

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092622\
 Data File : VD074420.D
 Acq On : 26 Sep 2022 15:06
 Operator : VA/SY
 Sample : VIBLK
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK

Quant Time: Sep 27 03:23:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D092622S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 27 03:19:14 2022
 Response via : Initial Calibration

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

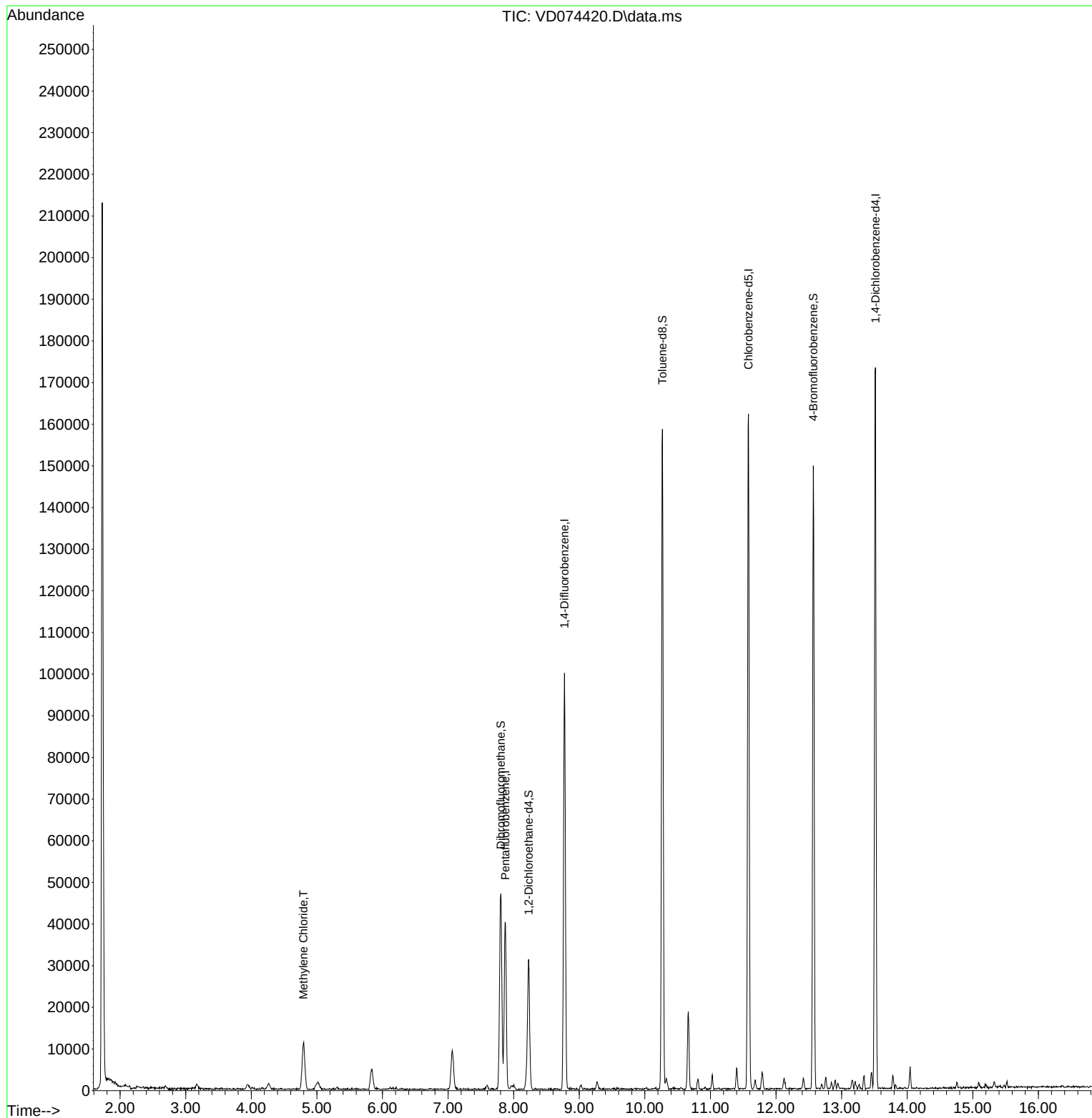
Internal Standards						
1) Pentafluorobenzene	7.875	168	33644	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	94531	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	102982	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	50691	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	24041	82.999	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 166.000%#		
35) Dibromofluoromethane	7.804	113	35046	55.446	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 110.900%		
50) Toluene-d8	10.269	98	118394	55.073	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 110.140%		
62) 4-Bromofluorobenzene	12.569	95	42984	58.250	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 116.500%		
Target Compounds						
20) Methylene Chloride	4.793	84	10355m	20.037	ug/l	Qvalue

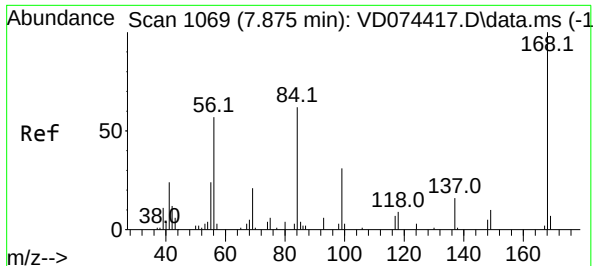
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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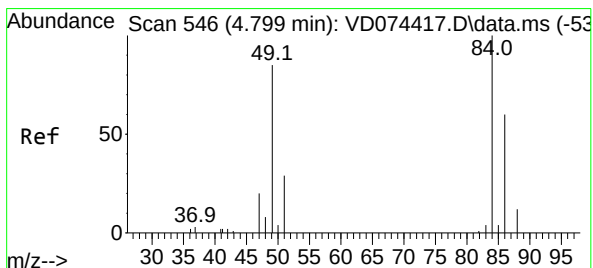
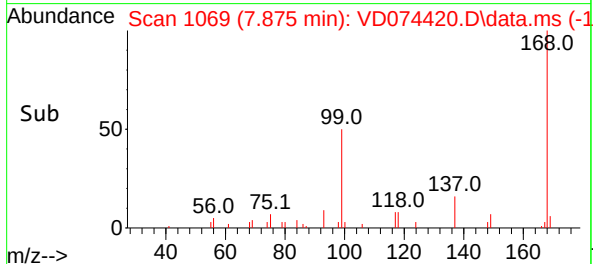
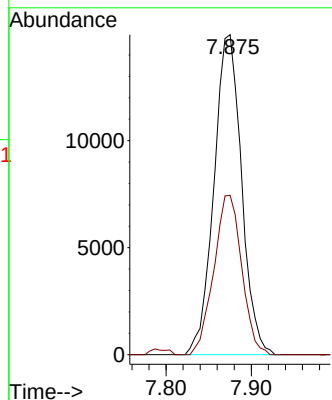
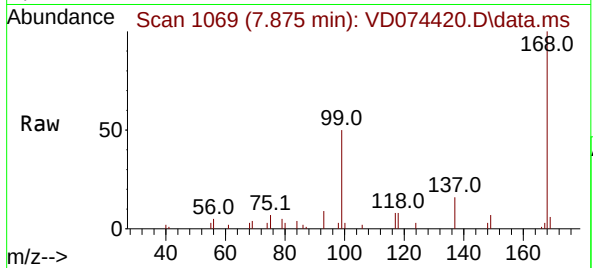




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074420.D
Acq: 26 Sep 2022 15:06

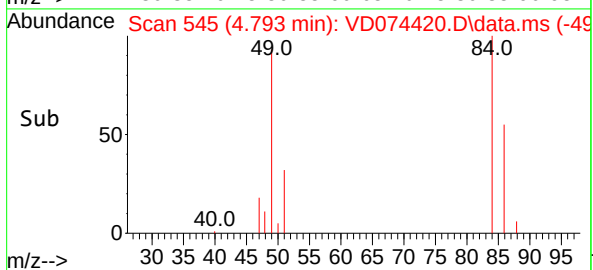
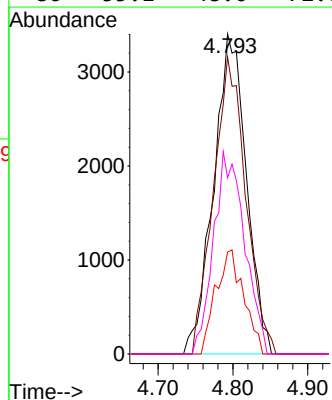
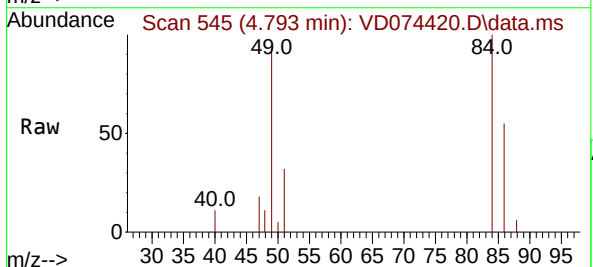
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

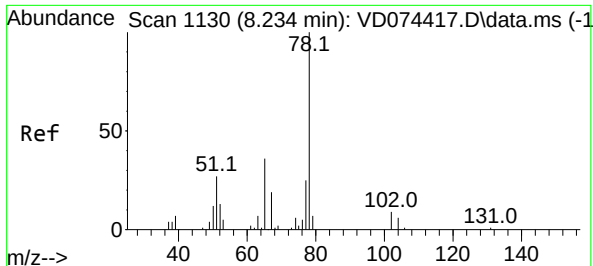
Tgt Ion:168 Resp: 33644
Ion Ratio Lower Upper
168 100
99 49.8 40.9 61.3



#20
Methylene Chloride
Concen: 20.037 ug/l m
RT: 4.793 min Scan# 545
Delta R.T. -0.006 min
Lab File: VD074420.D
Acq: 26 Sep 2022 15:06

Tgt Ion: 84 Resp: 10355
Ion Ratio Lower Upper
84 100
49 92.9 68.0 102.0
51 31.8 23.2 34.8
86 55.1 48.0 72.0





#33

1,2-Dichloroethane-d4

Concen: 82.999 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD074420.D

Acq: 26 Sep 2022 15:06

Instrument :

MSVOA_D

ClientSampleId :

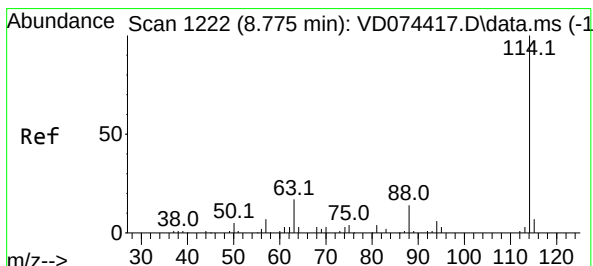
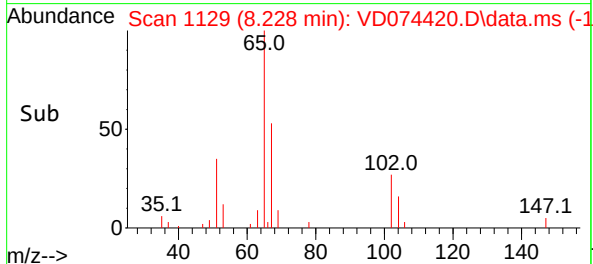
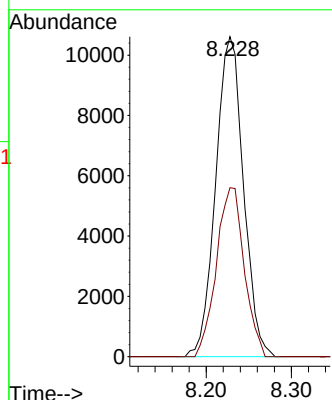
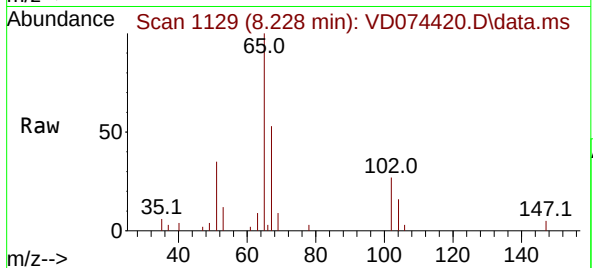
VIBLK

Tgt Ion: 65 Resp: 24041

Ion Ratio Lower Upper

65 100

67 52.9 0.0 110.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD074420.D

Acq: 26 Sep 2022 15:06

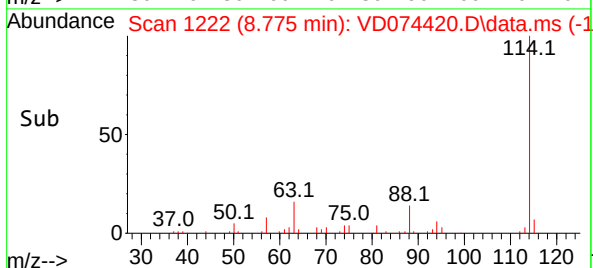
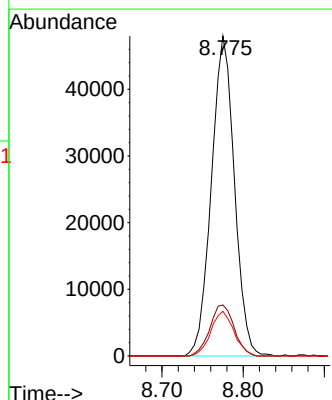
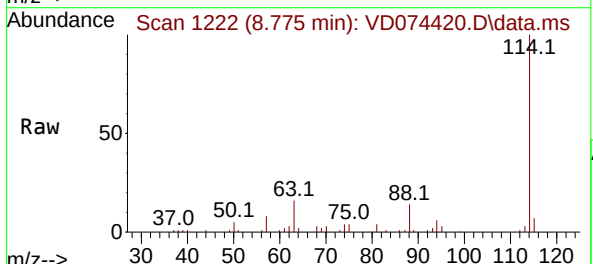
Tgt Ion: 114 Resp: 94531

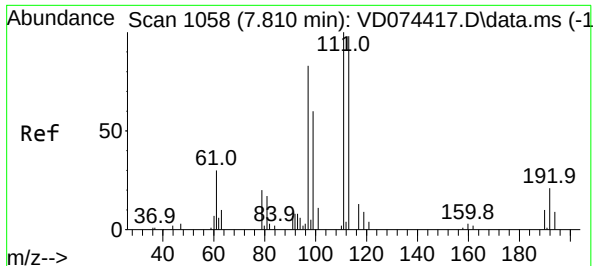
Ion Ratio Lower Upper

114 100

63 16.0 0.0 33.2

88 14.0 0.0 28.2



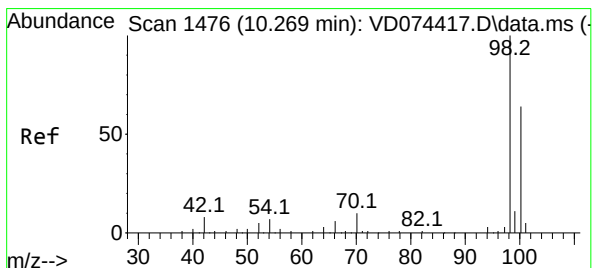
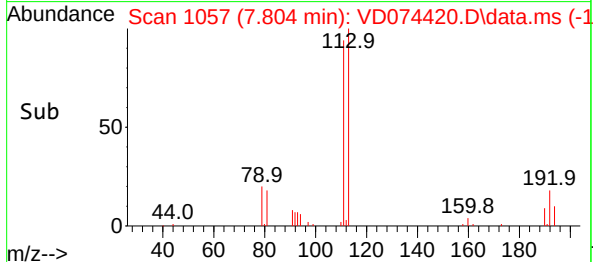
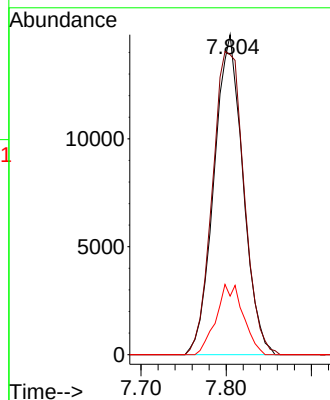
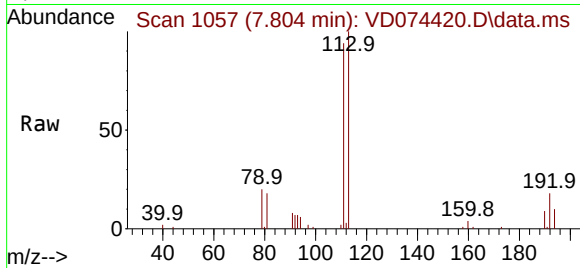


#35
 Dibromofluoromethane
 Concen: 55.446 ug/l
 RT: 7.804 min Scan# 1057
 Delta R.T. -0.006 min
 Lab File: VD074420.D
 Acq: 26 Sep 2022 15:06

Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK

Tgt Ion: 113 Resp: 35046

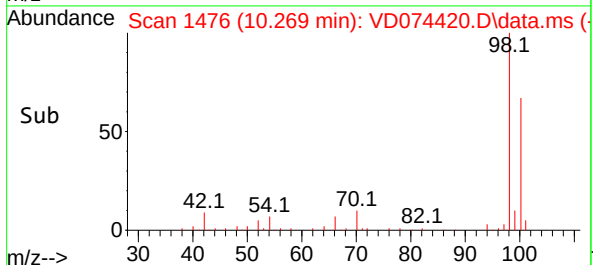
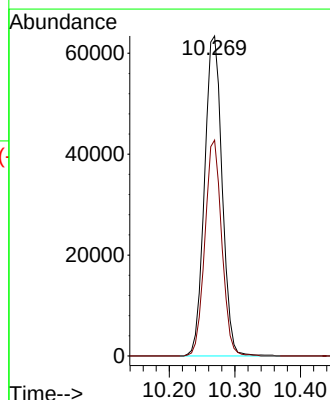
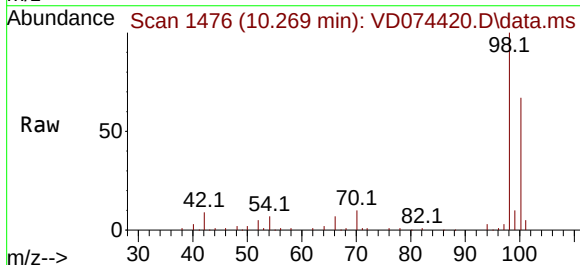
Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.3	123.5
192	20.5	16.4	24.6

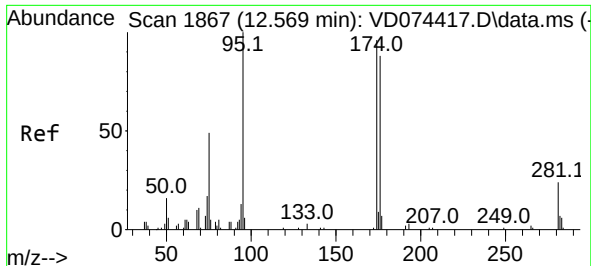


#50
 Toluene-d8
 Concen: 55.073 ug/l
 RT: 10.269 min Scan# 1476
 Delta R.T. 0.000 min
 Lab File: VD074420.D
 Acq: 26 Sep 2022 15:06

Tgt Ion: 98 Resp: 118394

Ion	Ratio	Lower	Upper
98	100		
100	64.6	51.4	77.0

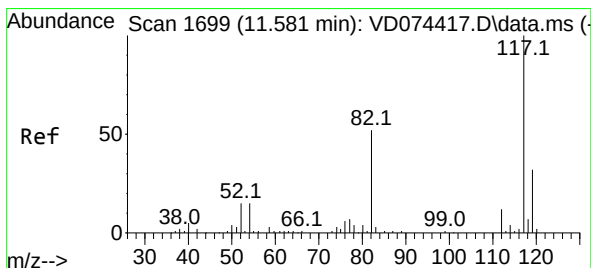
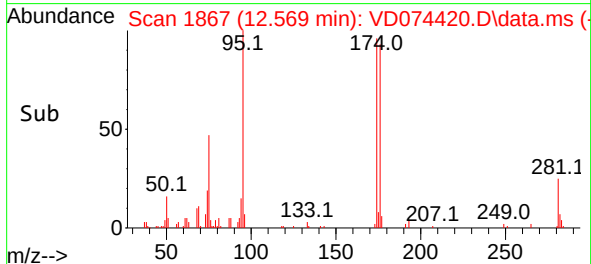
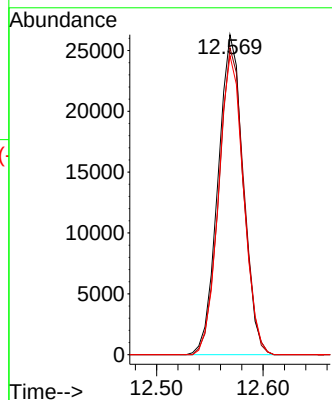
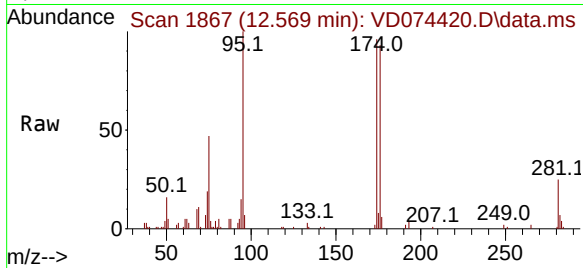




#62
4-Bromofluorobenzene
Concen: 58.250 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD074420.D
Acq: 26 Sep 2022 15:06

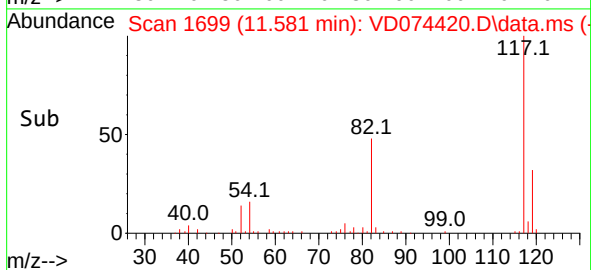
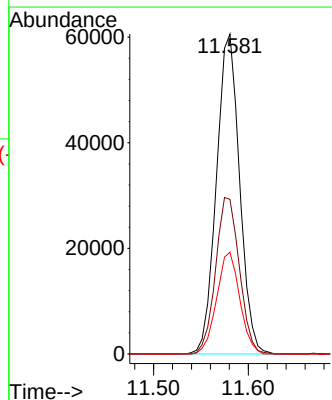
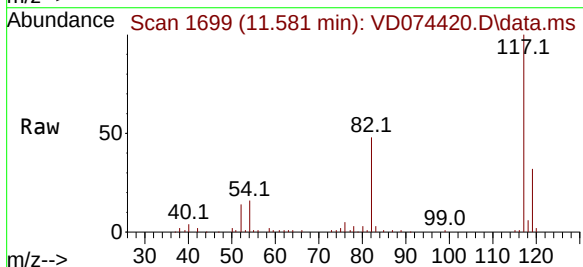
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

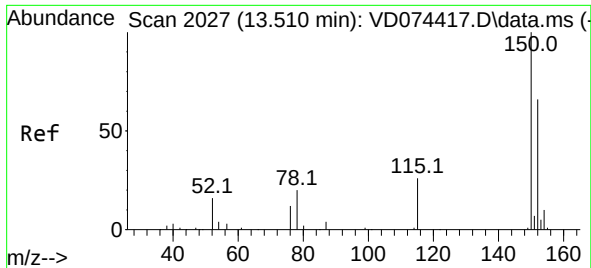
Tgt Ion: 95 Resp: 42984
Ion Ratio Lower Upper
95 100
174 94.9 0.0 197.0
176 92.9 0.0 182.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD074420.D
Acq: 26 Sep 2022 15:06

Tgt Ion: 117 Resp: 102982
Ion Ratio Lower Upper
117 100
82 48.3 41.6 62.4
119 31.8 25.2 37.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 20

Delta R.T. 0.006 min

Lab File: VD074420.D

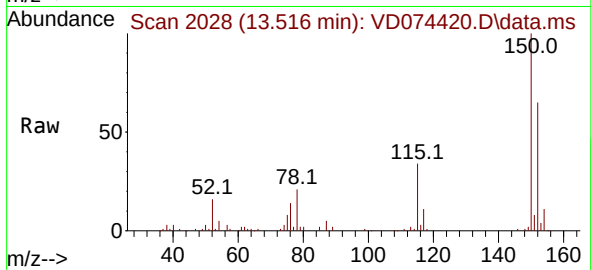
Acq: 26 Sep 2022 15:06

Instrument :

MSVOA_D

ClientSampleId :

VIBLK



Tgt Ion:152 Resp: 50691

Ion Ratio Lower Upper

152 100

115 55.0 26.8 80.4

150 159.9 0.0 348.2

