

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092723\
 Data File : VL040728.D
 Acq On : 27 Sep 2023 15:27
 Operator : SY/MD
 Sample : 04616-02DL2 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SSG1DL2

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 09/28/2023
 Supervised By :Mahesh Dadoda 09/28/2023

Quant Time: Sep 28 01:44:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091423AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 25 2023
 QLast Update : Tue Sep 19 05:12:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.182	49	1314997	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	6.639	114	3566814	10.000	ppbv	-0.02
55) Chlorobenzene-d5	11.446	117	3054873	10.000	ppbv	-0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.754	95	2215984	9.389	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	93.900%
Target Compounds						
9) Propene	2.710	41	15501	0.251	ppbv #	72
13) Ethanol	3.247	45	155739	8.526	ppbv	99
15) Acetone	3.468	43	1315260	7.583	ppbv	97
19) Isopropyl Alcohol	3.584	45	141662	1.355	ppbv #	93
34) 2-Butanone	4.790	43	69068	0.385	ppbv	98
53) Toluene	9.198	91	51175m	0.184	ppbv	
61) Styrene	12.873	104	49726m	0.380	ppbv	
62) Isopropylbenzene	14.008	105	160746m	0.341	ppbv	

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

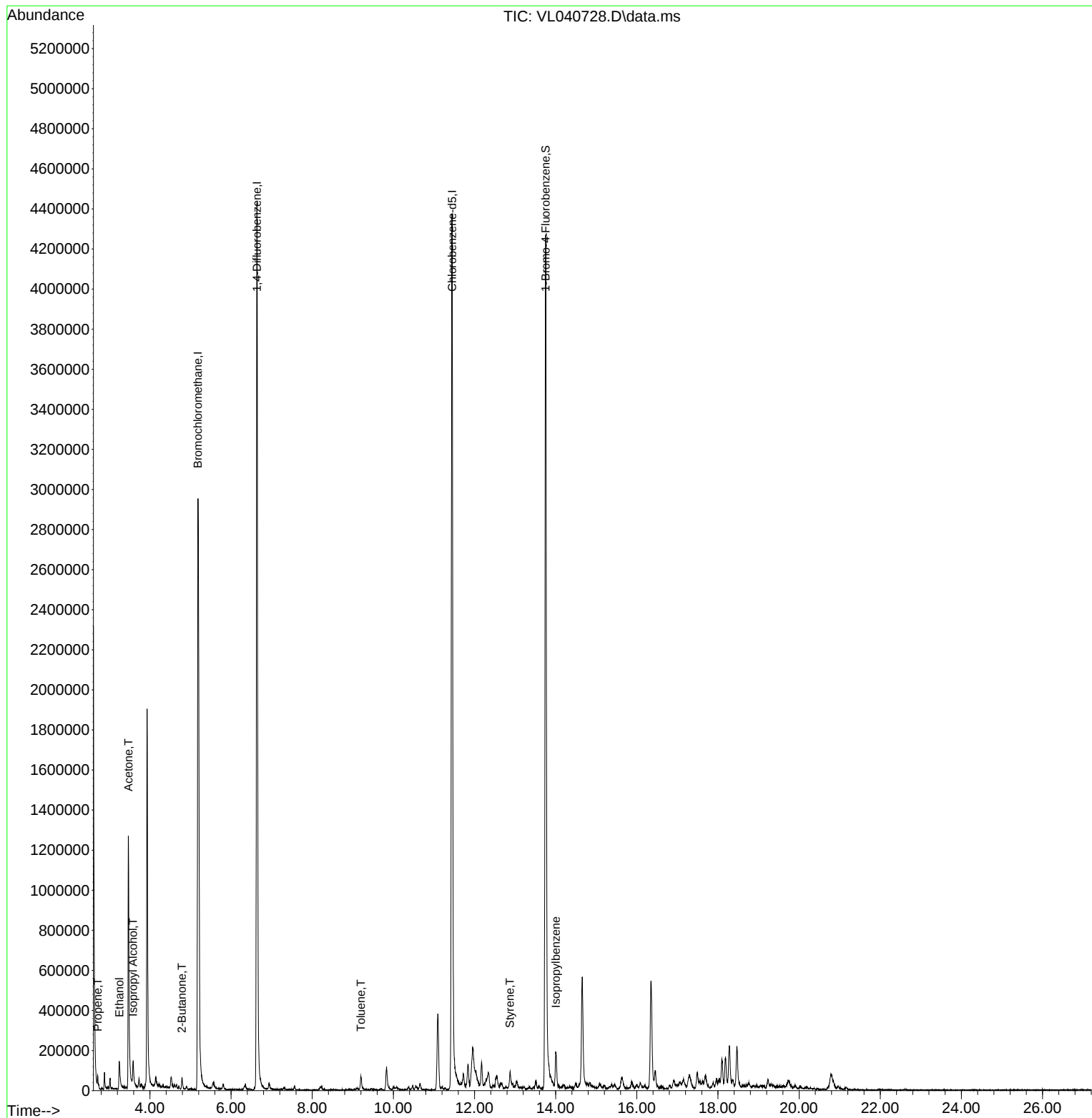
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092723\
Data File : VL040728.D
Acq On : 27 Sep 2023 15:27
Operator : SY/MD
Sample : 04616-02DL2 10X
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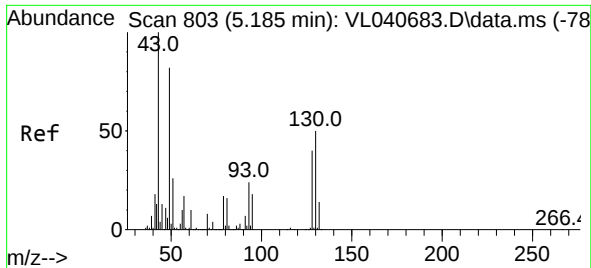
Instrument :
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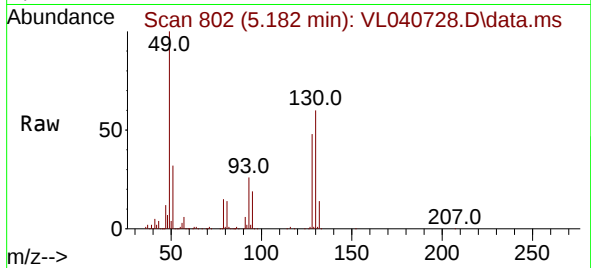
Quant Time: Sep 28 01:44:45 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091423AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Tue Sep 19 05:12:43 2023
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.182 min Scan# 80
Delta R.T. -0.016 min
Lab File: VL040728.D
Acq: 27 Sep 2023 15:27

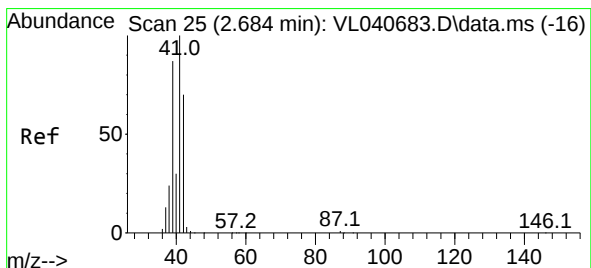
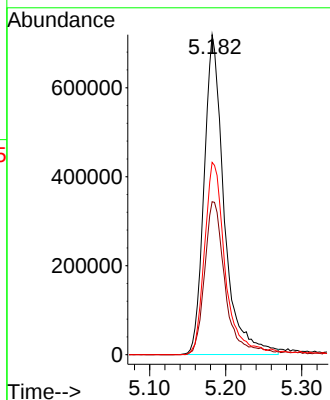
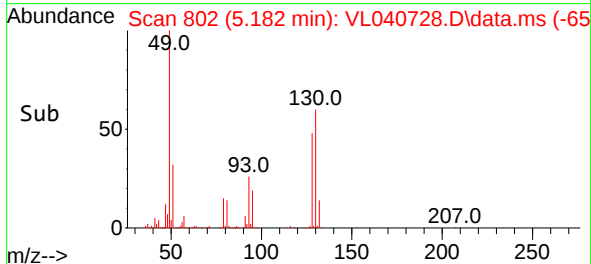
Instrument :
MSVOA_L
ClientSampleId :
SSG1DL2



Tgt Ion: 49 Resp: 131499
Ion Ratio Lower Upper
49 100
128 51.4 25.4 76.0
130 63.9 32.3 96.8

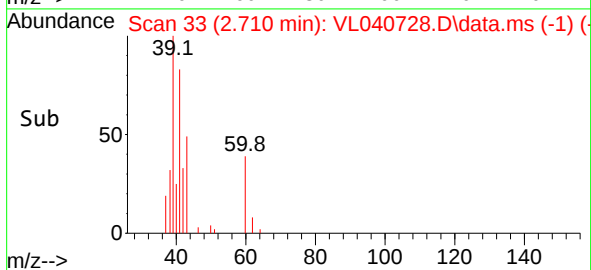
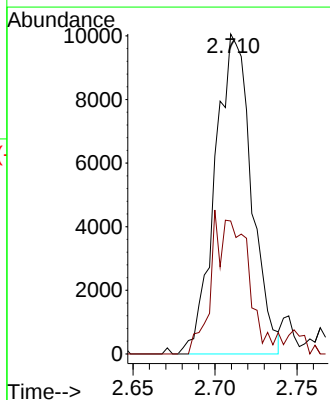
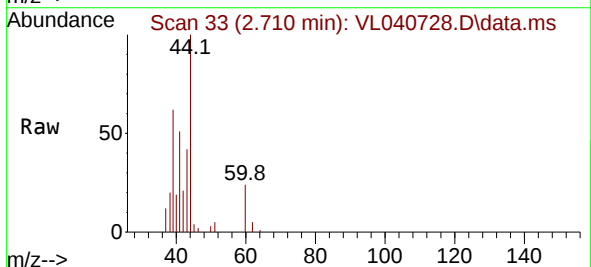
Manual Integrations
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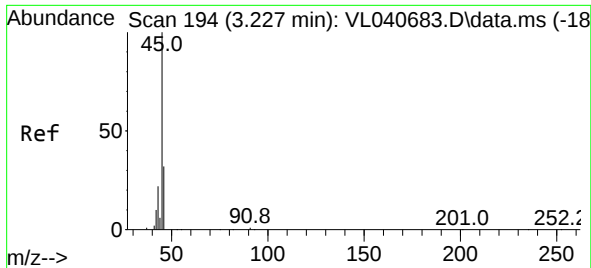
Reviewed By :Semsettin Yesilyurt 09/28/2023
Supervised By :Mahesh Dadoda 09/28/2023



#9
Propene
Concen: 0.251 ppbv
RT: 2.710 min Scan# 33
Delta R.T. 0.013 min
Lab File: VL040728.D
Acq: 27 Sep 2023 15:27

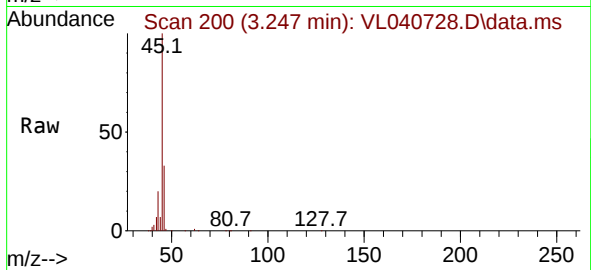
Tgt Ion: 41 Resp: 15501
Ion Ratio Lower Upper
41 100
42 47.4 56.7 85.1#





#13
Ethanol
Concen: 8.526 ppbv
RT: 3.247 min Scan# 200
Delta R.T. 0.003 min
Lab File: VL040728.D
Acq: 27 Sep 2023 15:27

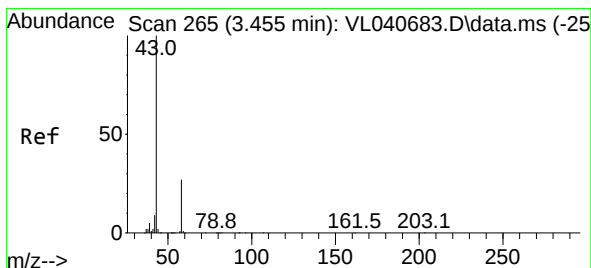
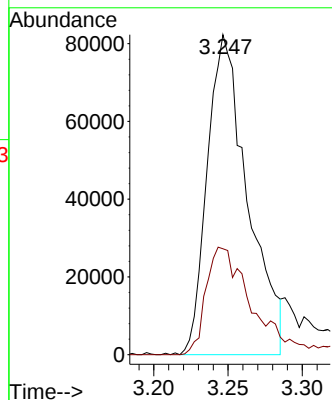
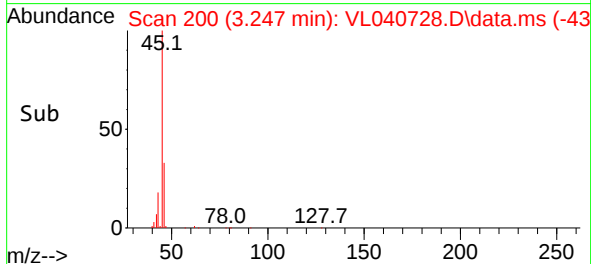
Instrument :
MSVOA_L
ClientSampleId :
SSG1DL2



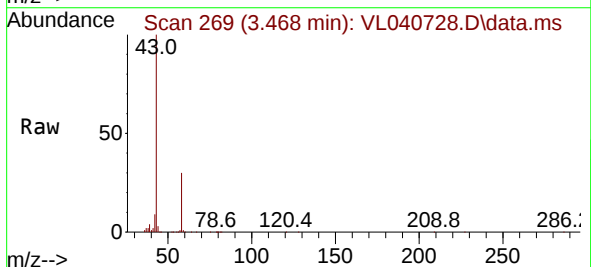
Tgt Ion: 45 Resp: 155739
Ion Ratio Lower Upper
45 100
46 38.4 15.2 61.0

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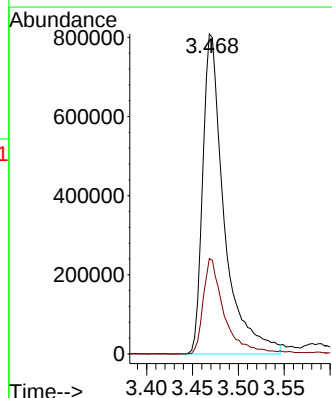
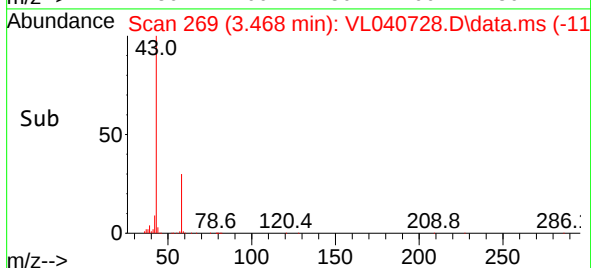
Reviewed By :Semsettin Yesilyurt 09/28/2023
Supervised By :Mahesh Dadoda 09/28/2023

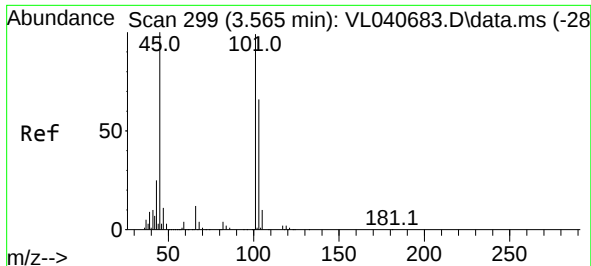


#15
Acetone
Concen: 7.583 ppbv
RT: 3.468 min Scan# 269
Delta R.T. -0.003 min
Lab File: VL040728.D
Acq: 27 Sep 2023 15:27



Tgt Ion: 43 Resp: 1315260
Ion Ratio Lower Upper
43 100
58 29.7 22.6 34.0





#19

Isopropyl Alcohol

Concen: 1.355 ppbv

RT: 3.584 min Scan# 305

Delta R.T. 0.006 min

Lab File: VL040728.D

Acq: 27 Sep 2023 15:27

Instrument :

MSVOA_L

ClientSampleId :

SSG1DL2

Tgt Ion: 45 Resp: 141662

Ion Ratio Lower Upper

45 100

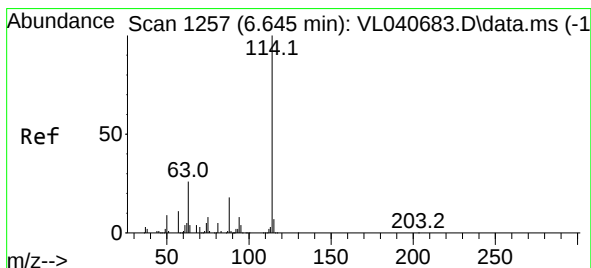
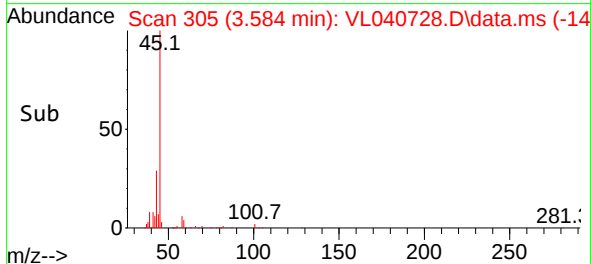
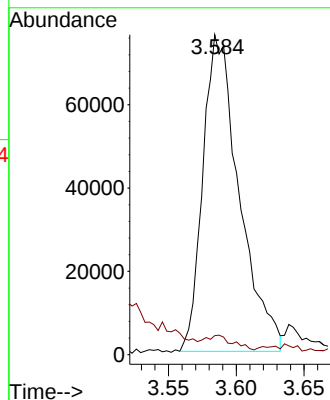
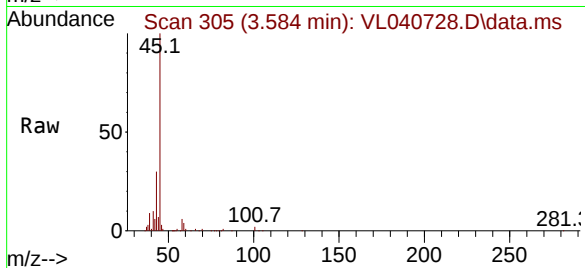
58 0.0 1.9 2.9

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Supervised By :Mahesh Dadoda 09/28/2023



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.639 min Scan# 1255

Delta R.T. -0.022 min

Lab File: VL040728.D

Acq: 27 Sep 2023 15:27

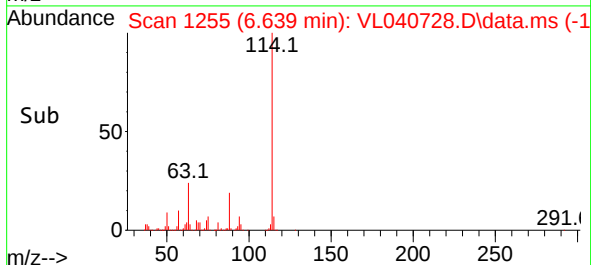
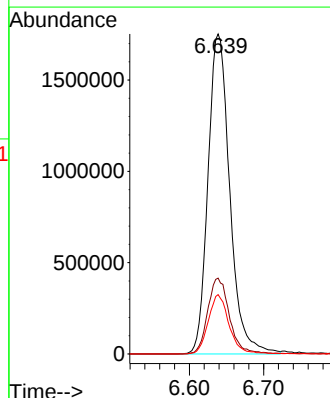
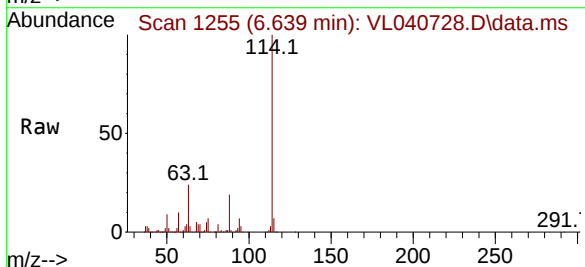
Tgt Ion:114 Resp: 3566814

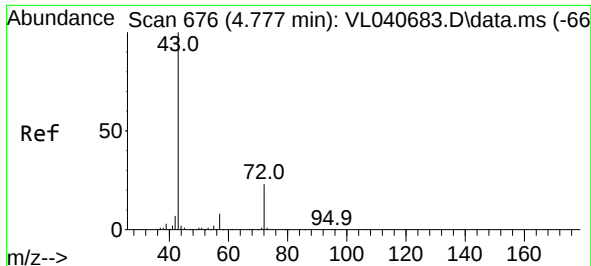
Ion Ratio Lower Upper

114 100

63 23.9 21.1 31.7

88 17.8 14.5 21.7





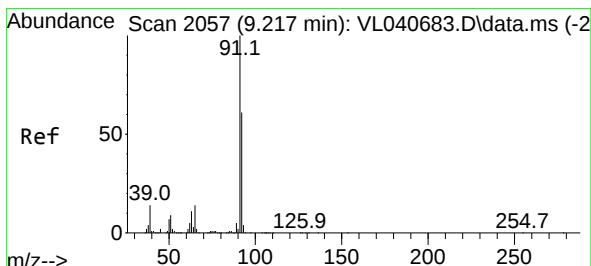
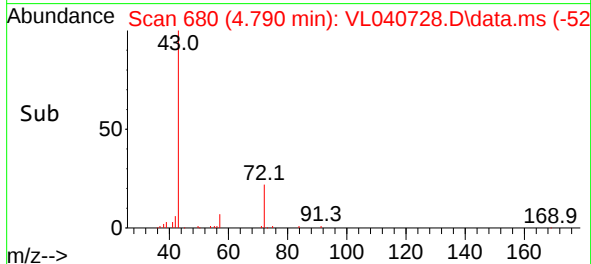
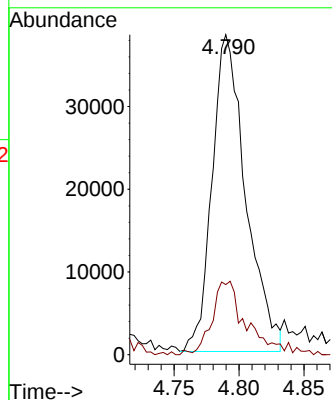
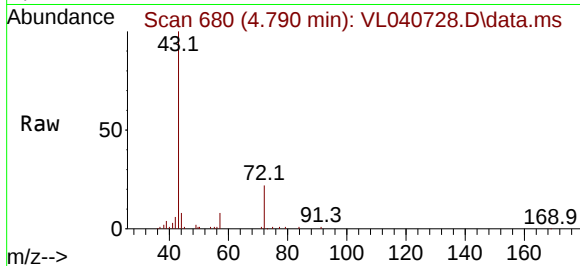
#34
2-Butanone
Concen: 0.385 ppbv
RT: 4.790 min Scan# 61
Delta R.T. 0.000 min
Lab File: VL040728.D
Acq: 27 Sep 2023 15:27

Instrument :
MSVOA_L
ClientSampleId :
SSG1DL2

Tgt Ion: 43 Resp: 6906
Ion Ratio Lower Upper
43 100
72 24.3 18.6 27.8

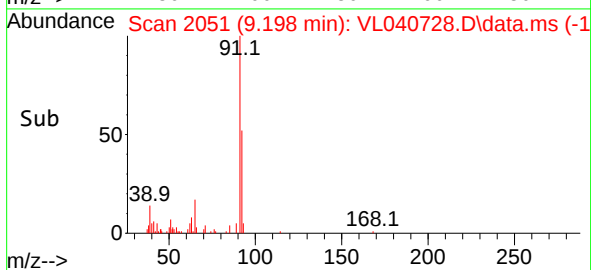
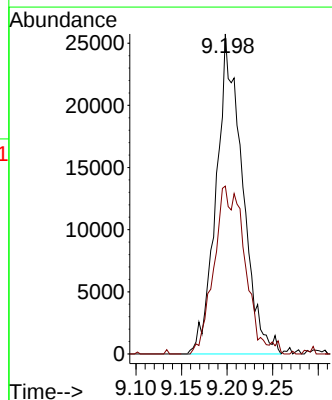
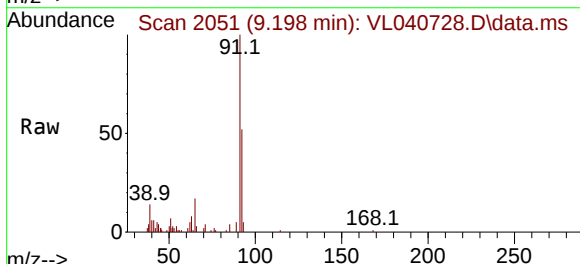
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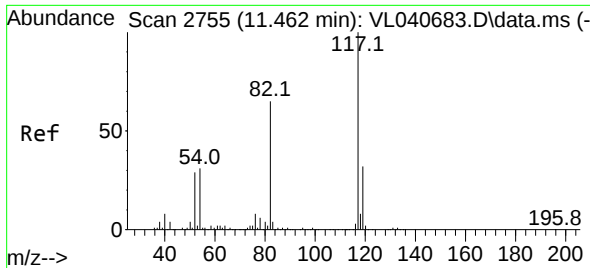
Reviewed By :Semsettin Yesilyurt 09/28/2023
Supervised By :Mahesh Dadoda 09/28/2023



#53
Toluene
Concen: 0.184 ppbv m
RT: 9.198 min Scan# 2051
Delta R.T. -0.032 min
Lab File: VL040728.D
Acq: 27 Sep 2023 15:27

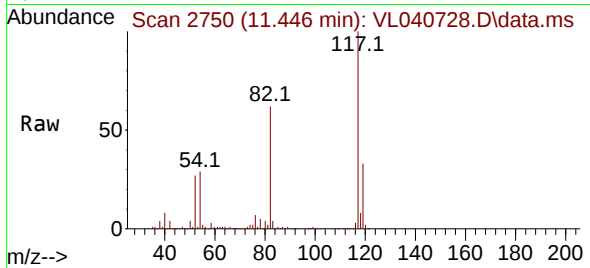
Tgt Ion: 91 Resp: 51175
Ion Ratio Lower Upper
91 100
92 62.6 48.5 72.7





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.446 min Scan# 21
Delta R.T. -0.032 min
Lab File: VL040728.D
Acq: 27 Sep 2023 15:27

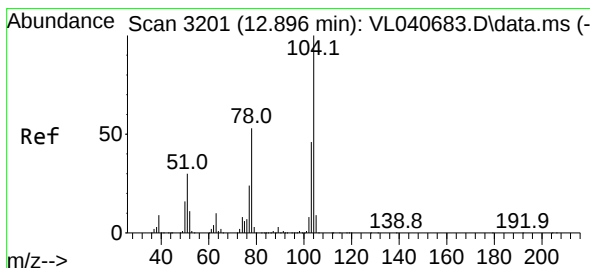
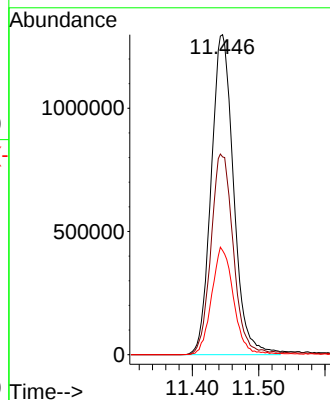
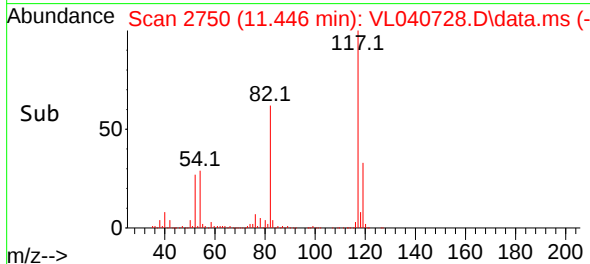
Instrument :
MSVOA_L
ClientSampleId :
SSG1DL2



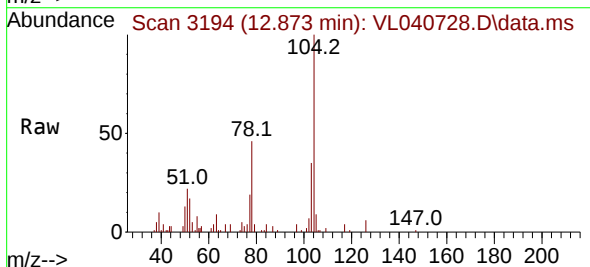
Tgt Ion:117 Resp: 305487
Ion Ratio Lower Upper
117 100
82 64.3 51.4 77.0
119 33.0 24.7 37.1

Manual Integrations
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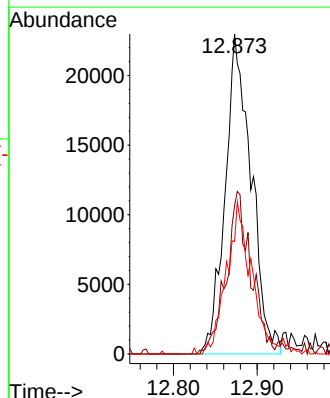
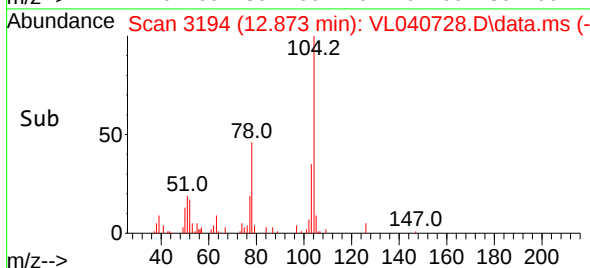
Reviewed By :Semsettin Yesilyurt 09/28/2023
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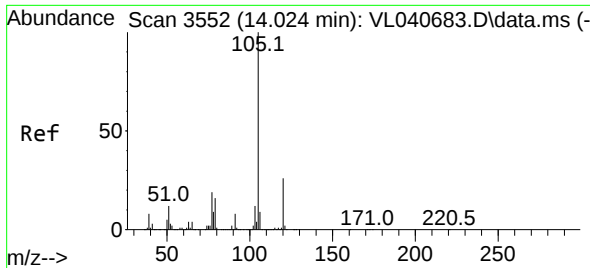


#61
Styrene
Concen: 0.380 ppbv m
RT: 12.873 min Scan# 3194
Delta R.T. -0.032 min
Lab File: VL040728.D
Acq: 27 Sep 2023 15:27



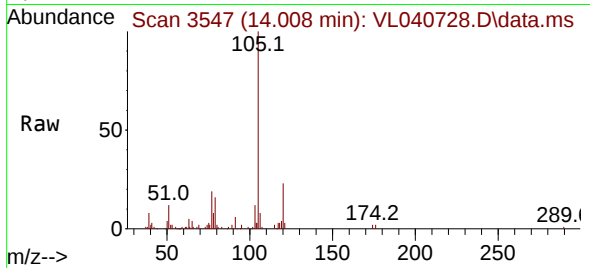
Tgt Ion:104 Resp: 49726
Ion Ratio Lower Upper
104 100
78 50.2 43.4 65.0
103 46.9 37.2 55.8





#62
Isopropylbenzene
Concen: 0.341 ppbv m
RT: 14.008 min Scan# 31
Delta R.T. -0.029 min
Lab File: VL040728.D
Acq: 27 Sep 2023 15:27

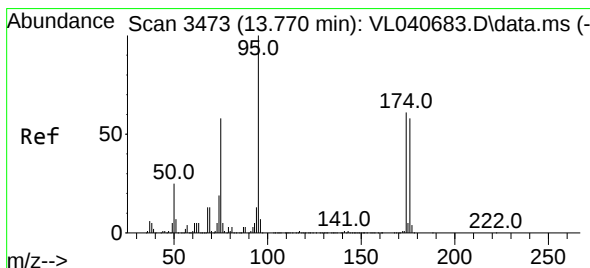
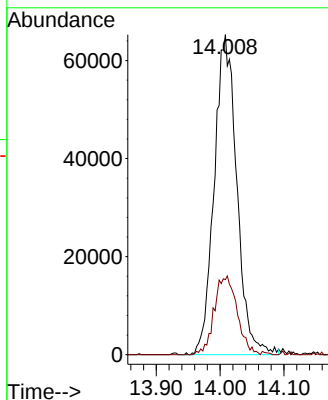
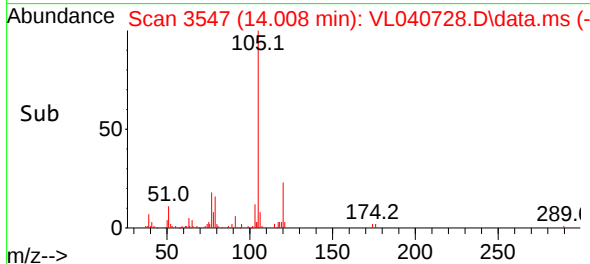
Instrument :
MSVOA_L
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SSG1DL2



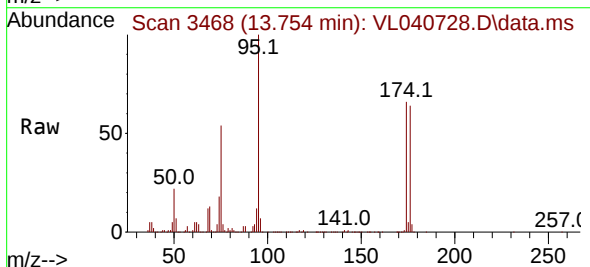
Tgt Ion:105 Resp: 160740
Ion Ratio Lower Upper
105 100
120 0.0 20.2 30.4

Manual Integrations
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Supervised By :Mahesh Dadoda 09/28/2023



#68
1-Bromo-4-Fluorobenzene
Concen: 9.389 ppbv
RT: 13.754 min Scan# 3468
Delta R.T. -0.032 min
Lab File: VL040728.D
Acq: 27 Sep 2023 15:27



Tgt Ion: 95 Resp: 2215984
Ion Ratio Lower Upper
95 100
174 68.2 48.9 73.3
175 5.1 3.5 5.3

