

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070522\
 Data File : VD073784.D
 Acq On : 05 Jul 2022 20:05
 Operator : VA/SY
 Sample : N3562-10
 Misc : 7.46G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-11B

Quant Time: Jul 06 02:52:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D063022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 05 10:05:34 2022
 Response via : Initial Calibration

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

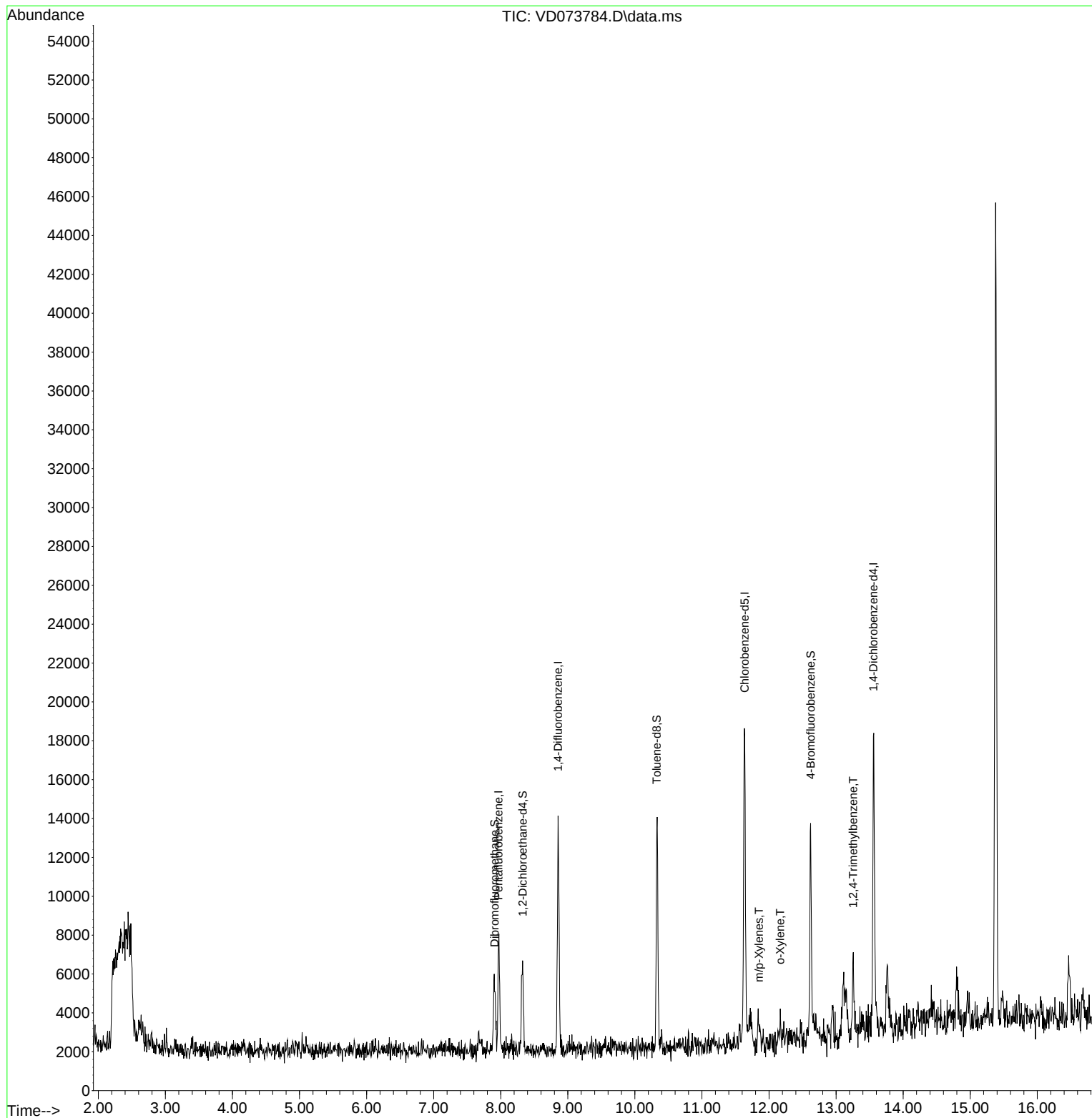
Internal Standards						
1) Pentafluorobenzene	7.967	168	3800	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	9794	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	8467	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	3410	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	3648	98.408	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 196.820%#	
35) Dibromofluoromethane	7.909	113	2924	54.957	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.920%	
50) Toluene-d8	10.326	98	7901	40.483	ug/l	0.00
Spiked Amount	50.000	Range	78 - 12	Recovery	= 80.960%#	
62) 4-Bromofluorobenzene	12.620	95	3890	50.534	ug/l	0.00
Spiked Amount	50.000	Range	50 - 14	Recovery	= 101.060%#	
Target Compounds						
						Qvalue
68) m/p-Xylenes	11.850	106	450m	4.121	ug/l	
69) o-Xylene	12.167	106	435	4.070	ug/l	100
84) 1,2,4-Trimethylbenzene	13.255	105	2652m	12.490	ug/l	

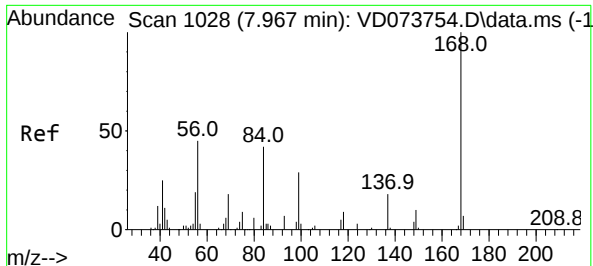
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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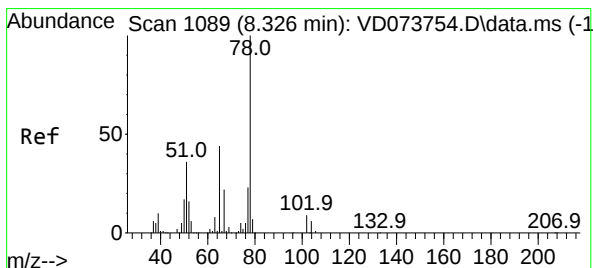
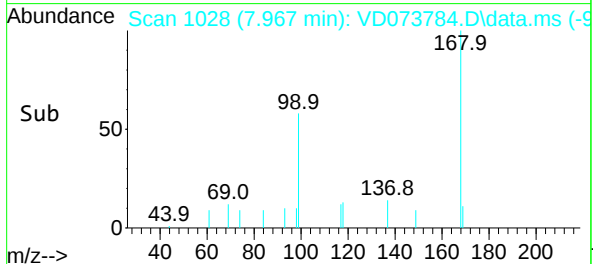
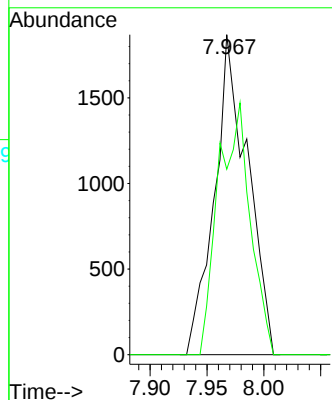
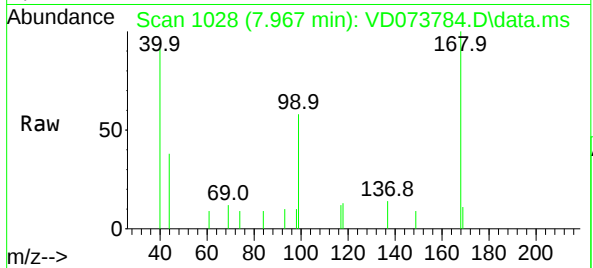




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. 0.000 min
Lab File: VD073784.D
Acq: 05 Jul 2022 20:05

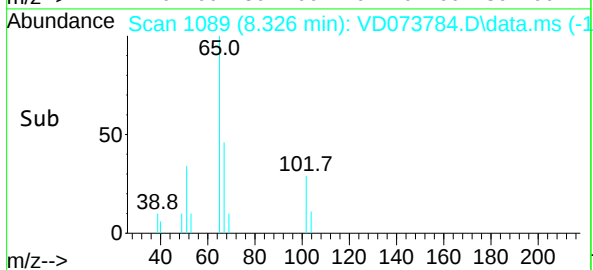
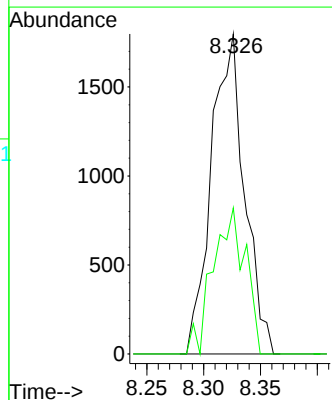
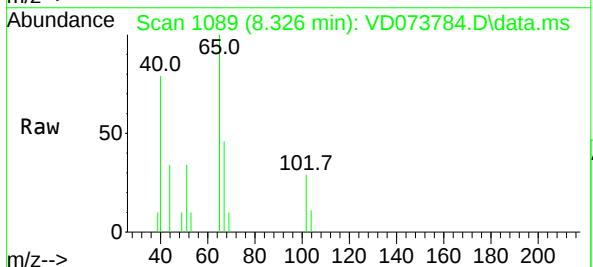
Instrument :
MSVOA_D
ClientSampleId :
SB-11B

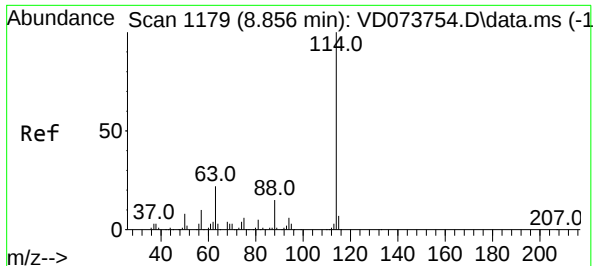
Tgt Ion:168 Resp: 3800
Ion Ratio Lower Upper
168 100
99 57.9 46.4 69.6



#33
1,2-Dichloroethane-d4
Concen: 98.408 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD073784.D
Acq: 05 Jul 2022 20:05

Tgt Ion: 65 Resp: 3648
Ion Ratio Lower Upper
65 100
67 44.5 0.0 107.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.856 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VD073784.D

Acq: 05 Jul 2022 20:05

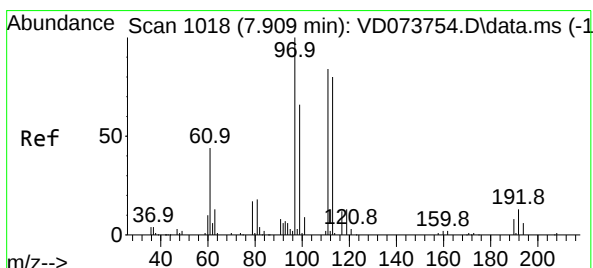
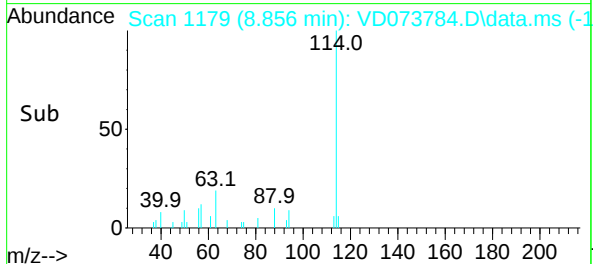
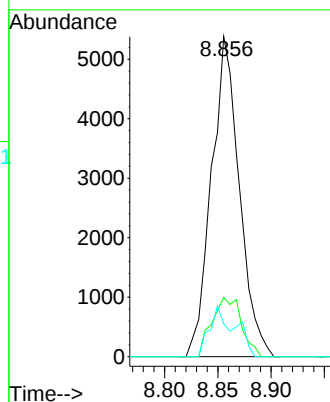
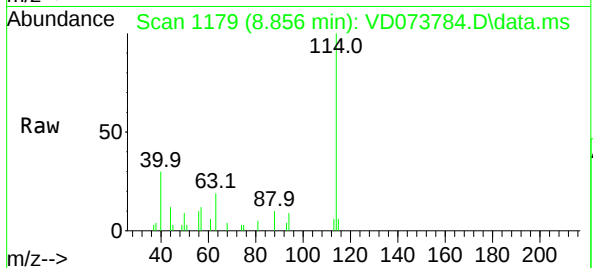
Instrument :

MSVOA_D

ClientSampleId :

SB-11B

Tgt Ion:114	Resp:	9794
Ion	Ratio	Lower Upper
114	100	
63	18.5	0.0 39.2
88	10.3	0.0 29.4



#35

Dibromofluoromethane

Concen: 54.957 ug/l

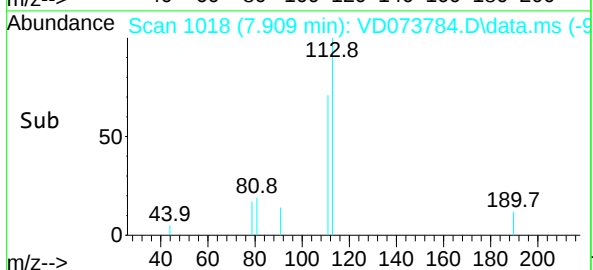
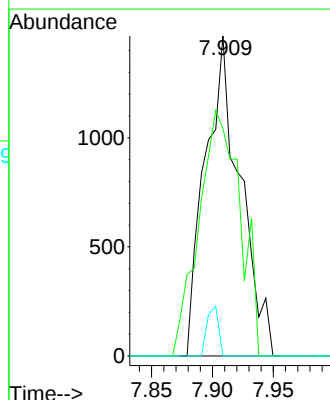
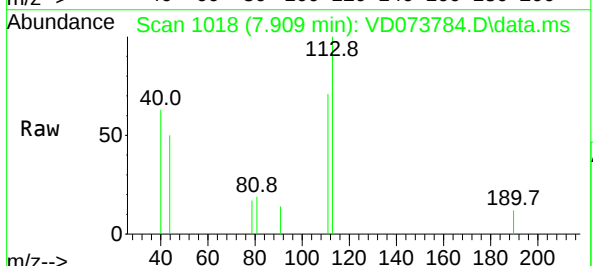
RT: 7.909 min Scan# 1018

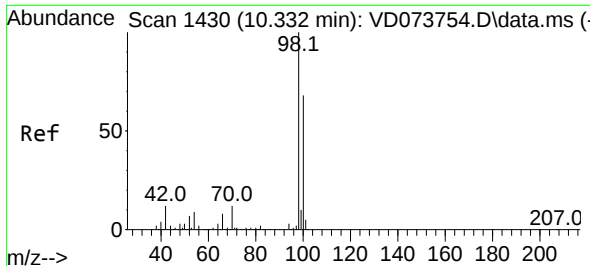
Delta R.T. -0.000 min

Lab File: VD073784.D

Acq: 05 Jul 2022 20:05

Tgt Ion:113	Resp:	2924
Ion	Ratio	Lower Upper
113	100	
111	90.8	81.8 122.6
192	5.1	14.8 22.2

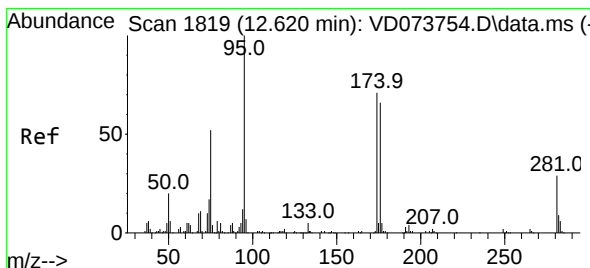
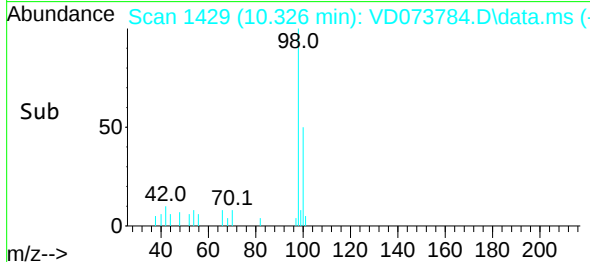
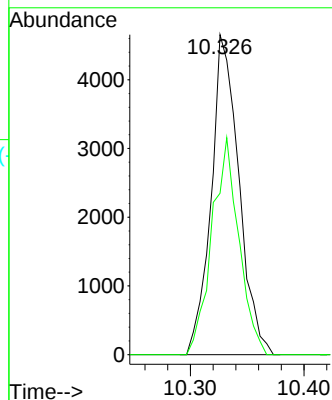
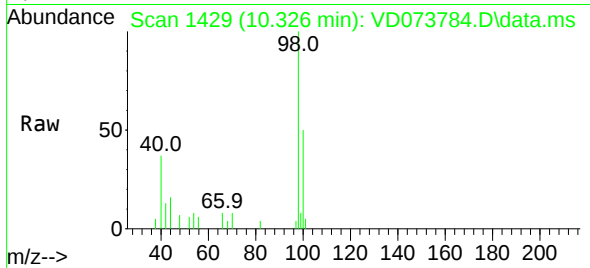




#50
Toluene-d8
Concen: 40.483 ug/l
RT: 10.326 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD073784.D
Acq: 05 Jul 2022 20:05

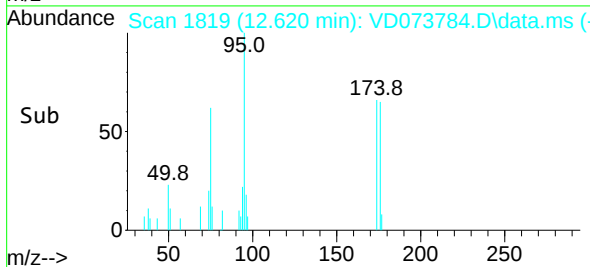
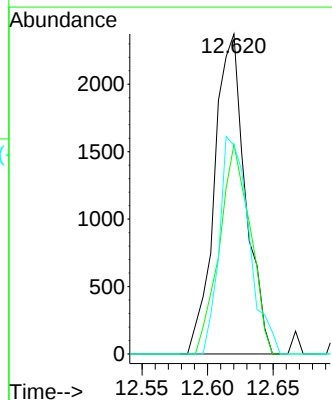
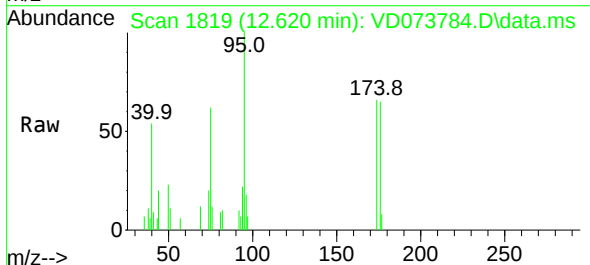
Instrument :
MSVOA_D
ClientSampleId :
SB-11B

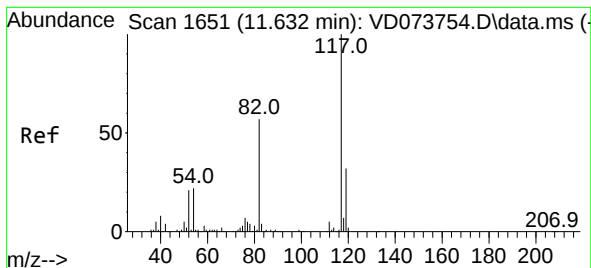
Tgt Ion: 98 Resp: 7901
Ion Ratio Lower Upper
98 100
100 66.0 54.0 81.0



#62
4-Bromofluorobenzene
Concen: 50.534 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073784.D
Acq: 05 Jul 2022 20:05

Tgt Ion: 95 Resp: 3890
Ion Ratio Lower Upper
95 100
174 65.3 0.0 158.4
176 65.2 0.0 154.8

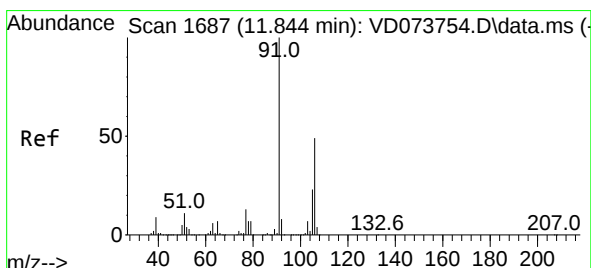
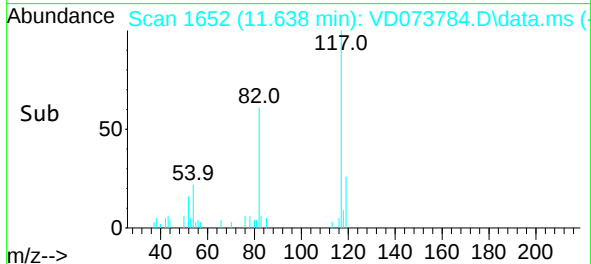
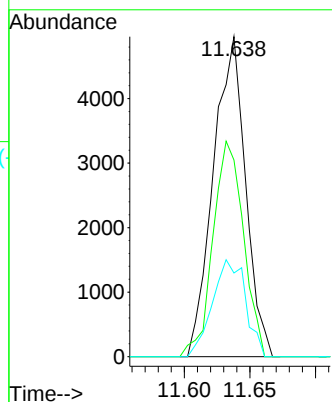
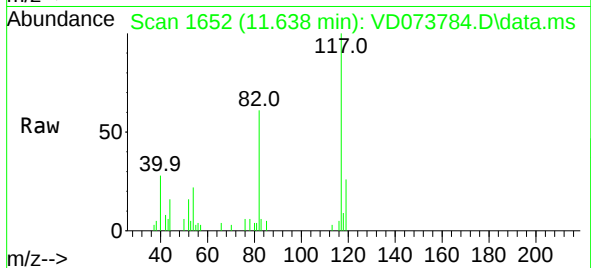




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. 0.006 min
Lab File: VD073784.D
Acq: 05 Jul 2022 20:05

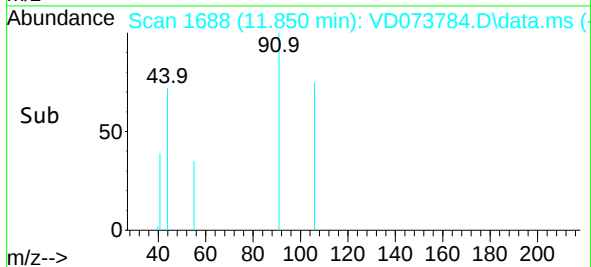
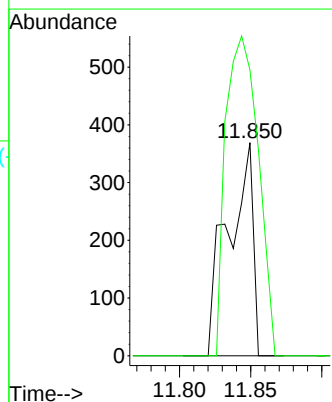
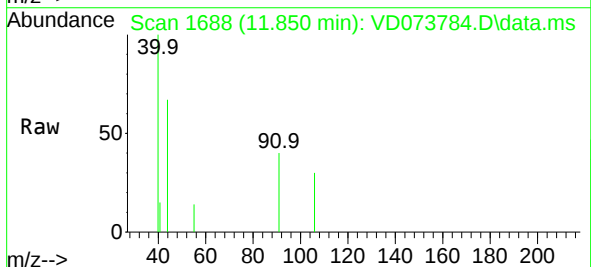
Instrument :
MSVOA_D
ClientSampleId :
SB-11B

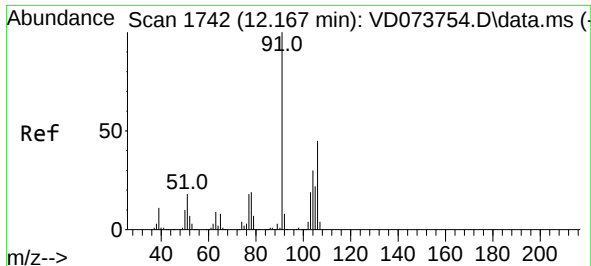
Tgt Ion:117 Resp: 8467
Ion Ratio Lower Upper
117 100
82 61.5 41.5 62.3
119 26.1 27.1 40.7#



#68
m/p-Xylenes
Concen: 4.121 ug/l m
RT: 11.850 min Scan# 1688
Delta R.T. 0.006 min
Lab File: VD073784.D
Acq: 05 Jul 2022 20:05

Tgt Ion:106 Resp: 450
Ion Ratio Lower Upper
106 100
91 0.0 161.4 242.2#

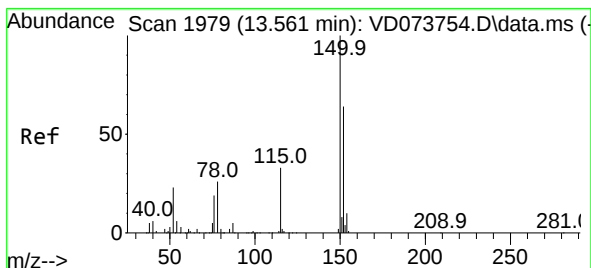
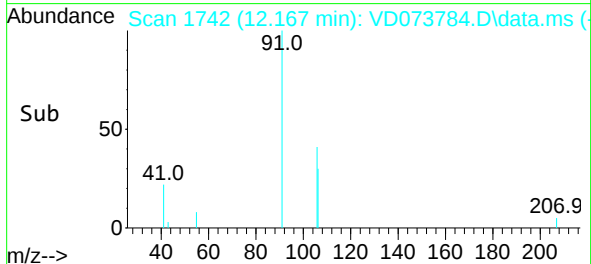
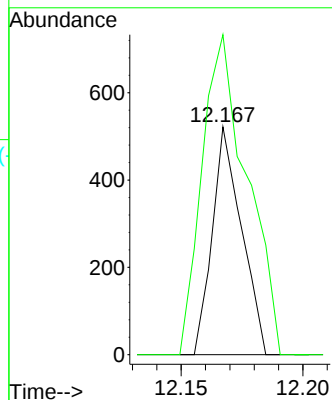
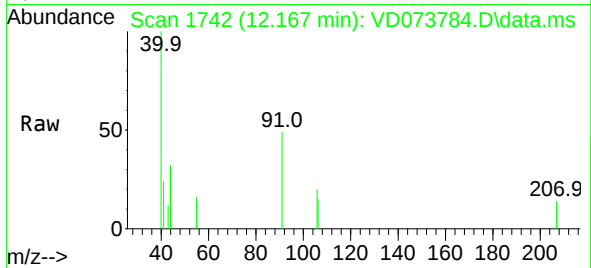




#69
o-Xylene
Concen: 4.070 ug/l
RT: 12.167 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD073784.D
Acq: 05 Jul 2022 20:05

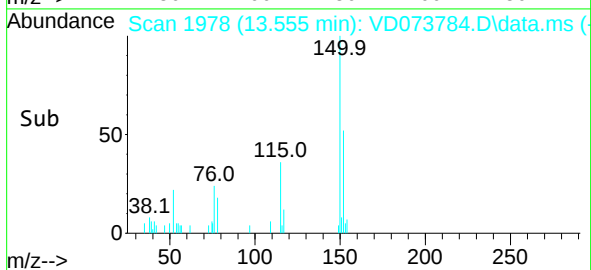
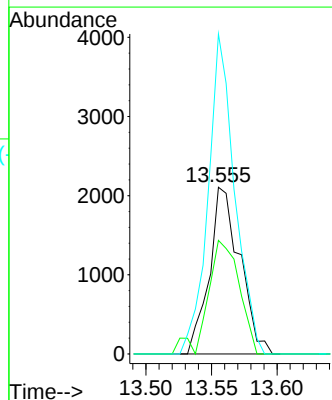
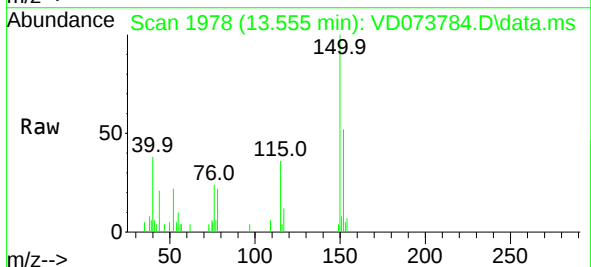
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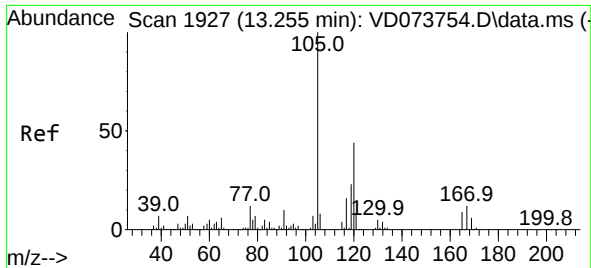
Tgt Ion:106 Resp: 435
Ion Ratio Lower Upper
106 100
91 215.9 107.6 322.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.555 min Scan# 1978
Delta R.T. -0.006 min
Lab File: VD073784.D
Acq: 05 Jul 2022 20:05

Tgt Ion:152 Resp: 3410
Ion Ratio Lower Upper
152 100
115 70.4 30.6 91.6
150 167.9 0.0 355.0





#84
 1,2,4-Trimethylbenzene
 Concen: 12.490 ug/l m
 RT: 13.255 min Scan# 1927
 Delta R.T. -0.000 min
 Lab File: VD073784.D
 Acq: 05 Jul 2022 20:05

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-11B

Tgt Ion:105 Resp: 2652
 Ion Ratio Lower Upper
 105 100
 120 0.0 22.6 67.8#

