

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081122\
 Data File : VD074045.D
 Acq On : 11 Aug 2022 16:52
 Operator : VA/SY
 Sample : N4130-13
 Misc : 5.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB04

Quant Time: Aug 11 18:03:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081022S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 10 14:55:58 2022
 Response via : Initial Calibration

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

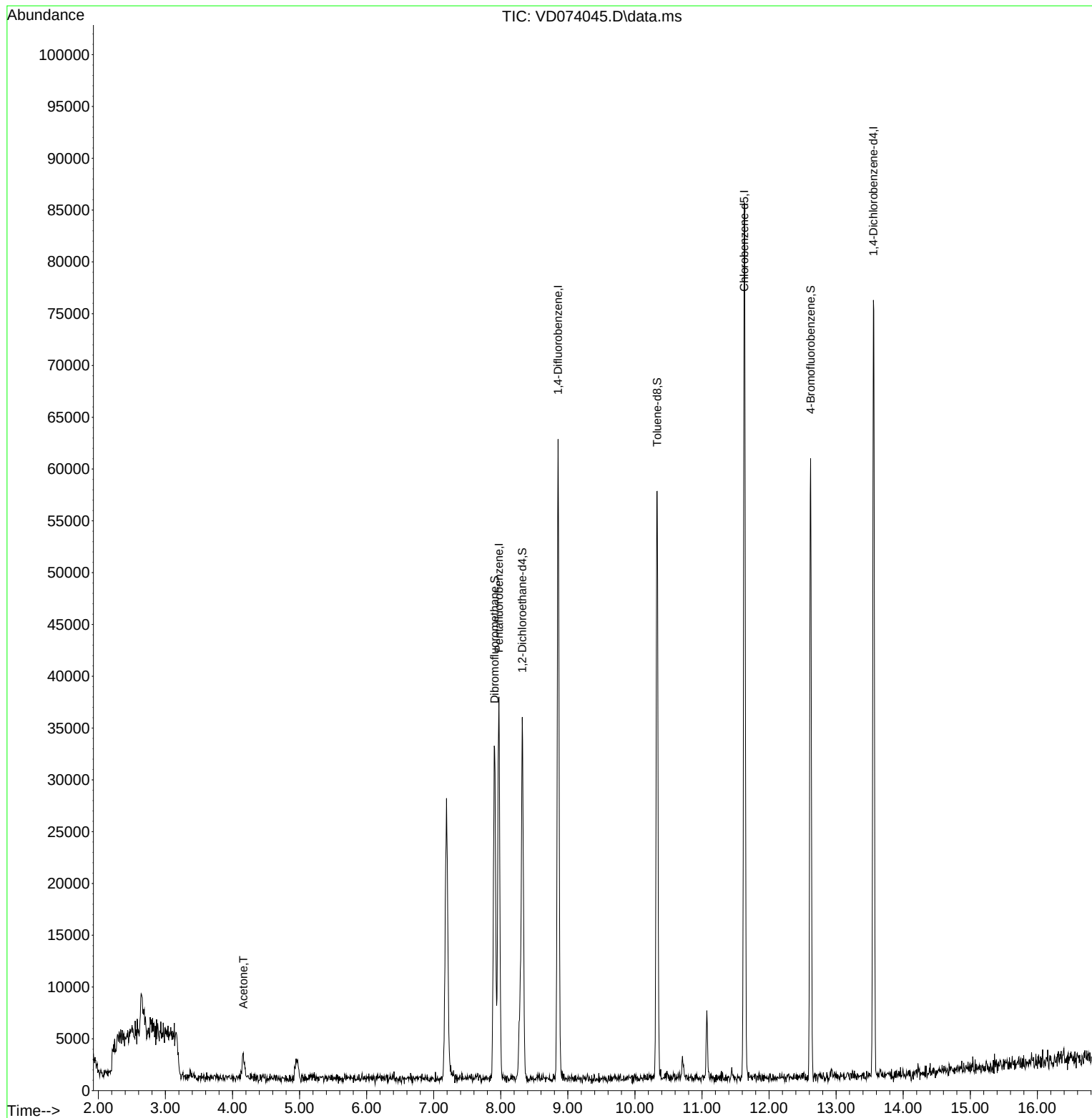
Internal Standards						
1) Pentafluorobenzene	7.973	168	26118	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	49067	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	50009	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	20232	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	26156	140.357	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 280.720%#	
35) Dibromofluoromethane	7.908	113	22440	68.856	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 137.720%	
50) Toluene-d8	10.332	98	39901	46.393	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 92.780%	
62) 4-Bromofluorobenzene	12.620	95	18781	46.862	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 93.720%	
Target Compounds						
16) Acetone	4.161	43	4238	101.410	ug/l	Qvalue # 67

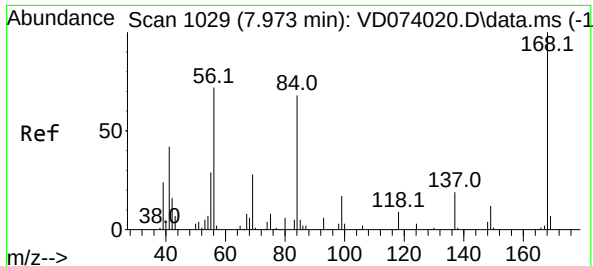
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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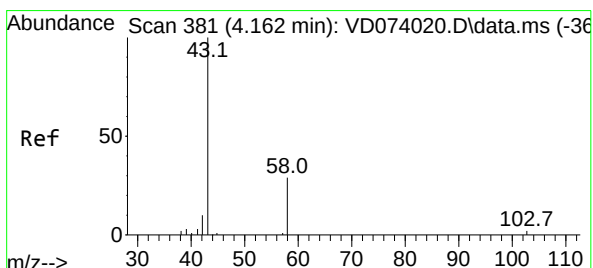
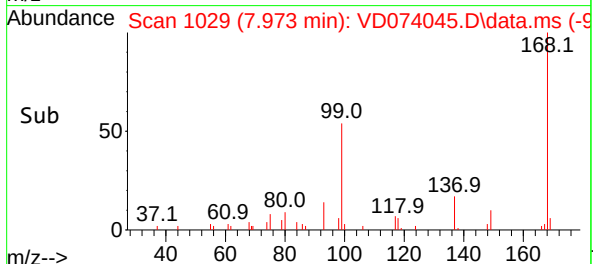
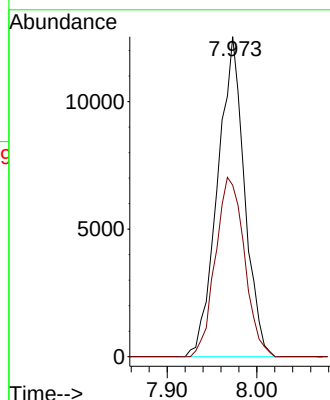
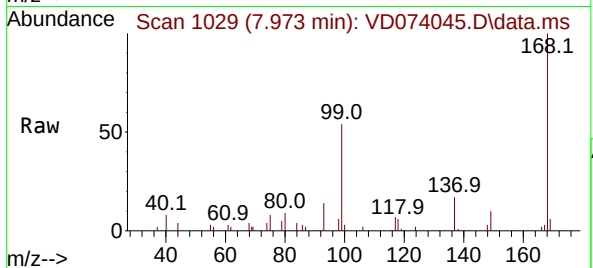




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD074045.D
Acq: 11 Aug 2022 16:52

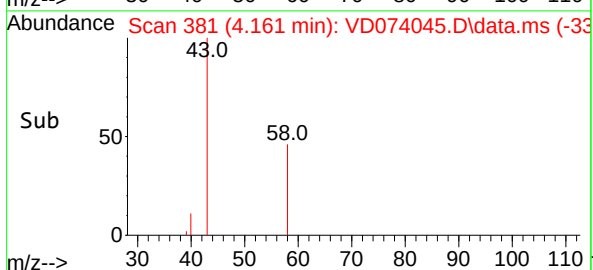
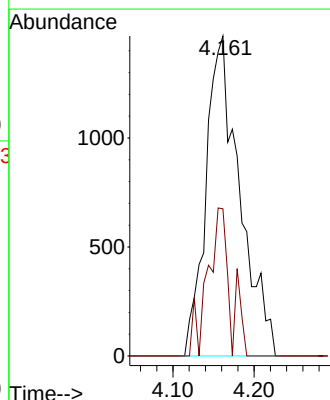
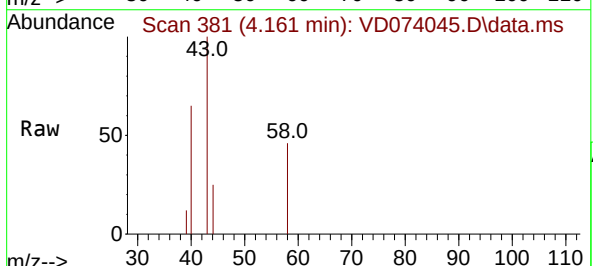
Instrument :
MSVOA_D
ClientSampleId :
SB04

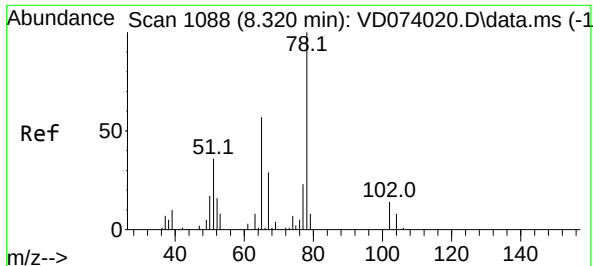
Tgt Ion:168 Resp: 26118
Ion Ratio Lower Upper
168 100
99 53.6 48.3 72.5



#16
Acetone
Concen: 101.410 ug/l
RT: 4.161 min Scan# 381
Delta R.T. -0.001 min
Lab File: VD074045.D
Acq: 11 Aug 2022 16:52

Tgt Ion: 43 Resp: 4238
Ion Ratio Lower Upper
43 100
58 46.0 22.8 34.2#

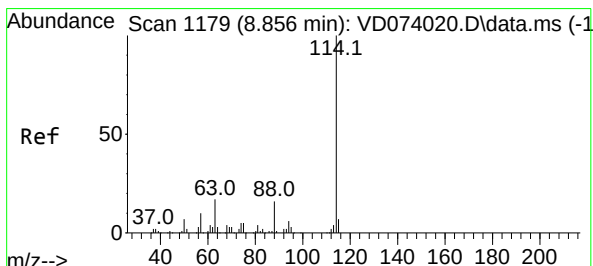
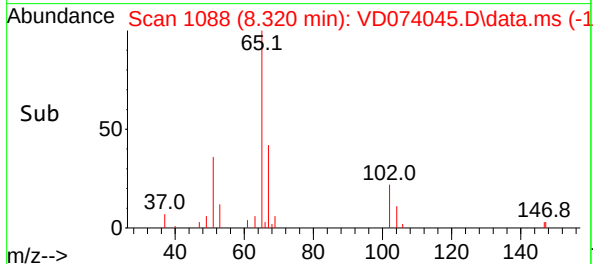
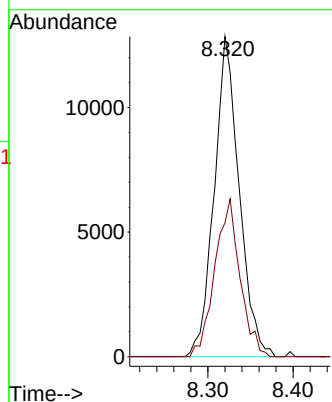
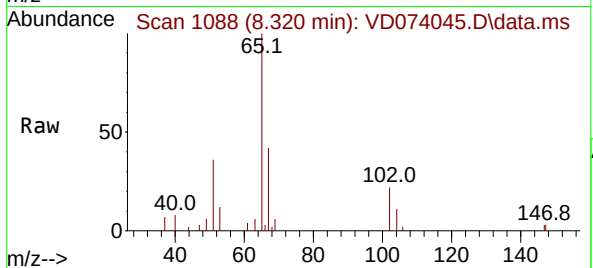




#33
1,2-Dichloroethane-d4
Concen: 140.357 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VD074045.D
Acq: 11 Aug 2022 16:52

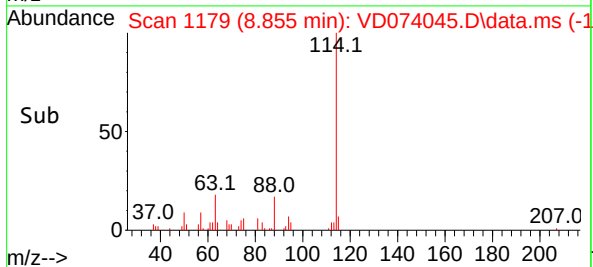
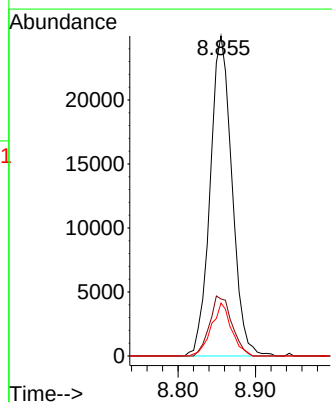
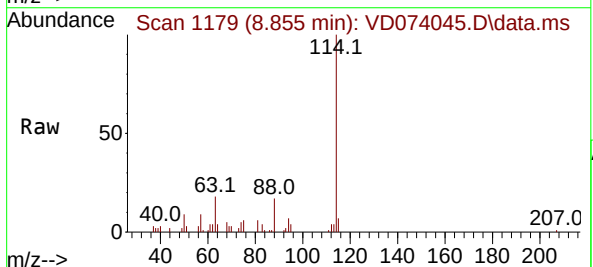
Instrument :
MSVOA_D
ClientSampleId :
SB04

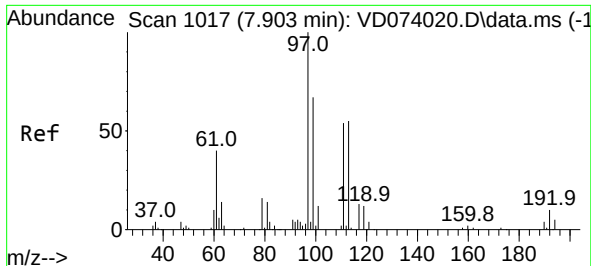
Tgt Ion: 65 Resp: 26156
Ion Ratio Lower Upper
65 100
67 49.8 0.0 113.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VD074045.D
Acq: 11 Aug 2022 16:52

Tgt Ion: 114 Resp: 49067
Ion Ratio Lower Upper
114 100
63 17.8 0.0 41.0
88 16.6 0.0 31.6





#35

Dibromofluoromethane

Concen: 68.856 ug/l

RT: 7.908 min Scan# 1017

Delta R.T. 0.005 min

Lab File: VD074045.D

Acq: 11 Aug 2022 16:52

Instrument :

MSVOA_D

ClientSampleId :

SB04

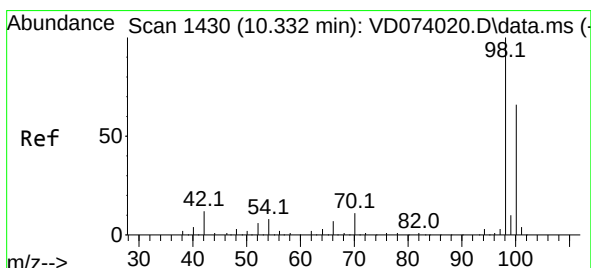
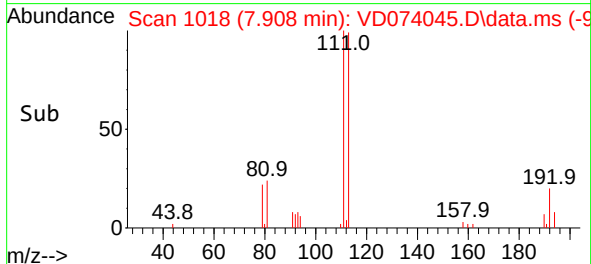
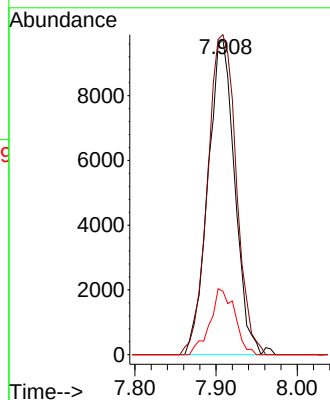
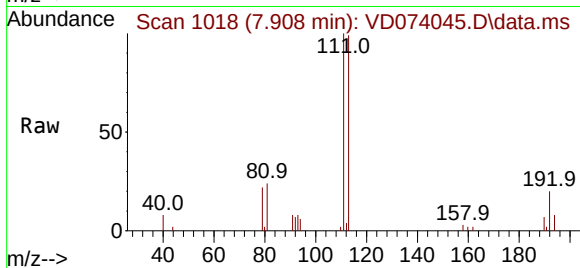
Tgt Ion:113 Resp: 22440

Ion Ratio Lower Upper

113 100

111 108.2 80.0 120.0

192 19.3 14.2 21.4



#50

Toluene-d8

Concen: 46.393 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VD074045.D

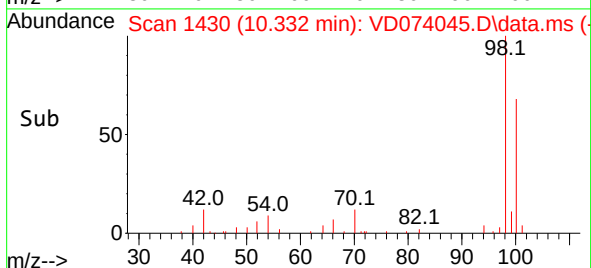
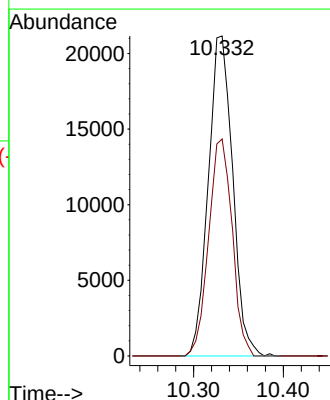
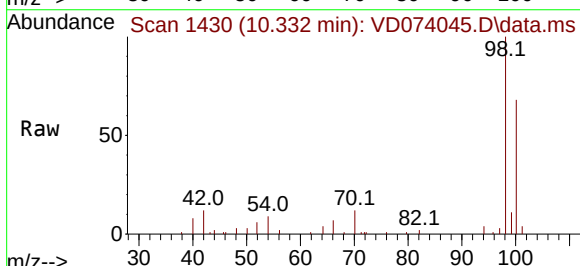
Acq: 11 Aug 2022 16:52

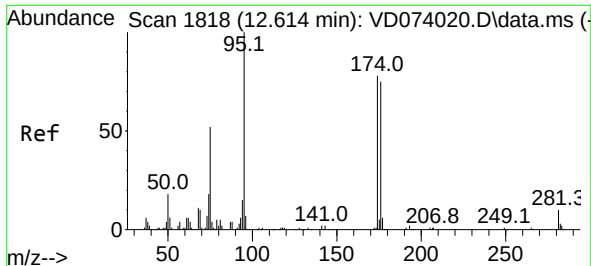
Tgt Ion: 98 Resp: 39901

Ion Ratio Lower Upper

98 100

100 65.4 51.3 76.9





#62

4-Bromofluorobenzene

Concen: 46.862 ug/l

RT: 12.620 min Scan# 1819

Delta R.T. 0.006 min

Lab File: VD074045.D

Acq: 11 Aug 2022 16:52

Instrument :

MSVOA_D

ClientSampleId :

SB04

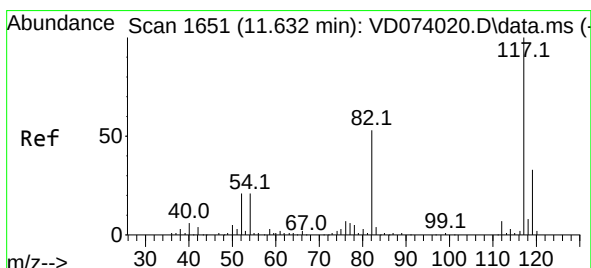
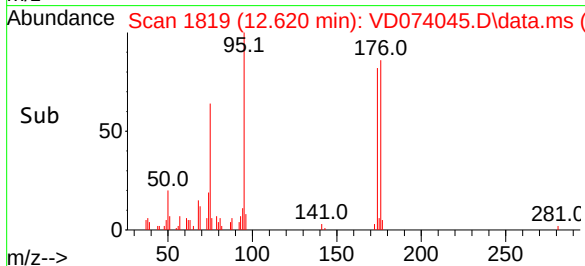
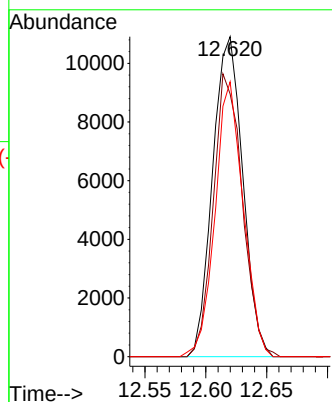
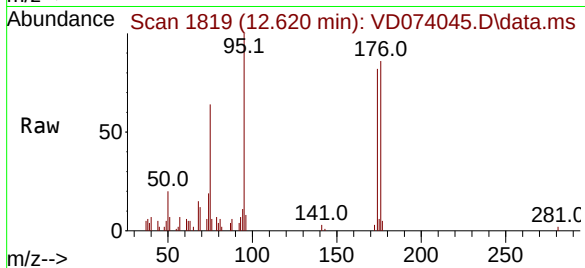
Tgt Ion: 95 Resp: 18781

Ion Ratio Lower Upper

95 100

174 85.2 0.0 162.6

176 80.4 0.0 160.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.632 min Scan# 1651

Delta R.T. -0.000 min

Lab File: VD074045.D

Acq: 11 Aug 2022 16:52

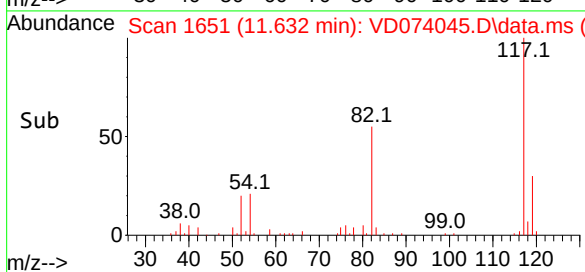
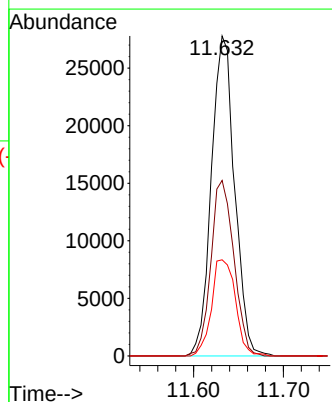
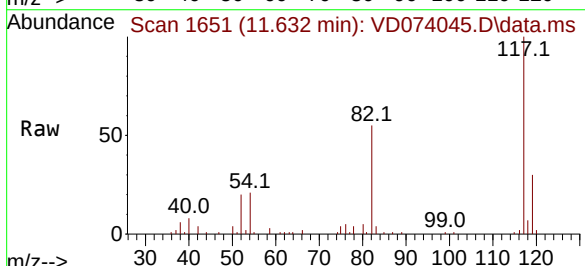
Tgt Ion: 117 Resp: 50009

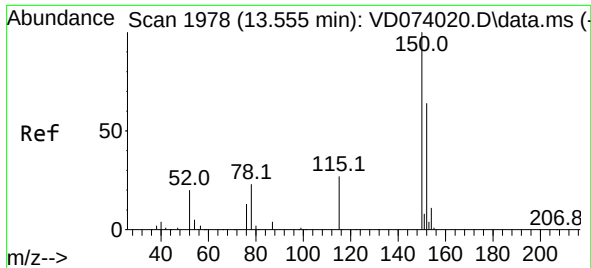
Ion Ratio Lower Upper

117 100

82 54.8 42.7 64.1

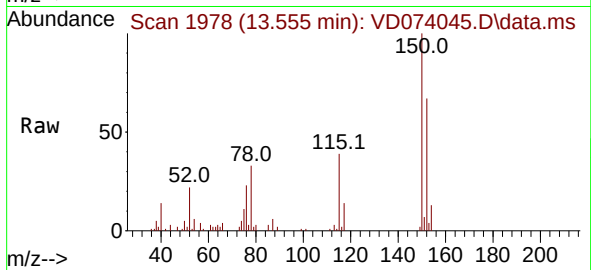
119 30.0 25.8 38.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.555 min Scan# 1978
 Delta R.T. 0.000 min
 Lab File: VD074045.D
 Acq: 11 Aug 2022 16:52

Instrument :
 MSVOA_D
 ClientSampleId :
 SB04



Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.1	29.9	89.8
150	153.4	0.0	342.8

