

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081222\
 Data File : VD074072.D
 Acq On : 12 Aug 2022 19:43
 Operator : VA/SY
 Sample : N4150-01
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CL-01-081022

Quant Time: Aug 12 23:48:57 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)

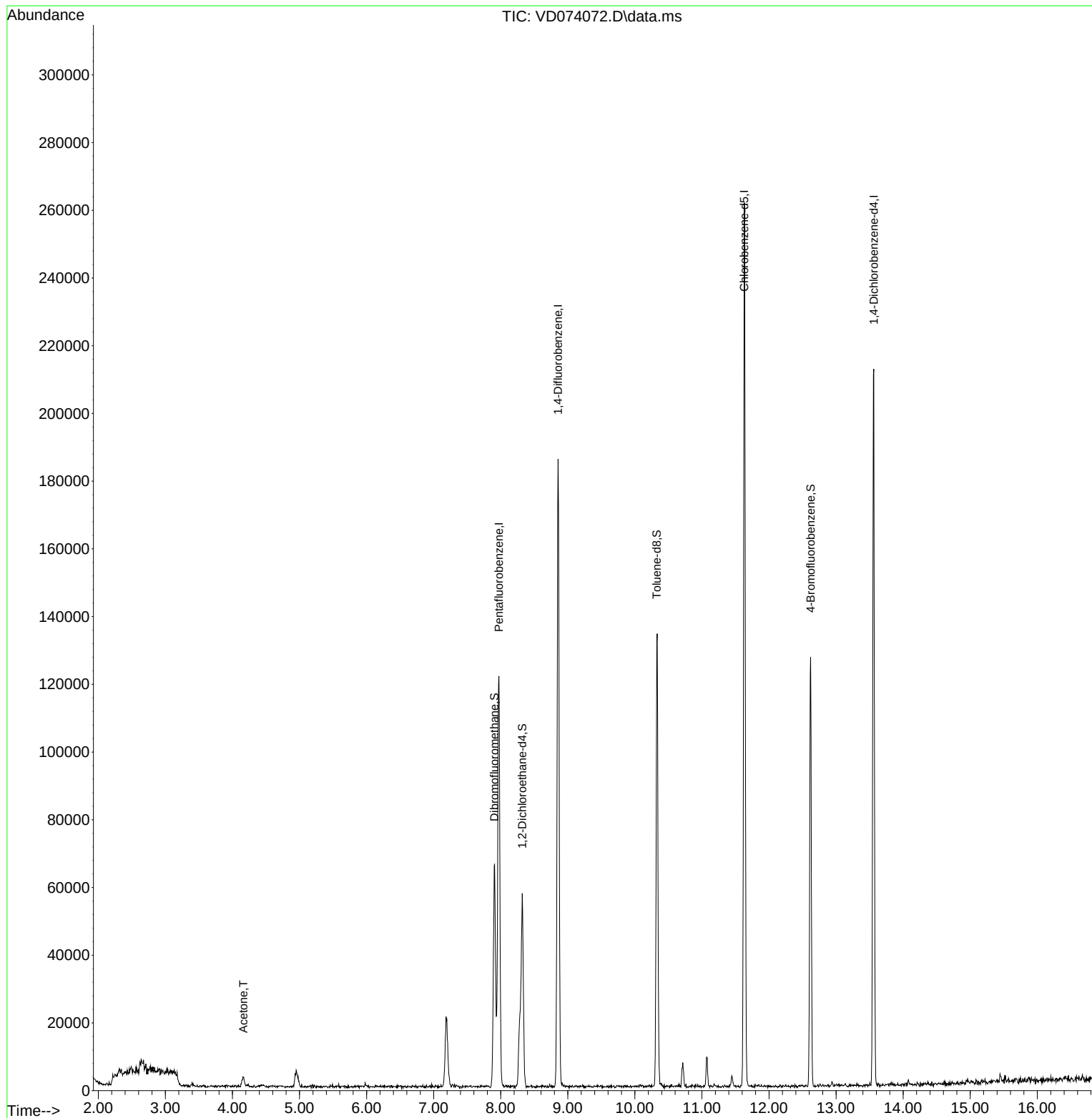
Internal Standards						
1) Pentafluorobenzene	7.973	168	85580	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	160252	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	147355	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	57099	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	41626	63.705	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	127.400%
35) Dibromofluoromethane	7.903	113	44141	41.471	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	82.940%
50) Toluene-d8	10.326	98	90400	30.226	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	60.460%
62) 4-Bromofluorobenzene	12.620	95	39924	30.502	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	61.000%
Target Compounds						
16) Acetone	4.162	43	5016	36.631	ug/l	Qvalue 92

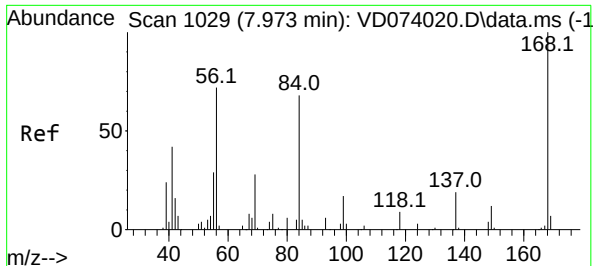
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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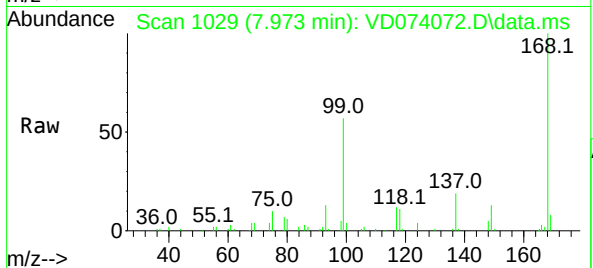
Quant Time: Aug 12 23:48:57 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081022S.M
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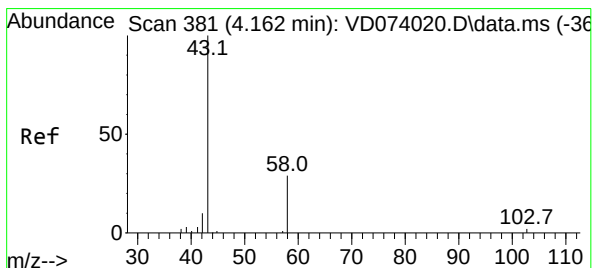
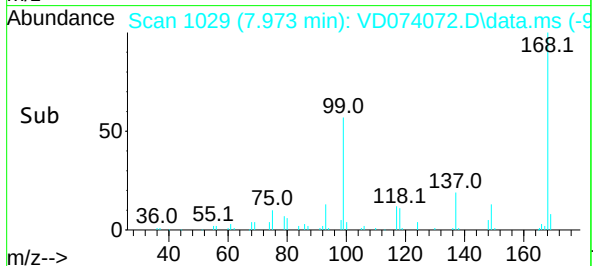
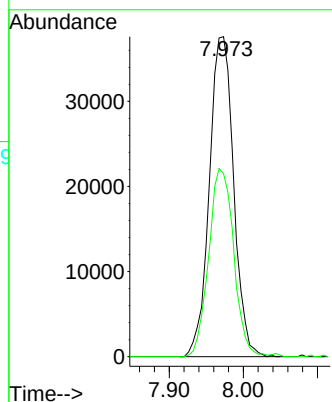


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD074072.D
Acq: 12 Aug 2022 19:43

Instrument :
MSVOA_D
ClientSampleId :
CL-01-081022

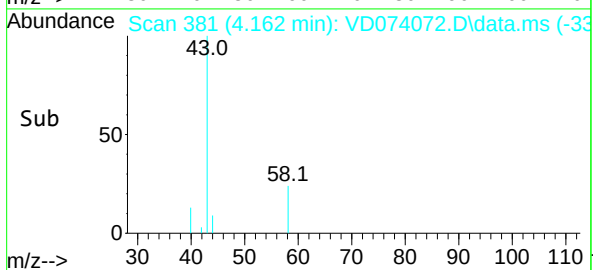
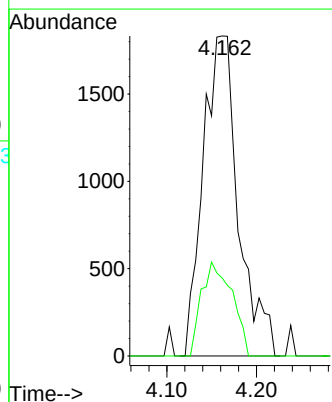
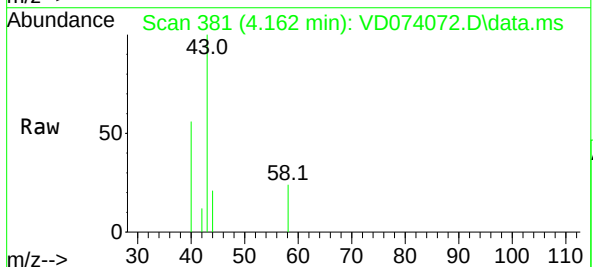


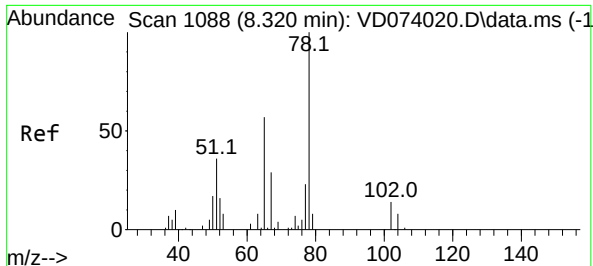
Tgt Ion:168 Resp: 85580
Ion Ratio Lower Upper
168 100
99 57.2 48.3 72.5



#16
Acetone
Concen: 36.631 ug/l
RT: 4.162 min Scan# 381
Delta R.T. -0.000 min
Lab File: VD074072.D
Acq: 12 Aug 2022 19:43

Tgt Ion: 43 Resp: 5016
Ion Ratio Lower Upper
43 100
58 24.4 22.8 34.2





#33

1,2-Dichloroethane-d4

Concen: 63.705 ug/l

RT: 8.320 min Scan# 1108

Delta R.T. 0.000 min

Lab File: VD074072.D

Acq: 12 Aug 2022 19:43

Instrument :

MSVOA_D

ClientSampleId :

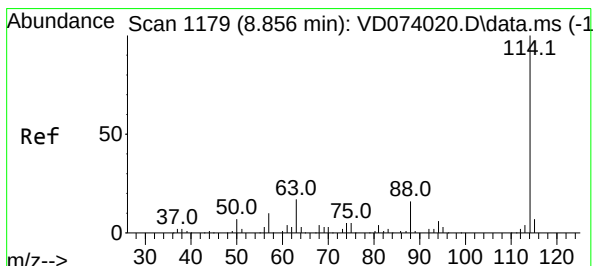
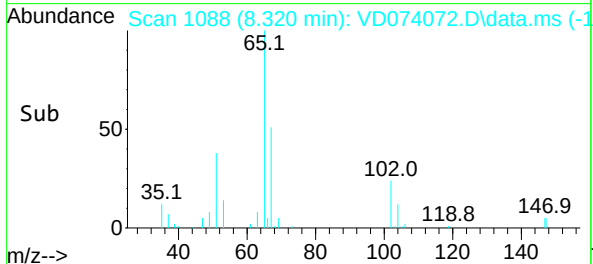
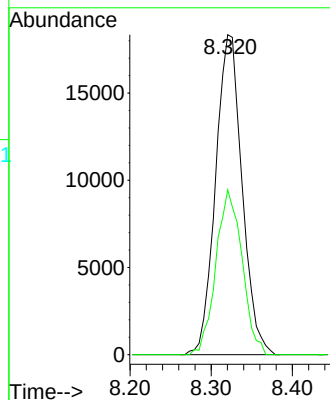
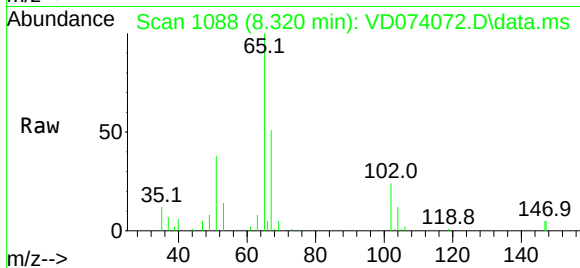
CL-01-081022

Tgt Ion: 65 Resp: 41626

Ion Ratio Lower Upper

65 100

67 50.8 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: VD074072.D

Acq: 12 Aug 2022 19:43

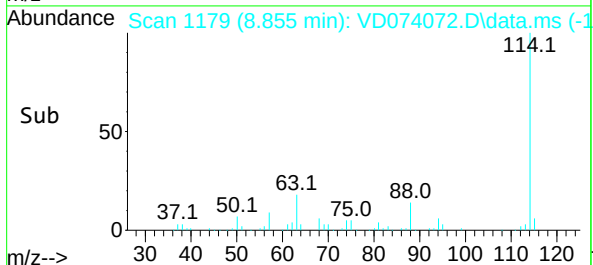
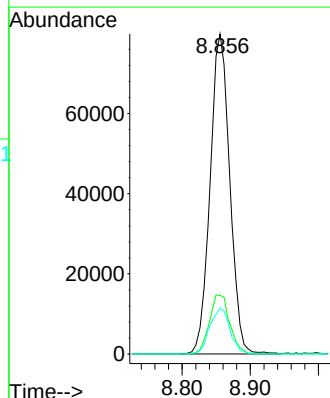
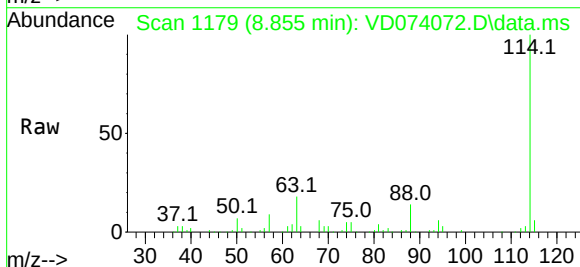
Tgt Ion: 114 Resp: 160252

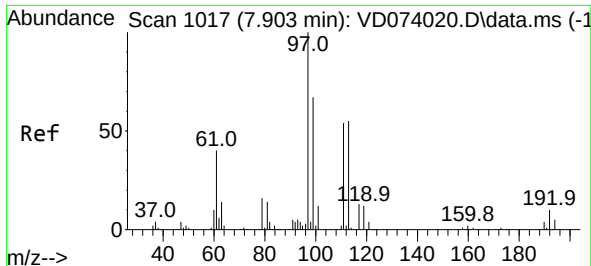
Ion Ratio Lower Upper

114 100

63 18.3 0.0 41.0

88 14.3 0.0 31.6





#35

Dibromofluoromethane

Concen: 41.471 ug/l

RT: 7.903 min Scan# 1017

Delta R.T. -0.000 min

Lab File: VD074072.D

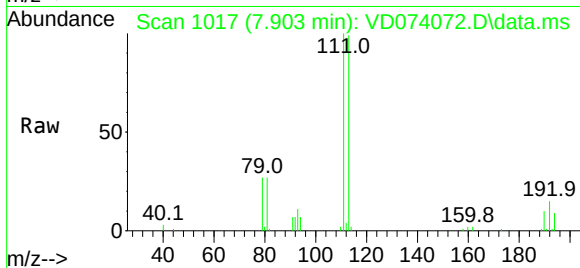
Acq: 12 Aug 2022 19:43

Instrument :

MSVOA_D

ClientSampleId :

CL-01-081022



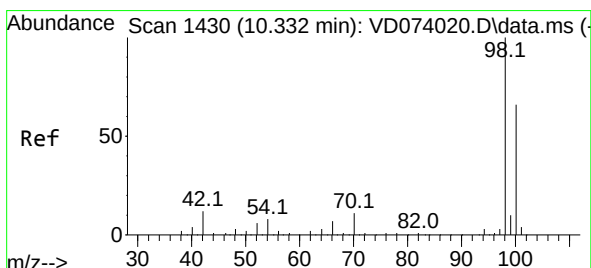
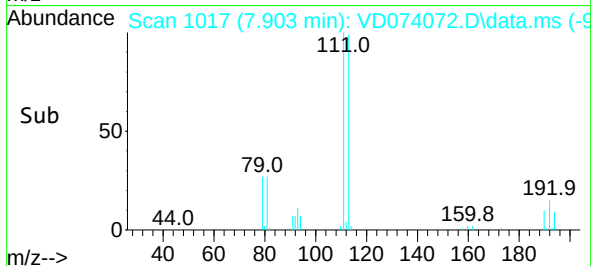
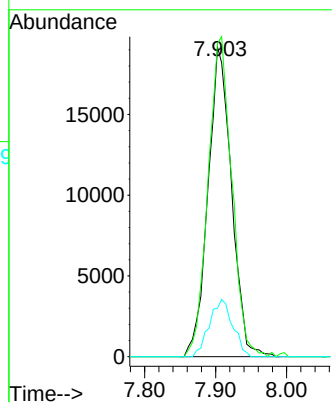
Tgt Ion:113 Resp: 44141

Ion Ratio Lower Upper

113 100

111 104.0 80.0 120.0

192 18.4 14.2 21.4



#50

Toluene-d8

Concen: 30.226 ug/l

RT: 10.326 min Scan# 1429

Delta R.T. -0.006 min

Lab File: VD074072.D

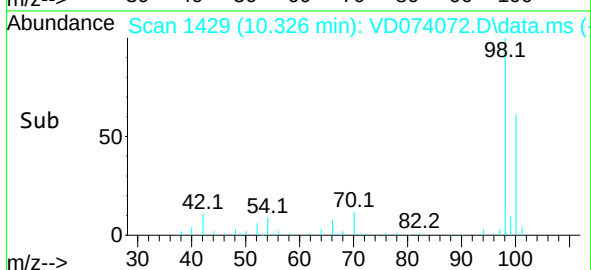
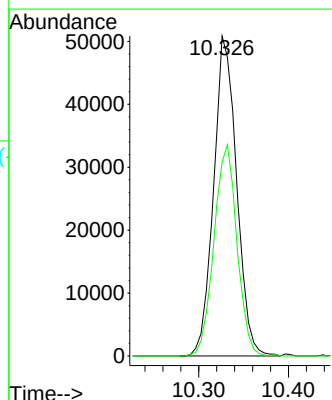
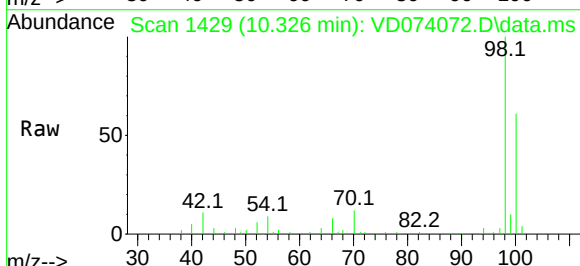
Acq: 12 Aug 2022 19:43

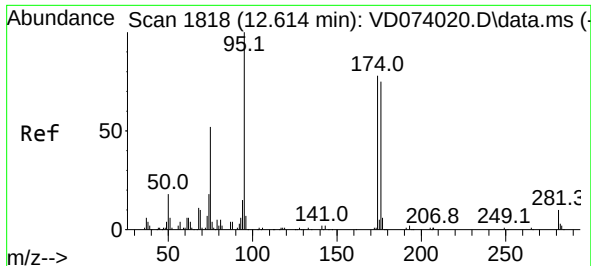
Tgt Ion: 98 Resp: 90400

Ion Ratio Lower Upper

98 100

100 65.8 51.3 76.9

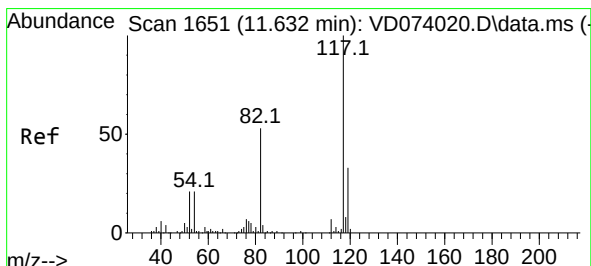
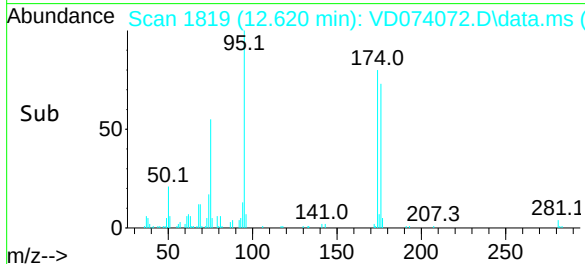
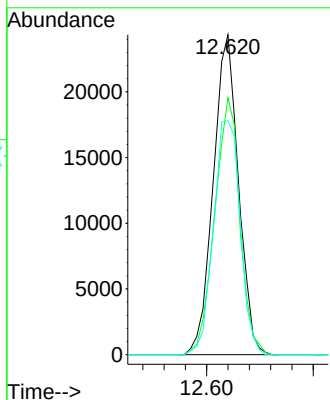
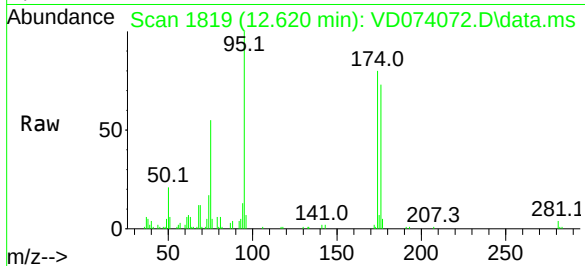




#62
4-Bromofluorobenzene
Concen: 30.502 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.006 min
Lab File: VD074072.D
Acq: 12 Aug 2022 19:43

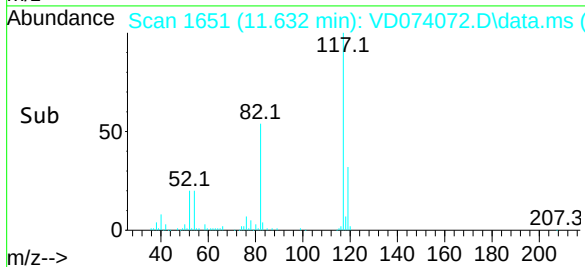
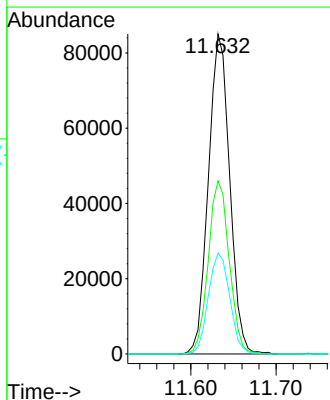
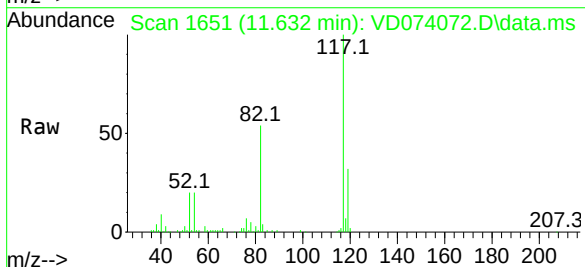
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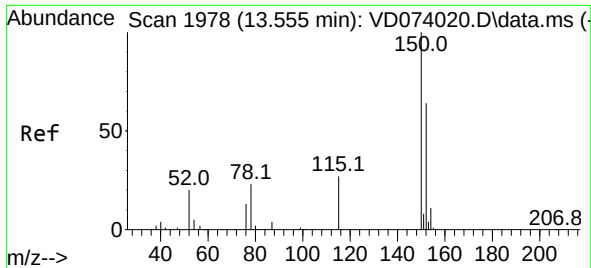
Tgt Ion: 95 Resp: 39924
Ion Ratio Lower Upper
95 100
174 79.9 0.0 162.6
176 77.6 0.0 160.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.000 min
Lab File: VD074072.D
Acq: 12 Aug 2022 19:43

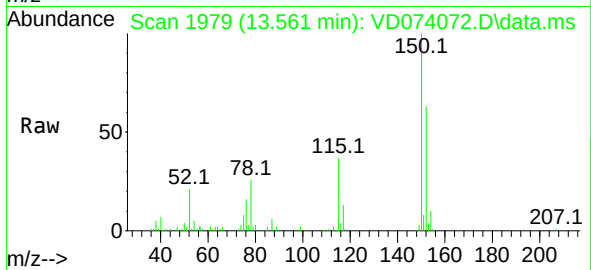
Tgt Ion: 117 Resp: 147355
Ion Ratio Lower Upper
117 100
82 54.1 42.7 64.1
119 31.5 25.8 38.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. 0.006 min
 Lab File: VD074072.D
 Acq: 12 Aug 2022 19:43

Instrument :
 MSVOA_D
 ClientSampleId :
 CL-01-081022



Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.4	29.9	89.8
150	154.6	0.0	342.8

