

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL010923\
 Data File : VL040087.D
 Acq On : 10 Jan 2023 8:22
 Operator : SY/MD
 Sample : 01074-02DL 5X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 AP-113DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 01/11/2023
 Supervised By :Mahesh Dadoda 01/11/2023

Quant Time: Jan 11 01:10:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121922AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Tue Jan 10 00:22:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.179	49	987810	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.642	114	2574323	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.462	117	2368973	10.000	ppbv	-0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.773	95	1945733	10.752	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	107.500%
Target Compounds						
					Qvalue	
13) Ethanol	3.227	45	81397m	13.983	ppbv	
15) Acetone	3.455	43	337709	2.210	ppbv	99
20) Methylene Chloride	3.918	84	877129	13.504	ppbv	98
26) Hexane	5.201	57	690822	6.211	ppbv #	36
41) Tetrahydrofuran	5.561	42	93237m	1.070	ppbv	

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

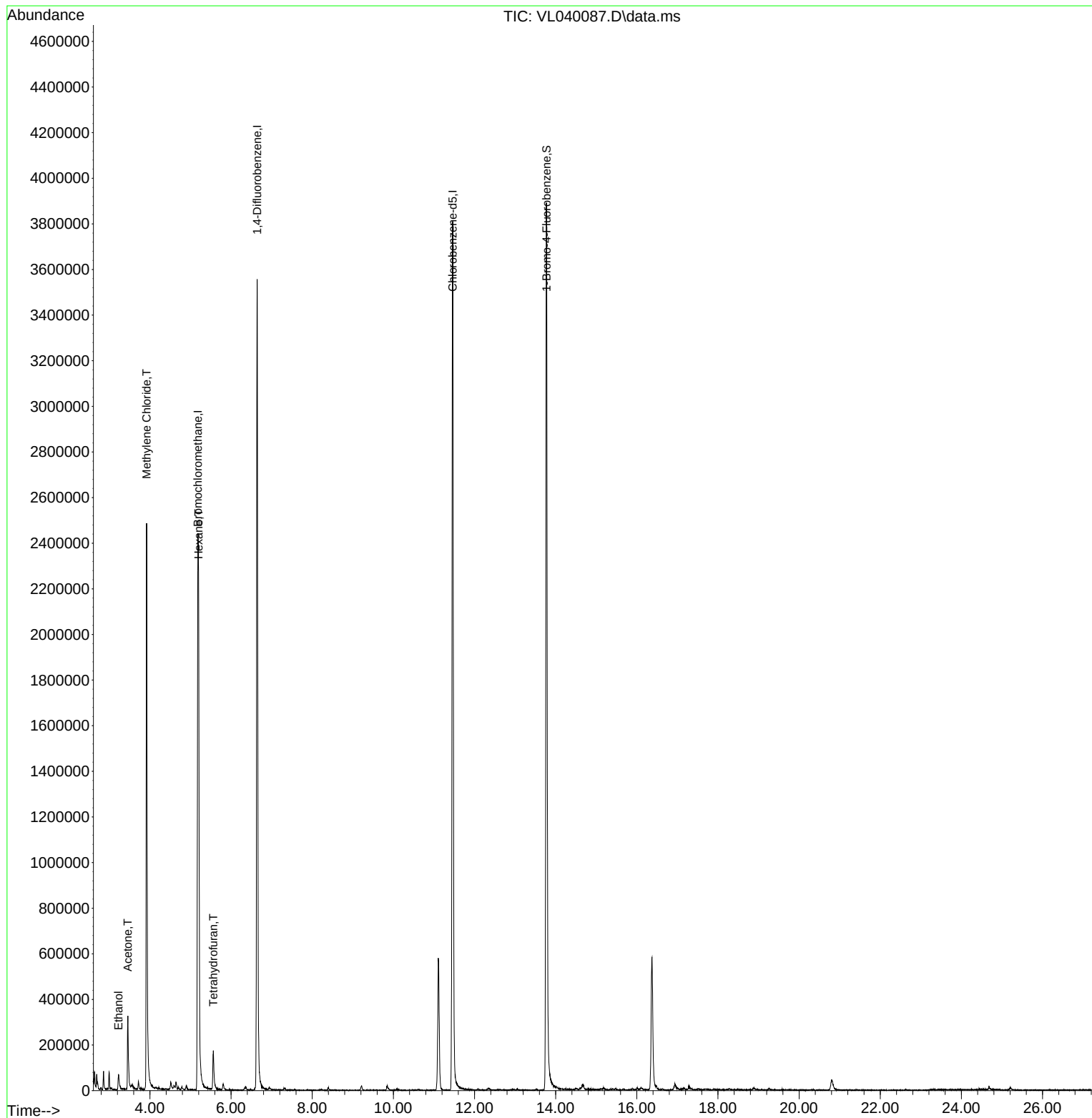
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL010923\
Data File : VL040087.D
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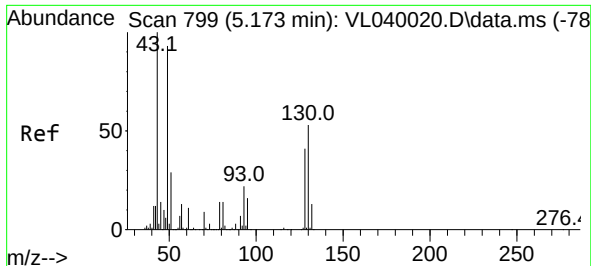
Instrument :
MSVOA_L
ClientSampleId :
AP-113DL

Quant Time: Jan 11 01:10:14 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121922AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Tue Jan 10 00:22:08 2023
Response via : Initial Calibration

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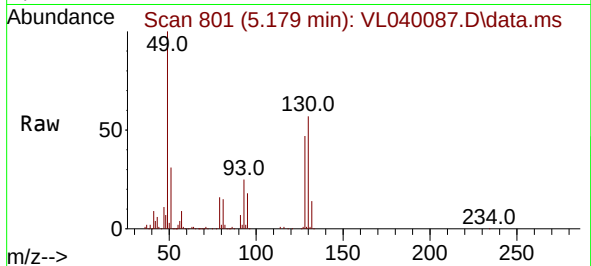
Reviewed By : Semsettin Yesilyurt 01/11/2023
Supervised By : Mahesh Dadoda 01/11/2023





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.179 min Scan# 801
Delta R.T. -0.006 min
Lab File: VL040087.D
Acq: 10 Jan 2023 8:22

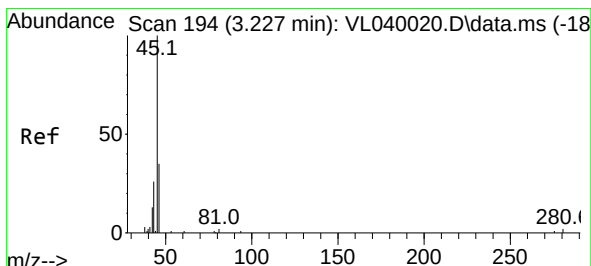
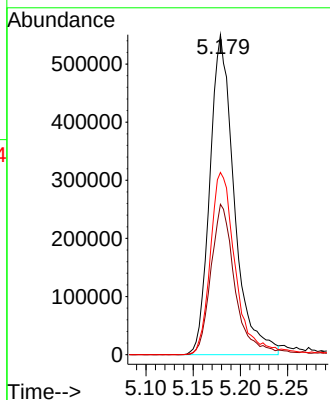
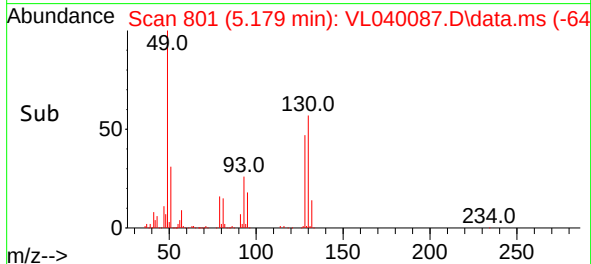
Instrument :
MSVOA_L
ClientSampleId :
AP-113DL



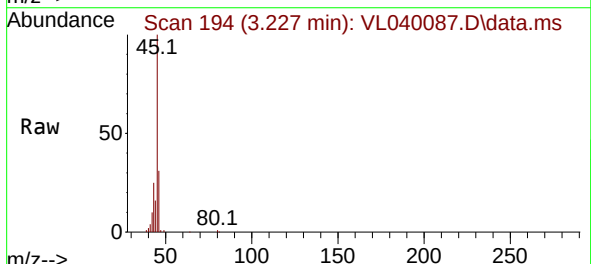
Tgt Ion: 49 Resp: 987810
Ion Ratio Lower Upper
49 100
128 48.3 22.4 67.3
130 59.3 28.9 86.8

Manual Integrations
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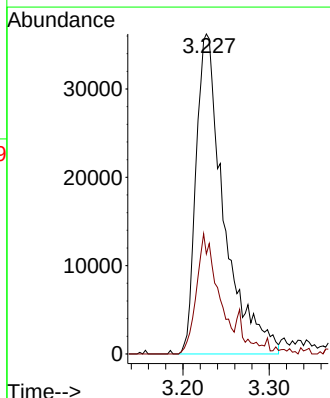
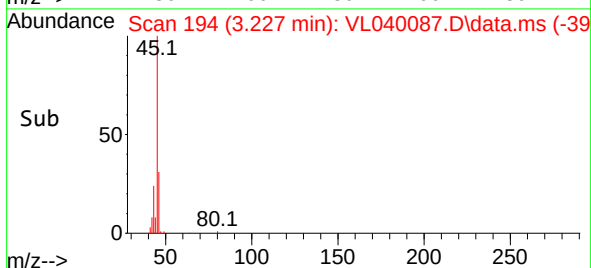
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Supervised By :Mahesh Dadoda 01/11/2023

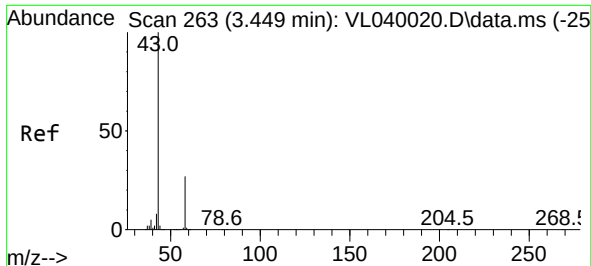


#13
Ethanol
Concen: 13.983 ppbv m
RT: 3.227 min Scan# 194
Delta R.T. -0.000 min
Lab File: VL040087.D
Acq: 10 Jan 2023 8:22



Tgt Ion: 45 Resp: 81397
Ion Ratio Lower Upper
45 100
46 35.9 13.7 54.7





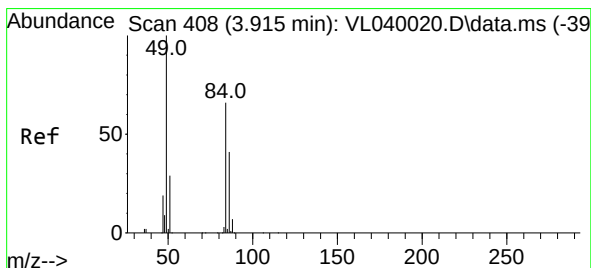
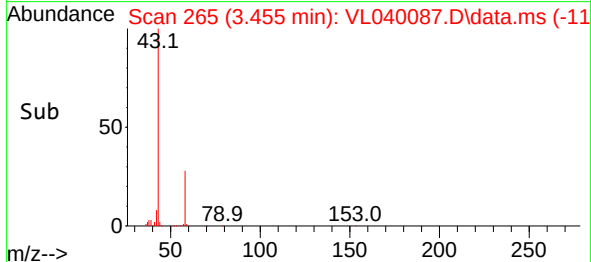
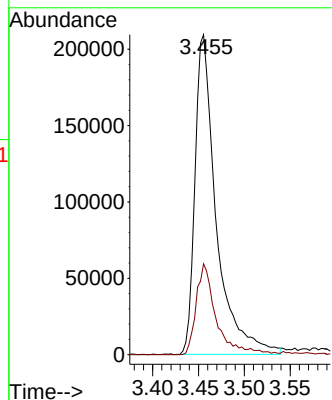
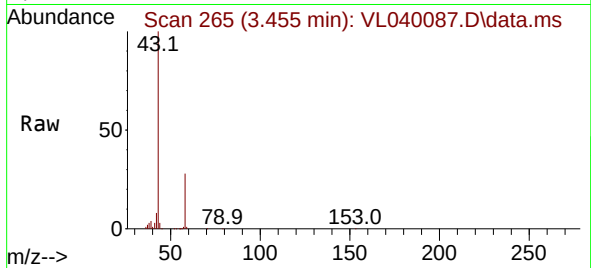
#15
Acetone
Concen: 2.210 ppbv
RT: 3.455 min Scan# 20
Delta R.T. -0.000 min
Lab File: VL040087.D
Acq: 10 Jan 2023 8:22

Instrument :
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ClientSampleId :
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Tgt Ion: 43 Resp: 337709
Ion Ratio Lower Upper
43 100
58 26.8 21.8 32.8

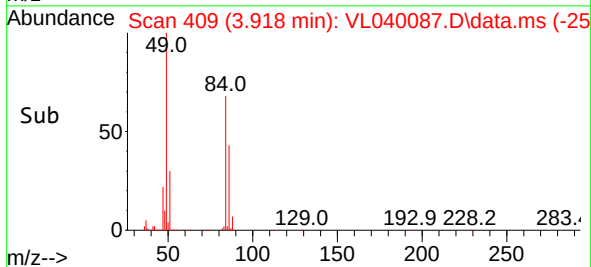
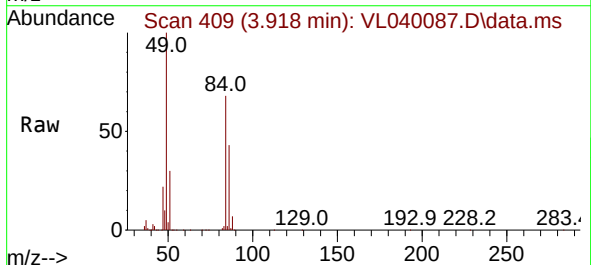
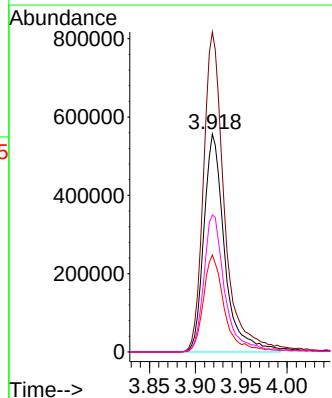
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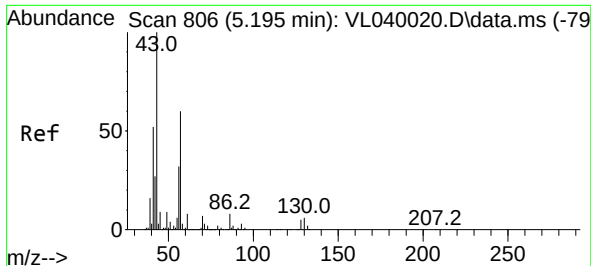
Reviewed By :Semsettin Yesilyurt 01/11/2023
Supervised By :Mahesh Dadoda 01/11/2023



#20
Methylene Chloride
Concen: 13.504 ppbv
RT: 3.918 min Scan# 409
Delta R.T. -0.003 min
Lab File: VL040087.D
Acq: 10 Jan 2023 8:22

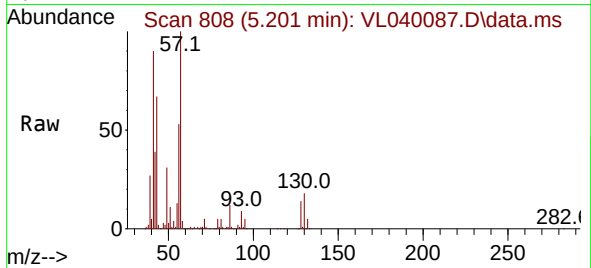
Tgt Ion: 84 Resp: 877129
Ion Ratio Lower Upper
84 100
49 146.9 120.5 180.7
51 44.6 35.2 52.8
86 62.9 49.8 74.6





#26
Hexane
Concen: 6.211 ppbv
RT: 5.201 min Scan# 806
Delta R.T. -0.006 min
Lab File: VL040087.D
Acq: 10 Jan 2023 8:22

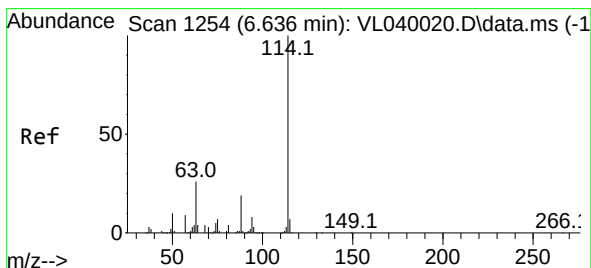
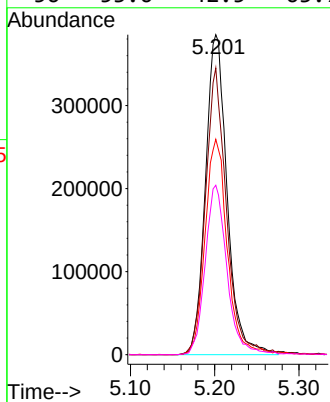
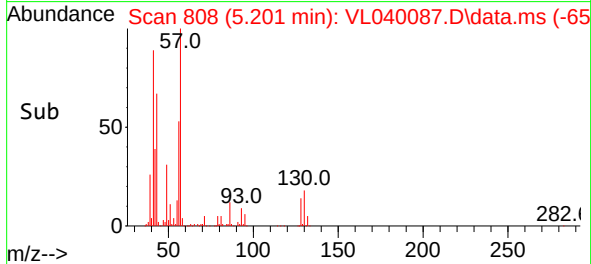
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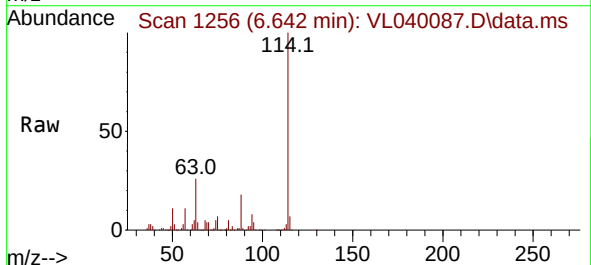
Tgt Ion: 57 Resp: 690822
Ion Ratio Lower Upper
57 100
41 87.7 72.1 108.1
43 69.4 192.1 288.1
56 53.6 42.5 63.7

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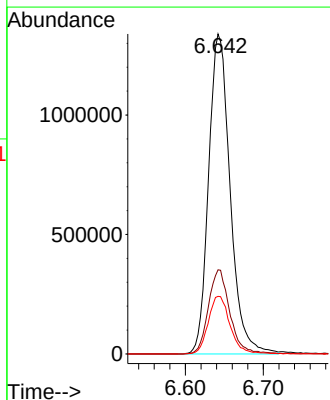
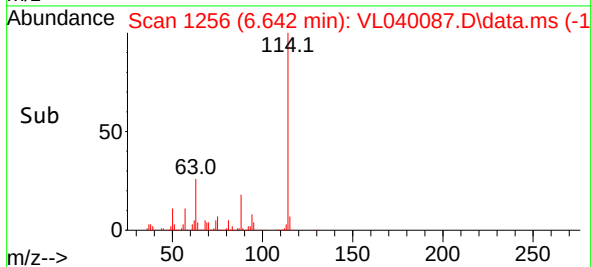
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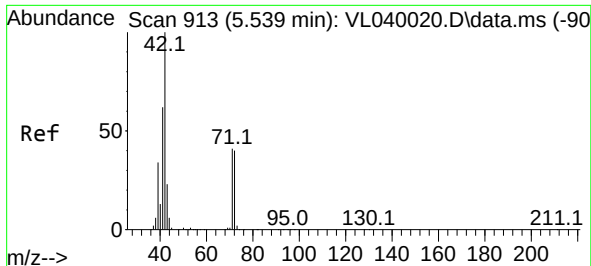


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.642 min Scan# 1256
Delta R.T. -0.010 min
Lab File: VL040087.D
Acq: 10 Jan 2023 8:22



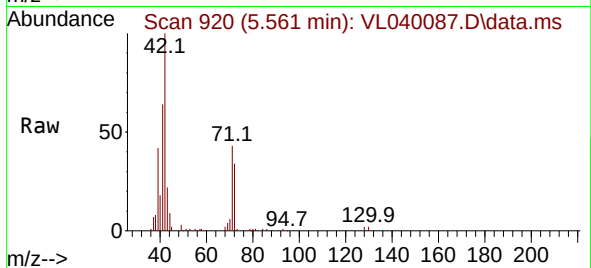
Tgt Ion:114 Resp: 2574323
Ion Ratio Lower Upper
114 100
63 26.4 20.2 30.2
88 18.4 14.6 21.8





#41
Tetrahydrofuran
Concen: 1.070 ppbv m
RT: 5.561 min Scan# 913
Delta R.T. 0.010 min
Lab File: VL040087.D
Acq: 10 Jan 2023 8:22

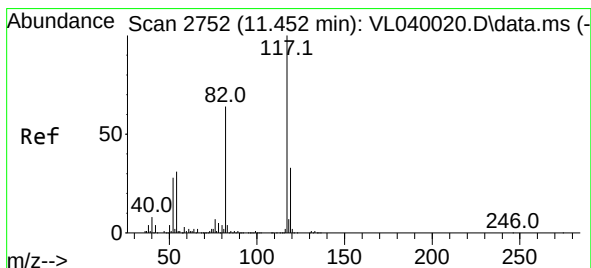
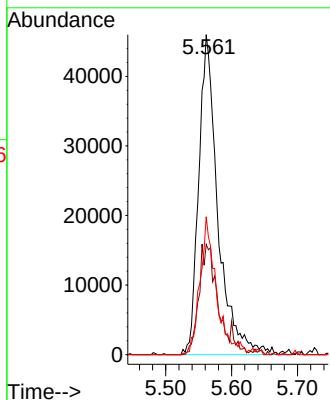
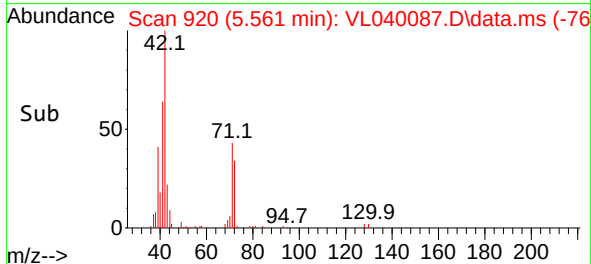
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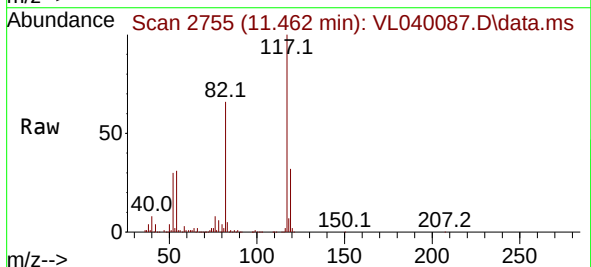
Tgt Ion: 42 Resp: 9323
Ion Ratio Lower Upper
42 100
72 36.0 32.9 49.3
71 37.6 32.2 48.2

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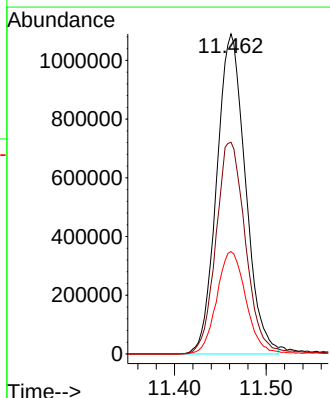
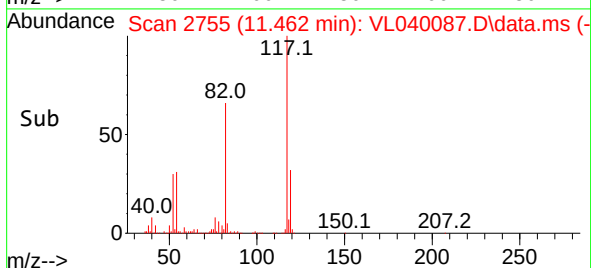
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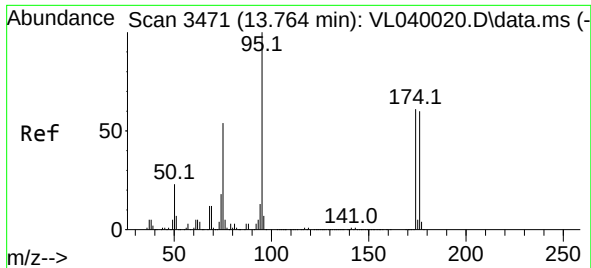


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.462 min Scan# 2755
Delta R.T. -0.013 min
Lab File: VL040087.D
Acq: 10 Jan 2023 8:22



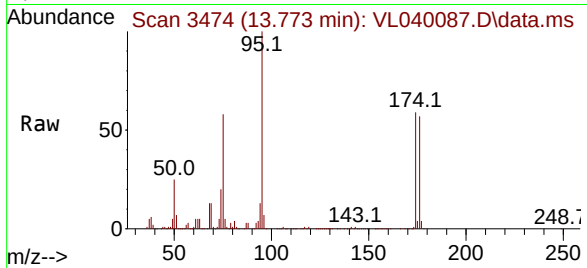
Tgt Ion:117 Resp: 2368973
Ion Ratio Lower Upper
117 100
82 69.1 51.2 76.8
119 32.9 23.2 34.8





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.752 ppbv
 RT: 13.773 min Scan# 3474
 Delta R.T. -0.013 min
 Lab File: VL040087.D
 Acq: 10 Jan 2023 8:22

Instrument :
 MSVOA_L
 ClientSampleId :
 AP-113DL



Tgt Ion: 95 Resp: 194573
 Ion Ratio Lower Upper
 95 100
 174 59.8 48.6 73.0
 175 4.2 3.4 5.2

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