

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110823\
 Data File : VL040816.D
 Acq On : 8 Nov 2023 18:36
 Operator : SY/MD
 Sample : 05290-01DL 20X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 11/11/2023
 Supervised By :Mahesh Dadoda 11/13/2023

Quant Time: Nov 09 00:32:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL101123AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Thu Nov 09 00:25:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.205	49	1217514	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.658	114	3117466	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.458	117	2677832	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.767	95	1972880	10.013	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.100%
Target Compounds						
					Qvalue	
13) Ethanol	3.285	45	12620m	0.841	ppbv	
19) Isopropyl Alcohol	3.632	45	14818m	0.183	ppbv	
20) Methylene Chloride	3.957	84	45611m	0.870	ppbv	
26) Hexane	5.227	57	39519	0.314	ppbv #	45
34) 2-Butanone	4.819	43	175948	1.247	ppbv	98
51) 2-Hexanone	9.574	43	19053m	0.104	ppbv	

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

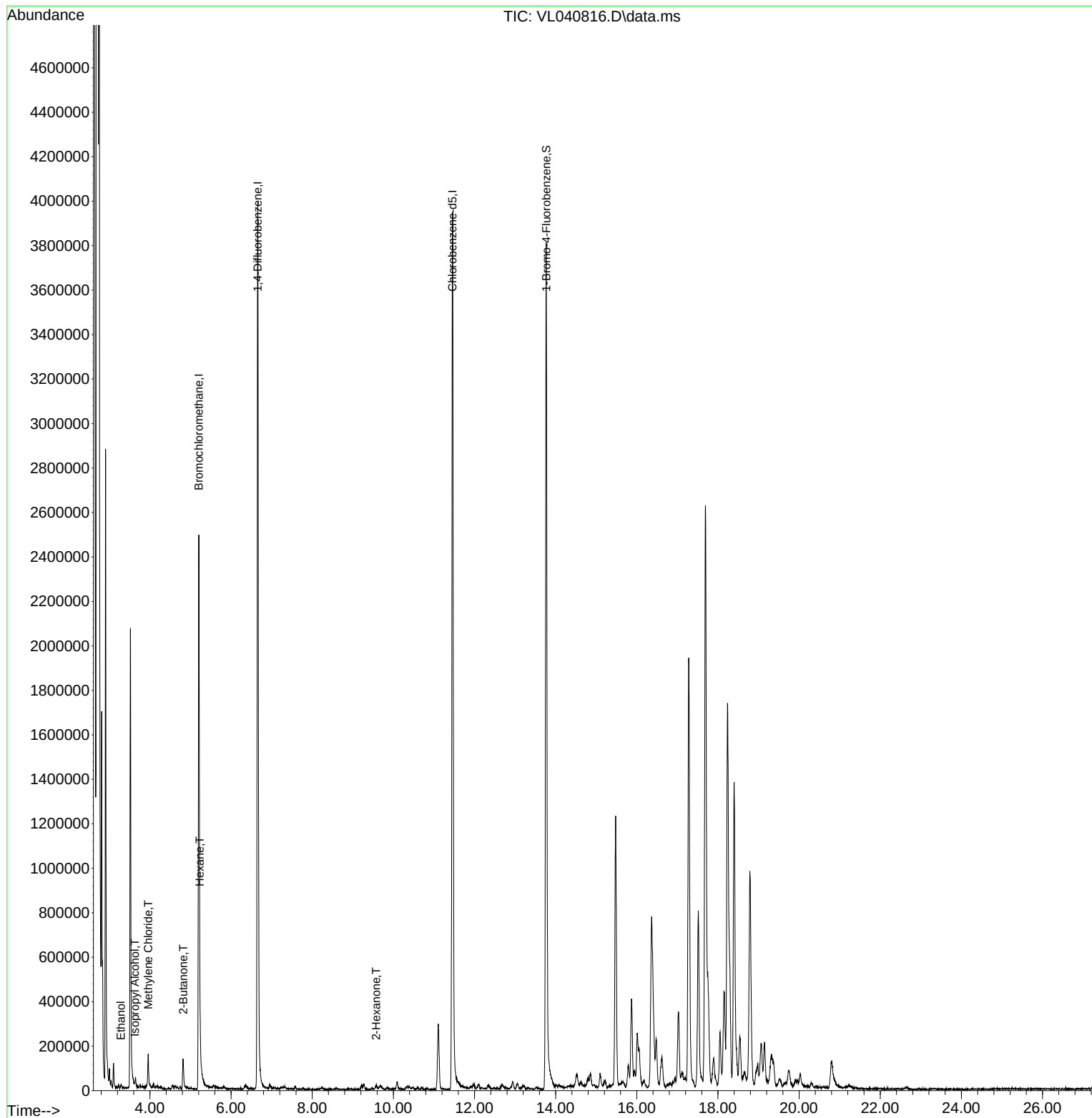
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110823\
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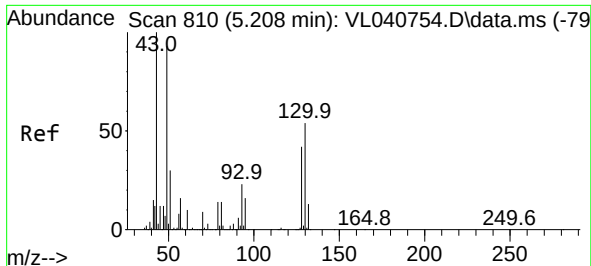
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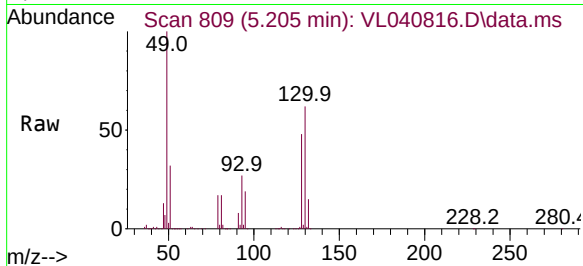
Quant Time: Nov 09 00:32:23 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL101123AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Thu Nov 09 00:25:02 2023
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.205 min Scan# 80
Delta R.T. -0.003 min
Lab File: VL040816.D
Acq: 8 Nov 2023 18:36

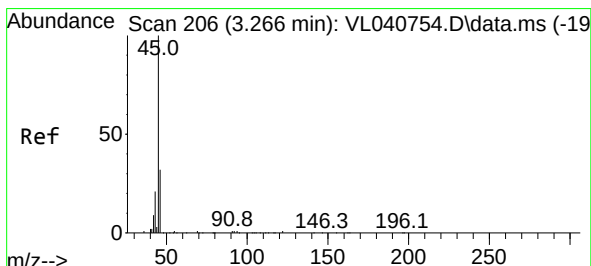
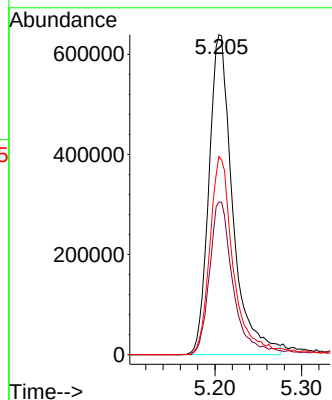
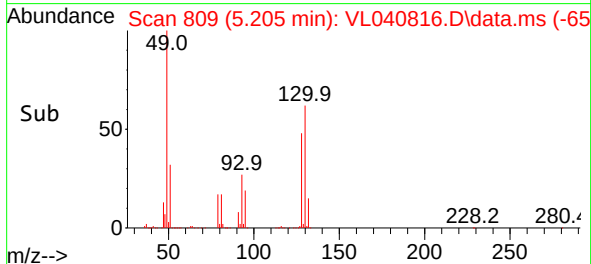
Instrument :
MSVOA_L
ClientSampleId :
SV1DL



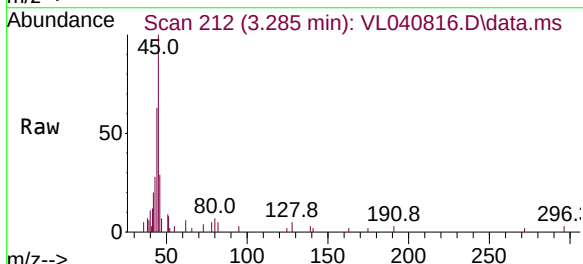
Tgt Ion: 49 Resp: 1217514
Ion Ratio Lower Upper
49 100
128 49.4 23.9 71.7
130 63.7 30.7 92.1

Manual Integrations
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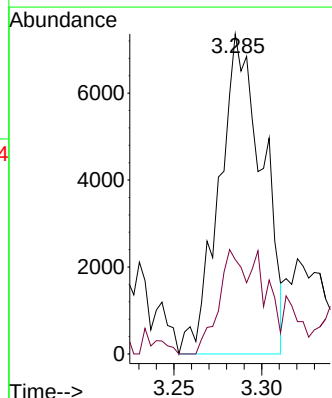
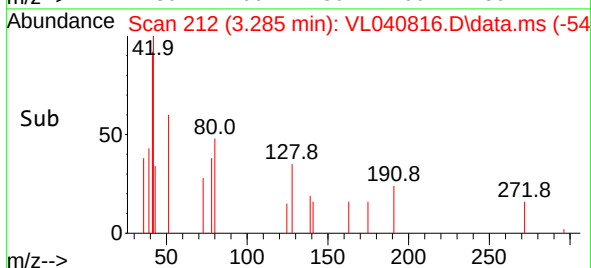
Reviewed By :Semsettin Yesilyurt 11/11/2023
Supervised By :Mahesh Dadoda 11/13/2023

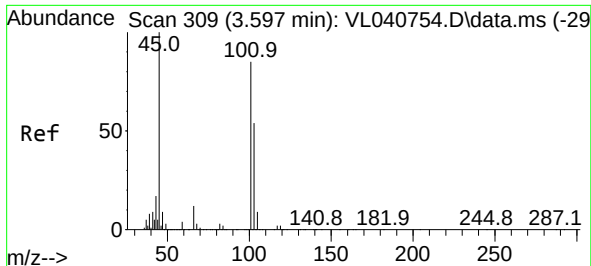


#13
Ethanol
Concen: 0.841 ppbv m
RT: 3.285 min Scan# 212
Delta R.T. 0.006 min
Lab File: VL040816.D
Acq: 8 Nov 2023 18:36



Tgt Ion: 45 Resp: 12620
Ion Ratio Lower Upper
45 100
46 50.8 14.6 58.2





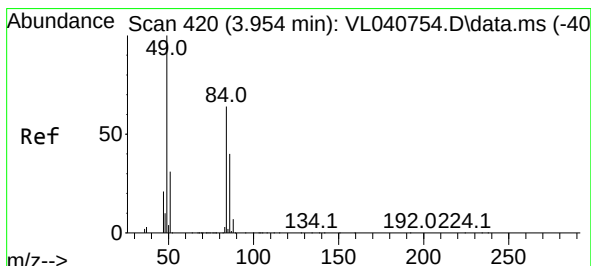
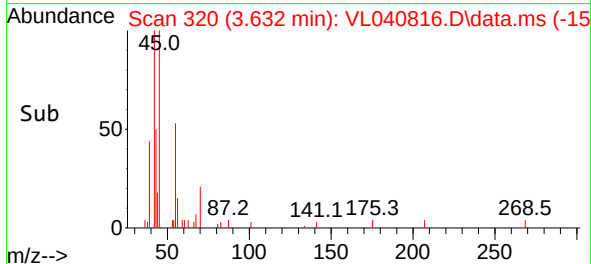
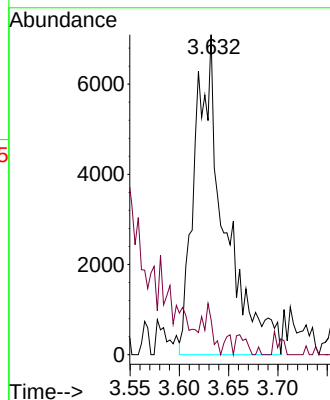
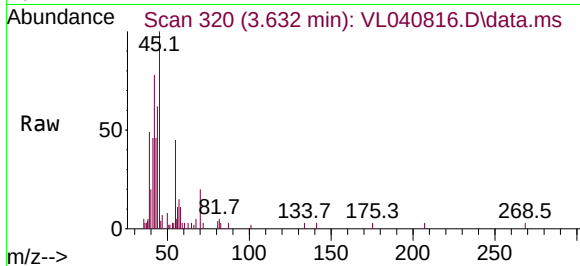
#19
Isopropyl Alcohol
Concen: 0.183 ppbv m
RT: 3.632 min Scan# 31
Delta R.T. 0.026 min
Lab File: VL040816.D
Acq: 8 Nov 2023 18:36

Instrument :
MSVOA_L
ClientSampleId :
SV1DL

Tgt Ion: 45 Resp: 14818
Ion Ratio Lower Upper
45 100
58 0.0 30.3 45.5

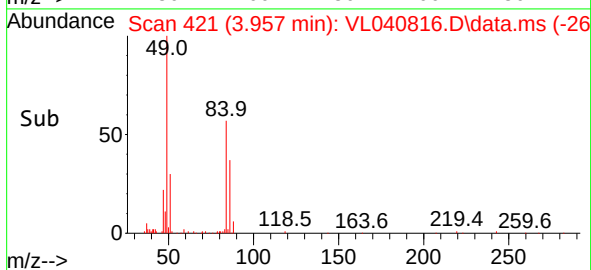
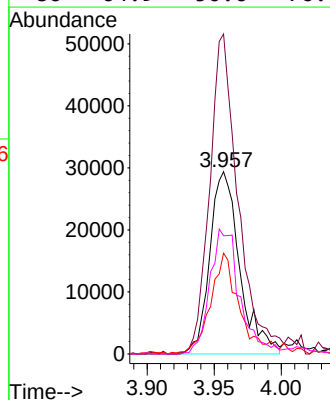
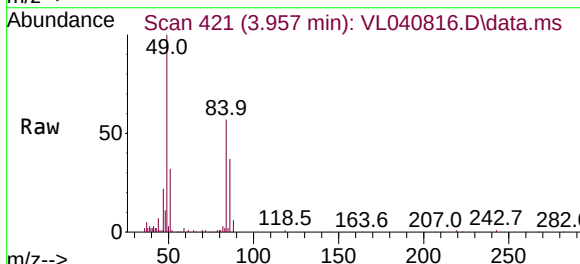
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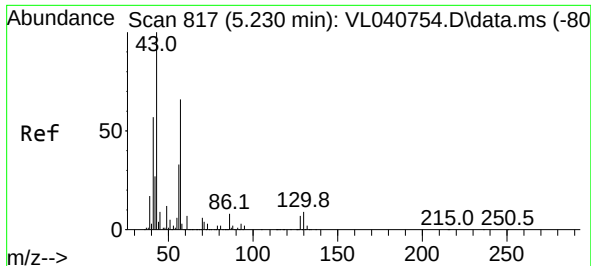
Reviewed By :Semsettin Yesilyurt 11/11/2023
Supervised By :Mahesh Dadoda 11/13/2023



#20
Methylene Chloride
Concen: 0.870 ppbv m
RT: 3.957 min Scan# 421
Delta R.T. -0.003 min
Lab File: VL040816.D
Acq: 8 Nov 2023 18:36

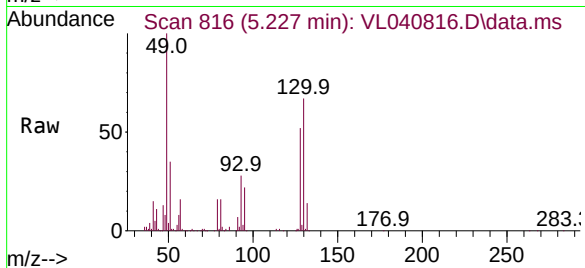
Tgt Ion: 84 Resp: 45611
Ion Ratio Lower Upper
84 100
49 175.6 125.6 188.4
51 55.4 38.9 58.3
86 64.9 50.6 76.0





#26
Hexane
Concen: 0.314 ppbv
RT: 5.227 min Scan# 816
Delta R.T. -0.000 min
Lab File: VL040816.D
Acq: 8 Nov 2023 18:36

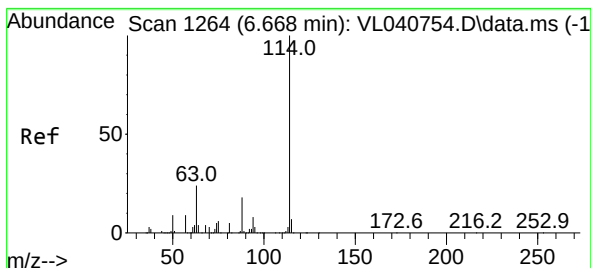
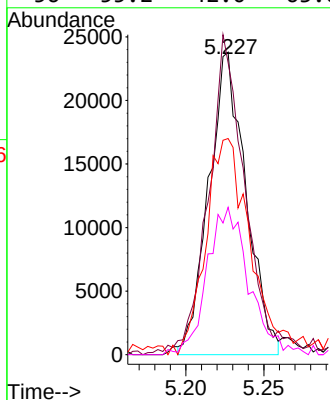
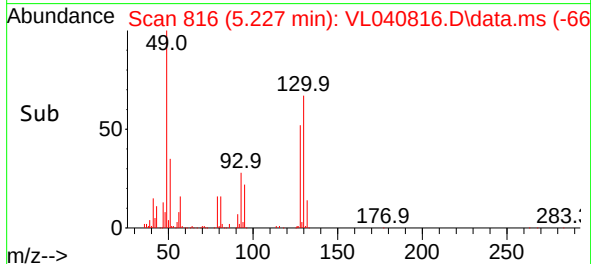
Instrument :
MSVOA_L
ClientSampleId :
SV1DL



Tgt Ion: 57 Resp: 39519
Ion Ratio Lower Upper
57 100
41 105.8 71.4 107.2
43 94.7 182.3 273.5
56 55.2 42.0 63.0

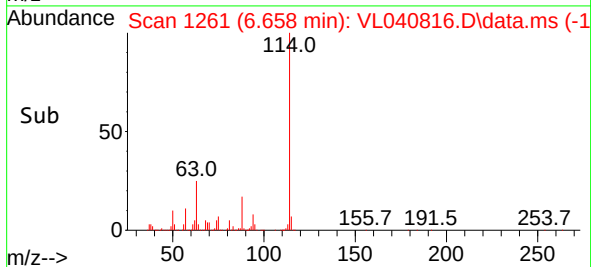
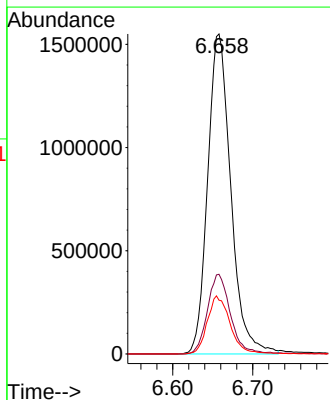
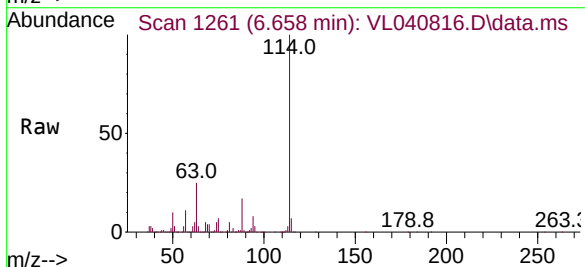
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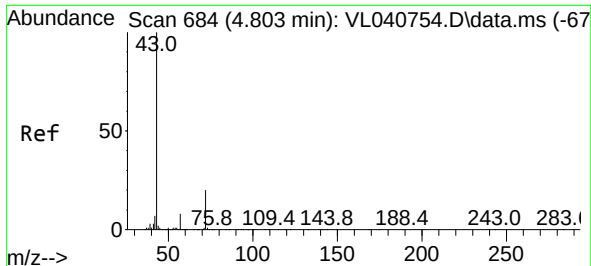
Reviewed By :Semsettin Yesilyurt 11/11/2023
Supervised By :Mahesh Dadoda 11/13/2023



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.658 min Scan# 1261
Delta R.T. -0.006 min
Lab File: VL040816.D
Acq: 8 Nov 2023 18:36

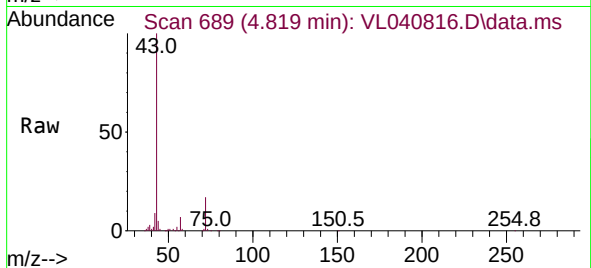
Tgt Ion:114 Resp: 3117466
Ion Ratio Lower Upper
114 100
63 25.0 19.8 29.6
88 18.0 14.2 21.2





#34
2-Butanone
Concen: 1.247 ppbv
RT: 4.819 min Scan# 684
Delta R.T. 0.013 min
Lab File: VL040816.D
Acq: 8 Nov 2023 18:36

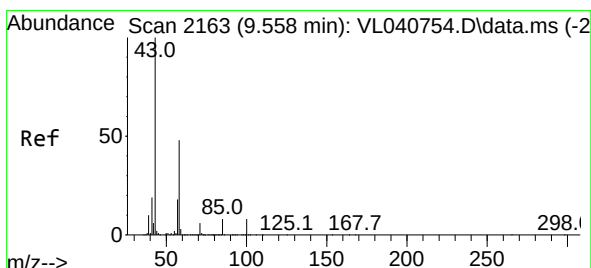
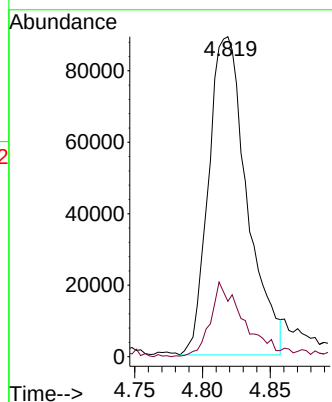
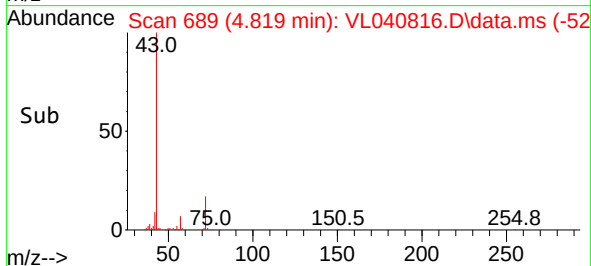
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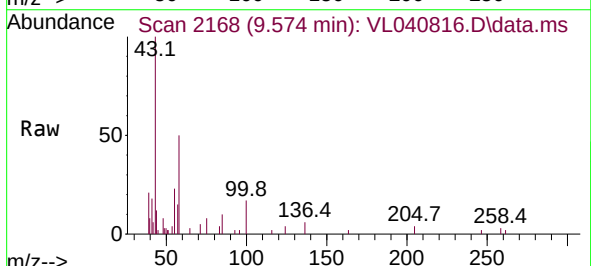
Tgt Ion: 43 Resp: 175948
Ion Ratio Lower Upper
43 100
72 22.1 16.8 25.2

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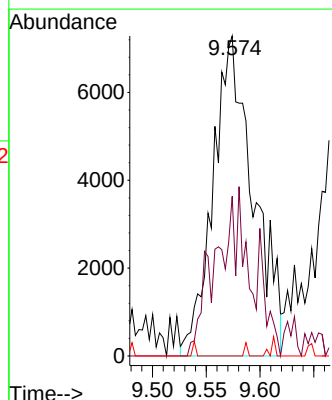
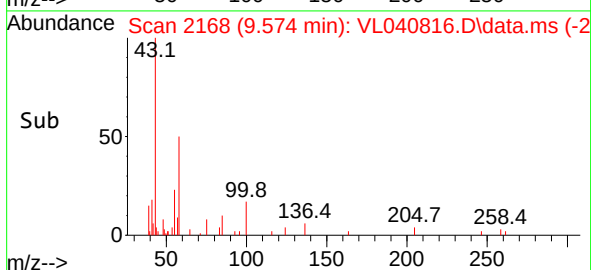
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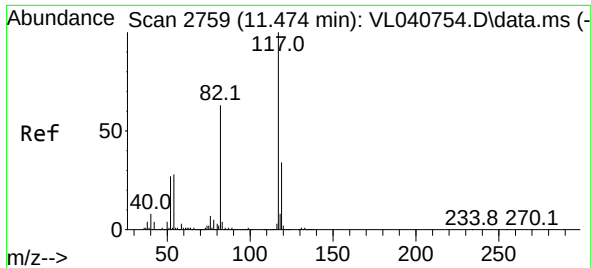


#51
2-Hexanone
Concen: 0.104 ppbv m
RT: 9.574 min Scan# 2168
Delta R.T. 0.026 min
Lab File: VL040816.D
Acq: 8 Nov 2023 18:36



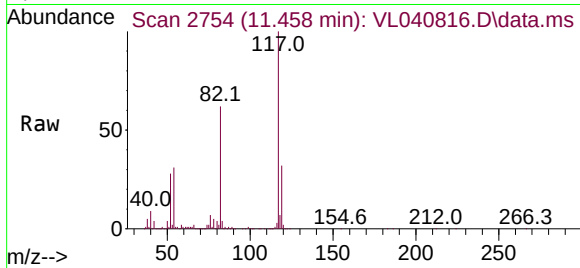
Tgt Ion: 43 Resp: 19053
Ion Ratio Lower Upper
43 100
58 0.0 38.6 58.0#
98 0.0 0.0 0.0





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.458 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL040816.D
Acq: 8 Nov 2023 18:36

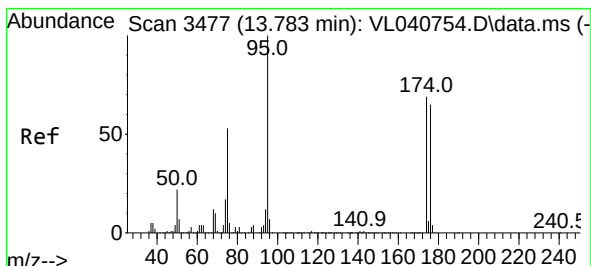
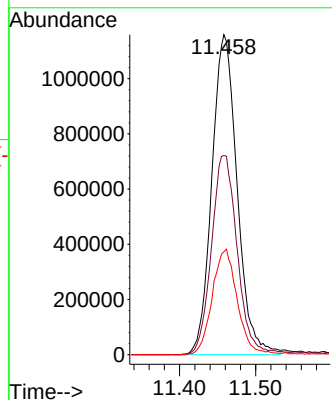
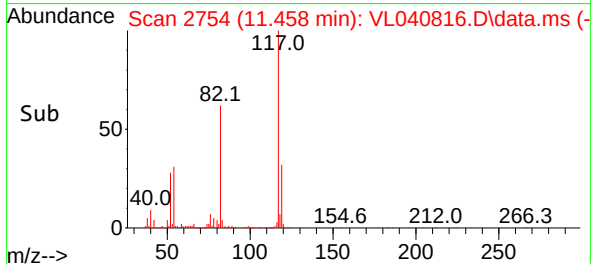
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Tgt Ion:117 Resp: 267783
Ion Ratio Lower Upper
117 100
82 64.8 46.6 70.0
119 33.2 26.0 39.0

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#68
1-Bromo-4-Fluorobenzene
Concen: 10.013 ppbv
RT: 13.767 min Scan# 3472
Delta R.T. -0.003 min
Lab File: VL040816.D
Acq: 8 Nov 2023 18:36

Tgt Ion: 95 Resp: 1972880
Ion Ratio Lower Upper
95 100
174 62.6 54.7 82.1
175 4.8 4.2 6.4

