

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081622\
 Data File : VD074111.D
 Acq On : 16 Aug 2022 19:47
 Operator : VA/SY
 Sample : N4189-15RE
 Misc : 5.09G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB12RE

Quant Time: Aug 16 20:54:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081522S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 16 01:41:25 2022
 Response via : Initial Calibration

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

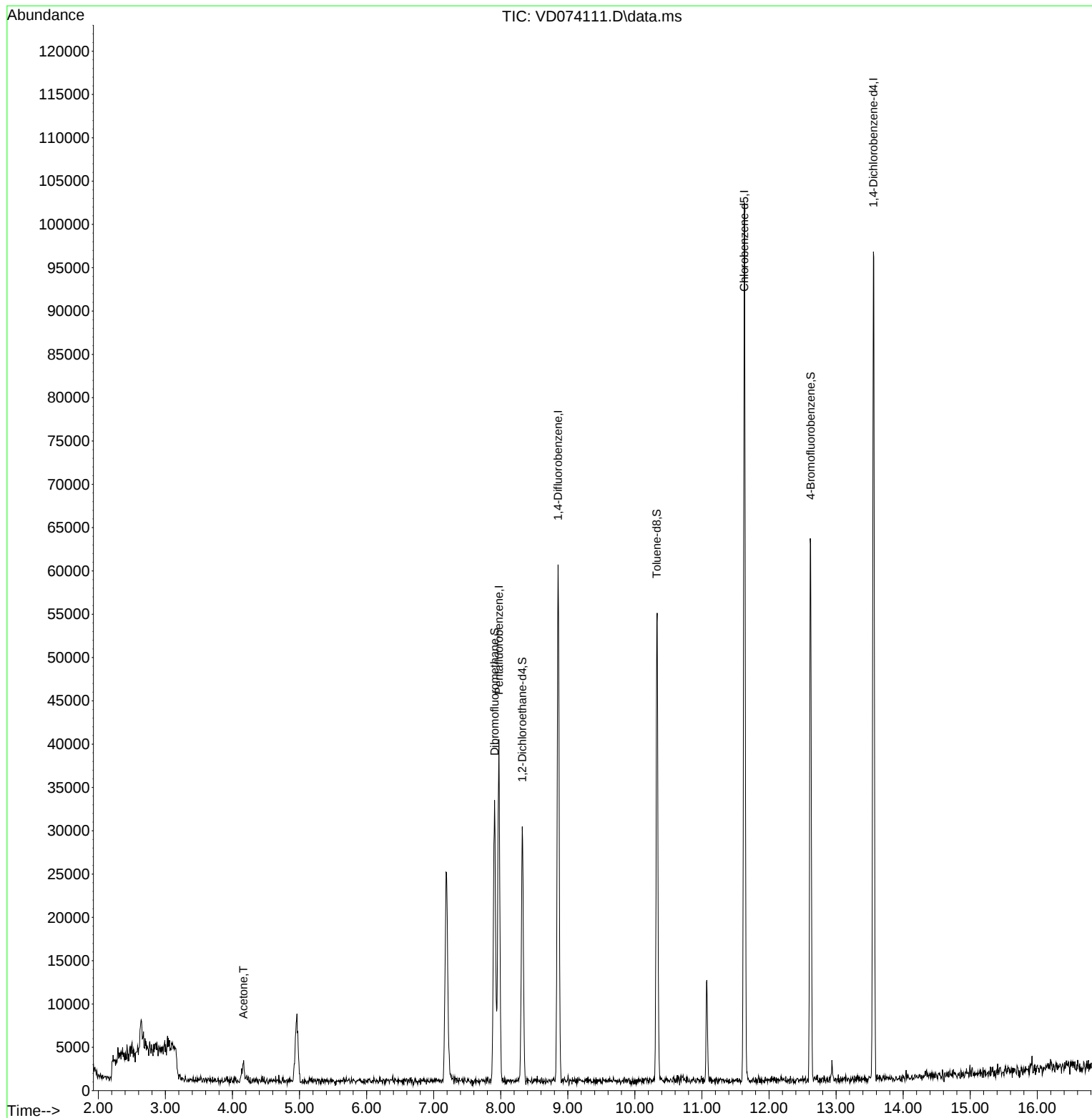
Internal Standards						
1) Pentafluorobenzene	7.973	168	27171	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	50001	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	56750	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	26843	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	21830	118.246	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 236.500%#	
35) Dibromofluoromethane	7.909	113	22659	70.917	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 141.840%	
50) Toluene-d8	10.326	98	36639	37.768	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 75.540%	
62) 4-Bromofluorobenzene	12.620	95	19975	49.863	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 99.720%	
Target Compounds						Qvalue
16) Acetone	4.162	43	3500	61.261	ug/l	99

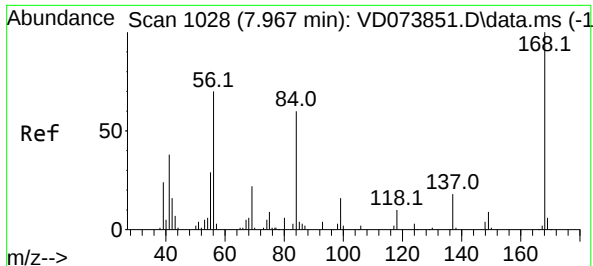
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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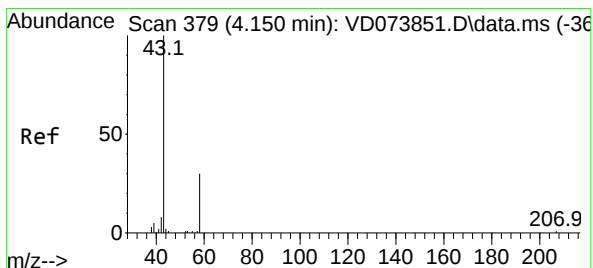
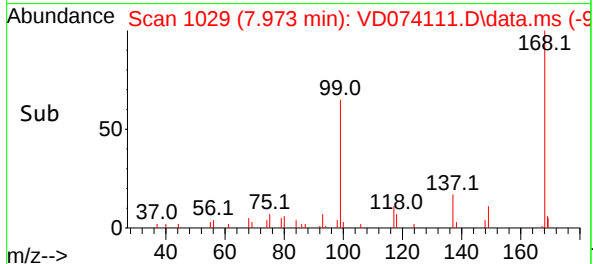
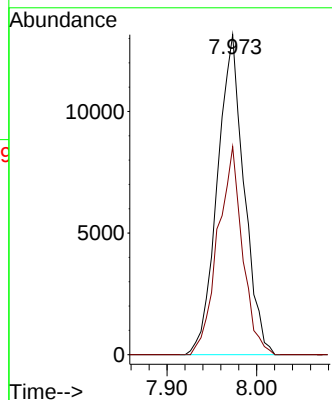
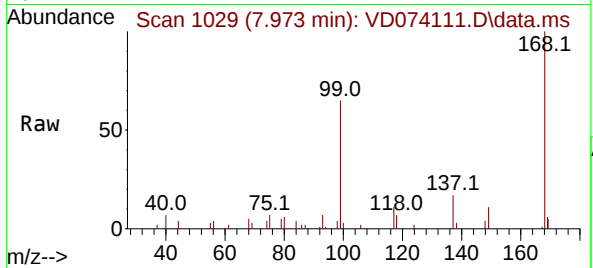




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.006 min
Lab File: VD074111.D
Acq: 16 Aug 2022 19:47

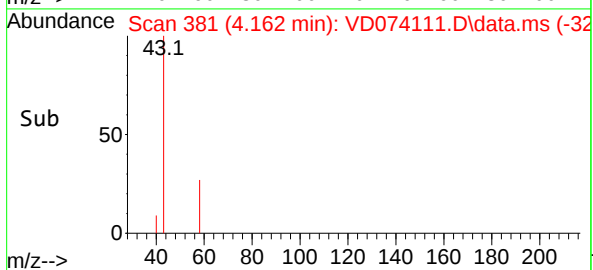
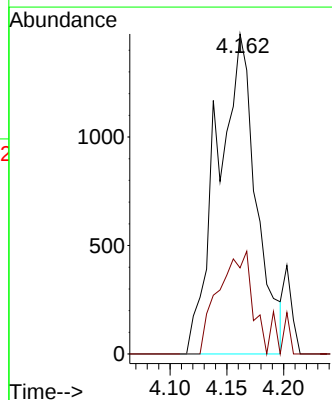
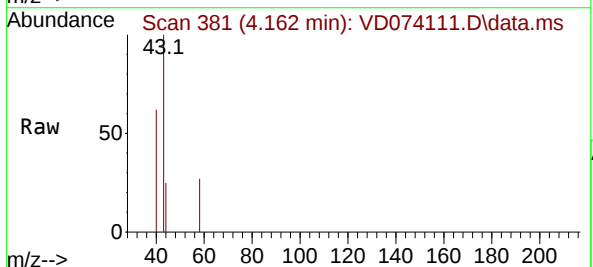
Instrument :
MSVOA_D
ClientSampleId :
SB12RE

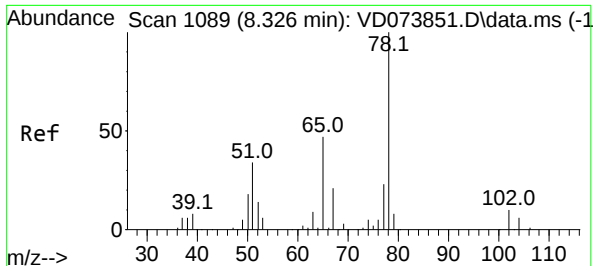
Tgt Ion:168 Resp: 27171
Ion Ratio Lower Upper
168 100
99 65.0 49.8 74.6



#16
Acetone
Concen: 61.261 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.012 min
Lab File: VD074111.D
Acq: 16 Aug 2022 19:47

Tgt Ion: 43 Resp: 3500
Ion Ratio Lower Upper
43 100
58 26.9 22.1 33.1





#33

1,2-Dichloroethane-d4

Concen: 118.246 ug/l

RT: 8.320 min Scan# 1088

Delta R.T. -0.006 min

Lab File: VD074111.D

Acq: 16 Aug 2022 19:47

Instrument :

MSVOA_D

ClientSampleId :

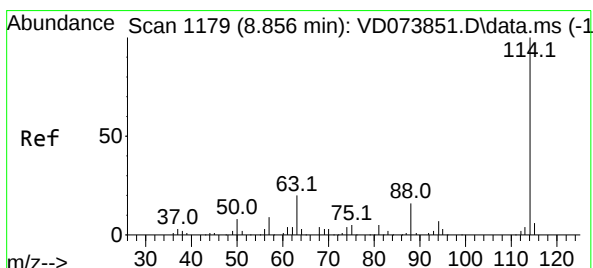
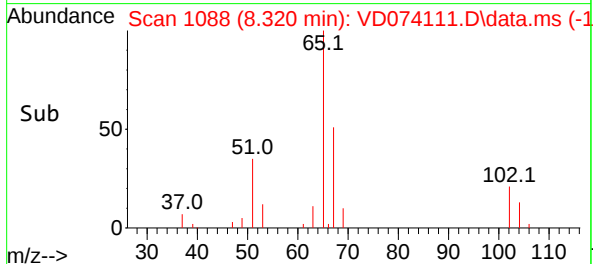
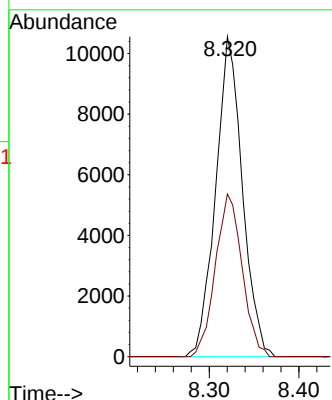
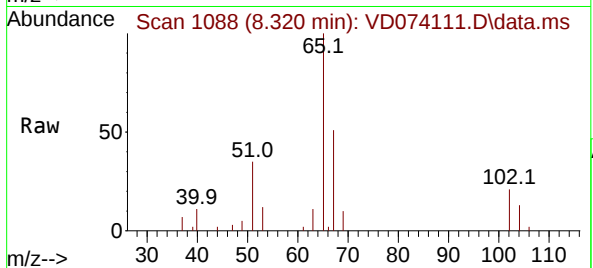
SB12RE

Tgt Ion: 65 Resp: 21830

Ion Ratio Lower Upper

65 100

67 50.9 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VD074111.D

Acq: 16 Aug 2022 19:47

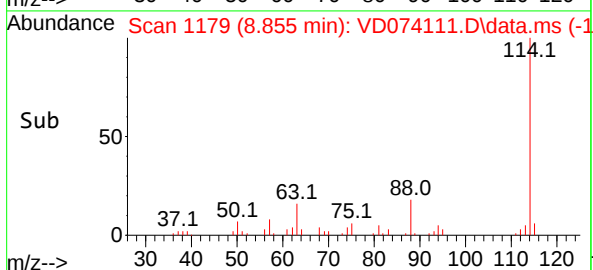
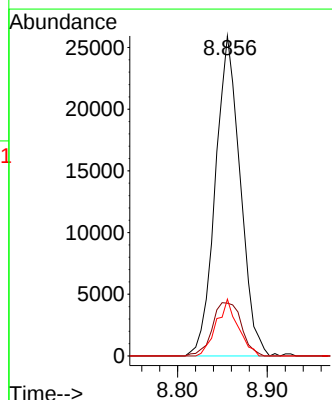
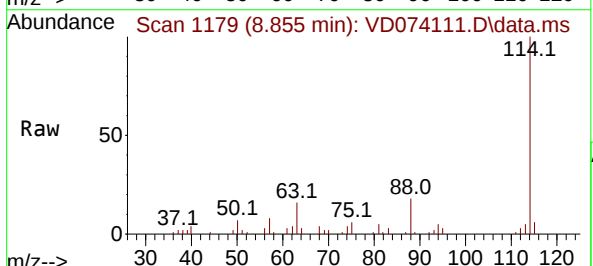
Tgt Ion: 114 Resp: 50001

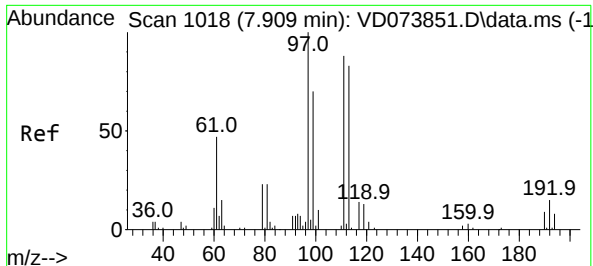
Ion Ratio Lower Upper

114 100

63 16.5 0.0 46.6

88 17.8 0.0 33.2

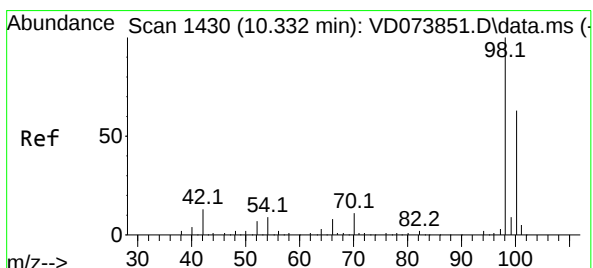
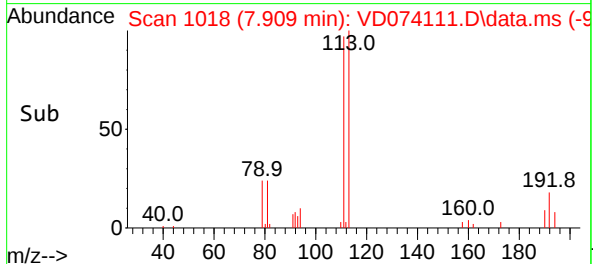
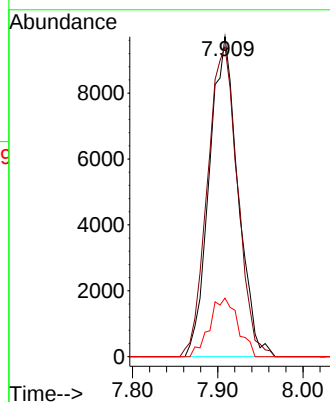
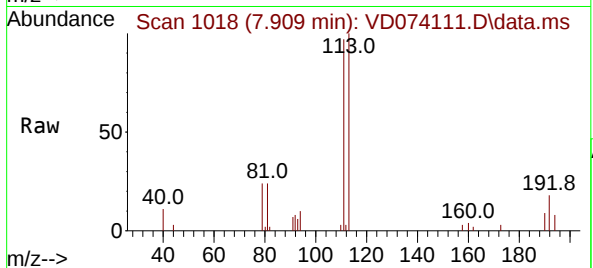




#35
Dibromofluoromethane
Concen: 70.917 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.000 min
Lab File: VD074111.D
Acq: 16 Aug 2022 19:47

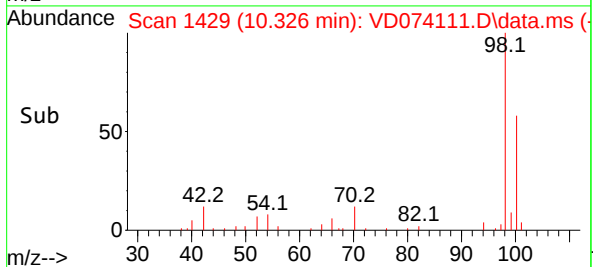
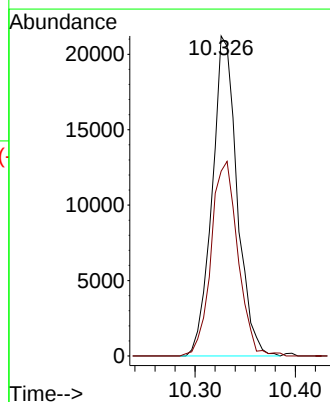
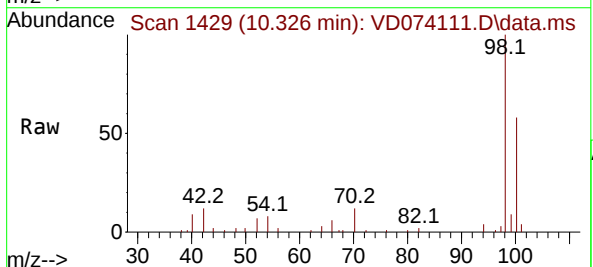
Instrument :
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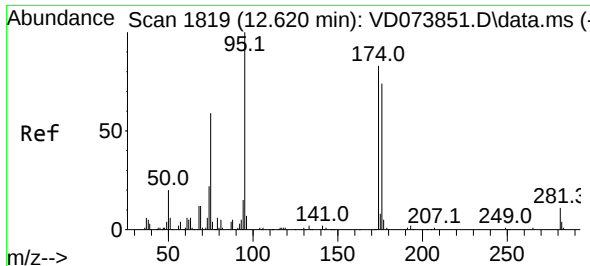
Tgt Ion:113 Resp: 22659
Ion Ratio Lower Upper
113 100
111 102.1 83.8 125.6
192 18.2 14.6 21.8



#50
Toluene-d8
Concen: 37.768 ug/l
RT: 10.326 min Scan# 1429
Delta R.T. -0.006 min
Lab File: VD074111.D
Acq: 16 Aug 2022 19:47

Tgt Ion: 98 Resp: 36639
Ion Ratio Lower Upper
98 100
100 65.1 52.4 78.6

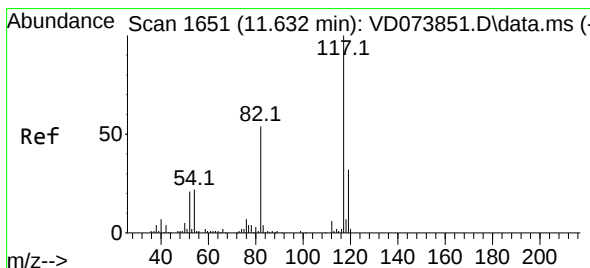
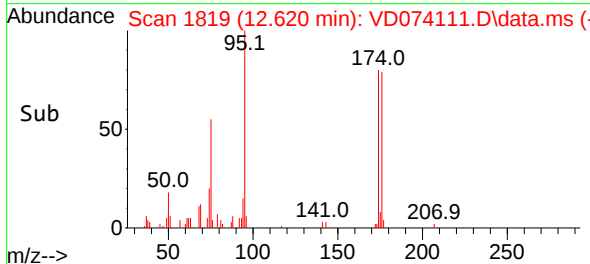
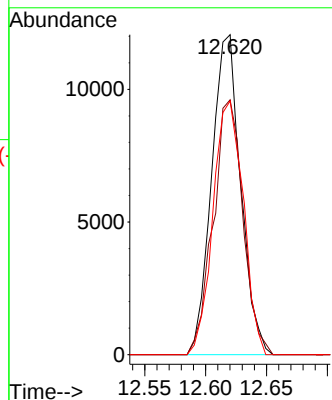
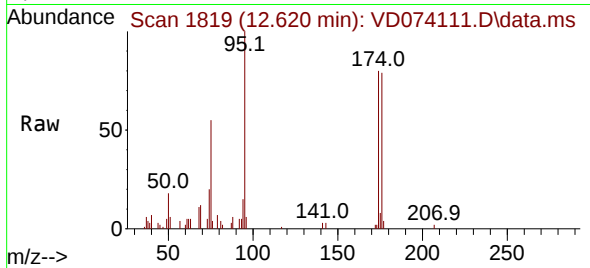




#62
4-Bromofluorobenzene
Concen: 49.863 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD074111.D
Acq: 16 Aug 2022 19:47

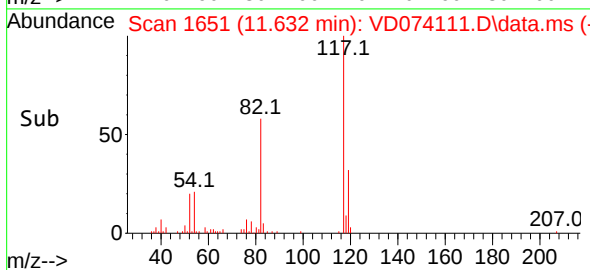
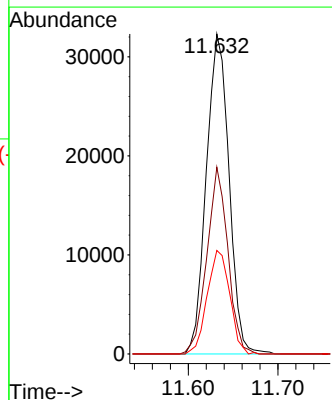
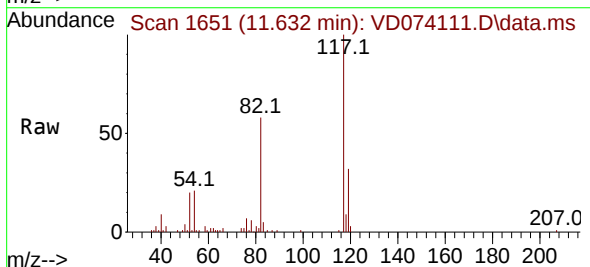
Instrument :
MSVOA_D
ClientSampleId :
SB12RE

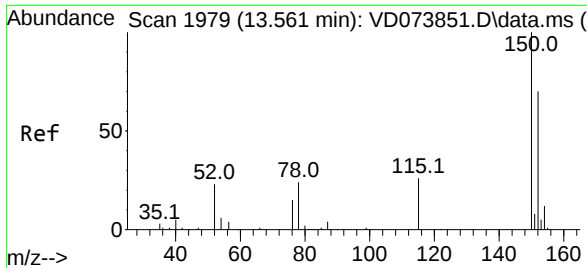
Tgt Ion:	95	Resp:	19975
Ion Ratio	Lower	Upper	
95	100		
174	81.9	0.0	152.8
176	82.6	0.0	145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.000 min
Lab File: VD074111.D
Acq: 16 Aug 2022 19:47

Tgt Ion:	117	Resp:	56750
Ion Ratio	Lower	Upper	
117	100		
82	58.4	45.3	67.9
119	32.4	26.6	40.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.555 min Scan# 1978

Delta R.T. -0.006 min

Lab File: VD074111.D

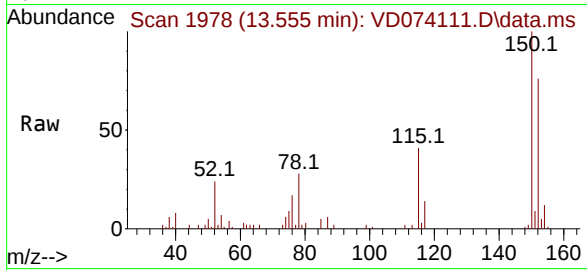
Acq: 16 Aug 2022 19:47

Instrument :

MSVOA_D

ClientSampleId :

SB12RE



Tgt Ion:152 Resp: 26843

Ion Ratio Lower Upper

152 100

115 56.7 31.3 93.8

150 149.9 0.0 348.6

