

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081122\
 Data File : VD074038.D
 Acq On : 11 Aug 2022 13:29
 Operator : VA/SY
 Sample : N4130-01
 Misc : 5.04G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB02

Quant Time: Aug 11 18:02:13 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)

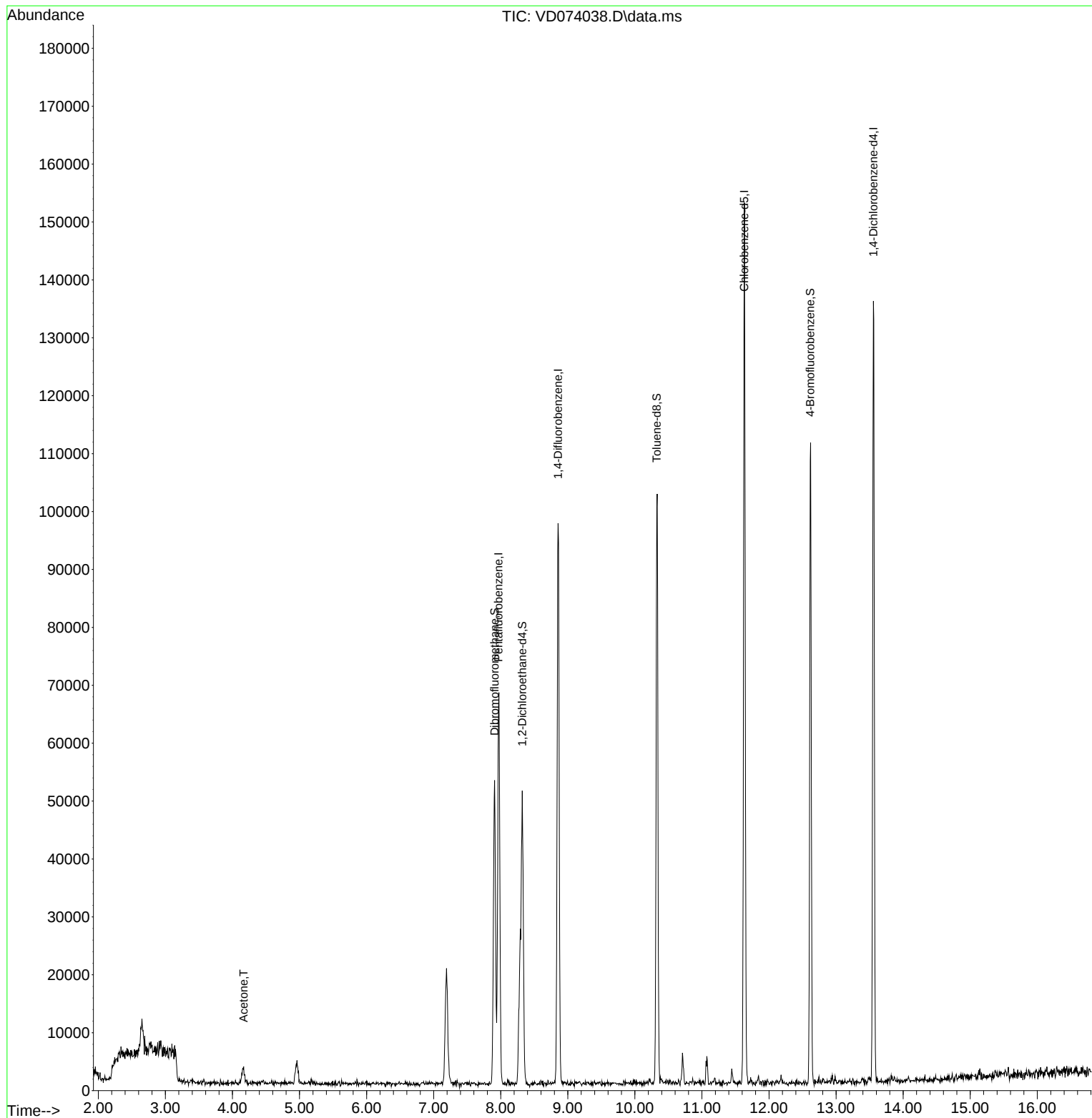
Internal Standards						
1) Pentafluorobenzene	7.967	168	46733	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	86397	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	84057	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	37153	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	35866	105.534	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	211.060%#
35) Dibromofluoromethane	7.909	113	35825	62.430	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	124.860%
50) Toluene-d8	10.326	98	70583	46.637	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	93.280%
62) 4-Bromofluorobenzene	12.614	95	34417	48.771	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.540%
Target Compounds						Qvalue
16) Acetone	4.168	43	4941	66.077	ug/l	97

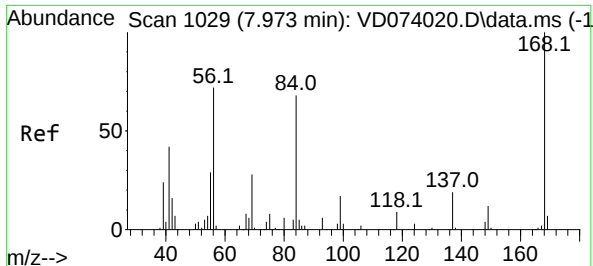
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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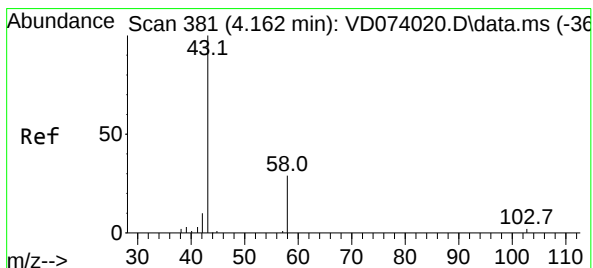
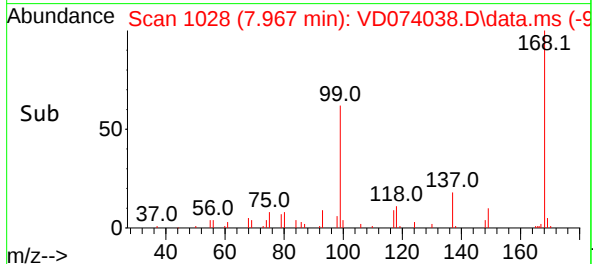
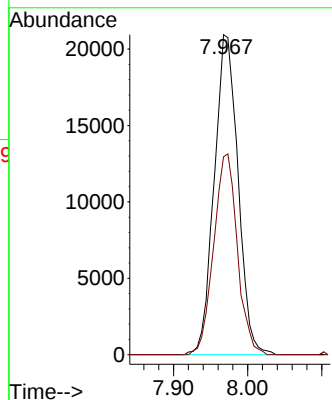
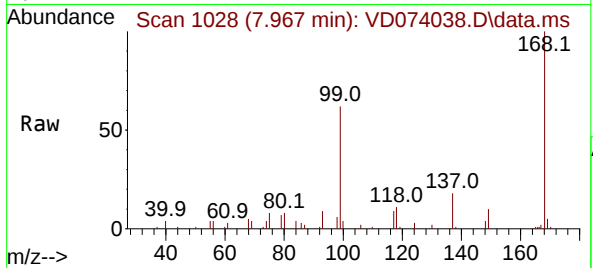




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.006 min
Lab File: VD074038.D
Acq: 11 Aug 2022 13:29

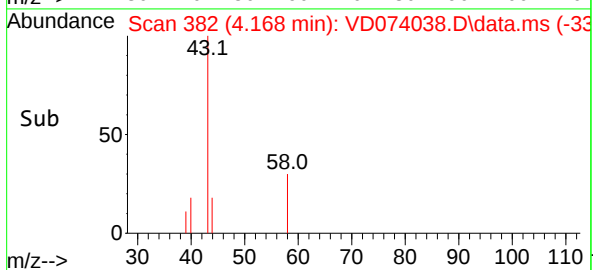
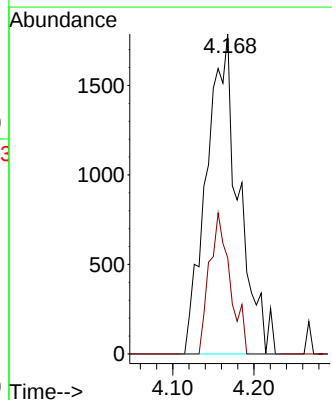
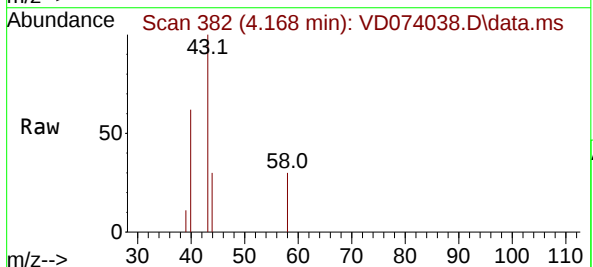
Instrument :
MSVOA_D
ClientSampleId :
SB02

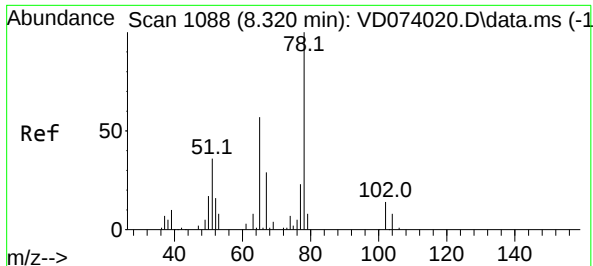
Tgt Ion:168 Resp: 46733
Ion Ratio Lower Upper
168 100
99 61.9 48.3 72.5



#16
Acetone
Concen: 66.077 ug/l
RT: 4.168 min Scan# 382
Delta R.T. 0.006 min
Lab File: VD074038.D
Acq: 11 Aug 2022 13:29

Tgt Ion: 43 Resp: 4941
Ion Ratio Lower Upper
43 100
58 30.0 22.8 34.2





#33

1,2-Dichloroethane-d4

Concen: 105.534 ug/l

RT: 8.320 min Scan# 1088

Delta R.T. 0.000 min

Lab File: VD074038.D

Acq: 11 Aug 2022 13:29

Instrument :

MSVOA_D

ClientSampleId :

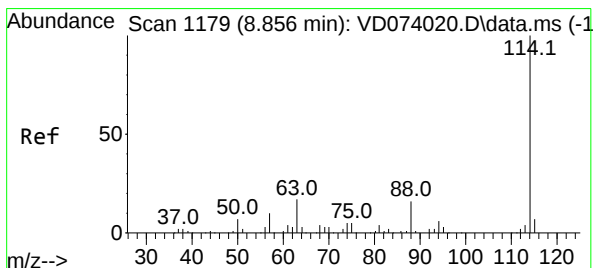
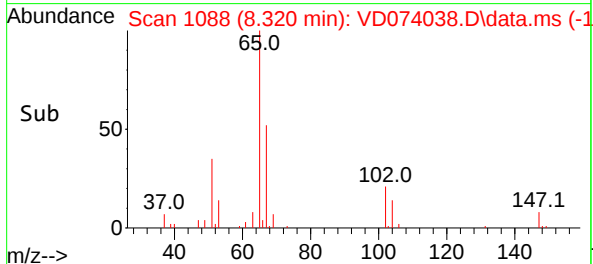
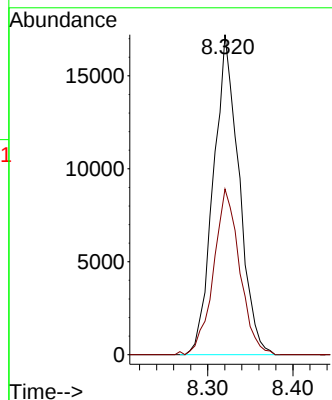
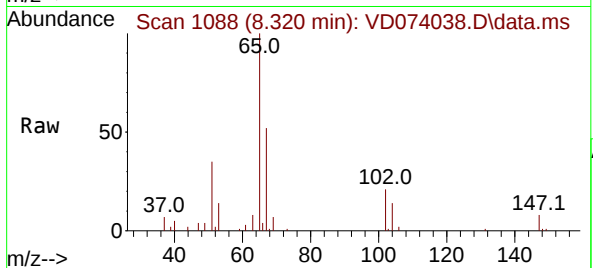
SB02

Tgt Ion: 65 Resp: 35866

Ion Ratio Lower Upper

65 100

67 52.9 0.0 113.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.856 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VD074038.D

Acq: 11 Aug 2022 13:29

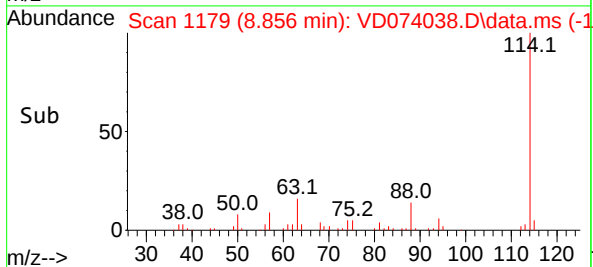
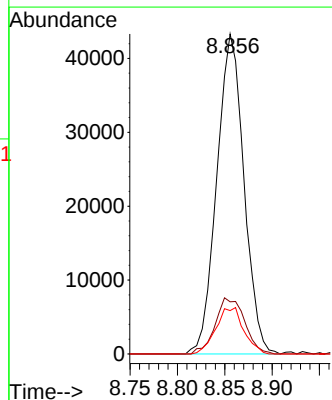
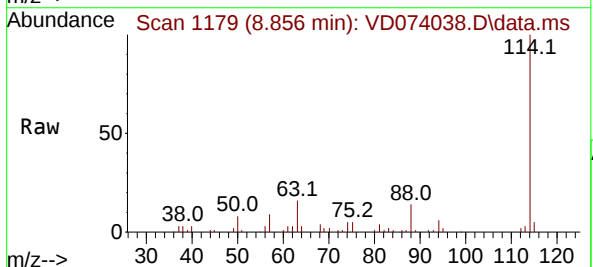
Tgt Ion: 114 Resp: 86397

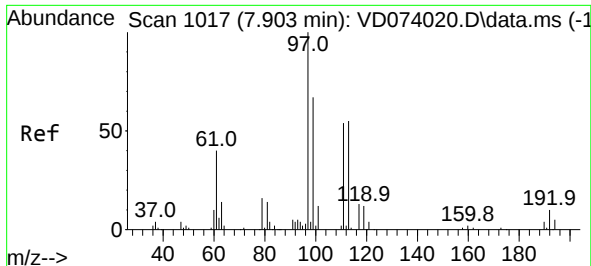
Ion Ratio Lower Upper

114 100

63 16.3 0.0 41.0

88 13.5 0.0 31.6





#35

Dibromofluoromethane

Concen: 62.430 ug/l

RT: 7.909 min Scan# 1017

Delta R.T. 0.006 min

Lab File: VD074038.D

Acq: 11 Aug 2022 13:29

Instrument :

MSVOA_D

ClientSampleId :

SB02

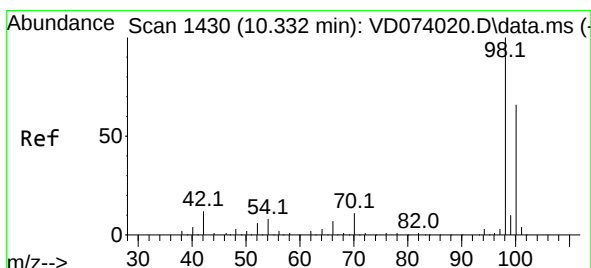
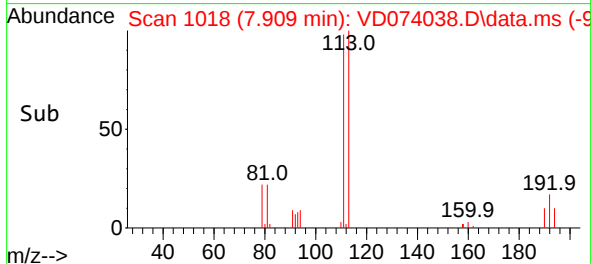
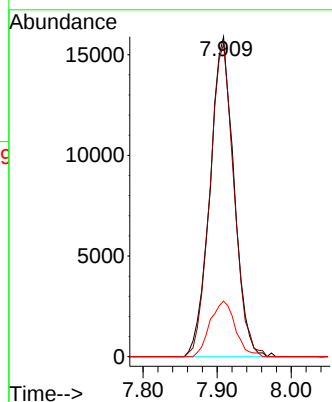
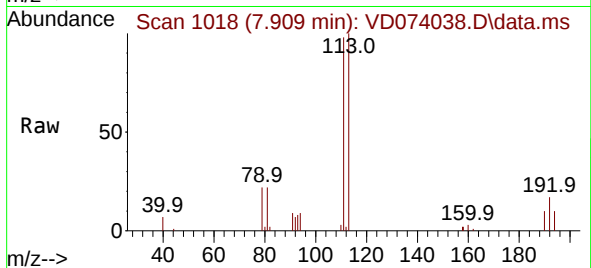
Tgt Ion:113 Resp: 35825

Ion Ratio Lower Upper

113 100

111 97.8 80.0 120.0

192 18.3 14.2 21.4



#50

Toluene-d8

Concen: 46.637 ug/l

RT: 10.326 min Scan# 1429

Delta R.T. -0.006 min

Lab File: VD074038.D

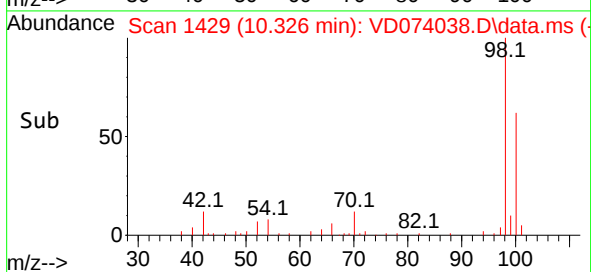
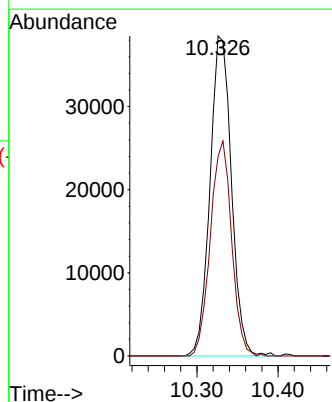
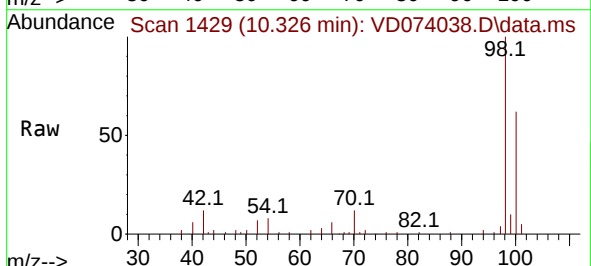
Acq: 11 Aug 2022 13:29

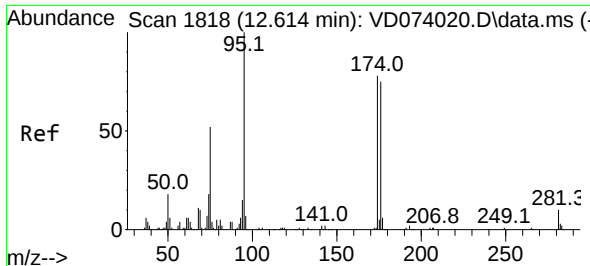
Tgt Ion: 98 Resp: 70583

Ion Ratio Lower Upper

98 100

100 66.5 51.3 76.9

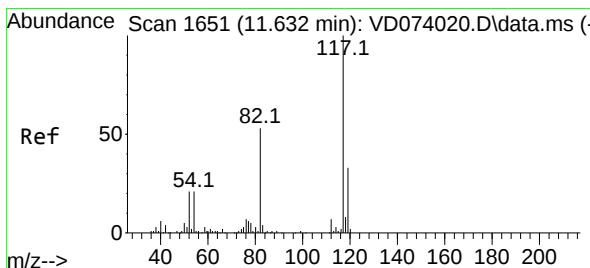
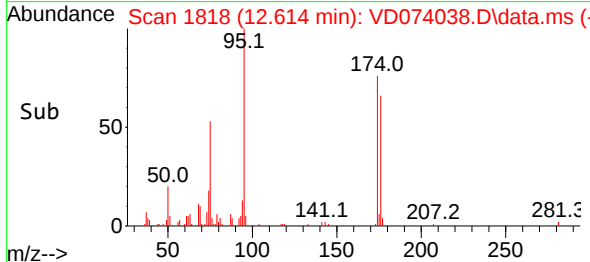
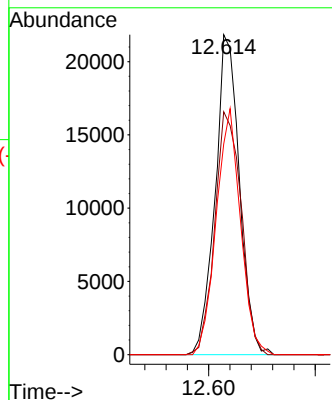
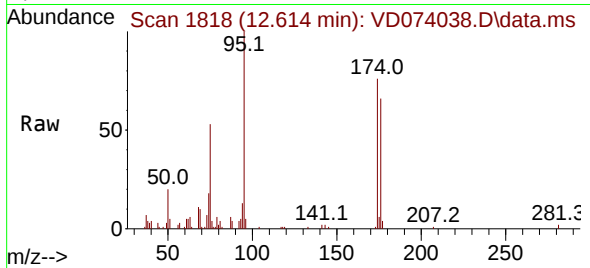




#62
4-Bromofluorobenzene
Concen: 48.771 ug/l
RT: 12.614 min Scan# 1818
Delta R.T. 0.000 min
Lab File: VD074038.D
Acq: 11 Aug 2022 13:29

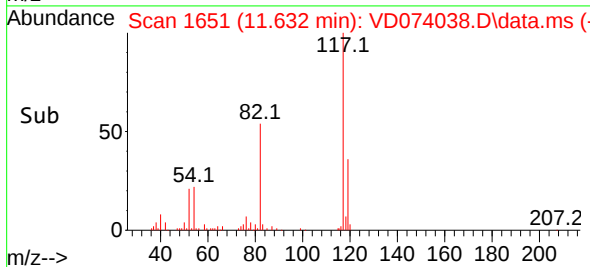
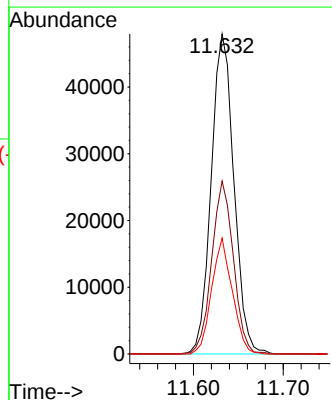
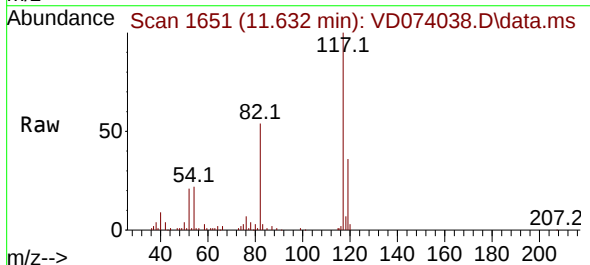
Instrument :
MSVOA_D
ClientSampleId :
SB02

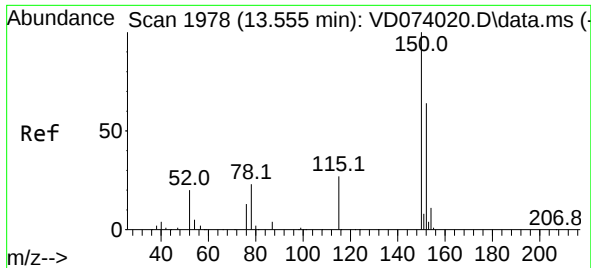
Tgt Ion: 95 Resp: 34417
Ion Ratio Lower Upper
95 100
174 82.9 0.0 162.6
176 77.2 0.0 160.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.000 min
Lab File: VD074038.D
Acq: 11 Aug 2022 13:29

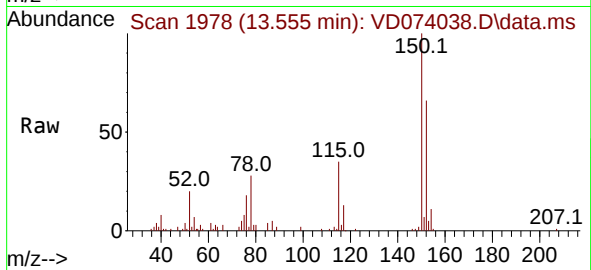
Tgt Ion: 117 Resp: 84057
Ion Ratio Lower Upper
117 100
82 54.0 42.7 64.1
119 36.2 25.8 38.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.555 min Scan# 1978
 Delta R.T. 0.000 min
 Lab File: VD074038.D
 Acq: 11 Aug 2022 13:29

Instrument :
 MSVOA_D
 ClientSampleId :
 SB02



Tgt Ion:	152	Resp:	37153
Ion	Ratio	Lower	Upper
152	100		
115	56.5	29.9	89.8
150	153.0	0.0	342.8

