

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110823\
 Data File : VL040828.D
 Acq On : 9 Nov 2023 9:20
 Operator : SY/MD
 Sample : 05276-03DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SH-IA-3DL

Manual Integrations
 APPROVED

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

Quant Time: Nov 10 04:49:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL101123AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 2023
 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	5.221	49	1127567	10.000	ppbv	0.01
33) 1,4-Difluorobenzene	6.674	114	2775768	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.478	117	2394190	10.000	ppbv	0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.783	95	1789136	10.156	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.600%
Target Compounds						
					Qvalue	
9) Propene	2.751	41	27631m	0.449	ppbv	
13) Ethanol	3.279	45	561346	40.402	ppbv	99
15) Acetone	3.510	43	615009m	5.276	ppbv	
17) tert-Butyl alcohol	3.931	59	78044m	0.653	ppbv	
19) Isopropyl Alcohol	3.619	45	249127m	3.320	ppbv	
20) Methylene Chloride	3.973	84	78166	1.610	ppbv	87
26) Hexane	5.243	57	147258	1.262	ppbv #	41
34) 2-Butanone	4.825	43	21268m	0.169	ppbv	
53) Toluene	9.237	91	31768m	0.125	ppbv	
59) m/p-Xylene	12.355	91	42105m	0.170	ppbv	
74) 1,2,4-Trimethylbenzene	16.124	105	62593m	0.235	ppbv	

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

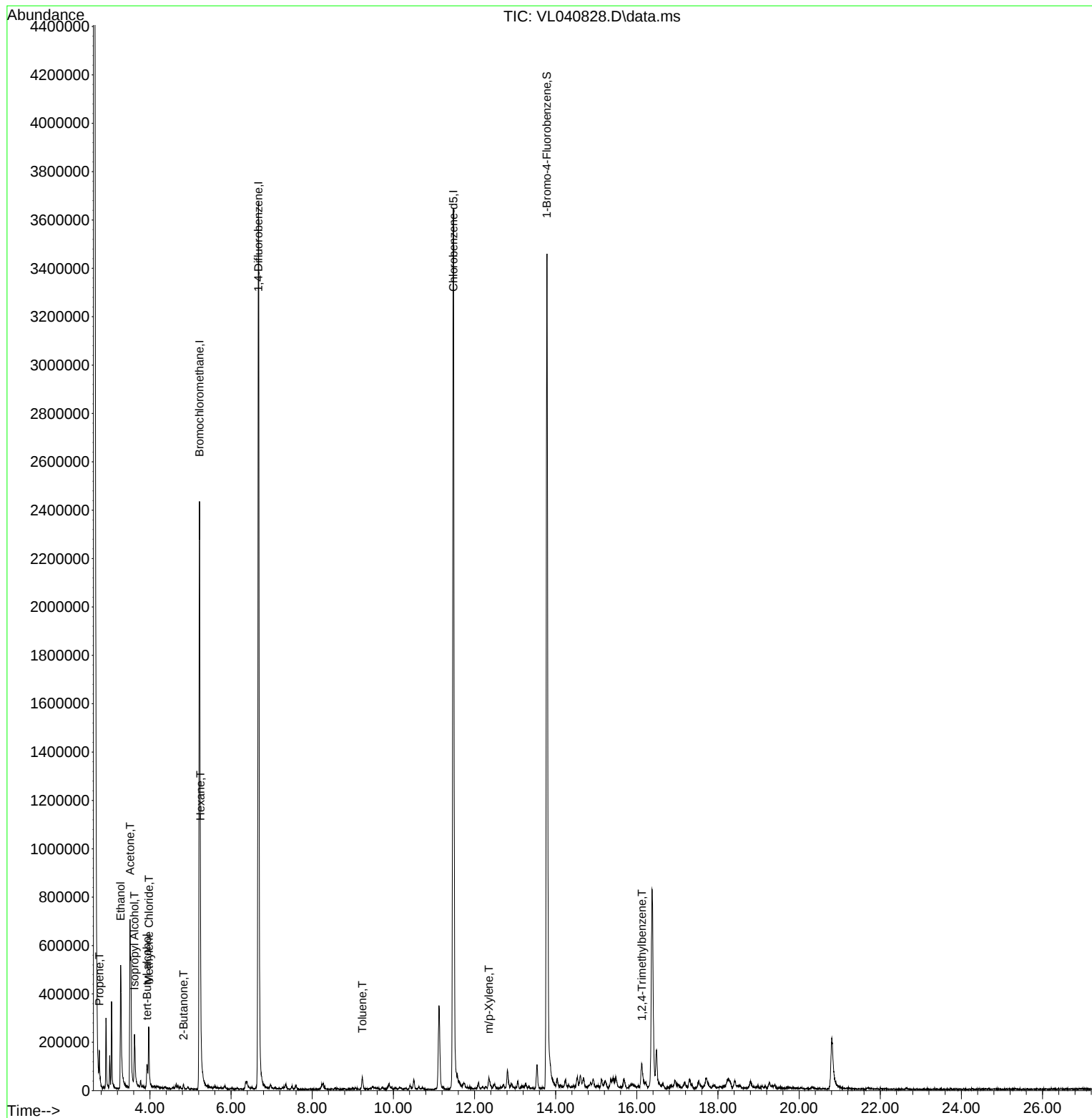
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110823\
Data File : VL040828.D
Acq On : 9 Nov 2023 9:20
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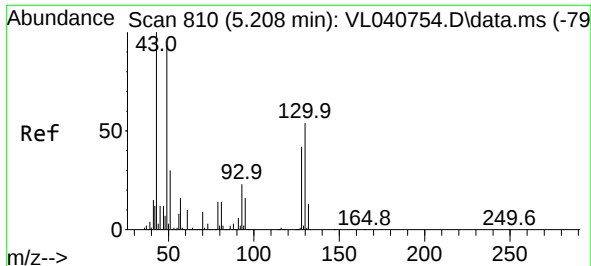
Instrument :
MSVOA_L
ClientSampleId :
SH-IA-3DL

Quant Time: Nov 10 04:49:58 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

Manual Integrations
APPROVED

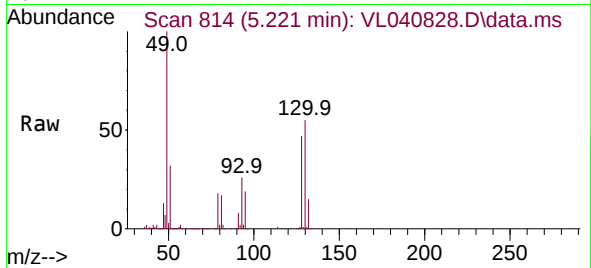
Reviewed By : Semsettin Yesilyurt 11/11/2023
Supervised By : Mahesh Dadoda 11/13/2023





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.221 min Scan# 81
Delta R.T. 0.013 min
Lab File: VL040828.D
Acq: 9 Nov 2023 9:20

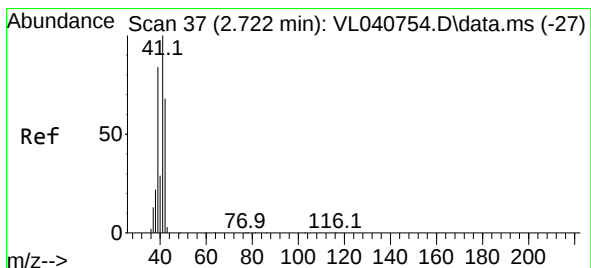
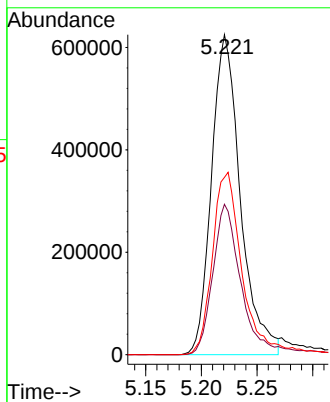
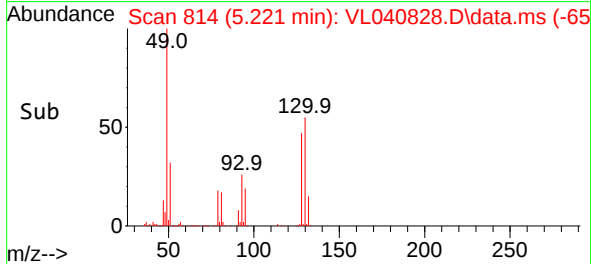
Instrument :
MSVOA_L
ClientSampleId :
SH-IA-3DL



Tgt Ion: 49 Resp: 112756
Ion Ratio Lower Upper
49 100
128 47.2 23.9 71.7
130 60.5 30.7 92.1

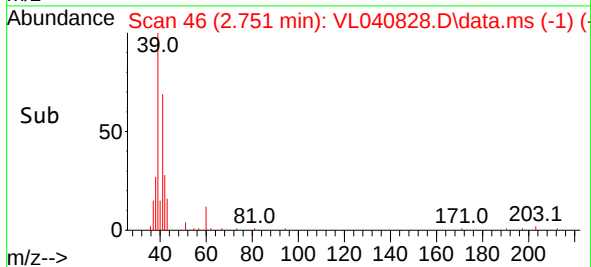
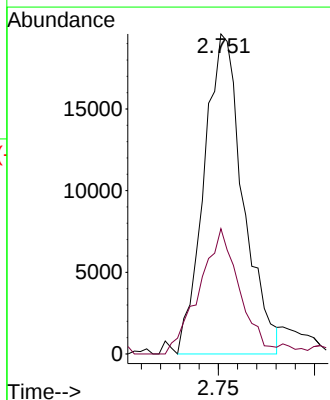
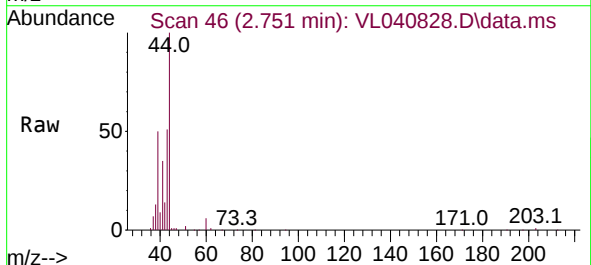
Manual Integrations
APPROVED

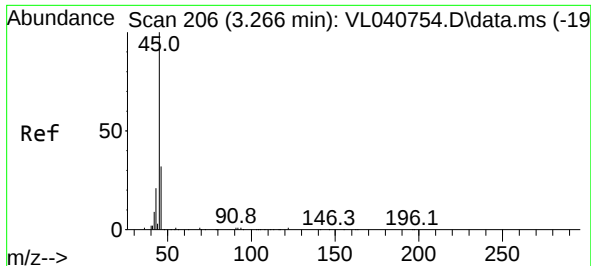
Reviewed By :Semsettin Yesilyurt 11/11/2023
Supervised By :Mahesh Dadoda 11/13/2023



#9
Propene
Concen: 0.449 ppbv m
RT: 2.751 min Scan# 46
Delta R.T. 0.016 min
Lab File: VL040828.D
Acq: 9 Nov 2023 9:20

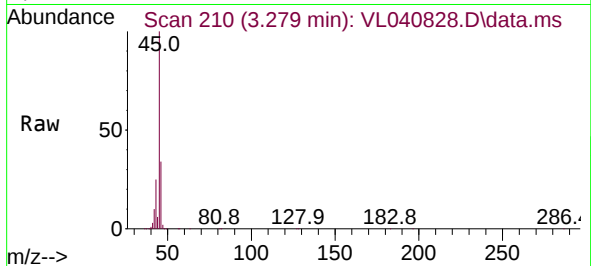
Tgt Ion: 41 Resp: 27631
Ion Ratio Lower Upper
41 100
42 183.3 57.1 85.7#





#13
Ethanol
Concen: 40.402 ppbv
RT: 3.279 min Scan# 210
Delta R.T. 0.000 min
Lab File: VL040828.D
Acq: 9 Nov 2023 9:20

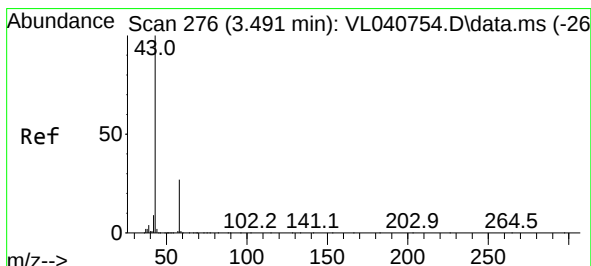
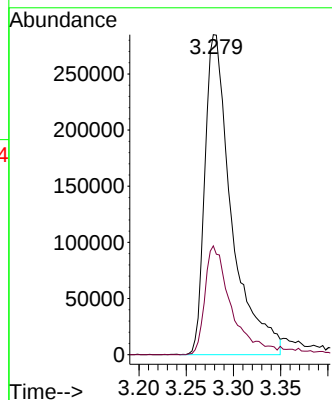
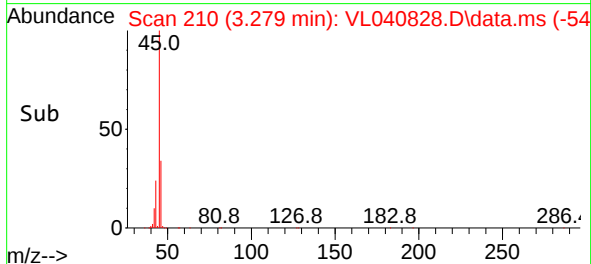
Instrument :
MSVOA_L
ClientSampleId :
SH-IA-3DL



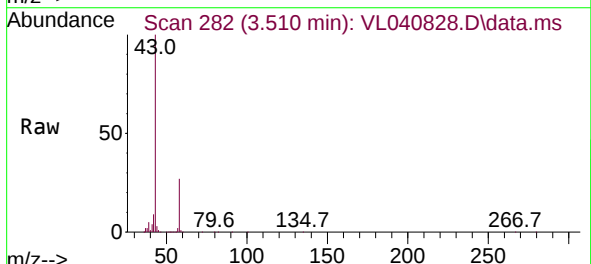
Tgt Ion: 45 Resp: 561340
Ion Ratio Lower Upper
45 100
46 35.8 14.6 58.2

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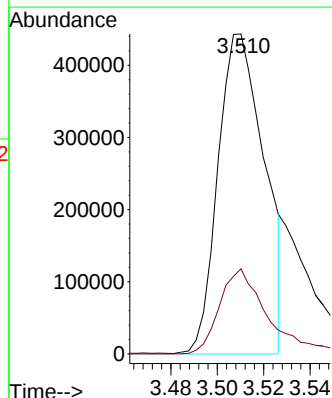
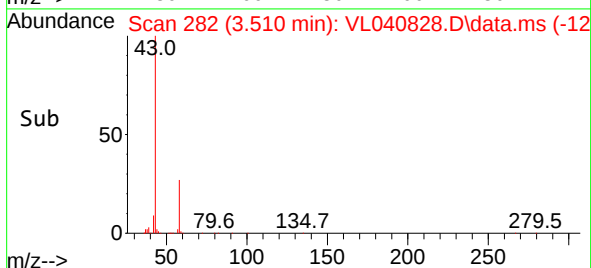
Reviewed By :Semsettin Yesilyurt 11/11/2023
Supervised By :Mahesh Dadoda 11/13/2023

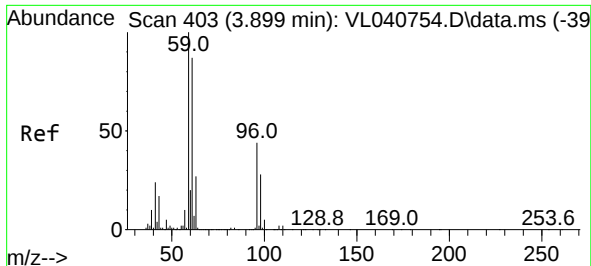


#15
Acetone
Concen: 5.276 ppbv m
RT: 3.510 min Scan# 282
Delta R.T. 0.010 min
Lab File: VL040828.D
Acq: 9 Nov 2023 9:20



Tgt Ion: 43 Resp: 615009
Ion Ratio Lower Upper
43 100
58 29.4 21.6 32.4





#17

tert-Butyl alcohol

Concen: 0.653 ppbv m

RT: 3.931 min Scan# 413

Delta R.T. 0.026 min

Lab File: VL040828.D

Acq: 9 Nov 2023 9:20

Instrument :

MSVOA_L

ClientSampleId :

SH-IA-3DL

Tgt Ion: 59 Resp: 7804

Ion Ratio Lower Upper

59 100

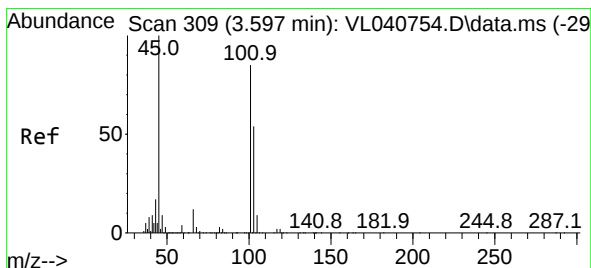
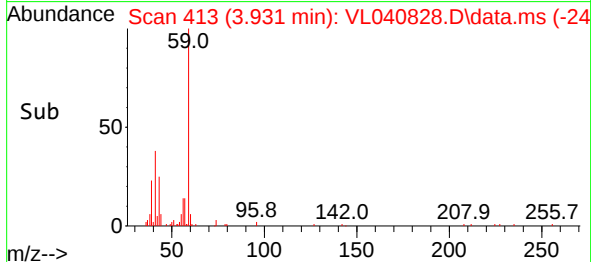
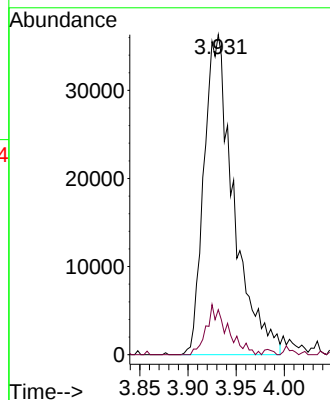
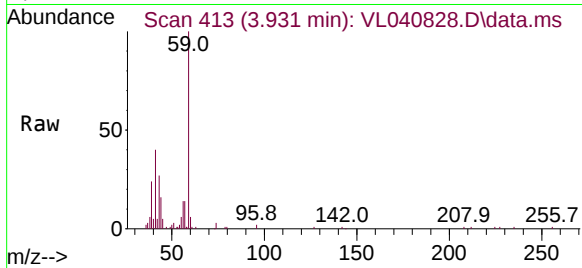
57 0.0 8.6 13.0

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/11/2023

Supervised By :Mahesh Dadoda 11/13/2023



#19

Isopropyl Alcohol

Concen: 3.320 ppbv m

RT: 3.619 min Scan# 316

Delta R.T. 0.013 min

Lab File: VL040828.D

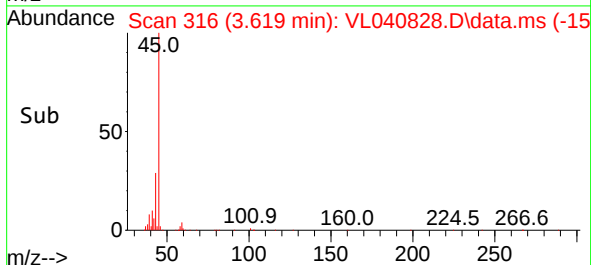
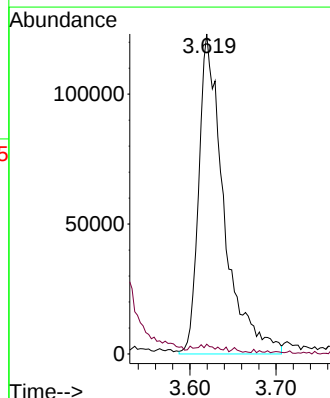
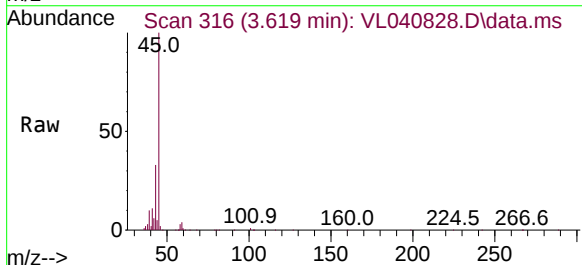
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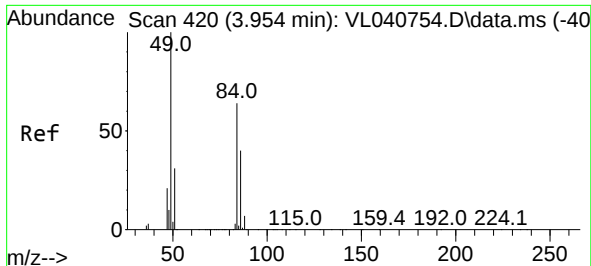
Tgt Ion: 45 Resp: 249127

Ion Ratio Lower Upper

45 100

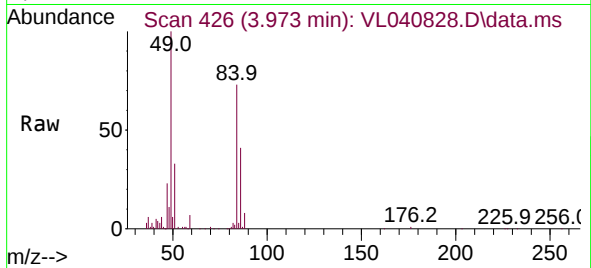
58 0.0 30.3 45.5





#20
Methylene Chloride
Concen: 1.610 ppbv
RT: 3.973 min Scan# 426
Delta R.T. 0.013 min
Lab File: VL040828.D
Acq: 9 Nov 2023 9:20

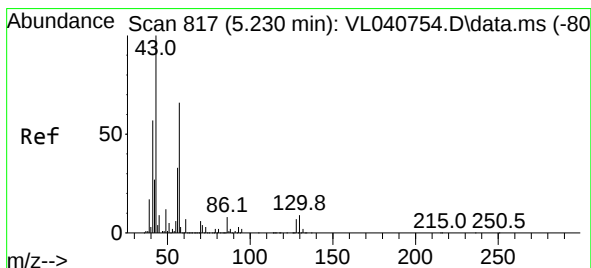
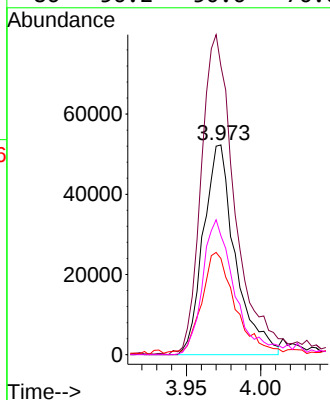
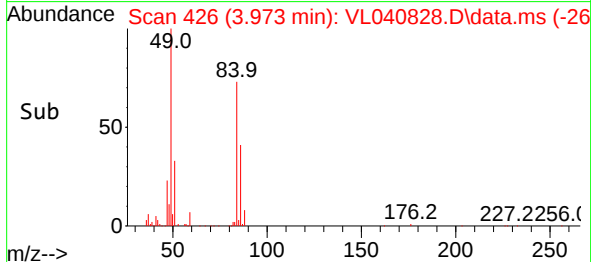
Instrument :
MSVOA_L
ClientSampleId :
SH-IA-3DL



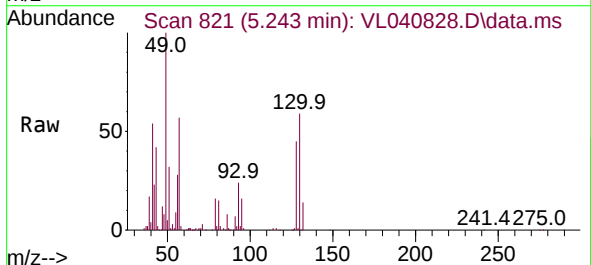
Tgt Ion: 84 Resp: 78160
Ion Ratio Lower Upper
84 100
49 136.1 125.6 188.4
51 44.0 38.9 58.3
86 56.2 50.6 76.0

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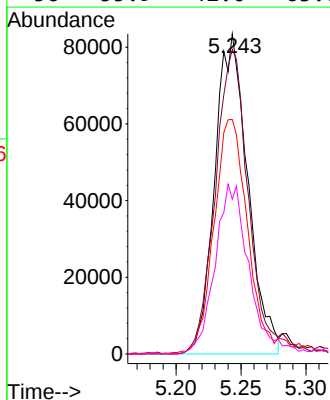
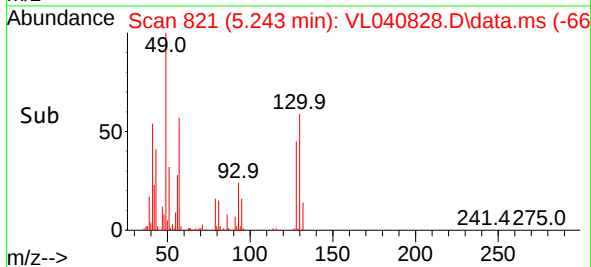
Reviewed By :Semsettin Yesilyurt 11/11/2023
Supervised By :Mahesh Dadoda 11/13/2023

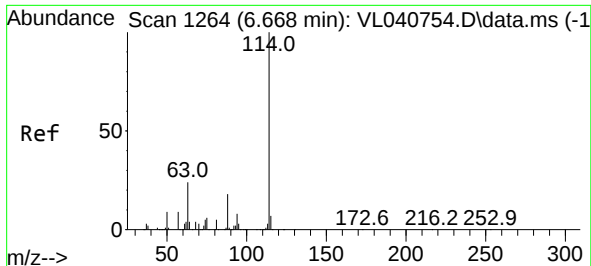


#26
Hexane
Concen: 1.262 ppbv
RT: 5.243 min Scan# 821
Delta R.T. 0.016 min
Lab File: VL040828.D
Acq: 9 Nov 2023 9:20



Tgt Ion: 57 Resp: 147258
Ion Ratio Lower Upper
57 100
41 99.0 71.4 107.2
43 78.7 182.3 273.5#
56 55.9 42.0 63.0





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.674 min Scan# 1

Delta R.T. 0.010 min

Lab File: VL040828.D

Acq: 9 Nov 2023 9:20

Instrument :

MSVOA_L

ClientSampleId :

SH-IA-3DL

Tgt Ion:114 Resp: 277576

Ion Ratio Lower Upper

114 100

63 26.3 19.8 29.6

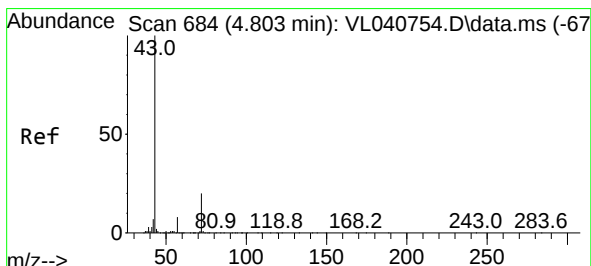
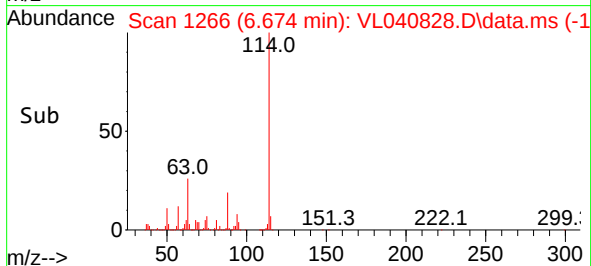
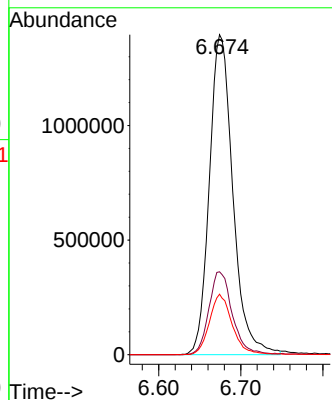
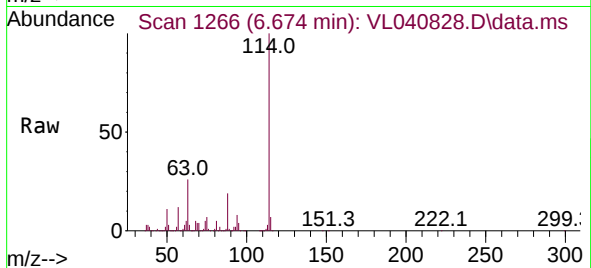
88 18.5 14.2 21.2

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/11/2023

Supervised By :Mahesh Dadoda 11/13/2023



#34

2-Butanone

Concen: 0.169 ppbv m

RT: 4.825 min Scan# 691

Delta R.T. 0.019 min

Lab File: VL040828.D

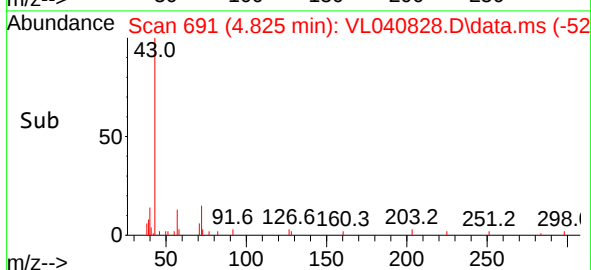
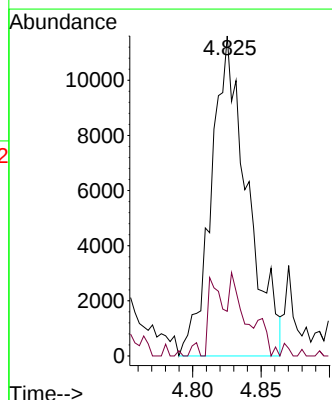
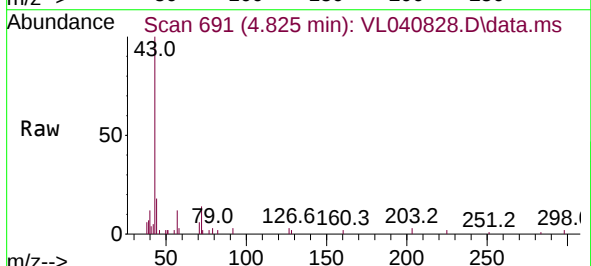
Acq: 9 Nov 2023 9:20

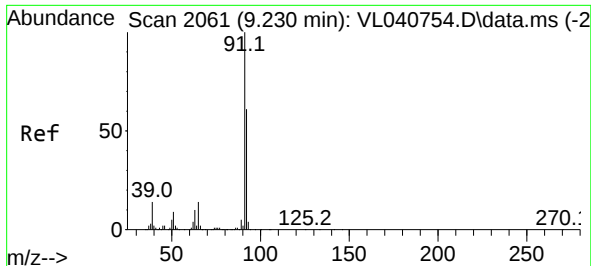
Tgt Ion: 43 Resp: 21268

Ion Ratio Lower Upper

43 100

72 24.7 16.8 25.2





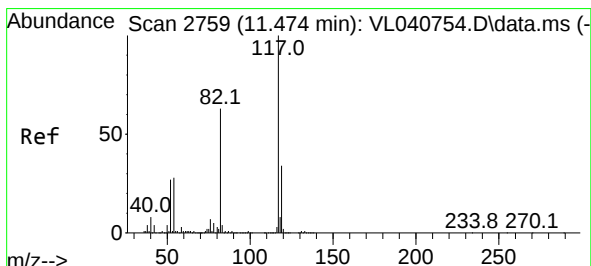
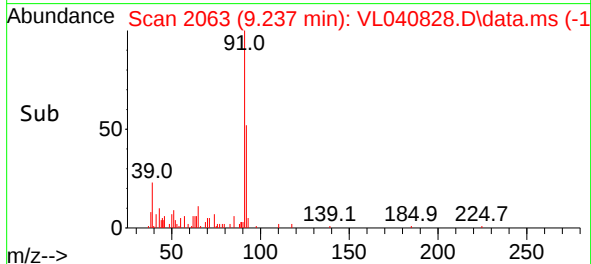
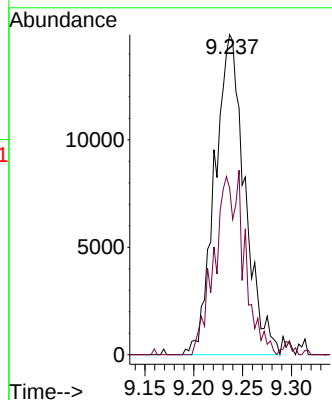
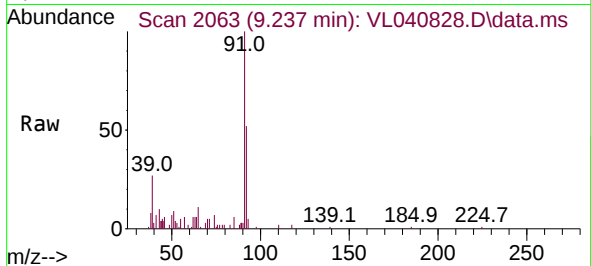
#53
Toluene
Concen: 0.125 ppbv m
RT: 9.237 min Scan# 2061
Delta R.T. 0.016 min
Lab File: VL040828.D
Acq: 9 Nov 2023 9:20

Instrument :
MSVOA_L
ClientSampleId :
SH-IA-3DL

Tgt Ion: 91 Resp: 31768
Ion Ratio Lower Upper
91 100
92 57.8 50.2 75.2

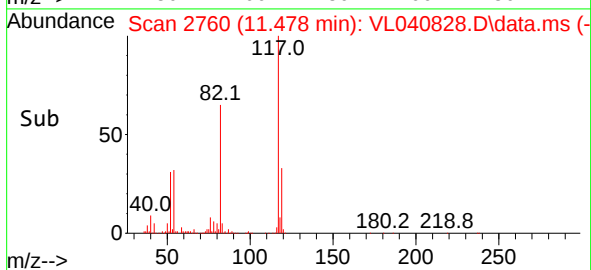
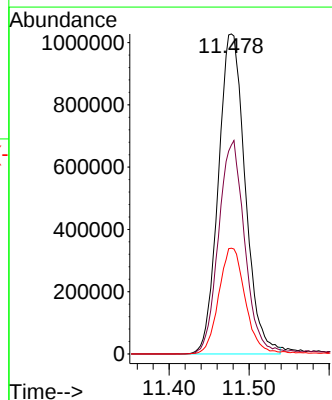
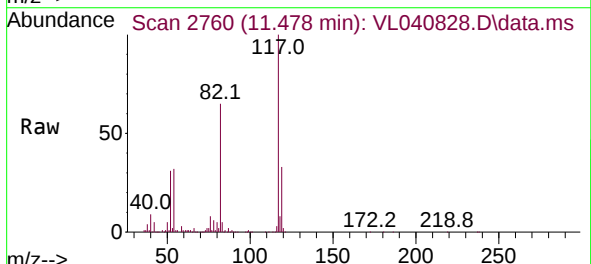
Manual Integrations
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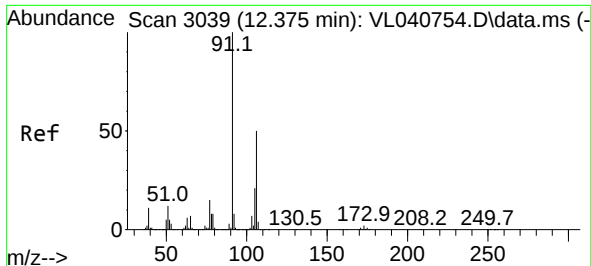
Reviewed By :Semsettin Yesilyurt 11/11/2023
Supervised By :Mahesh Dadoda 11/13/2023



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.478 min Scan# 2760
Delta R.T. 0.016 min
Lab File: VL040828.D
Acq: 9 Nov 2023 9:20

Tgt Ion:117 Resp: 2394190
Ion Ratio Lower Upper
117 100
82 66.9 46.6 70.0
119 33.4 26.0 39.0





#59

m/p-Xylene

Concen: 0.170 ppbv m

RT: 12.355 min Scan# 3033

Delta R.T. -0.013 min

Lab File: VL040828.D

Acq: 9 Nov 2023 9:20

Instrument :

MSVOA_L

ClientSampleId :

SH-IA-3DL

Tgt Ion: 91 Resp: 4210

Ion Ratio Lower Upper

91 100

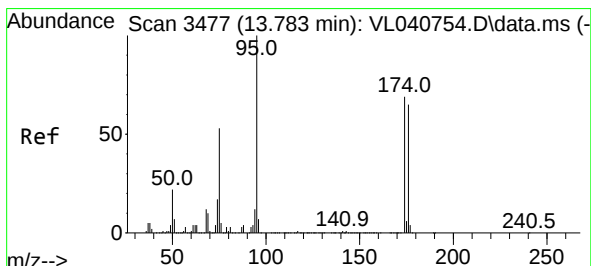
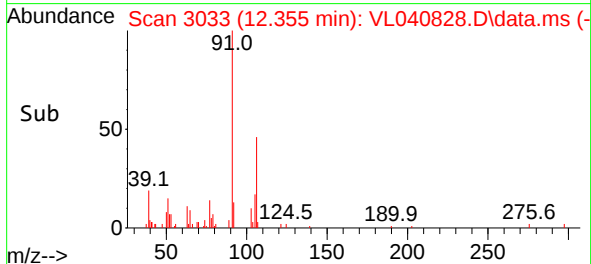
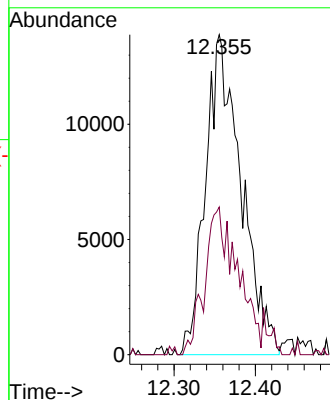
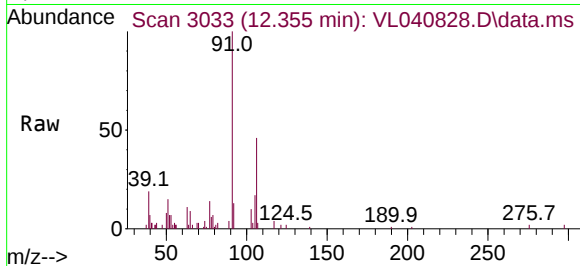
106 0.0 37.7 56.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/11/2023

Supervised By :Mahesh Dadoda 11/13/2023



#68

1-Bromo-4-Fluorobenzene

Concen: 10.156 ppbv

RT: 13.783 min Scan# 3477

Delta R.T. 0.013 min

Lab File: VL040828.D

Acq: 9 Nov 2023 9:20

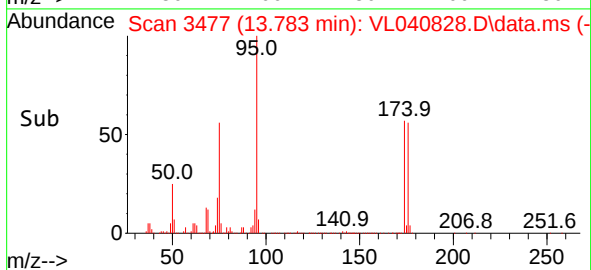
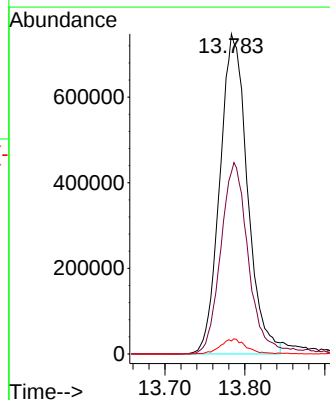
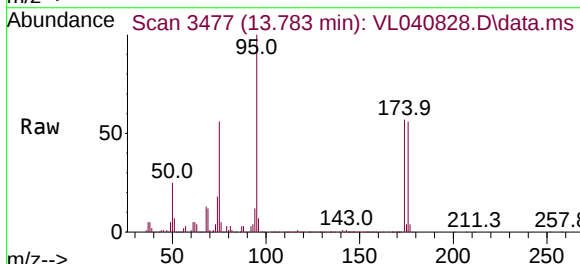
Tgt Ion: 95 Resp: 1789136

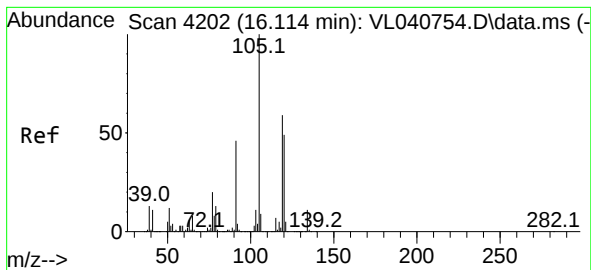
Ion Ratio Lower Upper

95 100

174 61.6 54.7 82.1

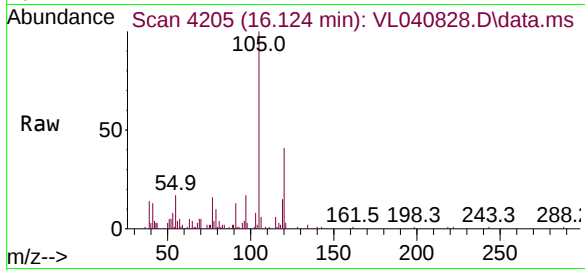
175 4.5 4.2 6.4





#74
1,2,4-Trimethylbenzene
Concen: 0.235 ppbv m
RT: 16.124 min Scan# 41
Delta R.T. 0.023 min
Lab File: VL040828.D
Acq: 9 Nov 2023 9:20

Instrument :
MSVOA_L
ClientSampleId :
SH-IA-3DL



Tgt Ion:105 Resp: 6259
Ion Ratio Lower Upper
105 100
120 41.1 39.4 59.2
91 13.2 38.6 58.0
77 15.9 16.6 25.0#

Manual Integrations
APPROVED

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

