

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081122\
 Data File : VD074054.D
 Acq On : 11 Aug 2022 21:14
 Operator : VA/SY
 Sample : N4130-15RE
 Misc : 4.99G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB01RE

Quant Time: Aug 12 01:20:30 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)

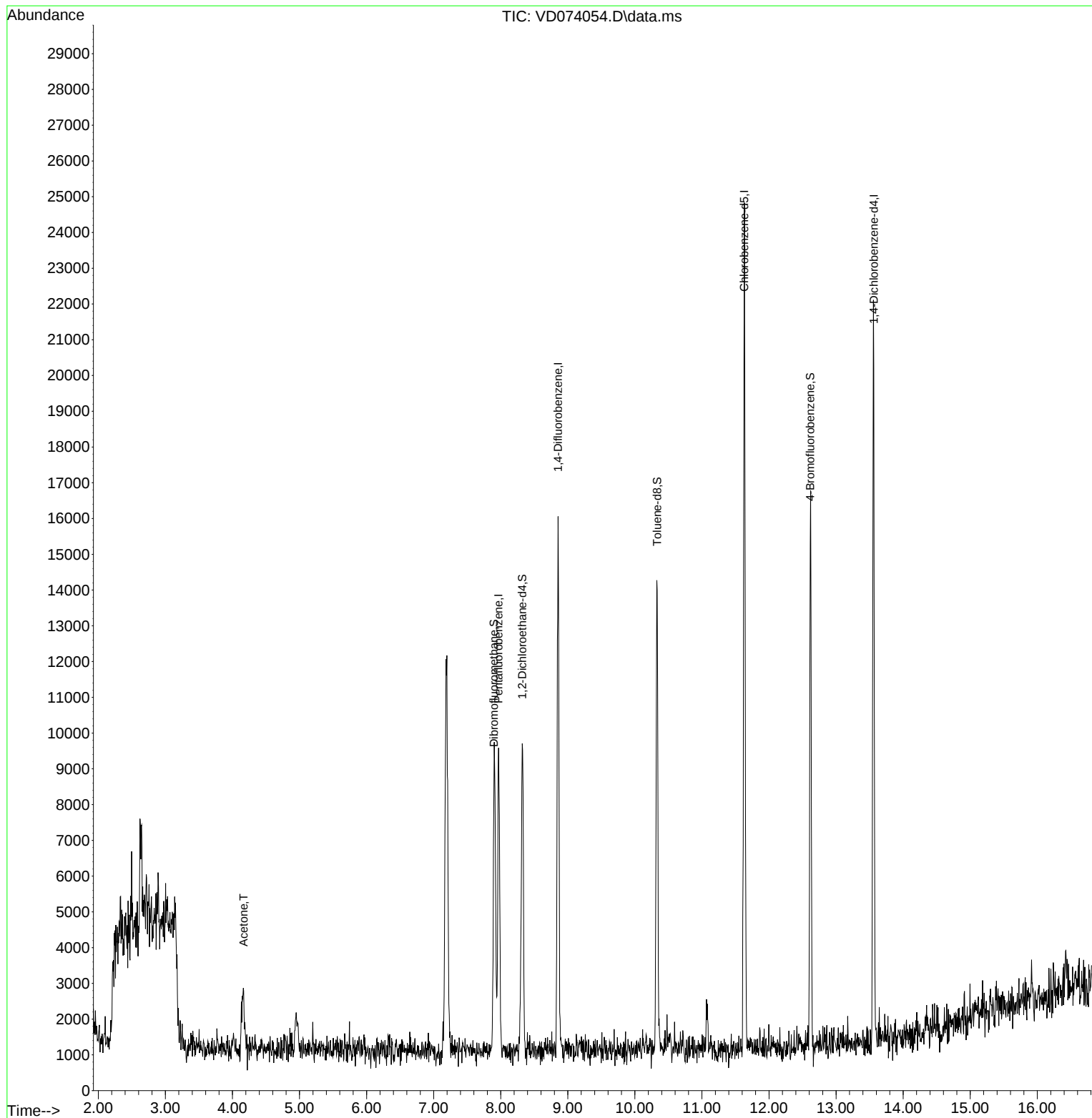
Internal Standards						
1) Pentafluorobenzene	7.967	168	6431	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.856	114	12062	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	13040	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	5461	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	7192	157.751	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	315.500%#
35) Dibromofluoromethane	7.897	113	5960	74.394	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	148.780%#
50) Toluene-d8	10.332	98	9536	44.925	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	89.860%
62) 4-Bromofluorobenzene	12.614	95	4972	50.467	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	100.940%
Target Compounds						
16) Acetone	4.168	43	3066	297.958	ug/l	# 87

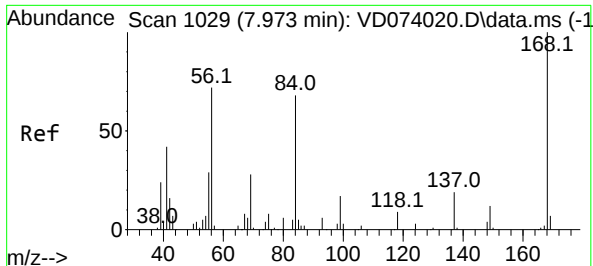
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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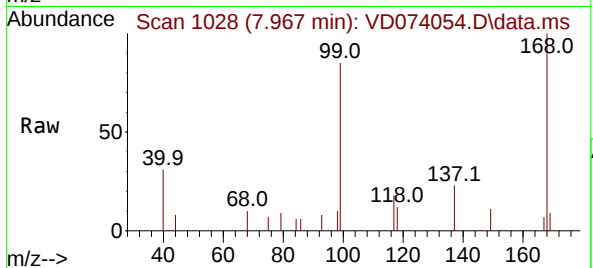
Quant Time: Aug 12 01:20:30 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081022S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 10 14:55:58 2022
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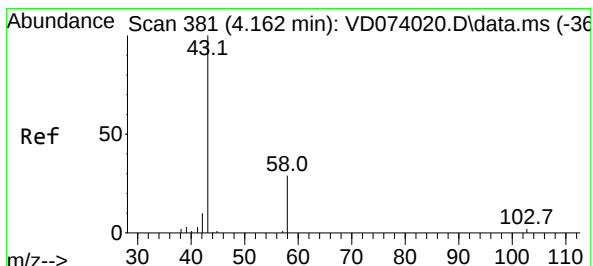
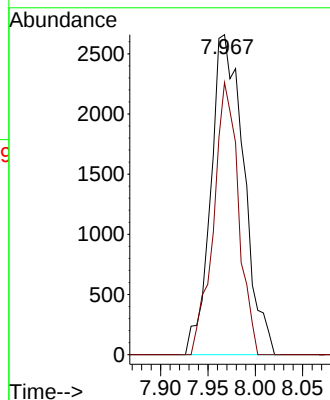
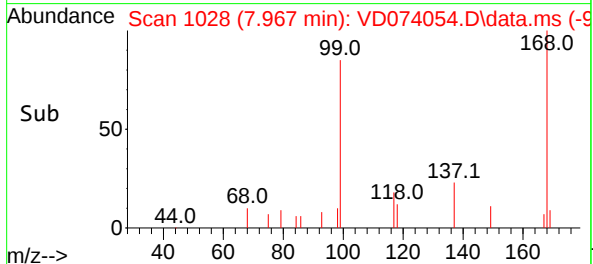


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.006 min
Lab File: VD074054.D
Acq: 11 Aug 2022 21:14

Instrument :
MSVOA_D
ClientSampleId :
SB01RE

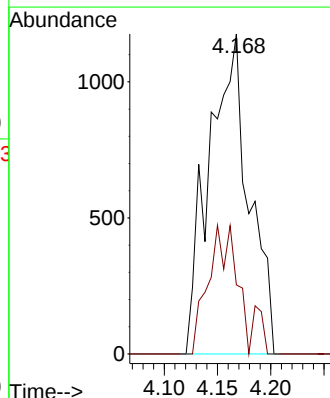
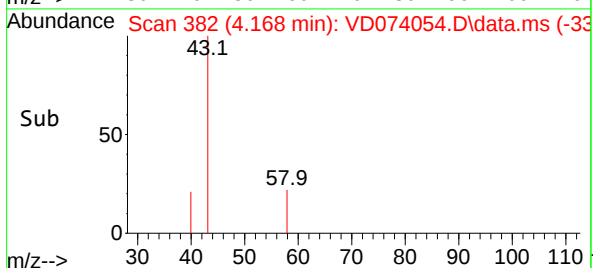
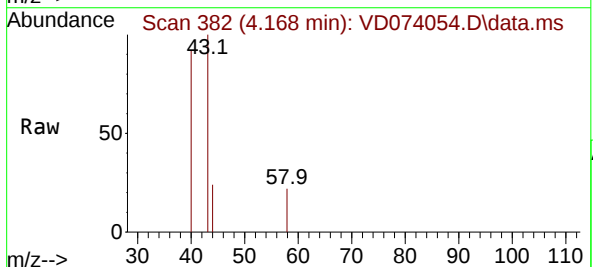


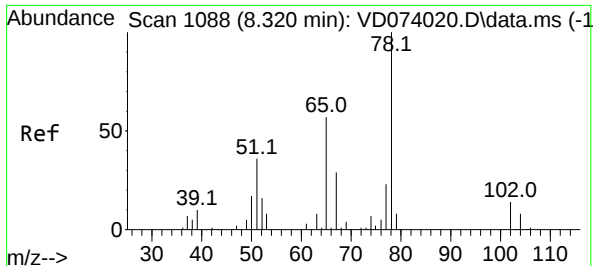
Tgt Ion:168 Resp: 6431
Ion Ratio Lower Upper
168 100
99 85.1 48.3 72.5#



#16
Acetone
Concen: 297.958 ug/l
RT: 4.168 min Scan# 382
Delta R.T. 0.006 min
Lab File: VD074054.D
Acq: 11 Aug 2022 21:14

Tgt Ion: 43 Resp: 3066
Ion Ratio Lower Upper
43 100
58 21.6 22.8 34.2#





#33

1,2-Dichloroethane-d4

Concen: 157.751 ug/l

RT: 8.320 min Scan# 1088

Delta R.T. 0.000 min

Lab File: VD074054.D

Acq: 11 Aug 2022 21:14

Instrument :

MSVOA_D

ClientSampleId :

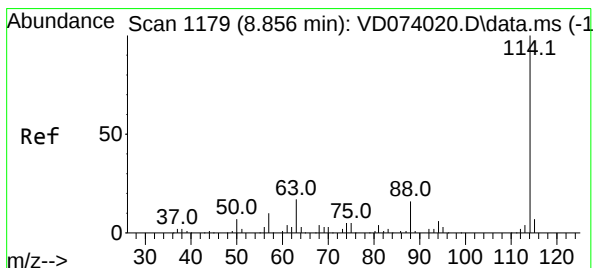
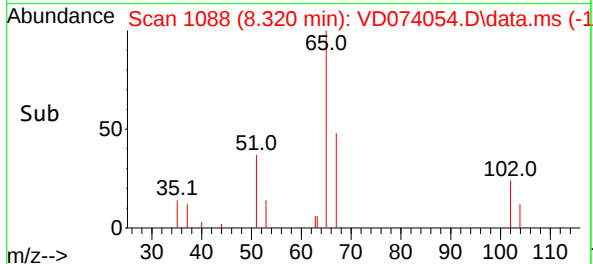
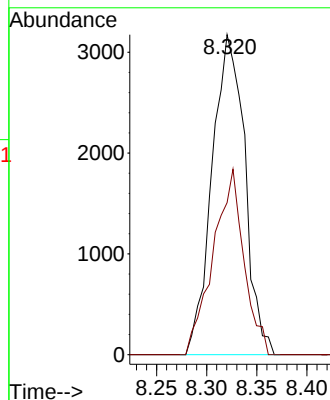
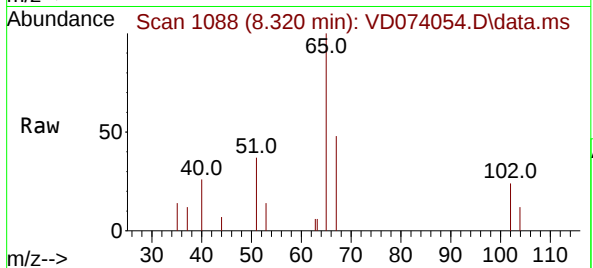
SB01RE

Tgt Ion: 65 Resp: 7192

Ion Ratio Lower Upper

65 100

67 54.4 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: VD074054.D

Acq: 11 Aug 2022 21:14

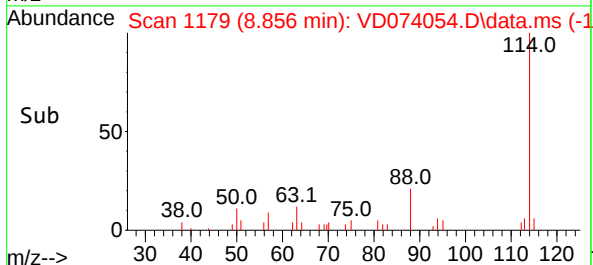
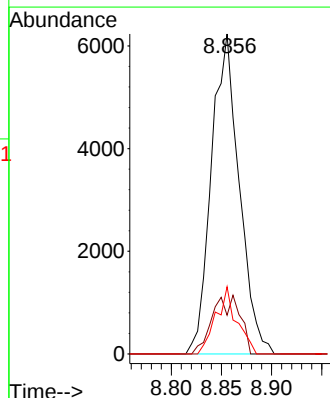
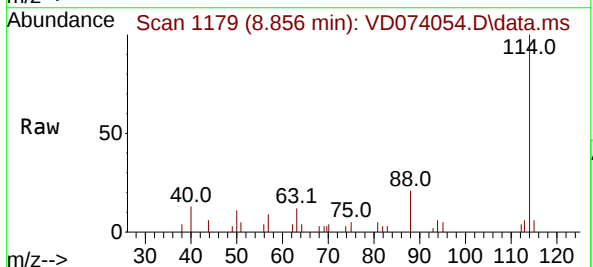
Tgt Ion: 114 Resp: 12062

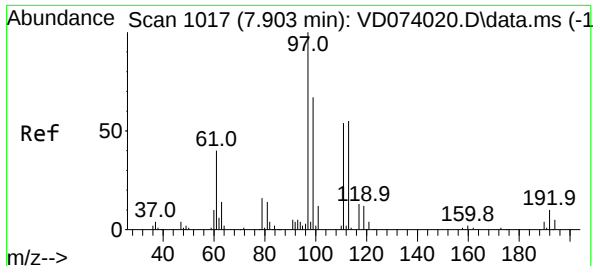
Ion Ratio Lower Upper

114 100

63 12.1 0.0 41.0

88 21.0 0.0 31.6





#35

Dibromofluoromethane

Concen: 74.394 ug/l

RT: 7.897 min Scan# 1016

Delta R.T. -0.006 min

Lab File: VD074054.D

Acq: 11 Aug 2022 21:14

Instrument :

MSVOA_D

ClientSampleId :

SB01RE

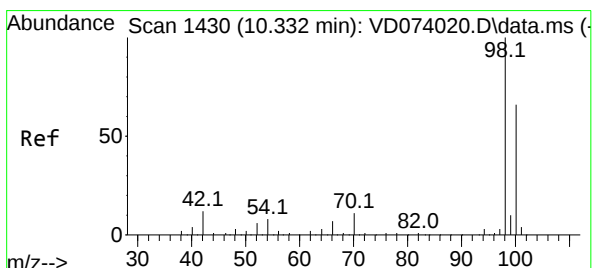
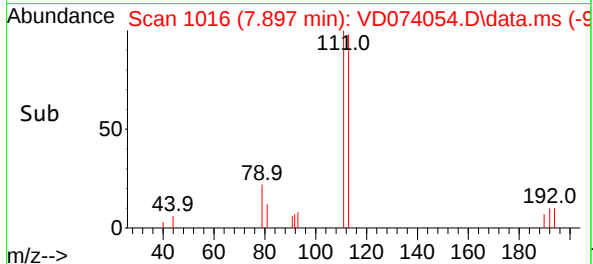
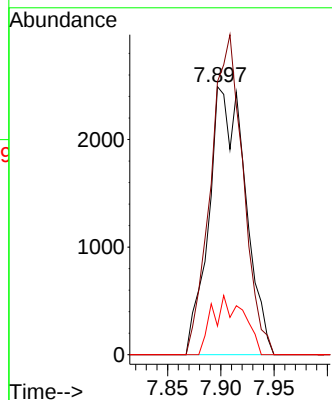
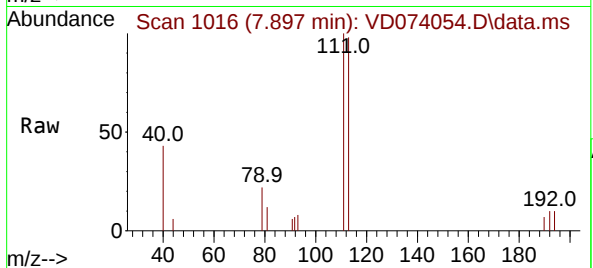
Tgt Ion:113 Resp: 5960

Ion Ratio Lower Upper

113 100

111 105.5 80.0 120.0

192 18.8 14.2 21.4



#50

Toluene-d8

Concen: 44.925 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VD074054.D

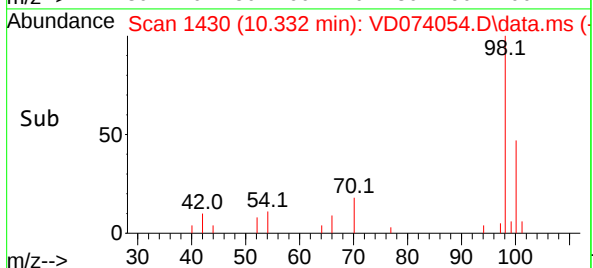
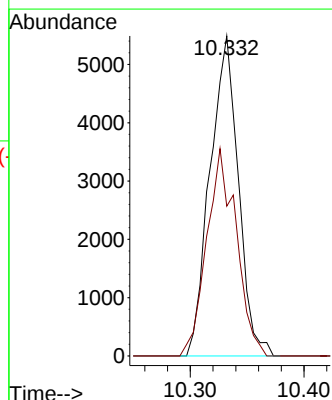
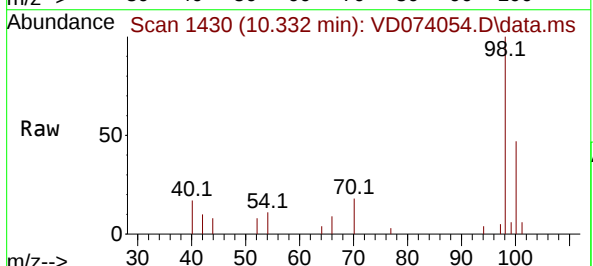
Acq: 11 Aug 2022 21:14

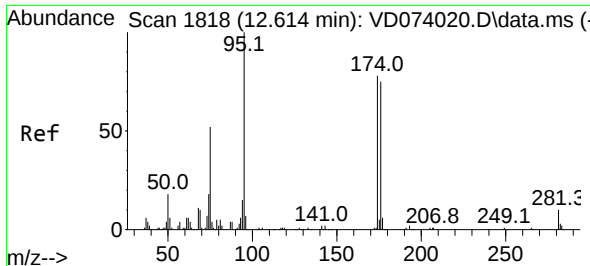
Tgt Ion: 98 Resp: 9536

Ion Ratio Lower Upper

98 100

100 67.4 51.3 76.9

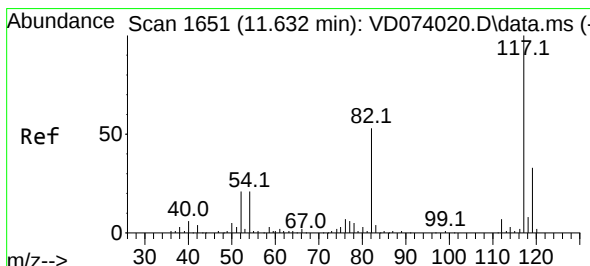
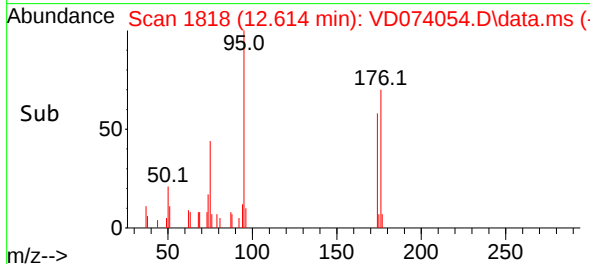
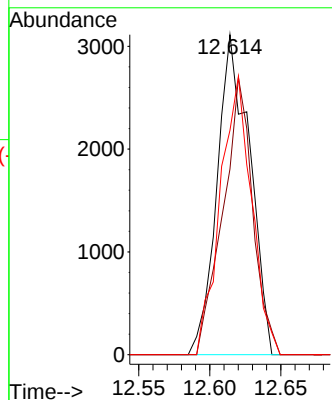
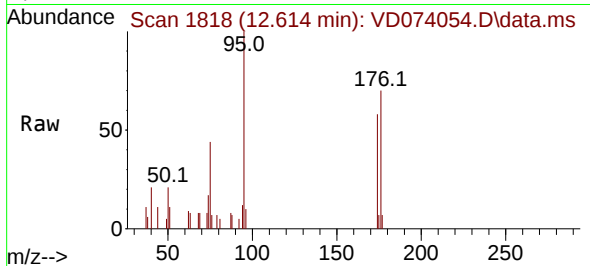




#62
4-Bromofluorobenzene
Concen: 50.467 ug/l
RT: 12.614 min Scan# 1818
Delta R.T. 0.000 min
Lab File: VD074054.D
Acq: 11 Aug 2022 21:14

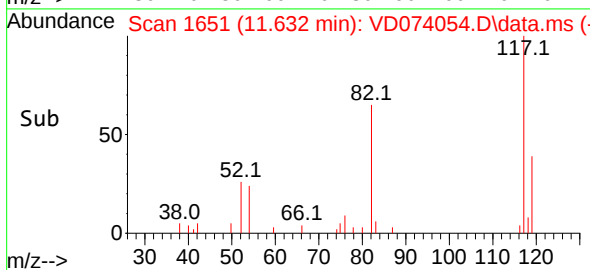
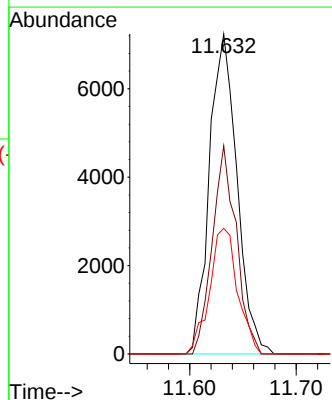
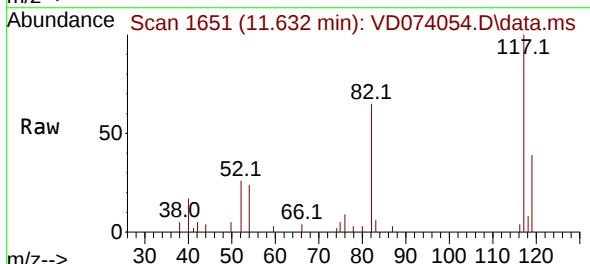
Instrument :
MSVOA_D
ClientSampleId :
SB01RE

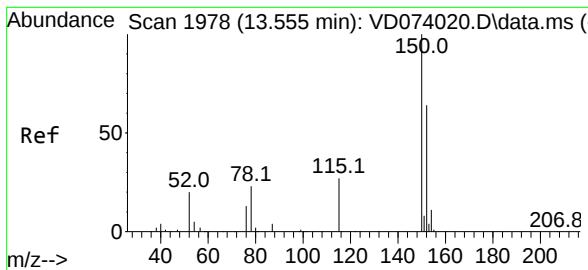
Tgt Ion: 95 Resp: 4972
Ion Ratio Lower Upper
95 100
174 79.0 0.0 162.6
176 83.6 0.0 160.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.000 min
Lab File: VD074054.D
Acq: 11 Aug 2022 21:14

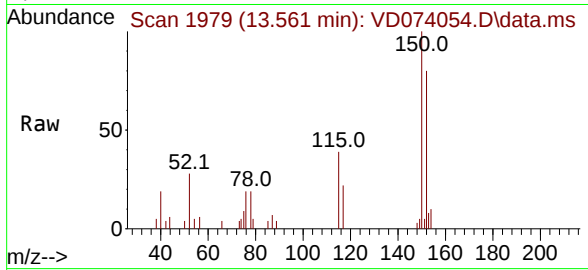
Tgt Ion: 117 Resp: 13040
Ion Ratio Lower Upper
117 100
82 65.0 42.7 64.1#
119 39.2 25.8 38.8#





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. 0.006 min
 Lab File: VD074054.D
 Acq: 11 Aug 2022 21:14

Instrument :
 MSVOA_D
 ClientSampleId :
 SB01RE



Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.6	29.9	89.8
150	156.5	0.0	342.8

