

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL011923\
 Data File : VL040125.D
 Acq On : 19 Jan 2023 22:44
 Operator : SY/MD
 Sample : VIBLK
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 01/20/2023
 Supervised By :Mahesh Dadoda 01/20/2023

Quant Time: Jan 20 02:11:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011623AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2023
 QLast Update : Mon Jan 16 14:40:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.208	49	935453	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	6.674	114	2585760	10.000	ppbv	0.02
55) Chlorobenzene-d5	11.494	117	2278189	10.000	ppbv	0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.809	95	1794827	9.479	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	94.800%
Target Compounds						
					Qvalue	
13) Ethanol	3.269	45	4481m	1.044	ppbv	
20) Methylene Chloride	3.944	84	18700	0.378	ppbv	93

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

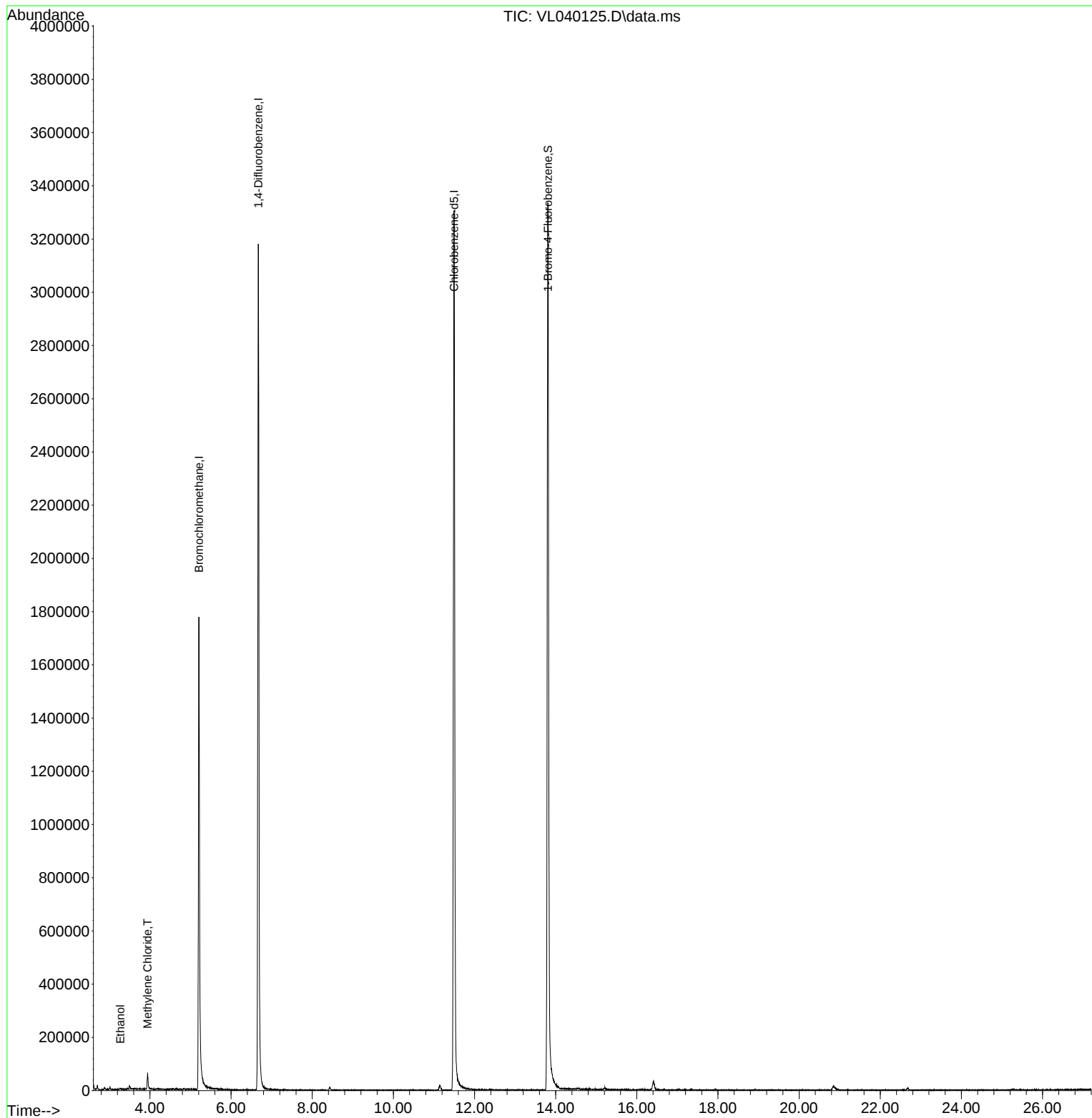
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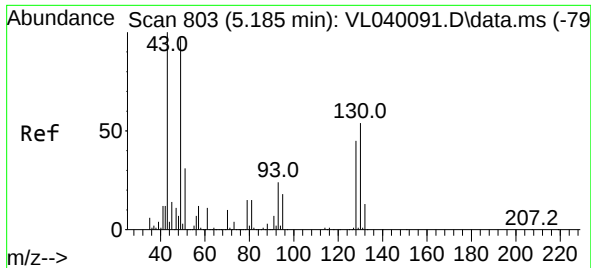
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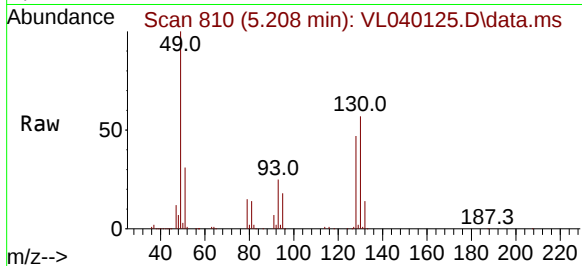
Quant Time: Jan 20 02:11:18 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011623AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Mon Jan 16 14:40:47 2023
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.208 min Scan# 81
Delta R.T. 0.023 min
Lab File: VL040125.D
Acq: 19 Jan 2023 22:44

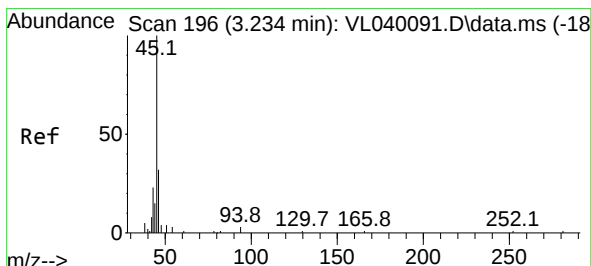
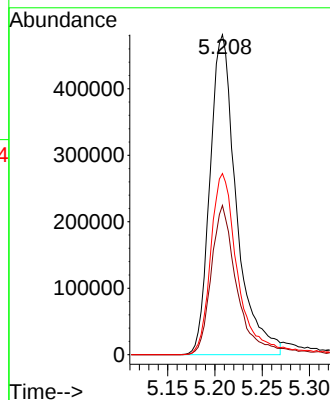
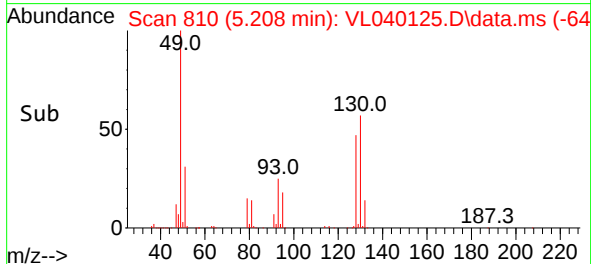
Instrument :
MSVOA_L
ClientSampleId :
VIBLK



Tgt Ion: 49 Resp: 93545
Ion Ratio Lower Upper
49 100
128 47.8 23.6 71.0
130 60.3 29.8 89.3

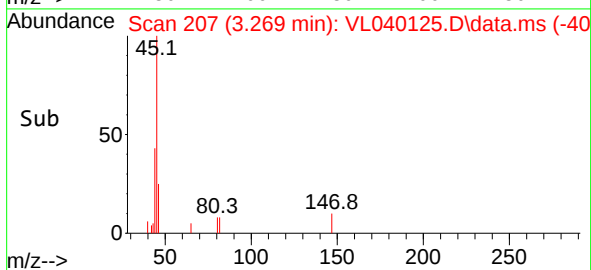
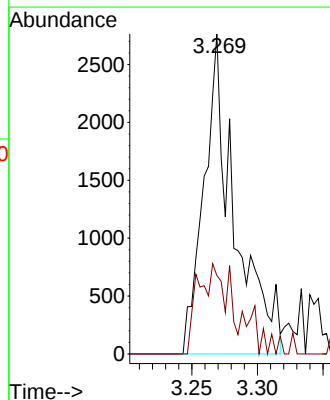
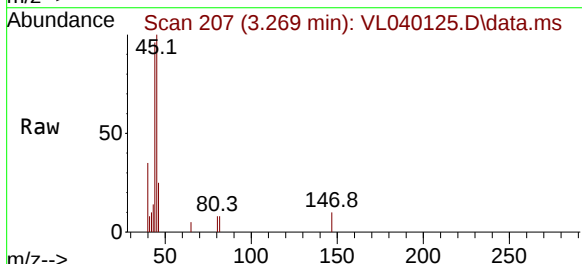
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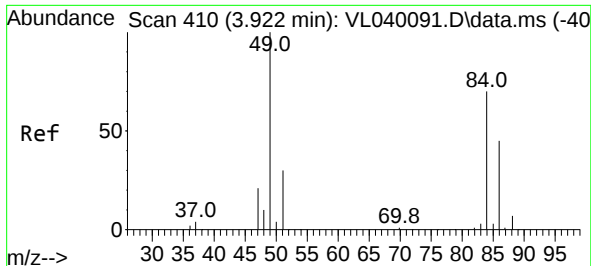
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Supervised By :Mahesh Dadoda 01/20/2023



#13
Ethanol
Concen: 1.044 ppbv m
RT: 3.269 min Scan# 207
Delta R.T. 0.035 min
Lab File: VL040125.D
Acq: 19 Jan 2023 22:44

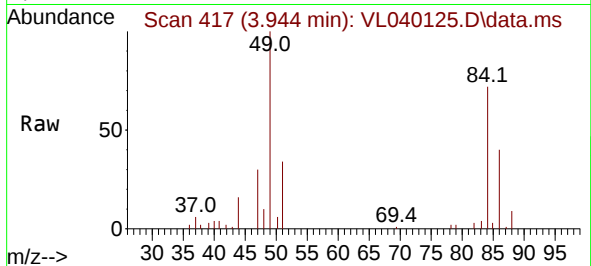
Tgt Ion: 45 Resp: 4481
Ion Ratio Lower Upper
45 100
46 0.0 14.8 59.2#





#20
Methylene Chloride
Concen: 0.378 ppbv
RT: 3.944 min Scan# 410
Delta R.T. 0.023 min
Lab File: VL040125.D
Acq: 19 Jan 2023 22:44

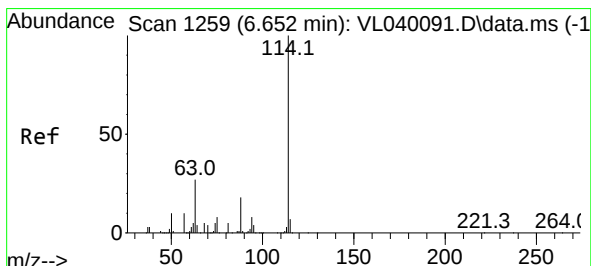
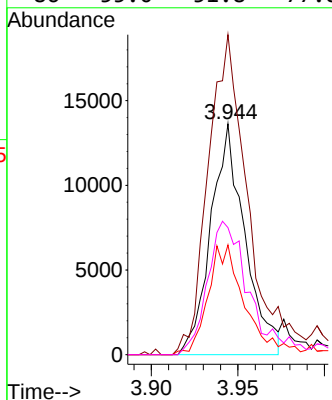
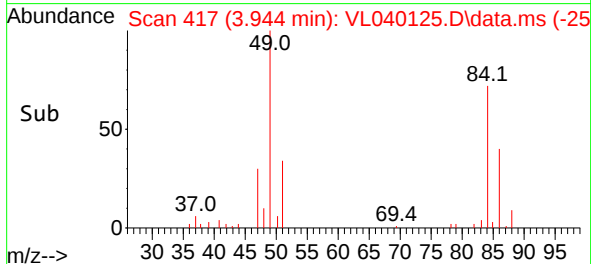
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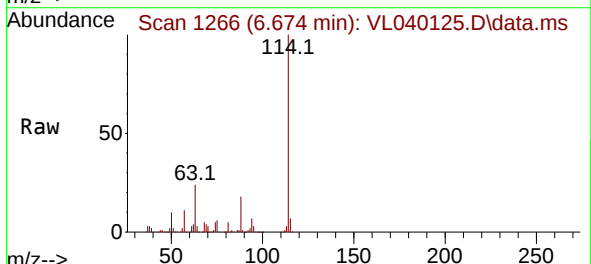
Tgt Ion: 84 Resp: 18700
Ion Ratio Lower Upper
84 100
49 136.0 114.6 171.8
51 46.0 34.3 51.5
86 55.0 51.8 77.8

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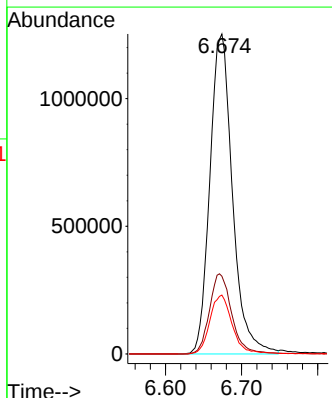
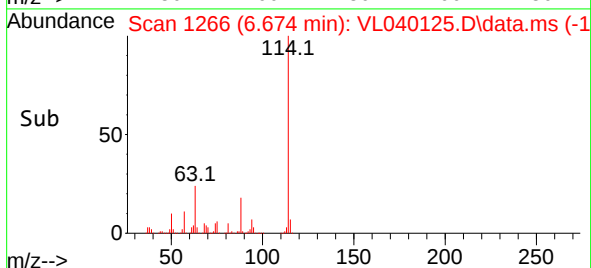
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Supervised By :Mahesh Dadoda 01/20/2023

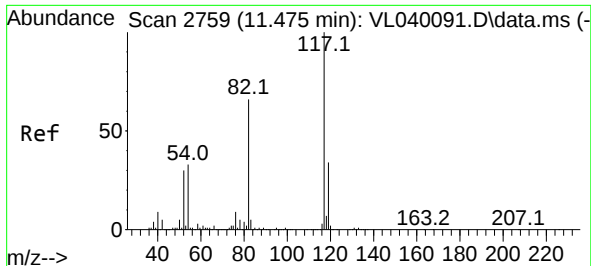


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.674 min Scan# 1266
Delta R.T. 0.023 min
Lab File: VL040125.D
Acq: 19 Jan 2023 22:44



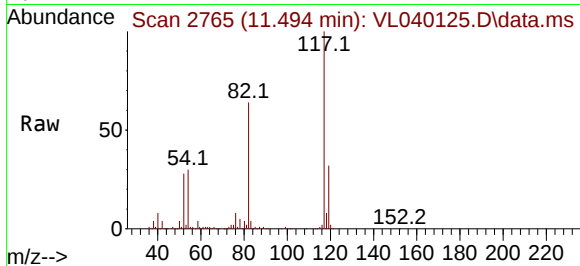
Tgt Ion:114 Resp: 2585760
Ion Ratio Lower Upper
114 100
63 24.8 21.8 32.8
88 18.3 14.8 22.2





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.494 min Scan# 21
Delta R.T. 0.019 min
Lab File: VL040125.D
Acq: 19 Jan 2023 22:44

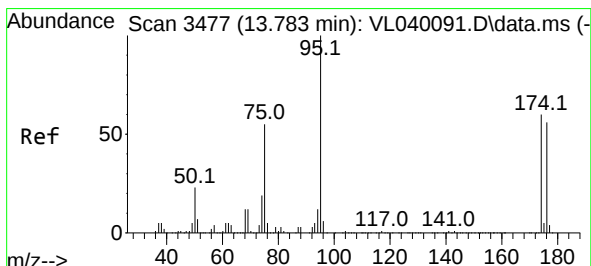
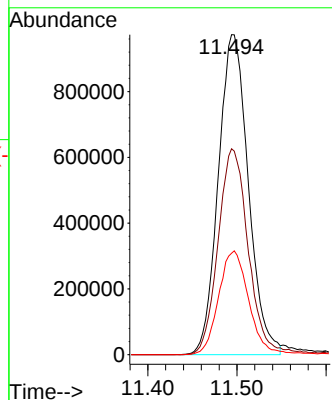
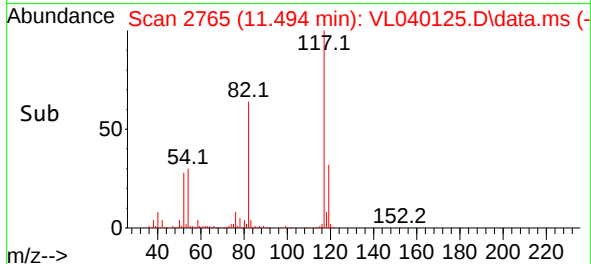
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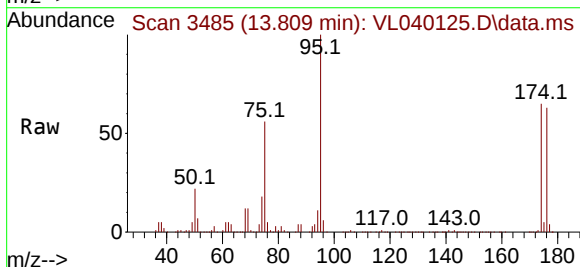
Tgt Ion: 117 Resp: 2278189
Ion Ratio Lower Upper
117 100
82 65.9 54.4 81.6
119 33.1 26.8 40.2

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#68
1-Bromo-4-Fluorobenzene
Concen: 9.479 ppbv
RT: 13.809 min Scan# 3485
Delta R.T. 0.026 min
Lab File: VL040125.D
Acq: 19 Jan 2023 22:44



Tgt Ion: 95 Resp: 1794827
Ion Ratio Lower Upper
95 100
174 66.1 47.7 71.5
175 4.7 3.4 5.2

