

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111723\
 Data File : VL040894.D
 Acq On : 17 Nov 2023 14:12
 Operator : SY/MD
 Sample : 05278-02DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SH-SS-3DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 11/20/2023
 Supervised By :Mahesh Dadoda 11/21/2023

Quant Time: Nov 20 03:58:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111323AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Mon Nov 20 03:50:24 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.214	49	950147	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.668	114	2309920	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.474	117	2009303	10.000	ppbv	0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.786	95	1611844	10.246	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.500%
Target Compounds						
13) Ethanol	3.275	45	58401m	5.883	ppbv	
15) Acetone	3.504	43	468772m	4.632	ppbv	
19) Isopropyl Alcohol	3.619	45	28161m	0.462	ppbv	
20) Methylene Chloride	3.963	84	103524	2.479	ppbv	96
26) Hexane	5.237	57	67035	0.723	ppbv #	41
53) Toluene	9.237	91	21303m	0.103	ppbv	

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

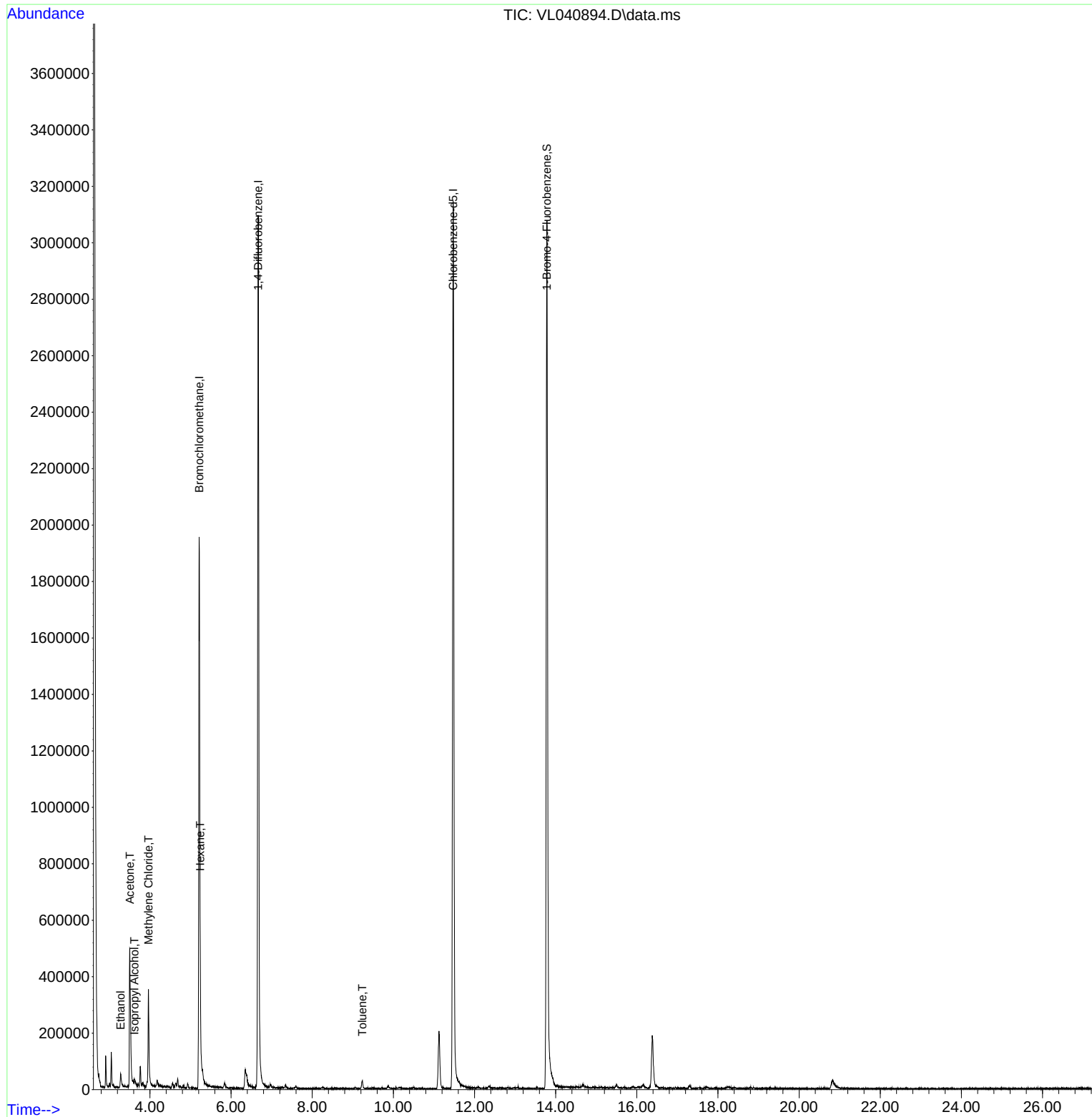
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111723\
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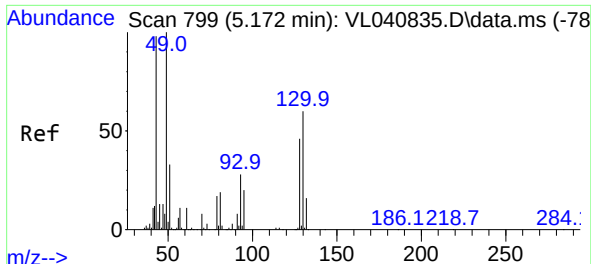
Instrument :
MSVOA_L
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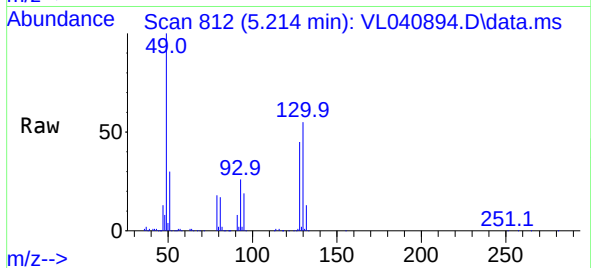
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.214 min Scan# 81
Delta R.T. 0.003 min
Lab File: VL040894.D
Acq: 17 Nov 2023 14:12

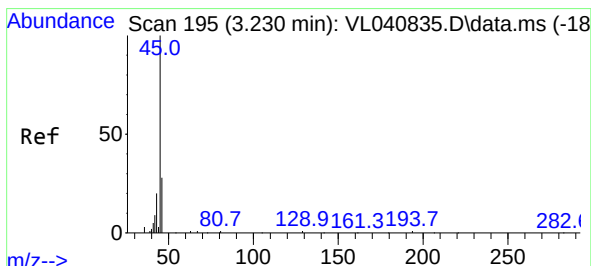
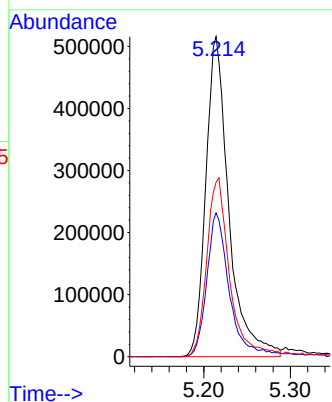
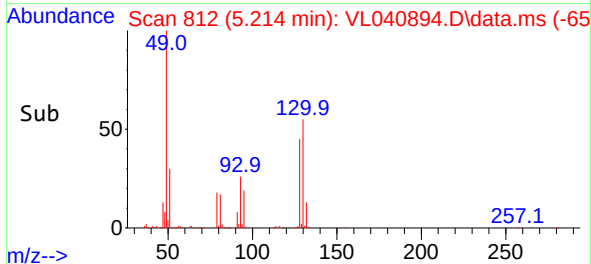
Instrument :
MSVOA_L
ClientSampleId :
SH-SS-3DL



Tgt Ion: 49 Resp: 95014
Ion Ratio Lower Upper
49 100
128 45.4 23.8 71.2
130 57.5 30.9 92.8

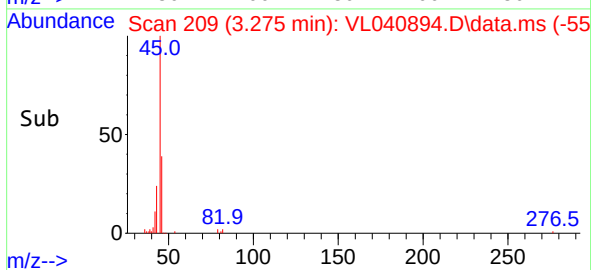
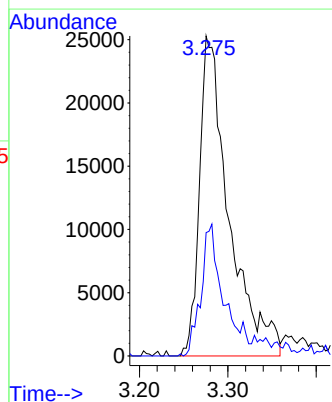
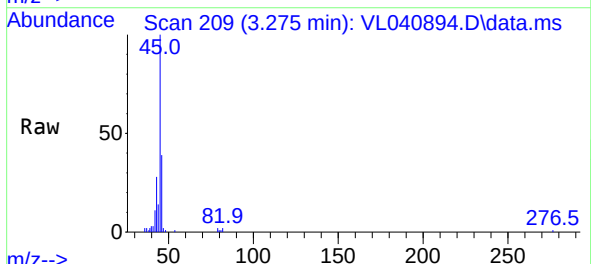
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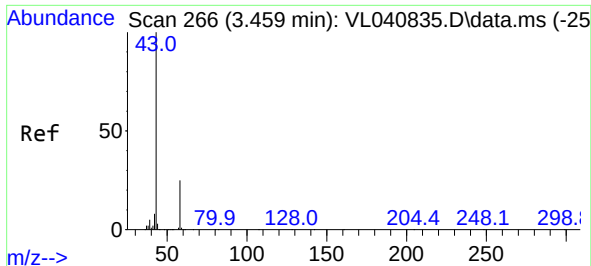
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023



#13
Ethanol
Concen: 5.883 ppbv m
RT: 3.275 min Scan# 209
Delta R.T. -0.003 min
Lab File: VL040894.D
Acq: 17 Nov 2023 14:12

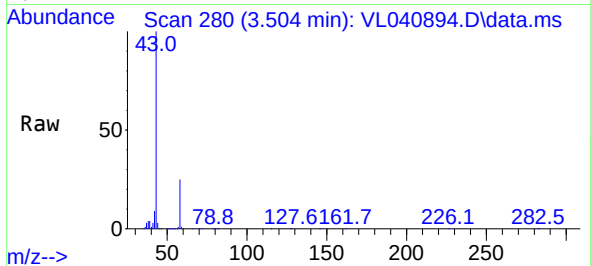
Tgt Ion: 45 Resp: 58401
Ion Ratio Lower Upper
45 100
46 38.9 0.0 0.0#





#15
Acetone
Concen: 4.632 ppbv m
RT: 3.504 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL040894.D
Acq: 17 Nov 2023 14:12

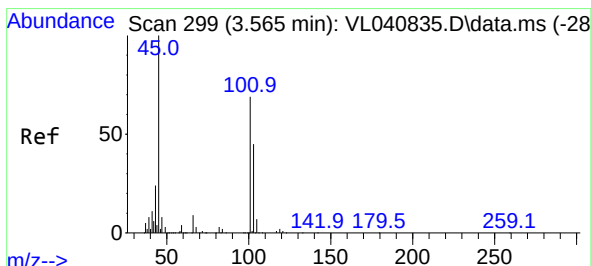
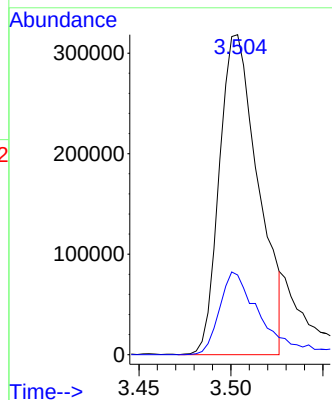
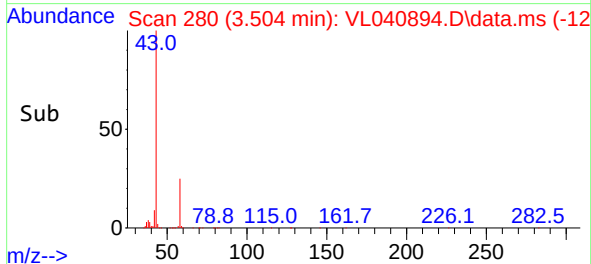
Instrument :
MSVOA_L
ClientSampleId :
SH-SS-3DL



Tgt Ion: 43 Resp: 468772
Ion Ratio Lower Upper
43 100
58 29.7 20.9 31.3

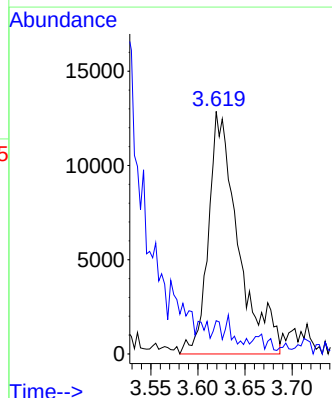
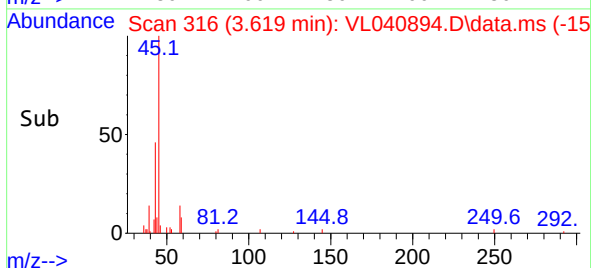
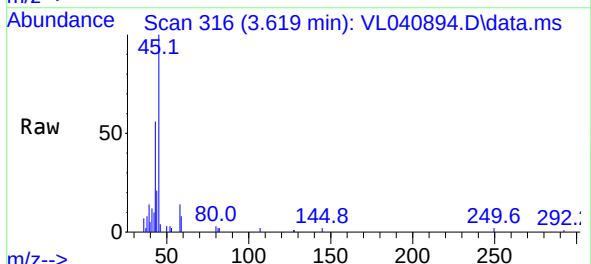
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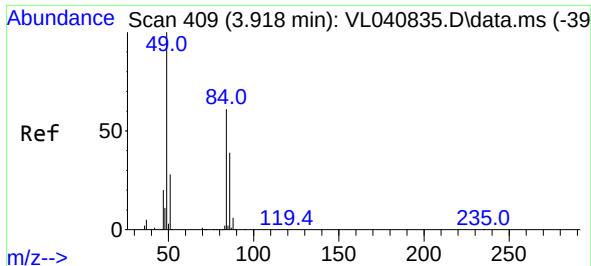
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023



#19
Isopropyl Alcohol
Concen: 0.462 ppbv m
RT: 3.619 min Scan# 316
Delta R.T. 0.009 min
Lab File: VL040894.D
Acq: 17 Nov 2023 14:12

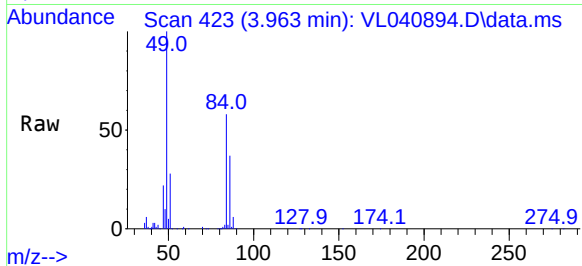
Tgt Ion: 45 Resp: 28161
Ion Ratio Lower Upper
45 100
58 0.0 1.6 2.4#





#20
Methylene Chloride
Concen: 2.479 ppbv
RT: 3.963 min Scan# 41
Delta R.T. -0.000 min
Lab File: VL040894.D
Acq: 17 Nov 2023 14:12

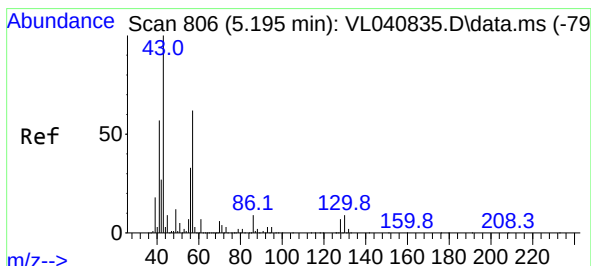
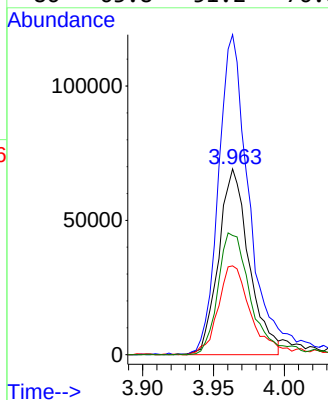
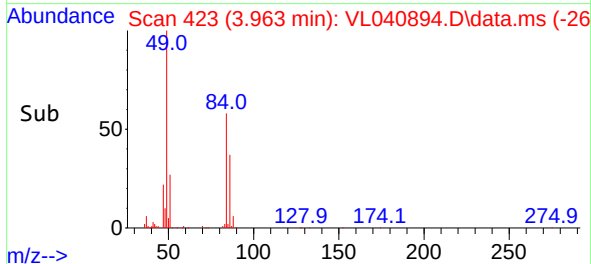
Instrument :
MSVOA_L
ClientSampleId :
SH-SS-3DL



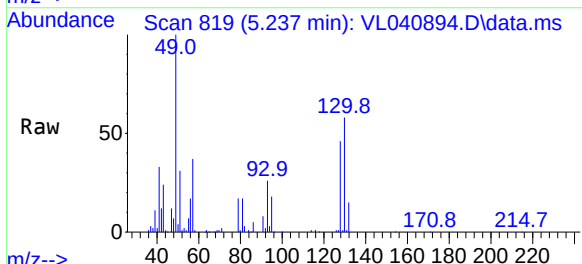
Tgt Ion: 84 Resp: 103524
Ion Ratio Lower Upper
84 100
49 171.8 131.0 196.4
51 47.5 36.9 55.3
86 63.8 51.2 76.8

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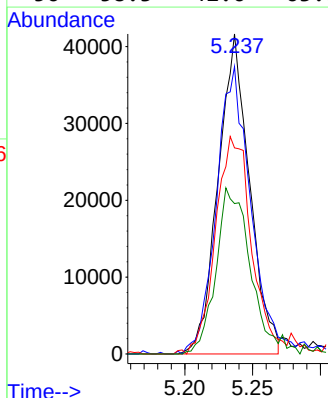
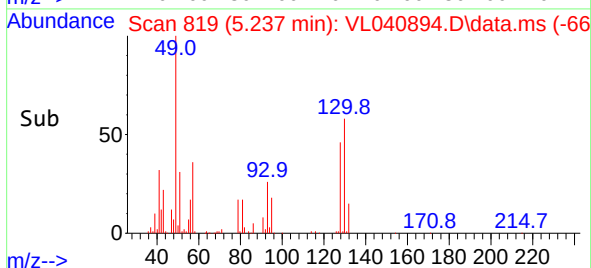
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023

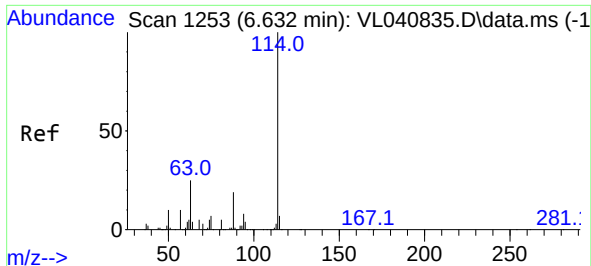


#26
Hexane
Concen: 0.723 ppbv
RT: 5.237 min Scan# 819
Delta R.T. 0.006 min
Lab File: VL040894.D
Acq: 17 Nov 2023 14:12



Tgt Ion: 57 Resp: 67035
Ion Ratio Lower Upper
57 100
41 101.2 75.4 113.0
43 80.3 185.9 278.9#
56 58.3 42.6 63.8





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.668 min Scan# 114

Delta R.T. 0.003 min

Lab File: VL040894.D

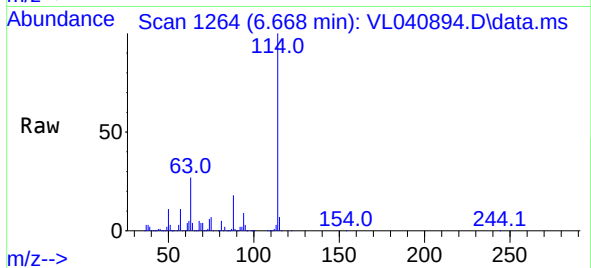
Acq: 17 Nov 2023 14:12

Instrument :

MSVOA_L

ClientSampleId :

SH-SS-3DL



Tgt Ion:114 Resp: 2309920

Ion Ratio Lower Upper

114 100

63 26.3 20.9 31.3

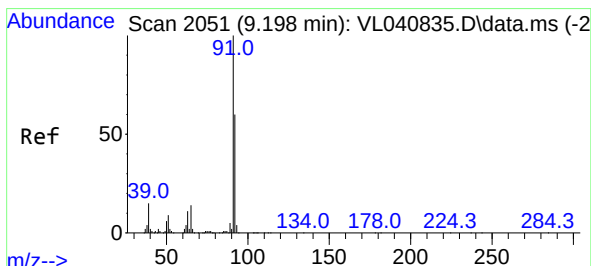
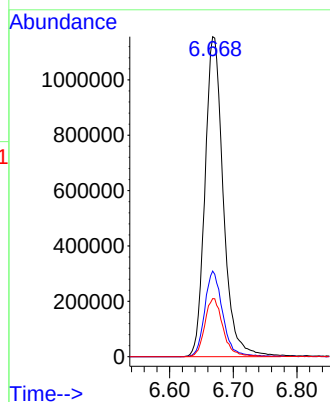
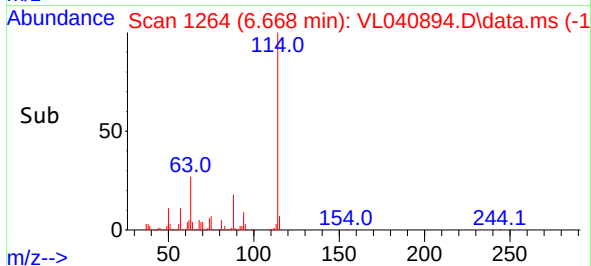
88 18.2 14.3 21.5

Manual Integrations

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#53

Toluene

Concen: 0.103 ppbv m

RT: 9.237 min Scan# 2063

Delta R.T. 0.013 min

Lab File: VL040894.D

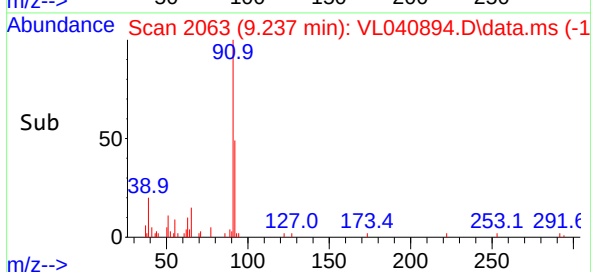
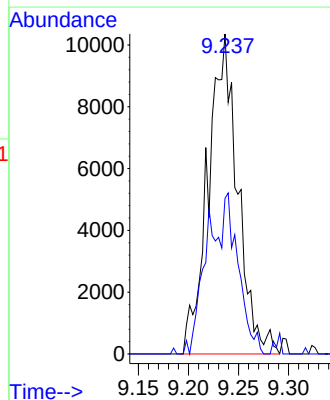
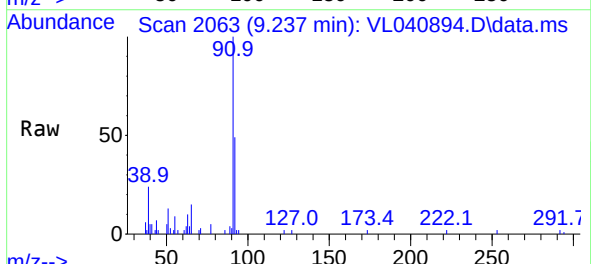
Acq: 17 Nov 2023 14:12

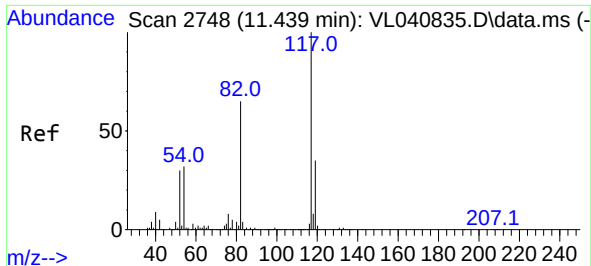
Tgt Ion: 91 Resp: 21303

Ion Ratio Lower Upper

91 100

92 0.0 49.4 74.2#





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.474 min Scan# 21
Delta R.T. 0.013 min
Lab File: VL040894.D
Acq: 17 Nov 2023 14:12

Instrument :

MSVOA_L

ClientSampleId :

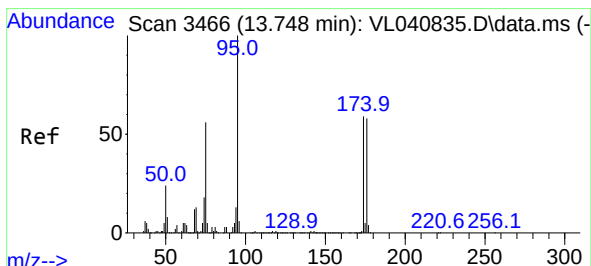
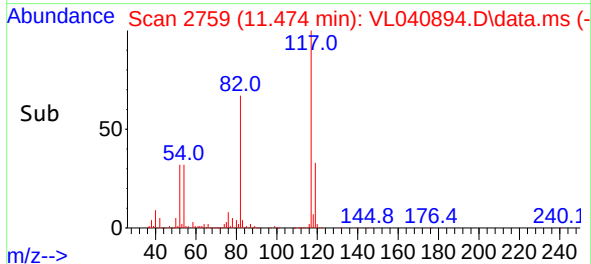
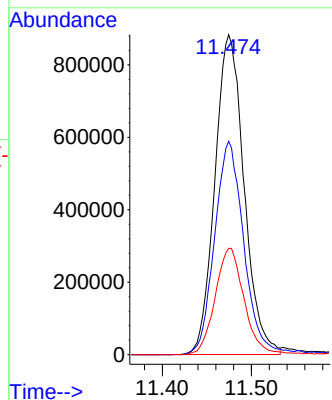
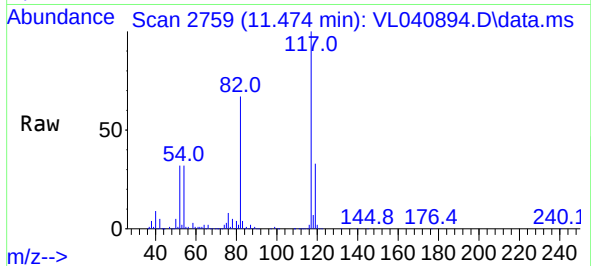
SH-SS-3DL

Tgt Ion:117 Resp: 200930
Ion Ratio Lower Upper
117 100
82 67.5 50.6 75.8
119 33.6 23.3 34.9

Manual Integrations

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#68
1-Bromo-4-Fluorobenzene
Concen: 10.246 ppbv
RT: 13.786 min Scan# 3478
Delta R.T. 0.016 min
Lab File: VL040894.D
Acq: 17 Nov 2023 14:12

Tgt Ion: 95 Resp: 1611844
Ion Ratio Lower Upper
95 100
174 59.7 47.5 71.3
175 4.3 3.6 5.4

