

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051322\
 Data File : VD073026.D
 Acq On : 14 May 2022 09:36
 Operator : VA/SY
 Sample : N2823-12
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SC-12

Quant Time: May 16 05:22:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 08:33:49 2022
 Response via : Initial Calibration

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

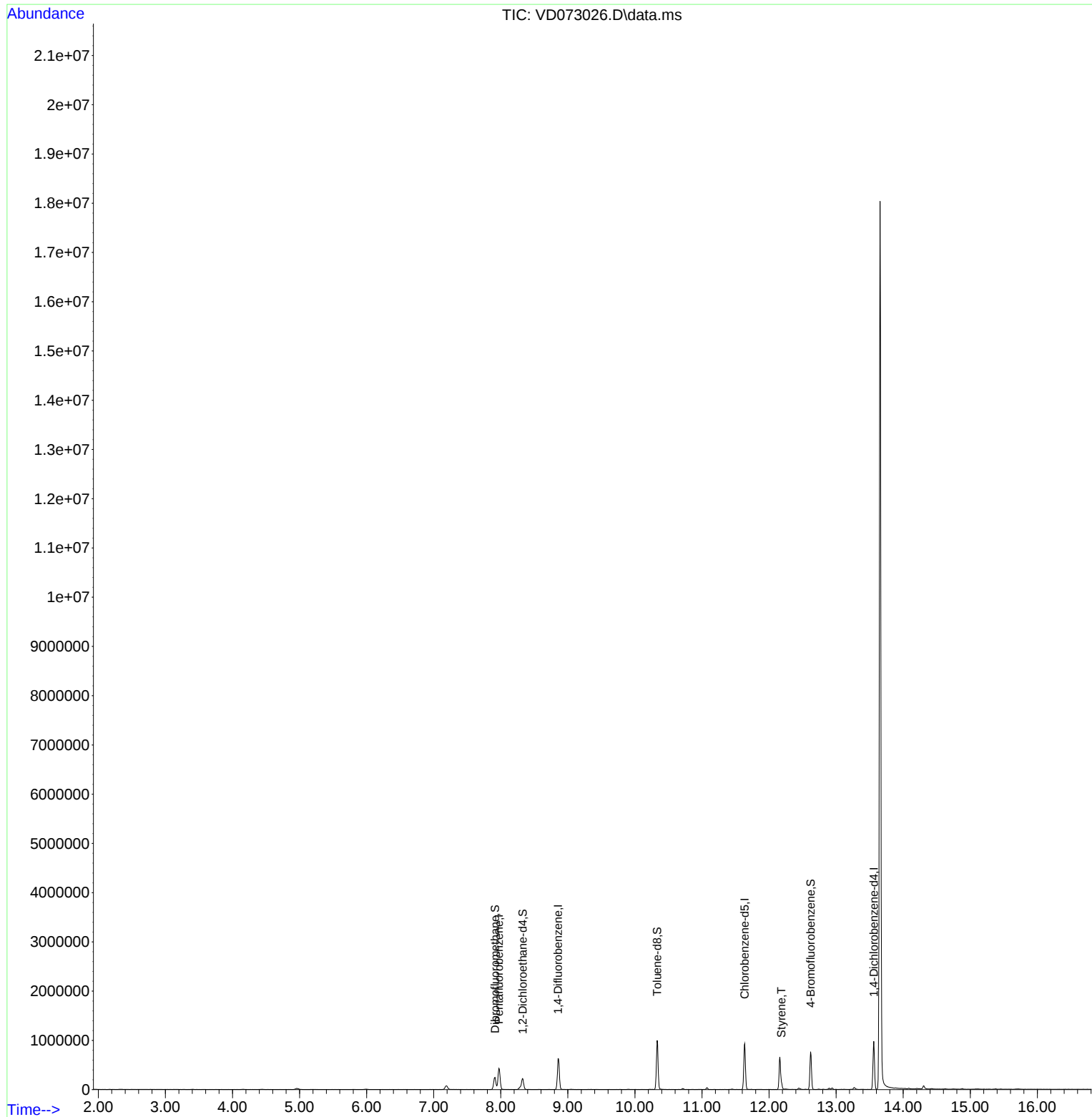
Internal Standards						
1) Pentafluorobenzene	7.973	168	303037	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	542708	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	539354	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	250346	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	172288	43.798	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	87.600%
35) Dibromofluoromethane	7.914	113	182276	47.823	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.640%
50) Toluene-d8	10.332	98	660610	48.318	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.640%
62) 4-Bromofluorobenzene	12.620	95	252482	49.526	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.060%
Target Compounds						
					Qvalue	
70) Styrene	12.185	104	54076	4.018	ug/l	88

(#) = 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. -0.006 min

Lab File: VD073026.D

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Instrument :

MSVOA_D

ClientSampleId :

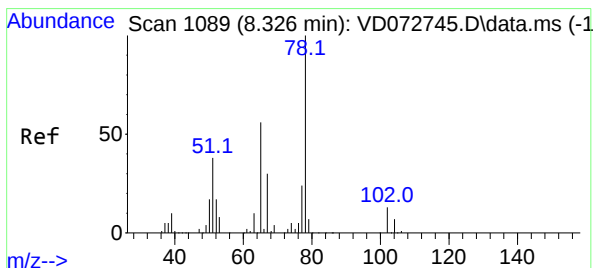
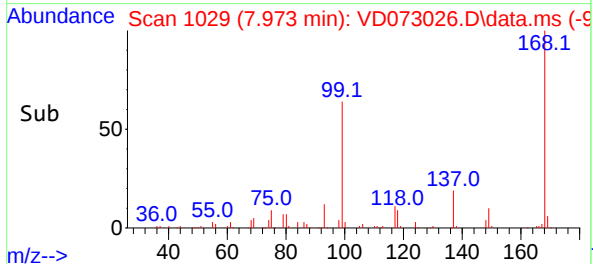
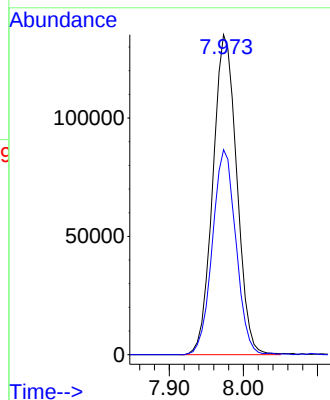
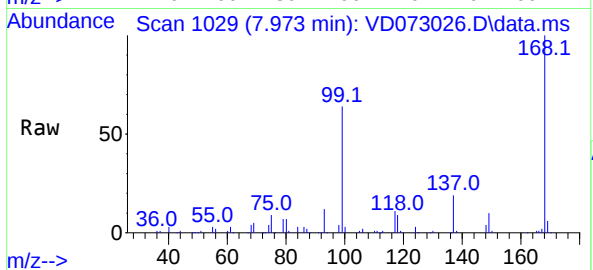
SC-12

Tgt Ion:168 Resp: 303037

Ion Ratio Lower Upper

168 100

99 64.1 49.8 74.6



#33

1,2-Dichloroethane-d4

Concen: 43.798 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD073026.D

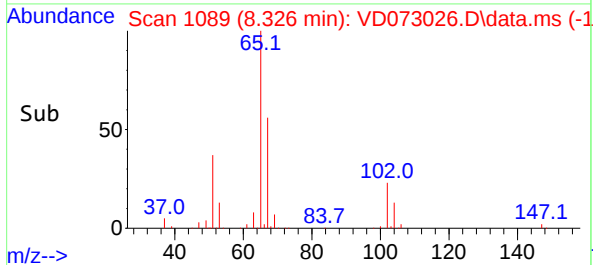
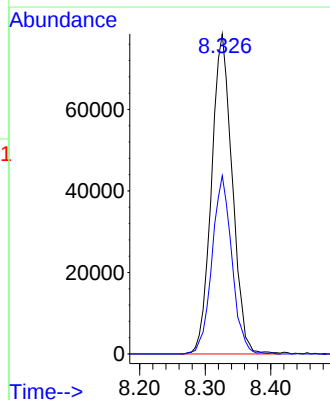
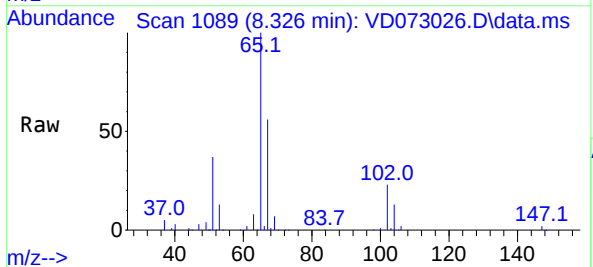
Acq: 14 May 2022 09:36

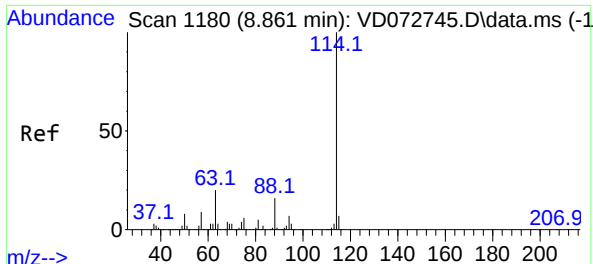
Tgt Ion: 65 Resp: 172288

Ion Ratio Lower Upper

65 100

67 53.4 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1180

Delta R.T. -0.006 min

Lab File: VD073026.D

Acq: 14 May 2022 09:36

Instrument :

MSVOA_D

ClientSampleId :

SC-12

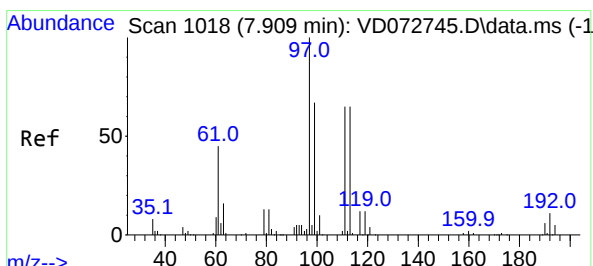
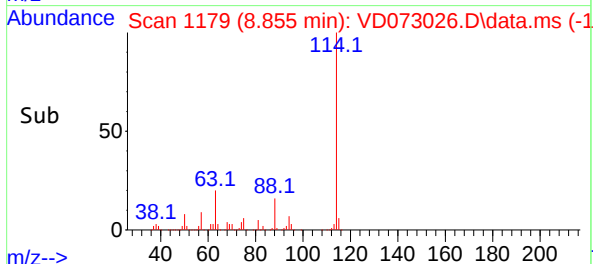
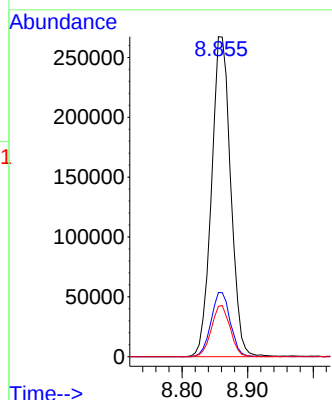
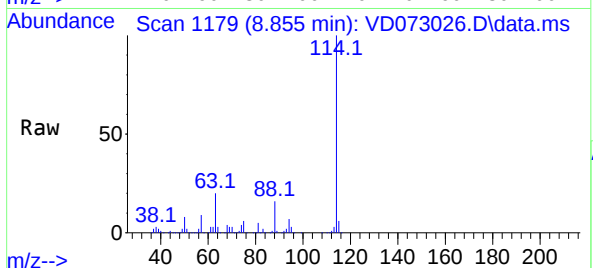
Tgt Ion:114 Resp: 542708

Ion Ratio Lower Upper

114 100

63 20.1 0.0 46.6

88 15.7 0.0 33.2



#35

Dibromofluoromethane

Concen: 47.823 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.005 min

Lab File: VD073026.D

Acq: 14 May 2022 09:36

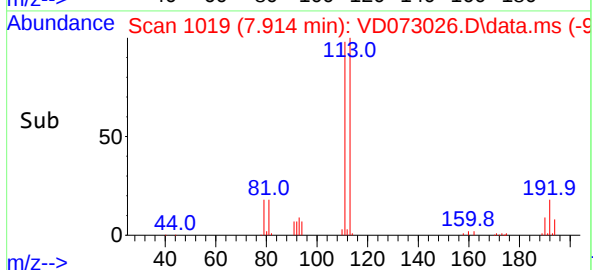
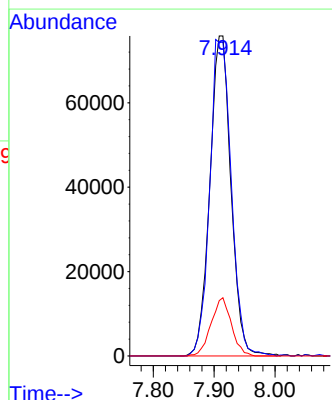
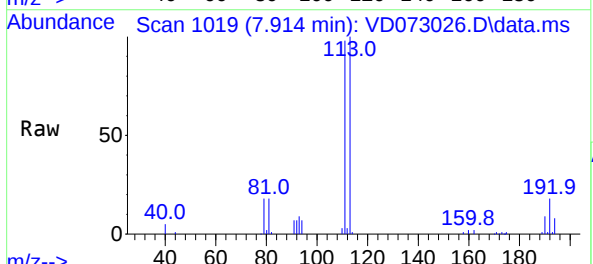
Tgt Ion:113 Resp: 182276

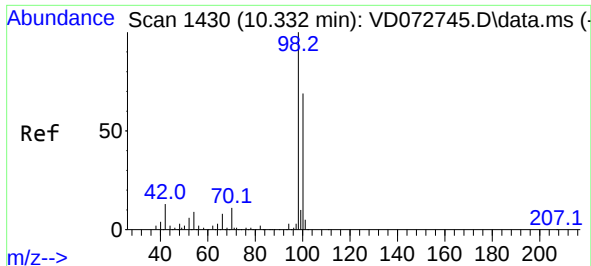
Ion Ratio Lower Upper

113 100

111 101.2 83.8 125.6

192 17.6 14.6 21.8

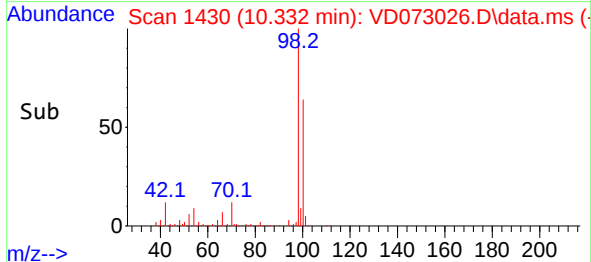
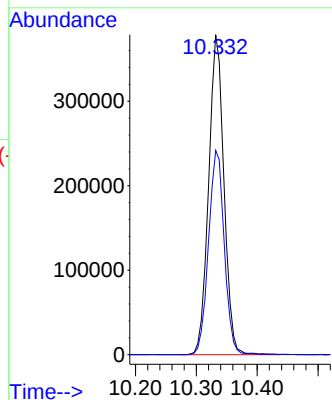
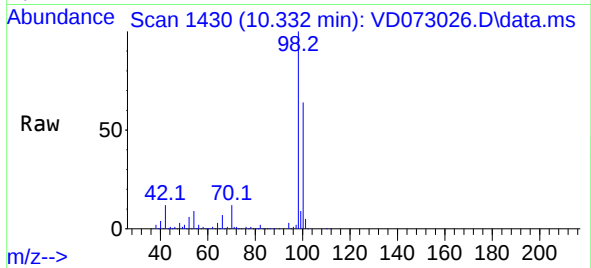




#50
Toluene-d8
Concen: 48.318 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073026.D
Acq: 14 May 2022 09:36

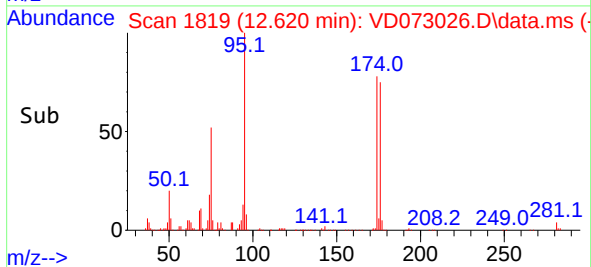
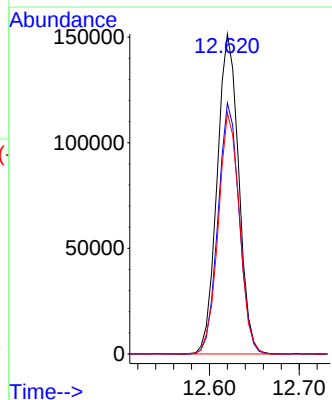
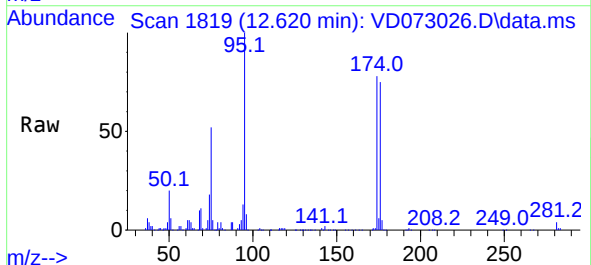
Instrument :
MSVOA_D
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SC-12

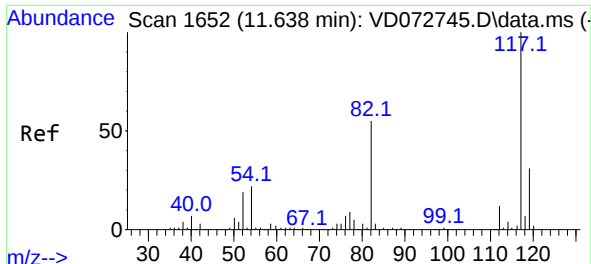
Tgt Ion: 98 Resp: 660610
Ion Ratio Lower Upper
98 100
100 65.6 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 49.526 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073026.D
Acq: 14 May 2022 09:36

Tgt Ion: 95 Resp: 252482
Ion Ratio Lower Upper
95 100
174 76.9 0.0 152.8
176 74.0 0.0 145.4

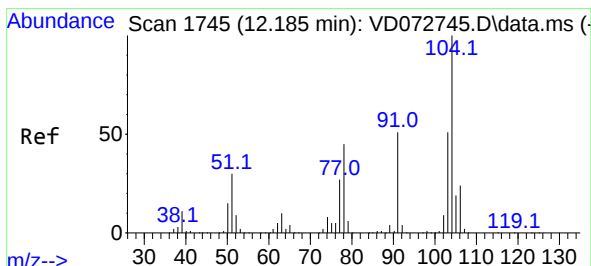
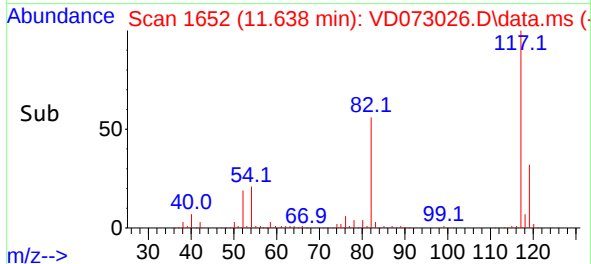
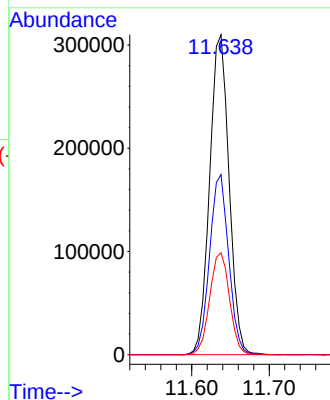
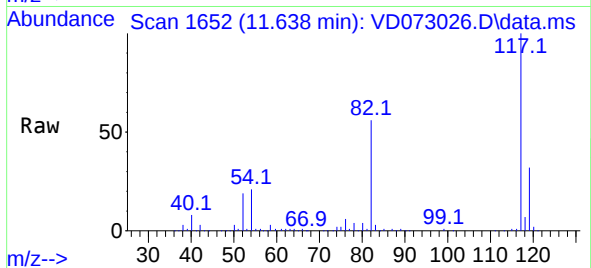




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD073026.D
Acq: 14 May 2022 09:36

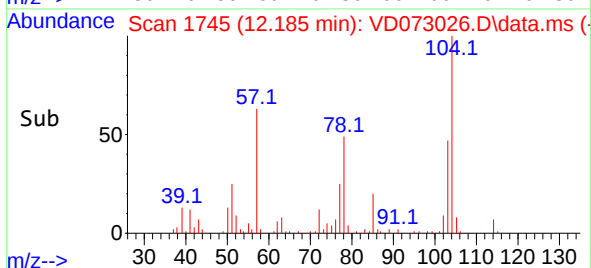
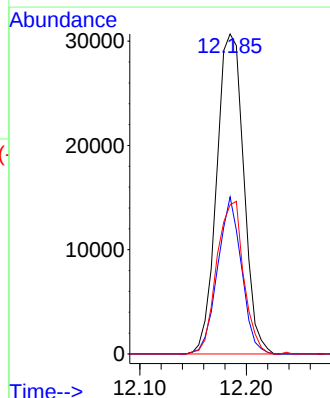
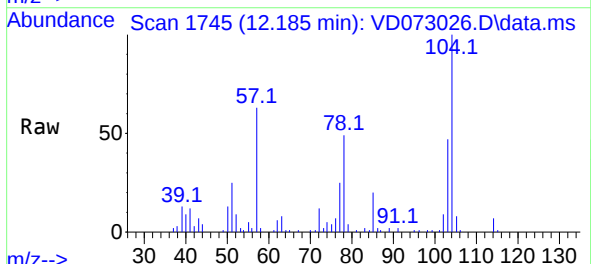
Instrument :
MSVOA_D
ClientSampleId :
SC-12

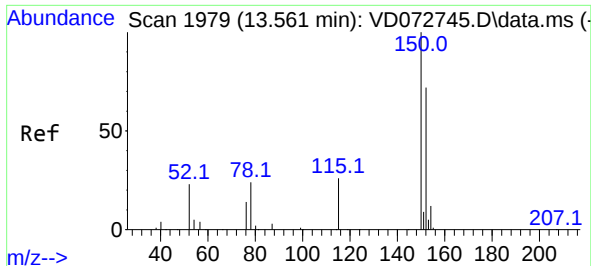
Tgt Ion:117 Resp: 539354
Ion Ratio Lower Upper
117 100
82 56.3 45.3 67.9
119 31.9 26.6 40.0



#70
Styrene
Concen: 4.018 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. -0.000 min
Lab File: VD073026.D
Acq: 14 May 2022 09:36

Tgt Ion:104 Resp: 54076
Ion Ratio Lower Upper
104 100
78 43.3 41.8 62.8
103 47.3 44.2 66.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.561 min Scan# 1979

Delta R.T. 0.000 min

Lab File: VD073026.D

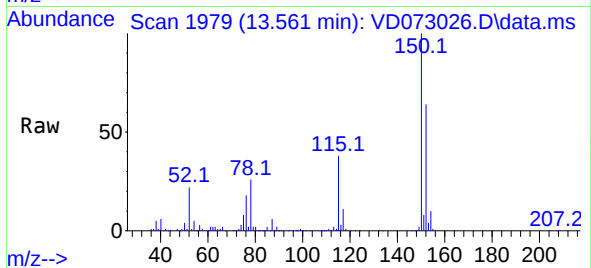
Acq: 14 May 2022 09:36

Instrument :

MSVOA_D

ClientSampleId :

SC-12



Tgt Ion:152 Resp: 250346

Ion Ratio Lower Upper

152 100

115 60.1 31.3 93.8

150 159.6 0.0 348.6

