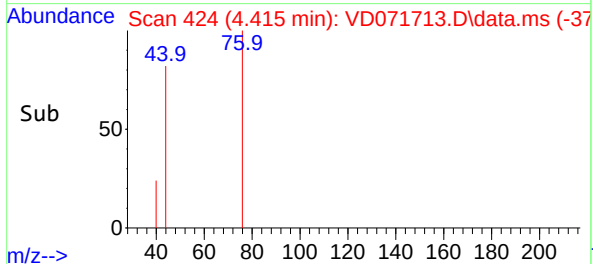
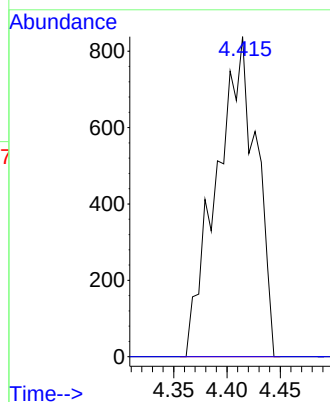
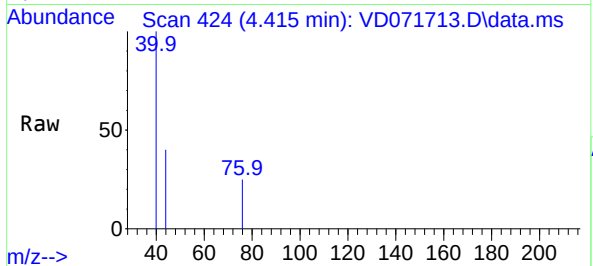




#17
Carbon Disulfide
Concen: 1.148 ug/l
RT: 4.415 min Scan# 41
Delta R.T. 0.001 min
Lab File: VD071713.D
Acq: 13 Jan 2022 16:45

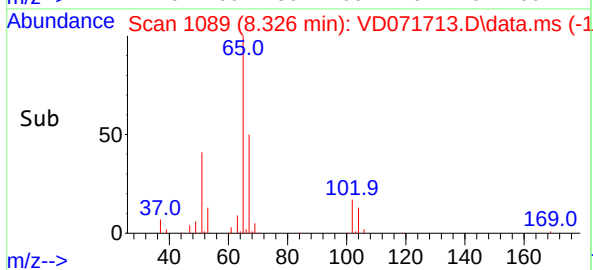
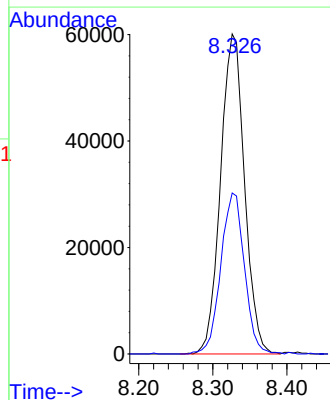
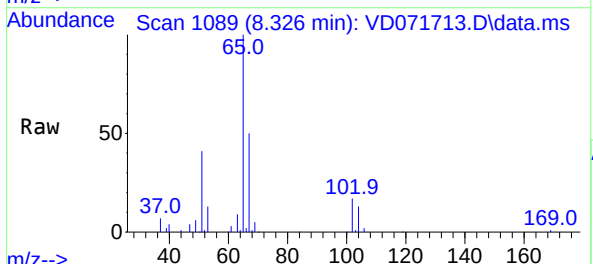
Instrument :
MSVOA_D
ClientSampleId :
TP-1D

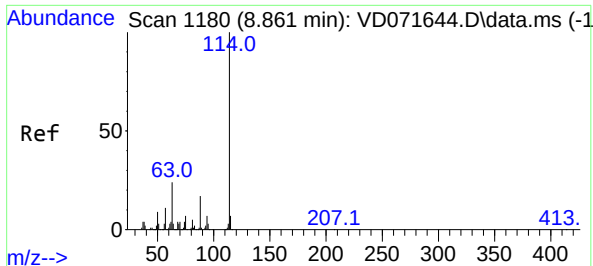
Tgt Ion: 76 Resp: 2190
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.2#



#33
1,2-Dichloroethane-d4
Concen: 73.123 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD071713.D
Acq: 13 Jan 2022 16:45

Tgt Ion: 65 Resp: 134997
Ion Ratio Lower Upper
65 100
67 49.6 0.0 101.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. -0.006 min

Lab File: VD071713.D

Acq: 13 Jan 2022 16:45

Instrument :

MSVOA_D

ClientSampleId :

TP-1D

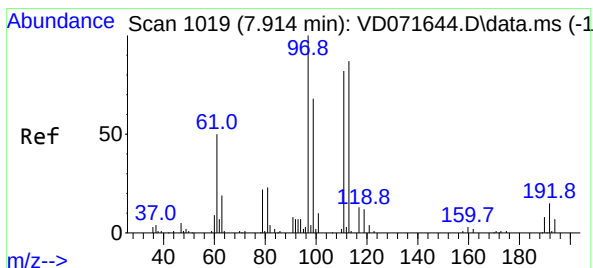
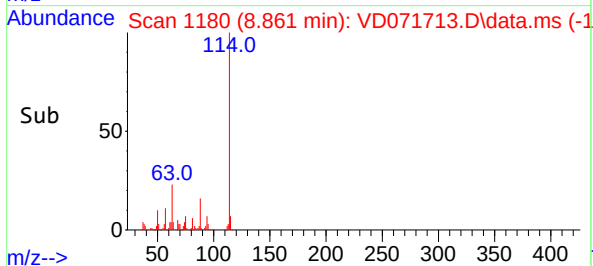
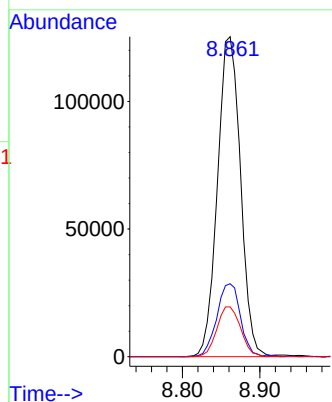
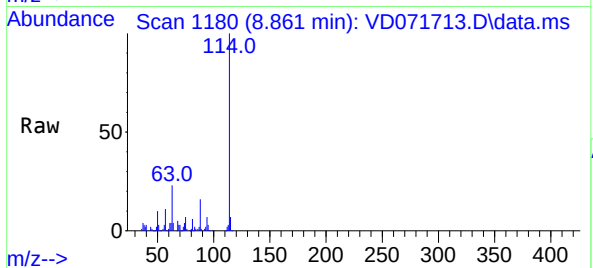
Tgt Ion:114 Resp: 258975

Ion Ratio Lower Upper

114 100

63 22.8 0.0 46.2

88 15.6 0.0 32.0



#35

Dibromofluoromethane

Concen: 56.478 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. -0.005 min

Lab File: VD071713.D

Acq: 13 Jan 2022 16:45

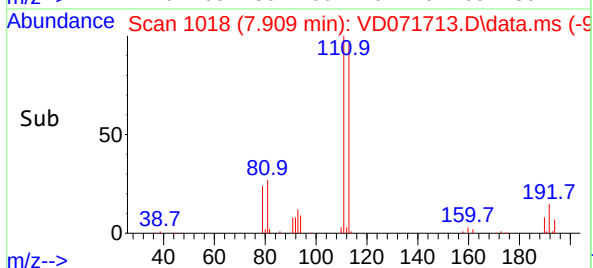
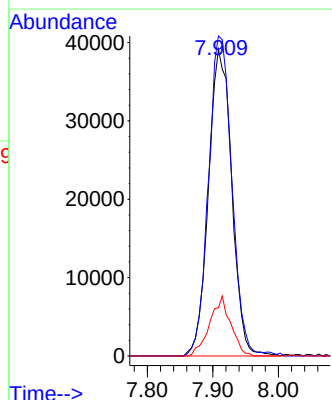
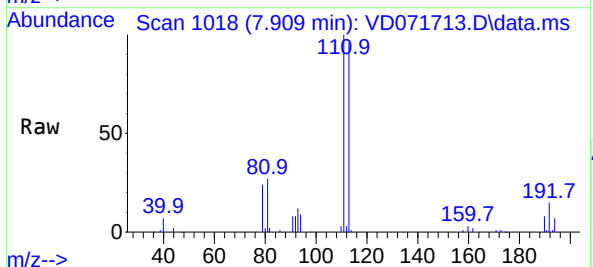
Tgt Ion:113 Resp: 96662

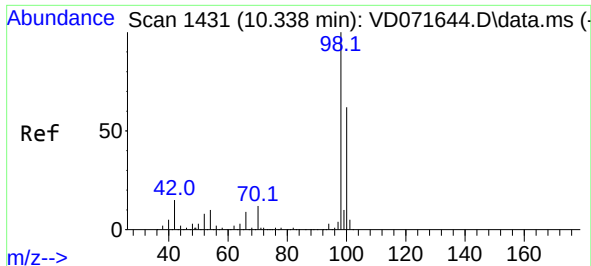
Ion Ratio Lower Upper

113 100

111 104.7 82.2 123.4

192 17.6 14.2 21.2

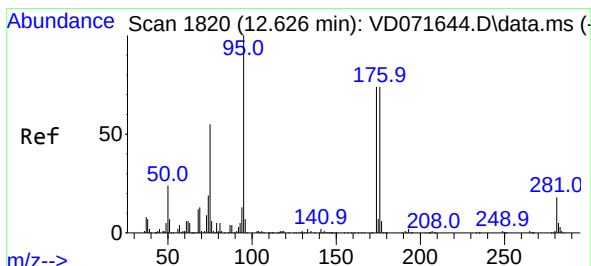
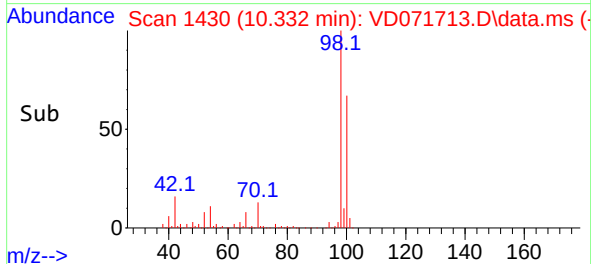
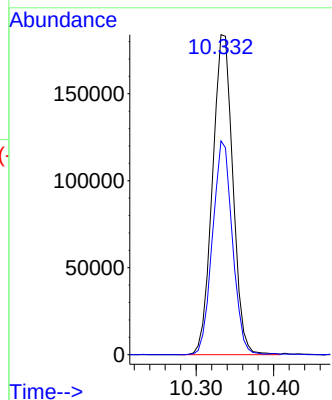
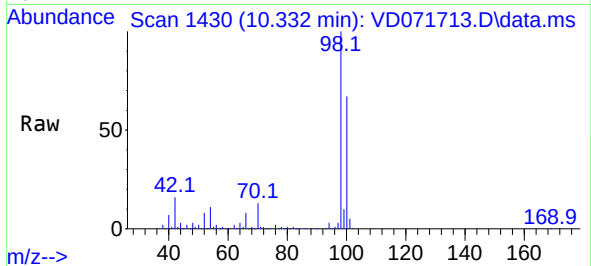




#50
Toluene-d8
Concen: 52.638 ug/l
RT: 10.332 min Scan# 1431
Delta R.T. -0.005 min
Lab File: VD071713.D
Acq: 13 Jan 2022 16:45

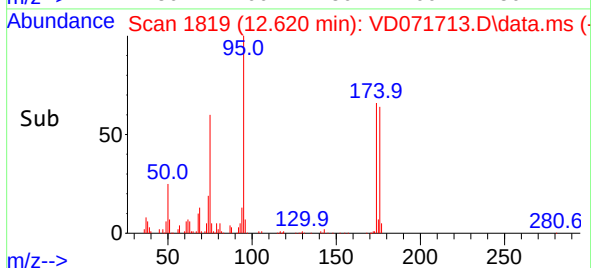
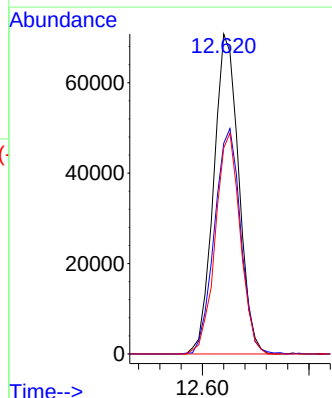
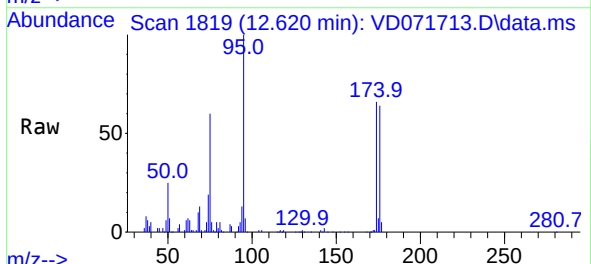
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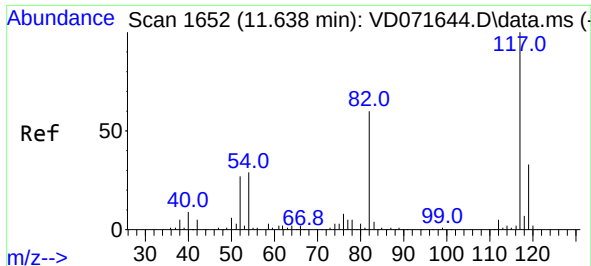
Tgt Ion: 98 Resp: 337235
Ion Ratio Lower Upper
98 100
100 65.1 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 51.089 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD071713.D
Acq: 13 Jan 2022 16:45

Tgt Ion: 95 Resp: 115336
Ion Ratio Lower Upper
95 100
174 73.9 0.0 150.0
176 68.5 0.0 146.4

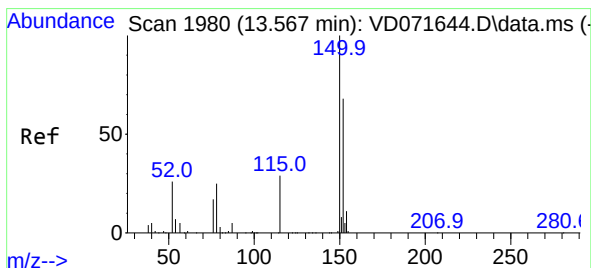
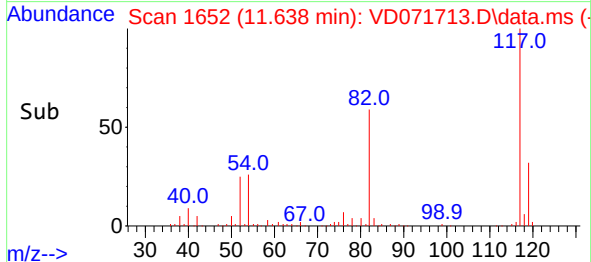
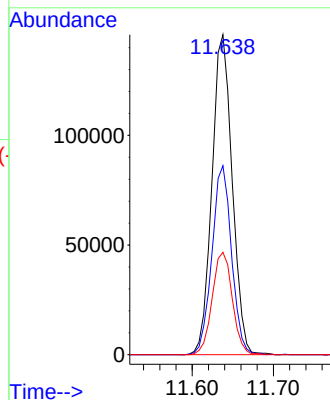
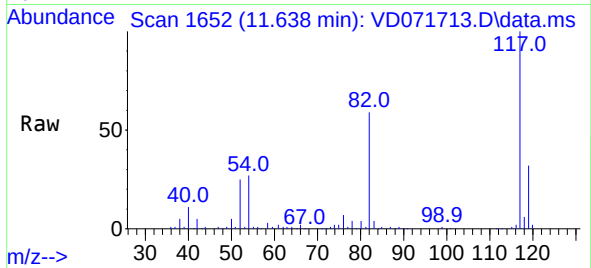




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. 0.001 min
Lab File: VD071713.D
Acq: 13 Jan 2022 16:45

Instrument :
MSVOA_D
ClientSampleId :
TP-1D

Tgt Ion:117 Resp: 252938
Ion Ratio Lower Upper
117 100
82 59.0 46.9 70.3
119 32.0 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD071713.D
Acq: 13 Jan 2022 16:45

Tgt Ion:152 Resp: 114562
Ion Ratio Lower Upper
152 100
115 57.7 31.5 94.5
150 155.2 0.0 348.0

