

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070522\
 Data File : VD073782.D
 Acq On : 05 Jul 2022 19:05
 Operator : VA/SY
 Sample : N3562-11
 Misc : 6.13G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-12A

Quant Time: Jul 06 02:52:08 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)

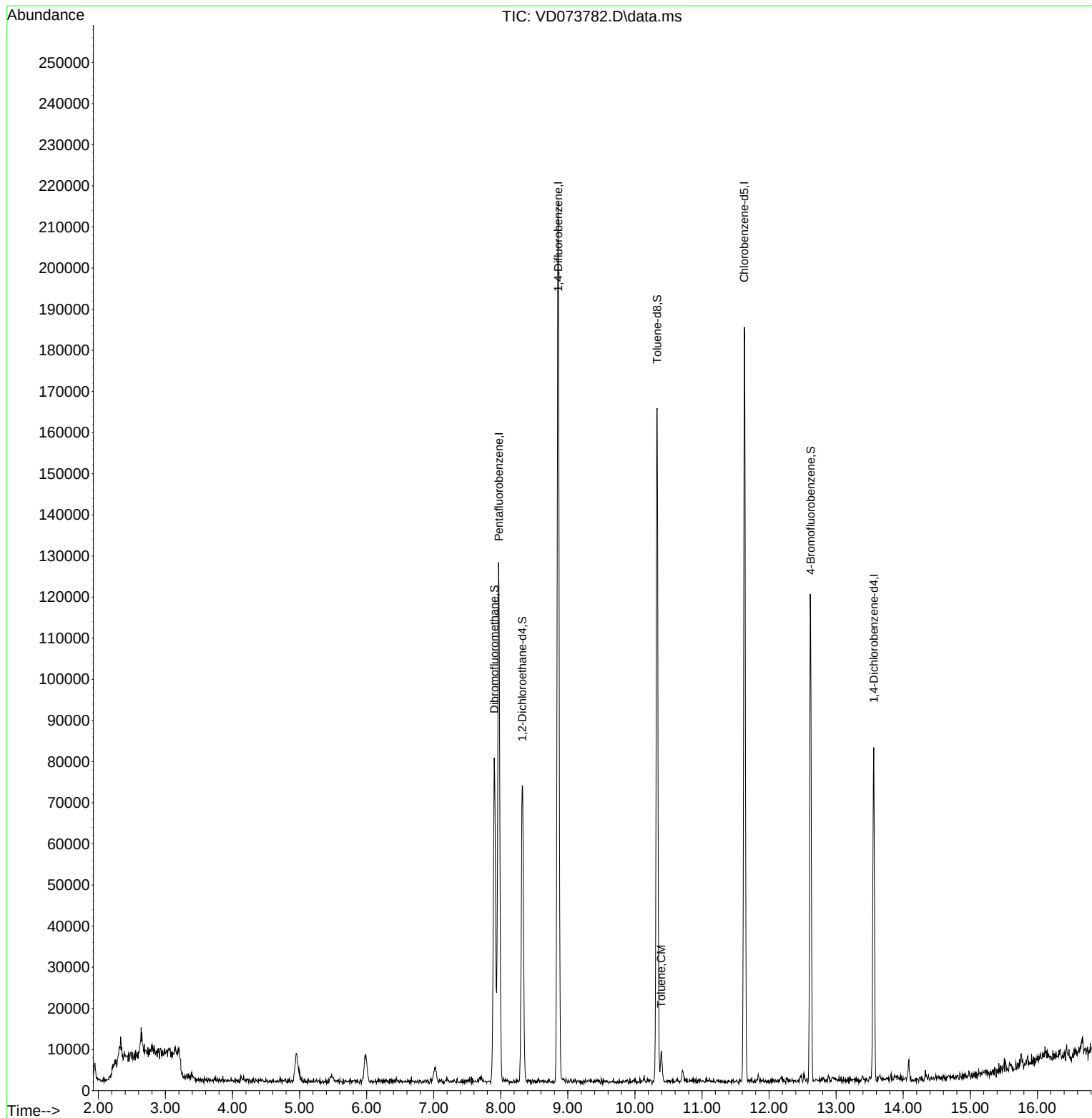
Internal Standards						
1) Pentafluorobenzene	7.973	168	79904	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	173391	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	100696	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	19030	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	56998	73.122	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 146.240%	
35) Dibromofluoromethane	7.903	113	54084	57.418	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 114.840%	
50) Toluene-d8	10.332	98	108939	31.529	ug/l	0.00
Spiked Amount	50.000	Range	78 - 12	Recovery	= 63.060%#	
62) 4-Bromofluorobenzene	12.620	95	30729	22.549	ug/l	0.00
Spiked Amount	50.000	Range	50 - 14	Recovery	= 45.100%#	
Target Compounds						
52) Toluene	10.391	92	3371	1.308	ug/l	Qvalue 100

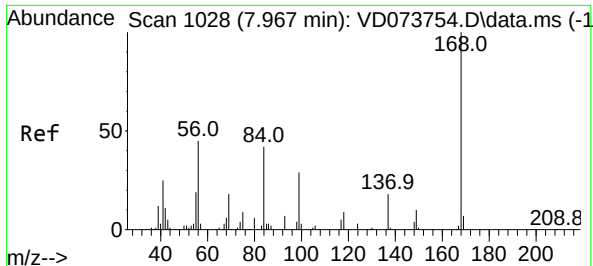
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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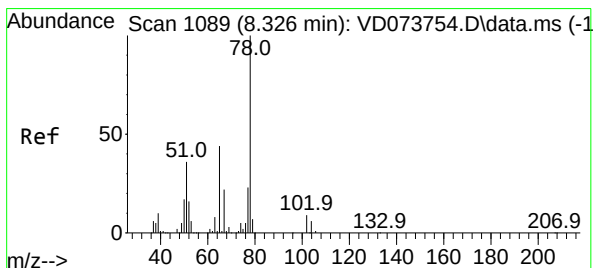
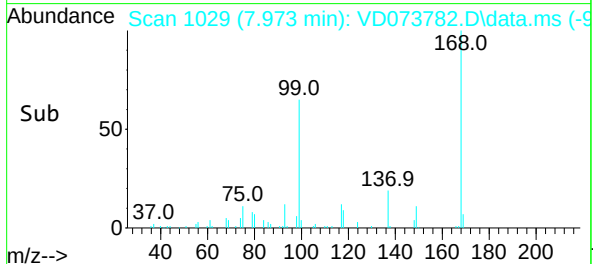
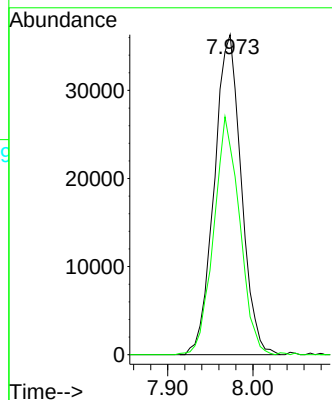
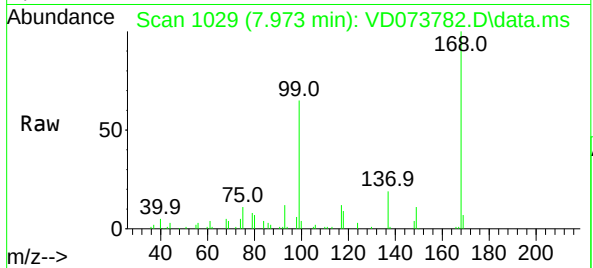




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1028
Delta R.T. 0.006 min
Lab File: VD073782.D
Acq: 05 Jul 2022 19:05

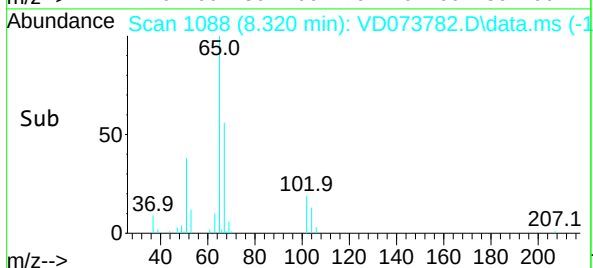
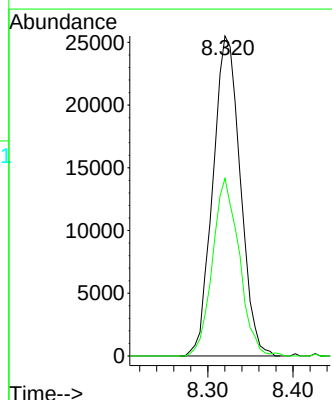
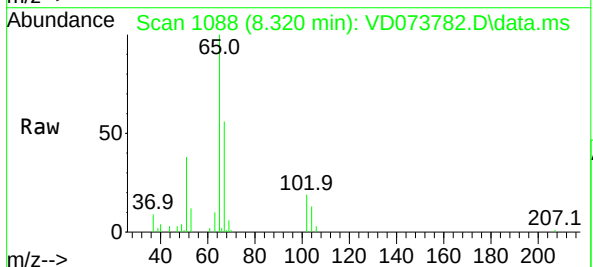
Instrument :
MSVOA_D
ClientSampleId :
SB-12A

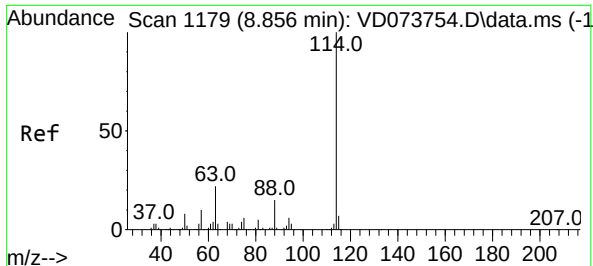
Tgt Ion:168 Resp: 79904
Ion Ratio Lower Upper
168 100
99 64.7 46.4 69.6



#33
1,2-Dichloroethane-d4
Concen: 73.122 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD073782.D
Acq: 05 Jul 2022 19:05

Tgt Ion: 65 Resp: 56998
Ion Ratio Lower Upper
65 100
67 54.1 0.0 107.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VD073782.D

Acq: 05 Jul 2022 19:05

Instrument :

MSVOA_D

ClientSampleId :

SB-12A

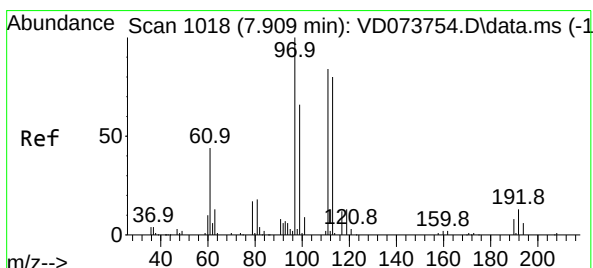
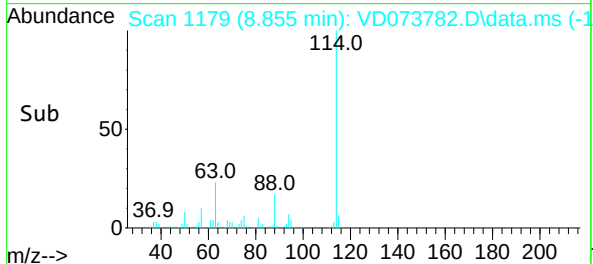
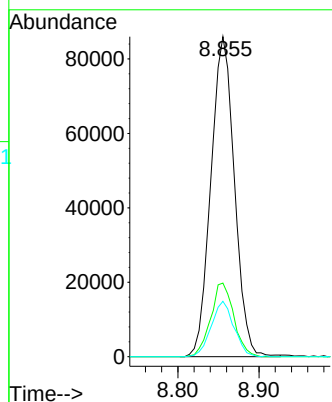
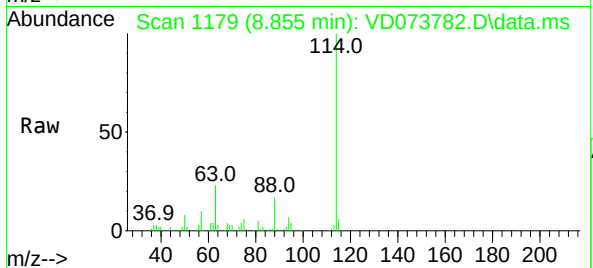
Tgt Ion:114 Resp: 173391

Ion Ratio Lower Upper

114 100

63 23.0 0.0 39.2

88 17.3 0.0 29.4



#35

Dibromofluoromethane

Concen: 57.418 ug/l

RT: 7.903 min Scan# 1017

Delta R.T. -0.006 min

Lab File: VD073782.D

Acq: 05 Jul 2022 19:05

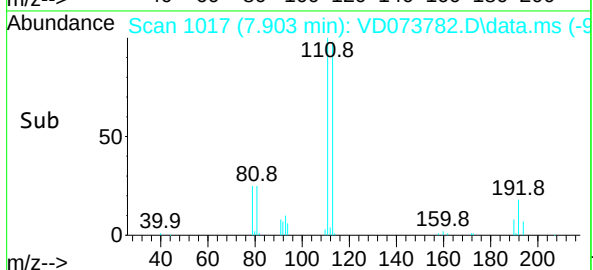
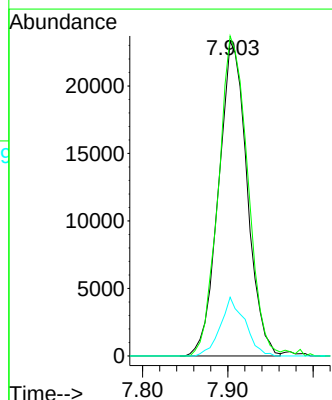
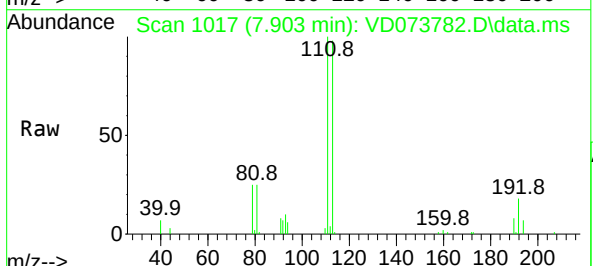
Tgt Ion:113 Resp: 54084

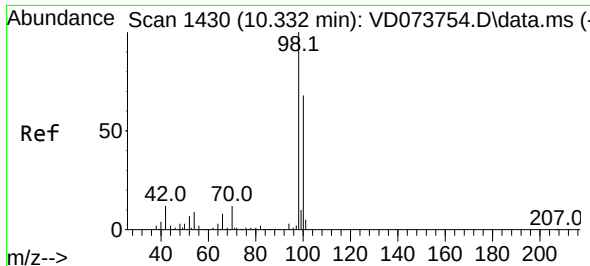
Ion Ratio Lower Upper

113 100

111 105.3 81.8 122.6

192 16.1 14.8 22.2

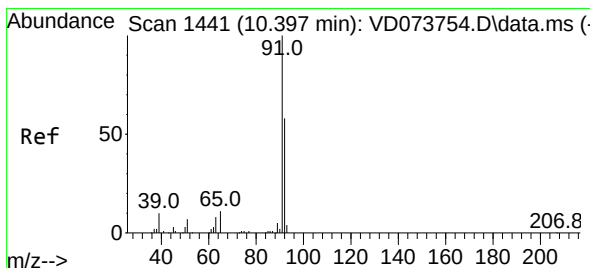
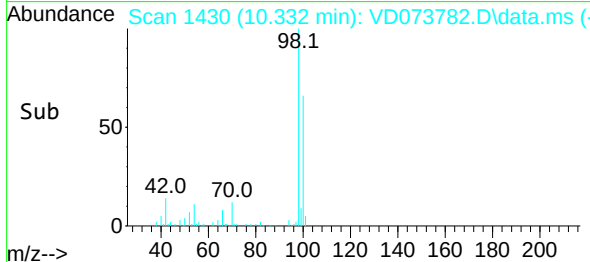
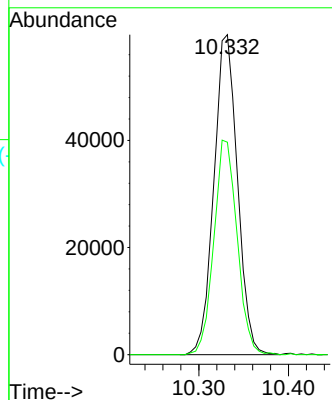
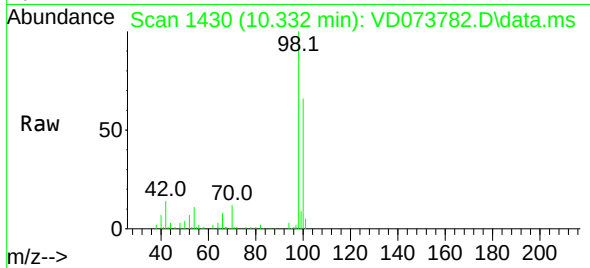




#50
Toluene-d8
Concen: 31.529 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073782.D
Acq: 05 Jul 2022 19:05

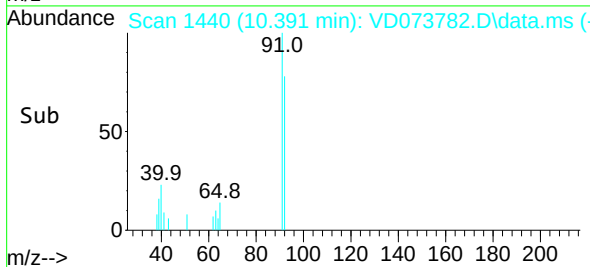
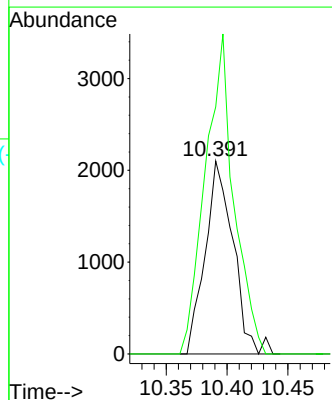
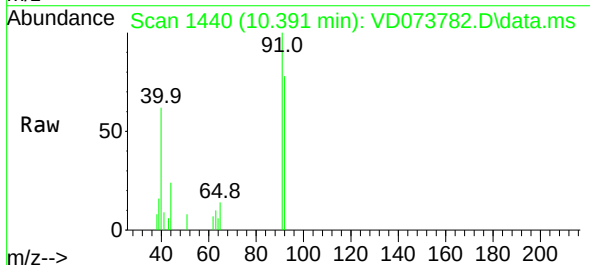
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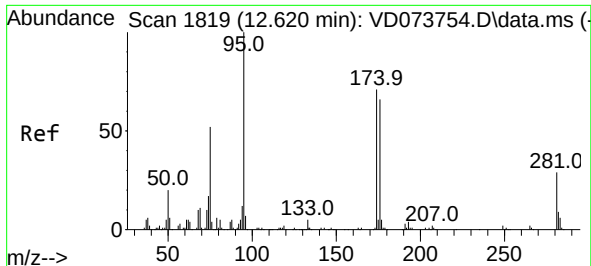
Tgt Ion: 98 Resp: 108939
Ion Ratio Lower Upper
98 100
100 66.2 54.0 81.0



#52
Toluene
Concen: 1.308 ug/l
RT: 10.391 min Scan# 1440
Delta R.T. -0.006 min
Lab File: VD073782.D
Acq: 05 Jul 2022 19:05

Tgt Ion: 92 Resp: 3371
Ion Ratio Lower Upper
92 100
91 169.6 136.1 204.1

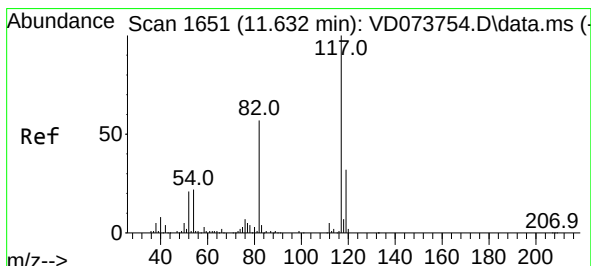
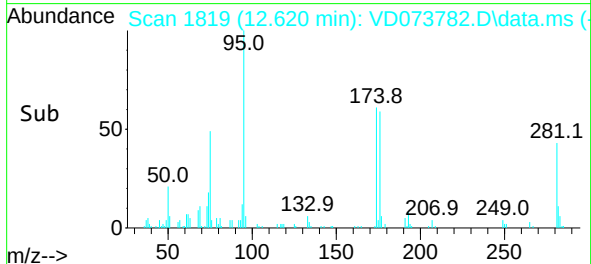
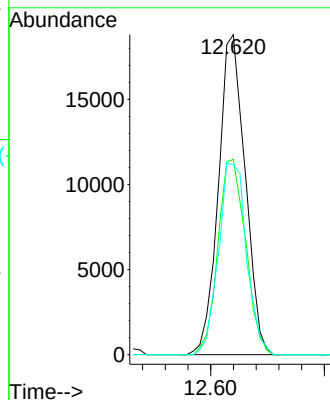
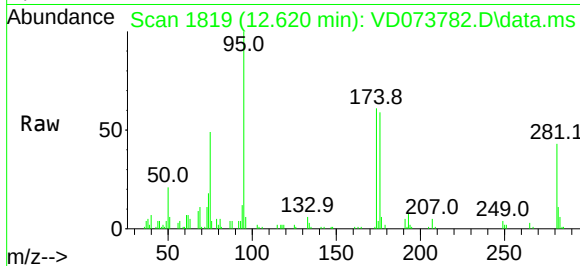




#62
4-Bromofluorobenzene
Concen: 22.549 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073782.D
Acq: 05 Jul 2022 19:05

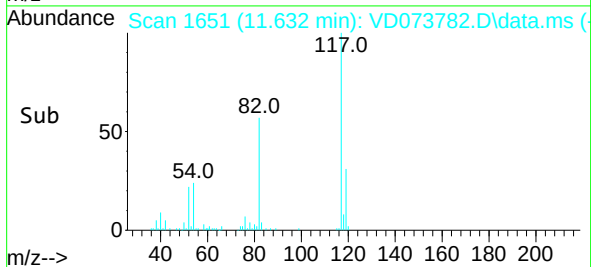
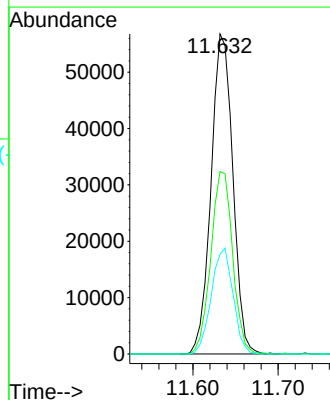
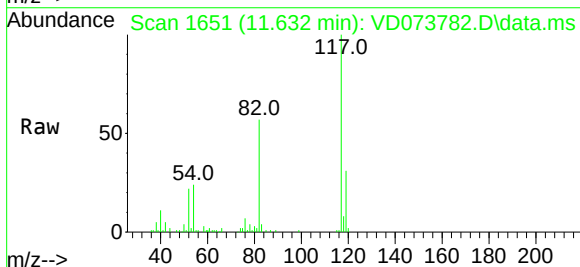
Instrument :
MSVOA_D
ClientSampleId :
SB-12A

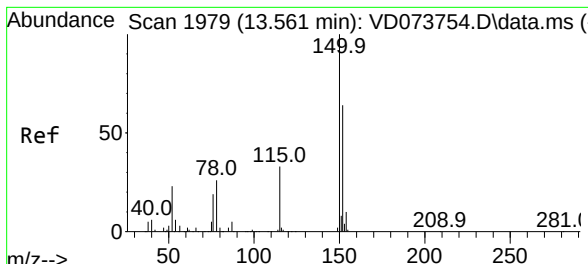
Tgt Ion: 95 Resp: 30729
Ion Ratio Lower Upper
95 100
174 63.1 0.0 158.4
176 62.6 0.0 154.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.000 min
Lab File: VD073782.D
Acq: 05 Jul 2022 19:05

Tgt Ion: 117 Resp: 100696
Ion Ratio Lower Upper
117 100
82 57.0 41.5 62.3
119 31.2 27.1 40.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. -0.000 min
 Lab File: VD073782.D
 Acq: 05 Jul 2022 19:05

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-12A

Tgt Ion:	152	Resp:	19030
Ion	Ratio	Lower	Upper
152	100		
115	66.2	30.6	91.6
150	160.4	0.0	355.0

