

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL061522\
 Data File : VL039308.D
 Acq On : 15 Jun 2022 23:18
 Operator : SY/AP
 Sample : VIBLK
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/16/2022
 Supervised By :Mahesh Dadoda 06/17/2022

Quant Time: Jun 16 04:38:32 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL053122AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun 0
 QLast Update : Wed Jun 01 01:22:18 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.655	49	1176364	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	7.160	114	3472767	10.000	ppbv	-0.02
55) Chlorobenzene-d5	12.066	117	2989606	10.000	ppbv	-0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.394	95	2242853	9.074	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	90.700%
Target Compounds						
						Qvalue
9) Propene	3.015	41	10070m	0.154	ppbv	
15) Acetone	3.877	43	13524m	0.110	ppbv	
20) Methylene Chloride	4.337	84	7864m	0.152	ppbv	

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

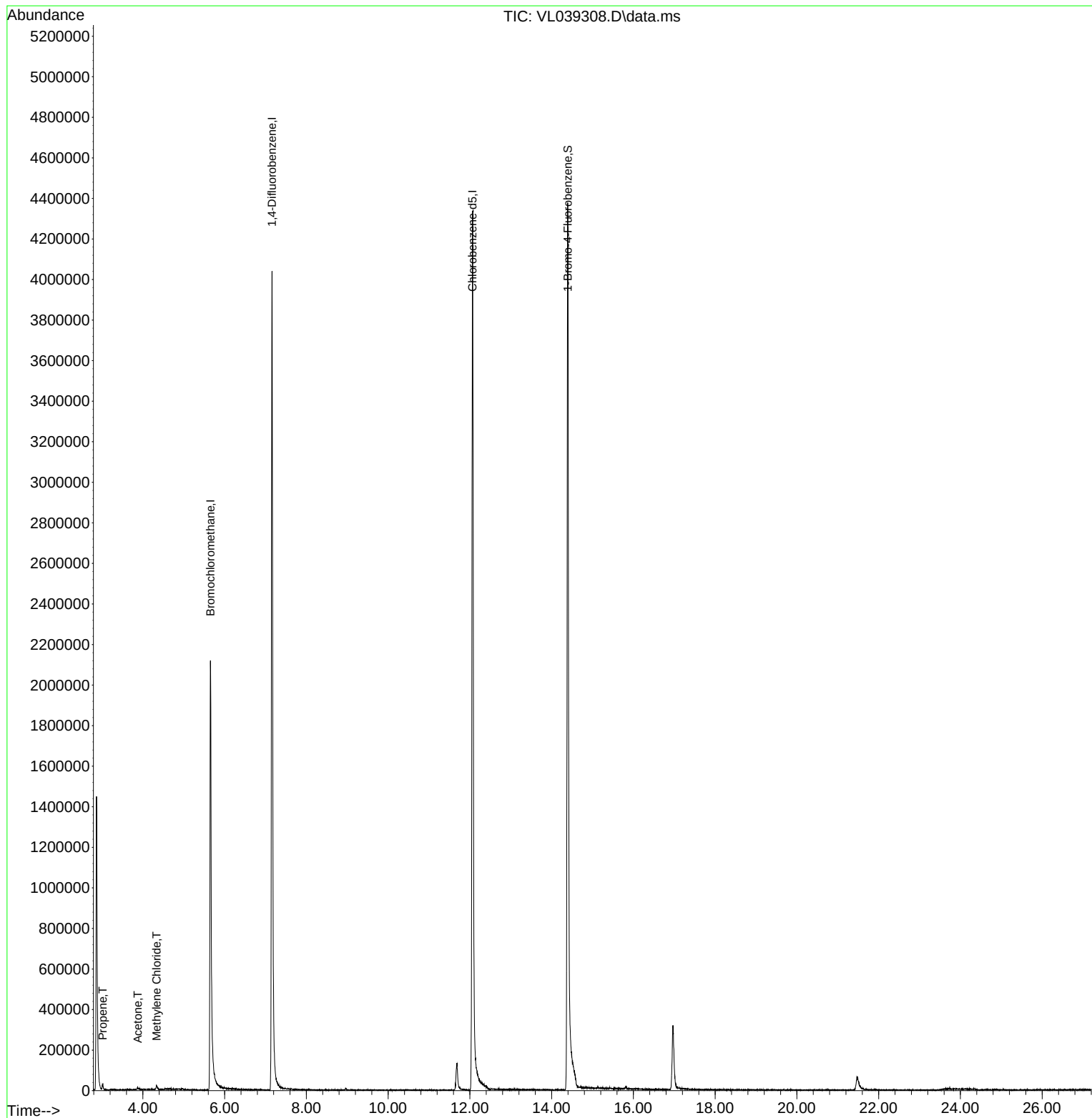
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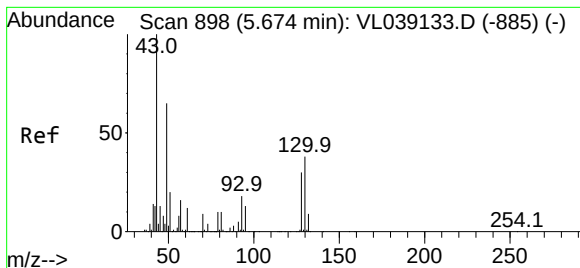
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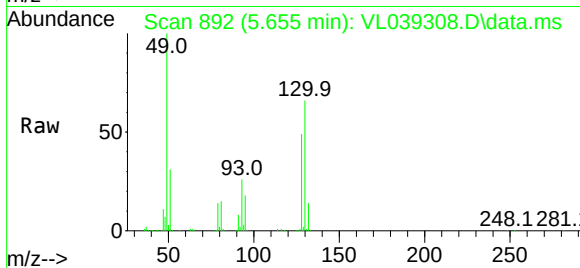
Quant Time: Jun 16 04:38:32 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL053122AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun
QLast Update : Wed Jun 01 01:22:18 2022
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.655 min Scan# 89
Delta R.T. -0.019 min
Lab File: VL039308.D
Acq: 15 Jun 2022 23:18

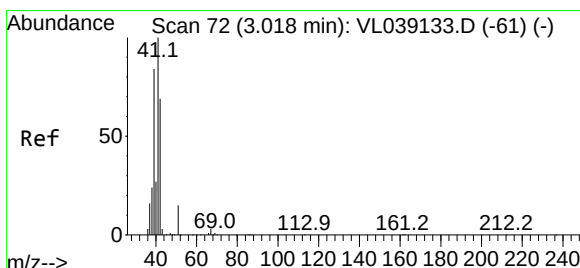
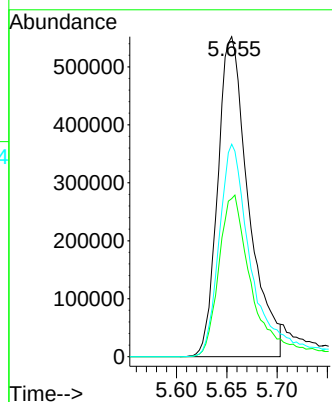
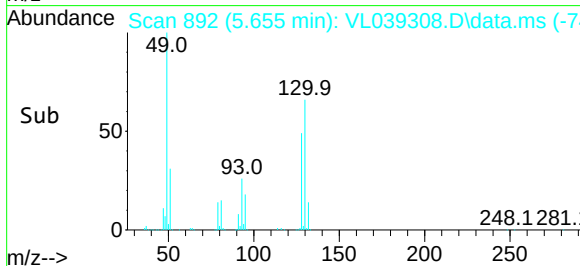
Instrument :
MSVOA_L
ClientSampleId :
VIBLK



Tgt Ion: 49 Resp: 1176364
Ion Ratio Lower Upper
49 100
128 56.6 24.7 74.1
130 74.0 31.4 94.0

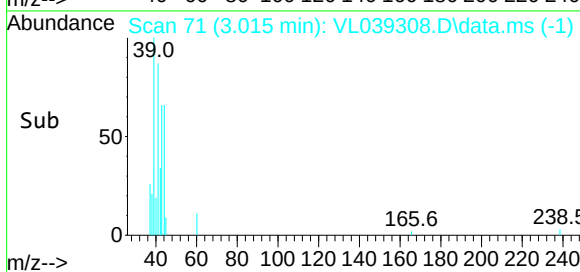
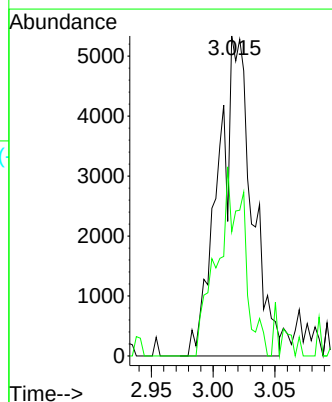
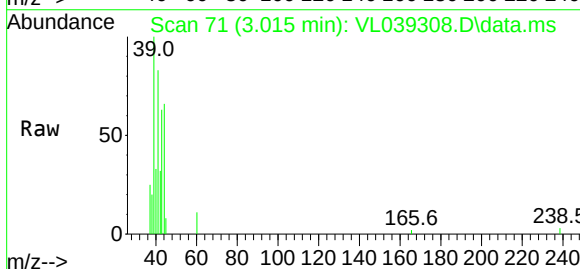
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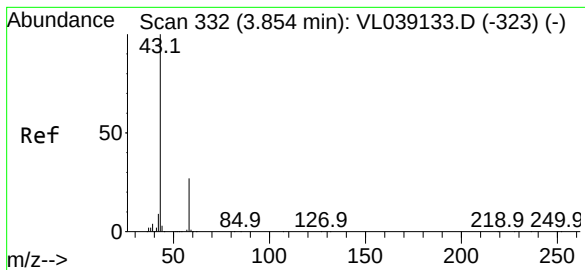
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Supervised By :Mahesh Dadoda 06/17/2022



#9
Propene
Concen: 0.154 ppbv m
RT: 3.015 min Scan# 71
Delta R.T. -0.003 min
Lab File: VL039308.D
Acq: 15 Jun 2022 23:18

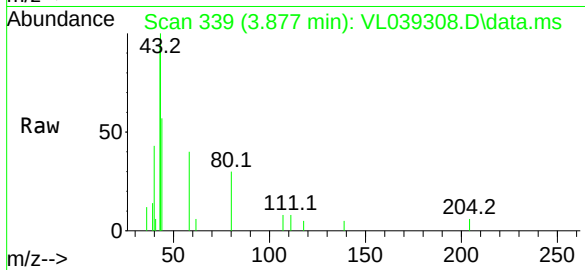
Tgt Ion: 41 Resp: 10070
Ion Ratio Lower Upper
41 100
42 0.0 55.4 83.2#





#15
Acetone
Concen: 0.110 ppbv m
RT: 3.877 min Scan# 31
Delta R.T. 0.022 min
Lab File: VL039308.D
Acq: 15 Jun 2022 23:18

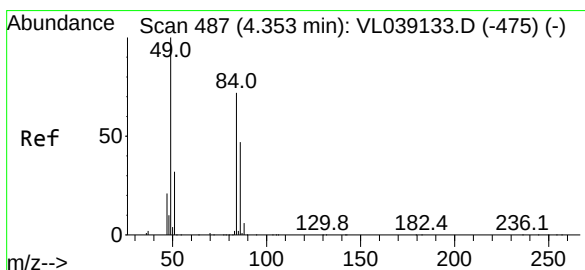
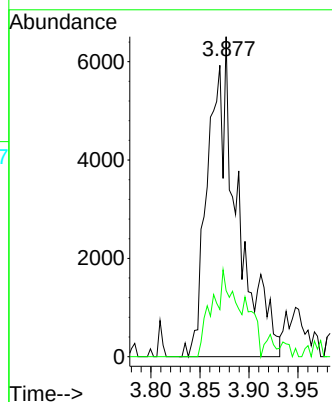
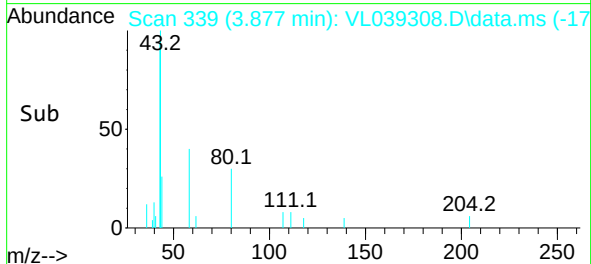
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Tgt Ion: 43 Resp: 13524
Ion Ratio Lower Upper
43 100
58 0.0 22.5 33.7

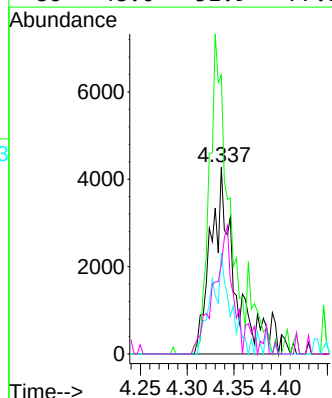
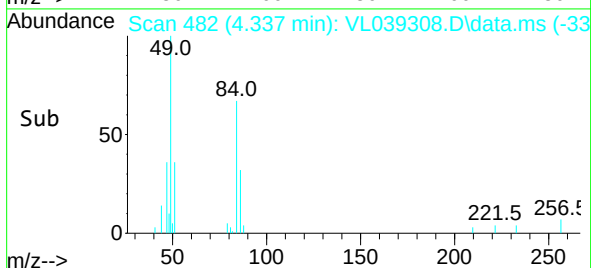
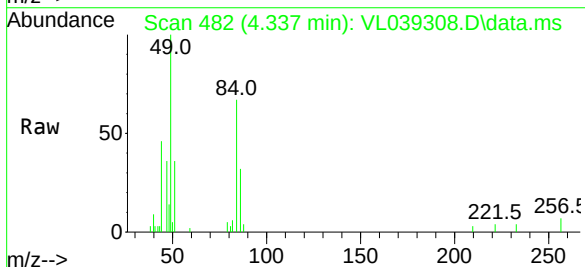
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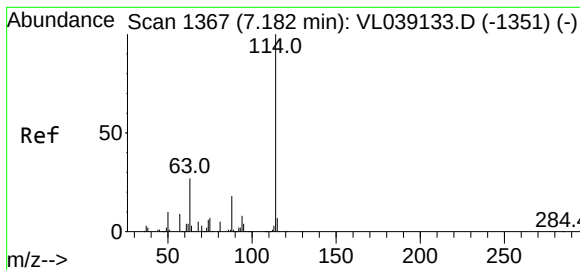
Reviewed By :Semsettin Yesilyurt 06/16/2022
Supervised By :Mahesh Dadoda 06/17/2022



#20
Methylene Chloride
Concen: 0.152 ppbv m
RT: 4.337 min Scan# 482
Delta R.T. -0.016 min
Lab File: VL039308.D
Acq: 15 Jun 2022 23:18

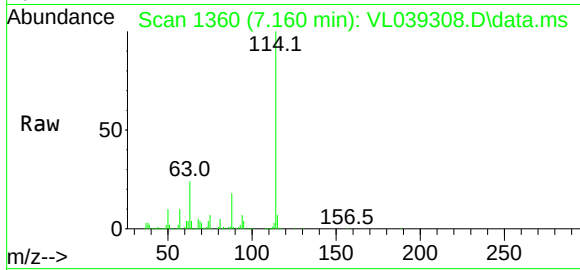
Tgt Ion: 84 Resp: 7864
Ion Ratio Lower Upper
84 100
49 149.5 111.1 166.7
51 54.0 35.3 52.9#
86 48.0 51.9 77.9#





#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.160 min Scan# 114
 Delta R.T. -0.023 min
 Lab File: VL039308.D
 Acq: 15 Jun 2022 23:18

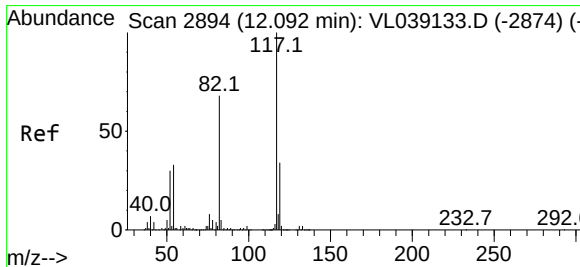
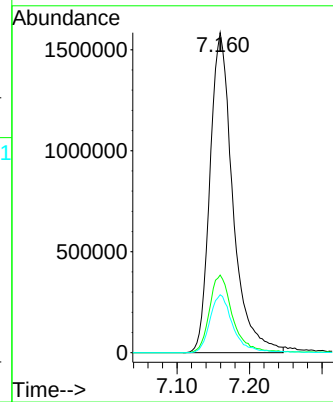
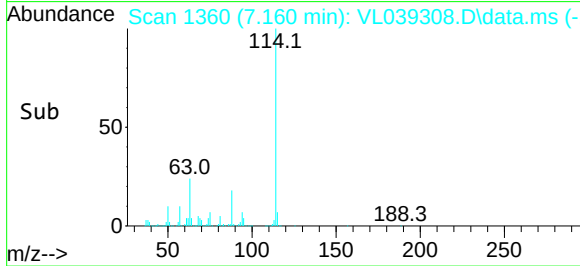
Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK



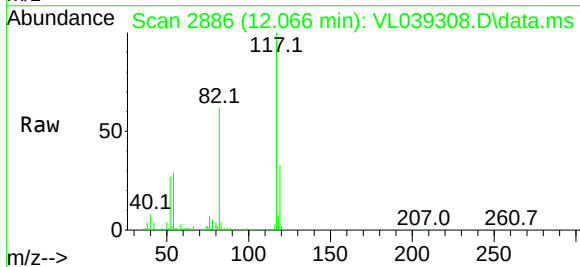
Tgt Ion:114 Resp: 347276
 Ion Ratio Lower Upper
 114 100
 63 25.0 21.7 32.5
 88 18.5 14.8 22.2

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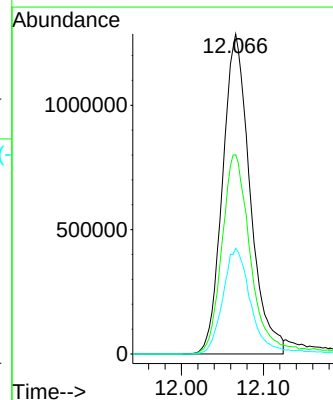
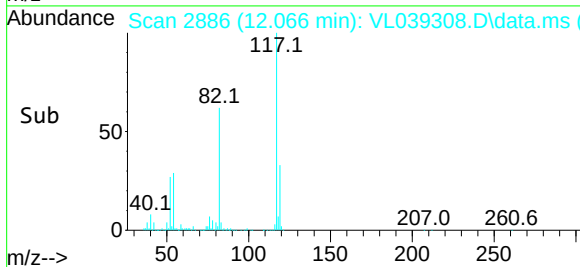
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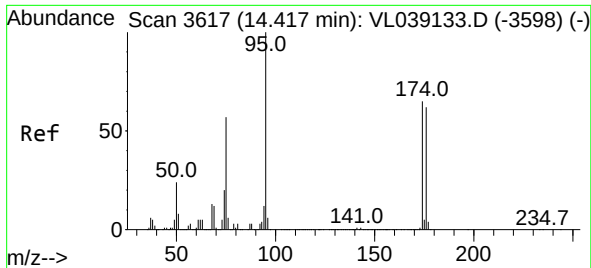


#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.066 min Scan# 2886
 Delta R.T. -0.026 min
 Lab File: VL039308.D
 Acq: 15 Jun 2022 23:18



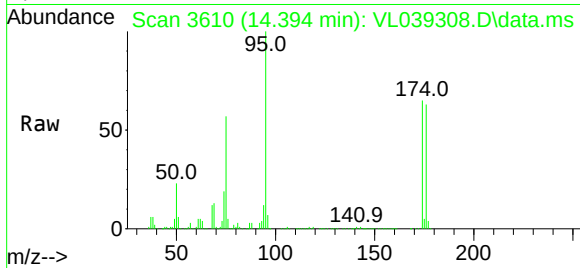
Tgt Ion:117 Resp: 2989606
 Ion Ratio Lower Upper
 117 100
 82 68.0 55.1 82.7
 119 34.4 24.7 37.1





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.074 ppbv
 RT: 14.394 min Scan# 30
 Delta R.T. -0.023 min
 Lab File: VL039308.D
 Acq: 15 Jun 2022 23:18

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK



Tgt Ion: 95 Resp: 224285

Ion	Ratio	Lower	Upper
95	100		
174	74.6	53.8	80.8
175	5.4	4.1	6.1

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