

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111423\
 Data File : VL040862.D
 Acq On : 14 Nov 2023 22:29
 Operator : SY/MD
 Sample : 05275-06DL 2X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 NT-IA-6DL

Quant Time: Nov 16 04:53:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111323AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 11 2023
 QLast Update : Mon Nov 13 15:42:46 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 11/17/2023
 Supervised By :Semsettin Yesilyurt 11/17/2023

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

Internal Standards						
1) Bromochloromethane	5.189	49	986516	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	6.639	114	2611987	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.436	117	2419715	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.744	95	1786996	9.433	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	94.300%
Target Compounds						
					Qvalue	
15) Acetone	3.484	43	460617	4.384	ppbv	91
20) Methylene Chloride	3.941	84	146964	3.389	ppbv	97
26) Hexane	5.211	57	851366	8.842	ppbv #	40
36) Benzene	6.356	78	61273	0.289	ppbv	97
38) Trichloroethene	7.275	130	9946m	0.121	ppbv	
53) Toluene	9.195	91	134138	0.575	ppbv	96
58) Ethyl Benzene	12.063	91	30162m	0.096	ppbv	
59) m/p-Xylene	12.314	91	73377m	0.273	ppbv	
60) o-Xylene	13.027	91	27771m	0.109	ppbv	

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

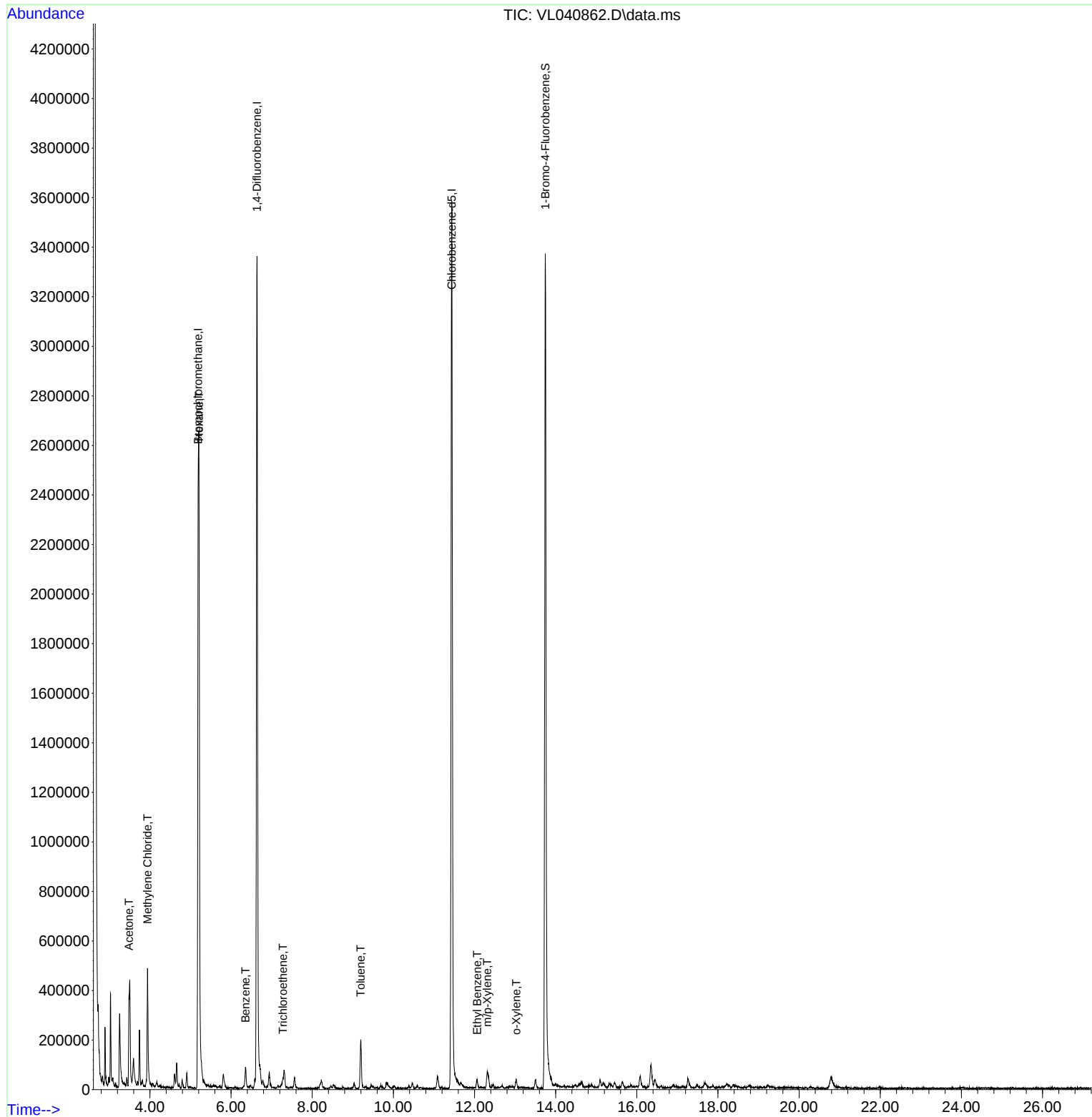
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111423\
Data File : VL040862.D
Acq On : 14 Nov 2023 22:29
Operator : SY/MD
Sample : 05275-06DL 2X
Misc : 400mL/MSVOA_L
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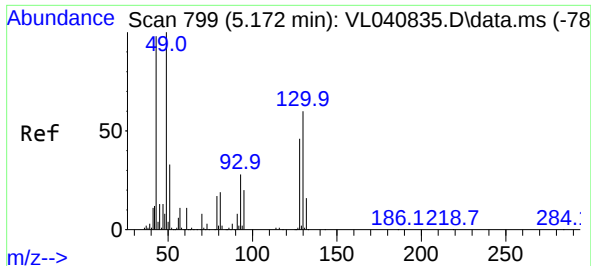
Instrument :
MSVOA_L
ClientSampleId :
NT-IA-6DL

Quant Time: Nov 16 04:53:01 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111323AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Mon Nov 13 15:42:46 2023
Response via : Initial Calibration

Manual Integrations
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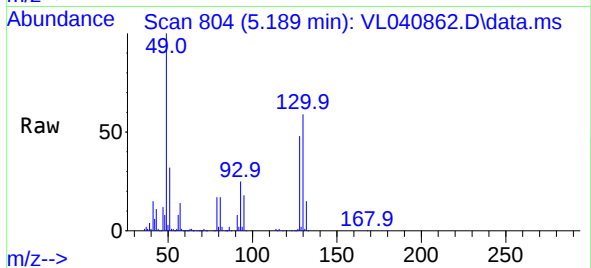
Reviewed By : Mahesh Dadoda 11/17/2023
Supervised By : Semsettin Yesilyurt 11/17/2023





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.189 min Scan# 804
Delta R.T. 0.017 min
Lab File: VL040862.D
Acq: 14 Nov 2023 22:29

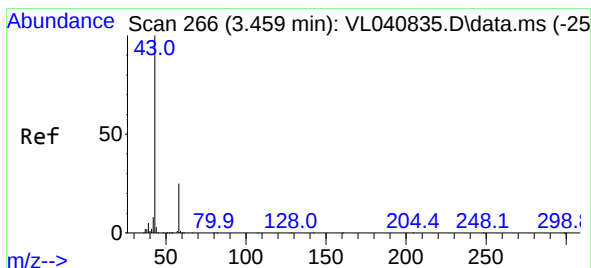
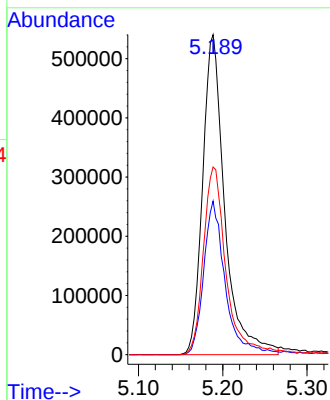
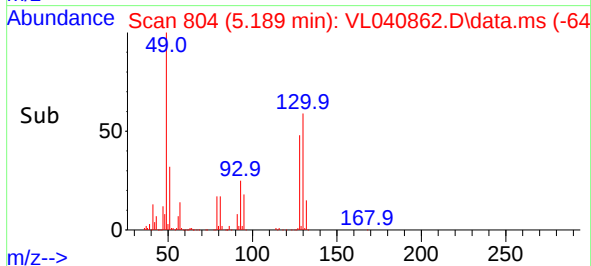
Instrument :
MSVOA_L
ClientSampleId :
NT-IA-6DL



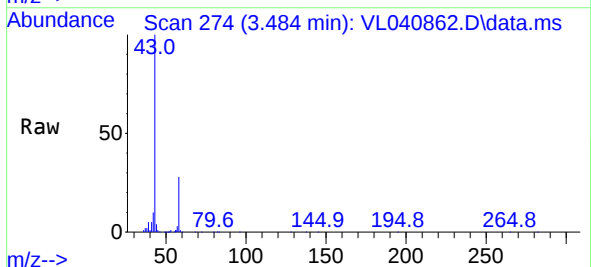
Tgt Ion: 49 Resp: 986510
Ion Ratio Lower Upper
49 100
128 48.2 23.8 71.2
130 60.9 30.9 92.8

Manual Integrations
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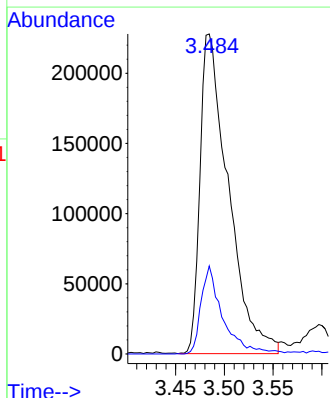
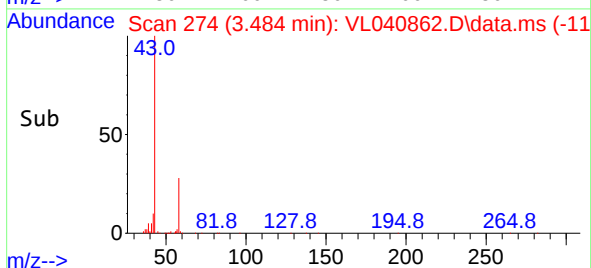
Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023

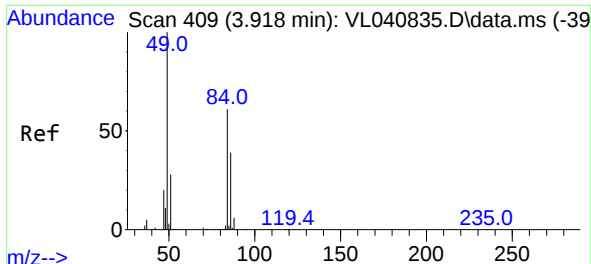


#15
Acetone
Concen: 4.384 ppbv
RT: 3.484 min Scan# 274
Delta R.T. 0.026 min
Lab File: VL040862.D
Acq: 14 Nov 2023 22:29



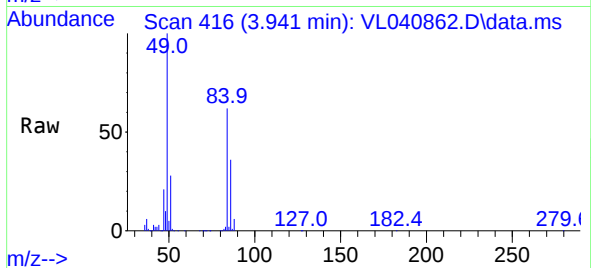
Tgt Ion: 43 Resp: 460617
Ion Ratio Lower Upper
43 100
58 21.6 20.9 31.3





#20
Methylene Chloride
Concen: 3.389 ppbv
RT: 3.941 min Scan# 416
Delta R.T. 0.023 min
Lab File: VL040862.D
Acq: 14 Nov 2023 22:29

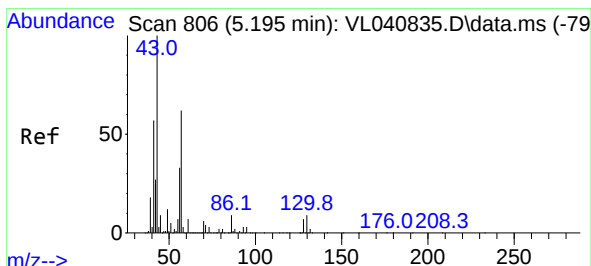
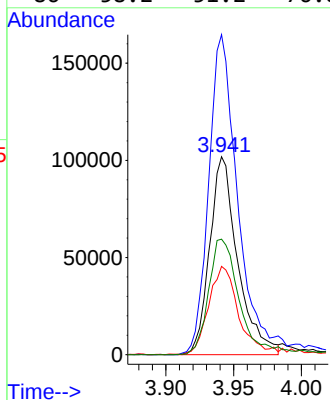
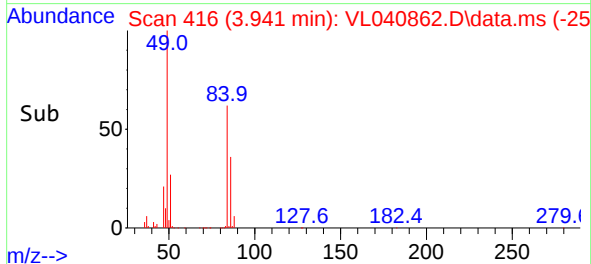
Instrument :
MSVOA_L
ClientSampleId :
NT-IA-6DL



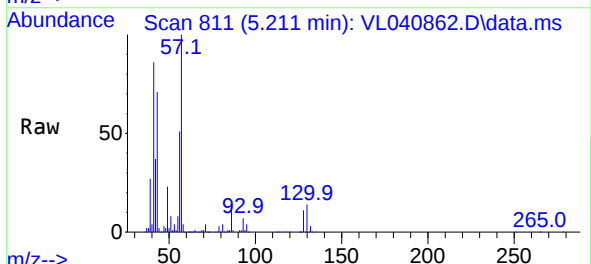
Tgt Ion: 84 Resp: 146964
Ion Ratio Lower Upper
84 100
49 161.5 131.0 196.4
51 44.4 36.9 55.3
86 58.2 51.2 76.8

Manual Integrations
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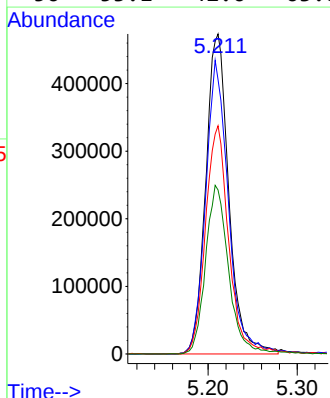
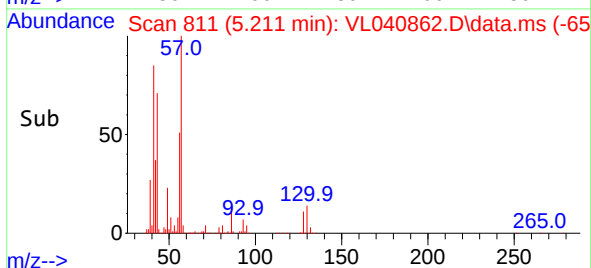
Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023

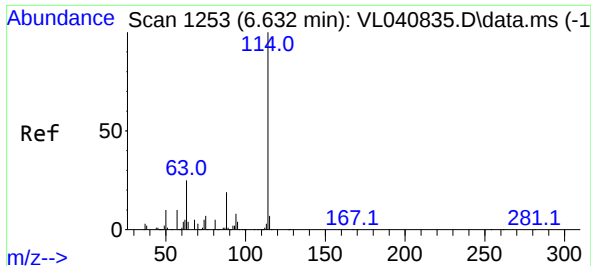


#26
Hexane
Concen: 8.842 ppbv
RT: 5.211 min Scan# 811
Delta R.T. 0.016 min
Lab File: VL040862.D
Acq: 14 Nov 2023 22:29



Tgt Ion: 57 Resp: 851366
Ion Ratio Lower Upper
57 100
41 90.9 75.4 113.0
43 72.4 185.9 278.9#
56 53.1 42.6 63.8





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.639 min Scan# 11

Delta R.T. 0.006 min

Lab File: VL040862.D

Acq: 14 Nov 2023 22:29

Instrument :

MSVOA_L

ClientSampleId :

NT-IA-6DL

Tgt Ion:114 Resp: 261198

Ion Ratio Lower Upper

114 100

63 24.7 20.9 31.3

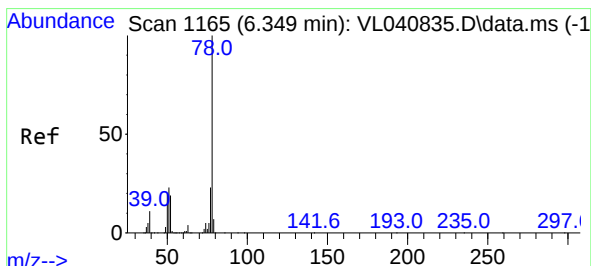
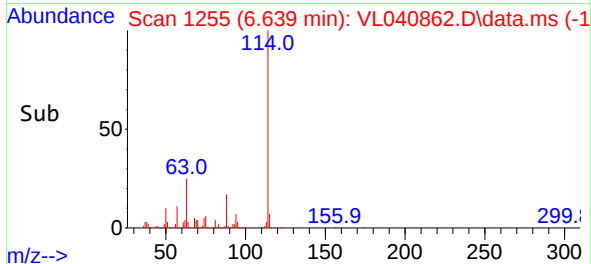
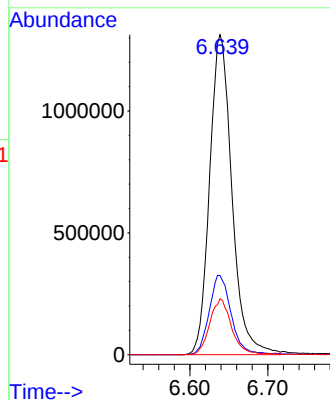
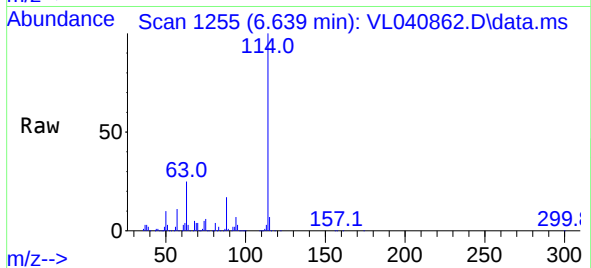
88 17.2 14.3 21.5

Manual Integrations

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Reviewed By :Mahesh Dadoda 11/17/2023

Supervised By :Semsettin Yesilyurt 11/17/2023



#36

Benzene

Concen: 0.289 ppbv

RT: 6.356 min Scan# 1167

Delta R.T. 0.006 min

Lab File: VL040862.D

Acq: 14 Nov 2023 22:29

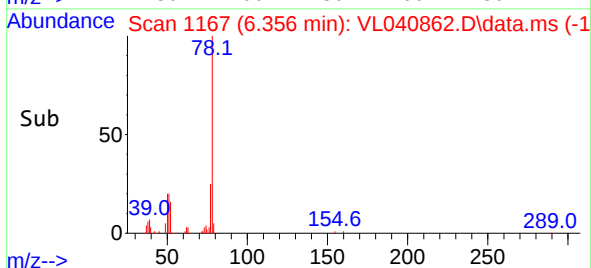
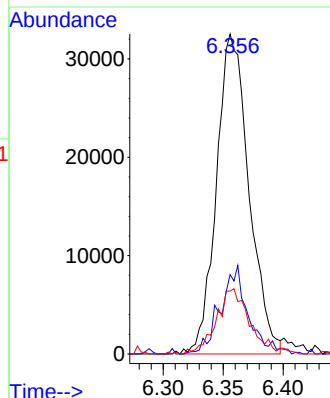
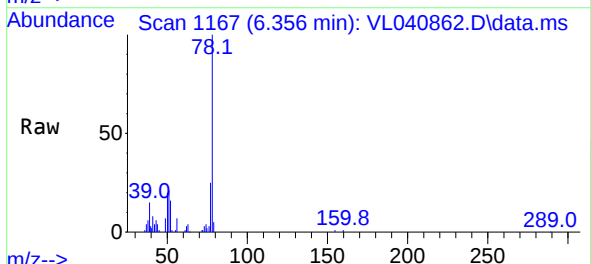
Tgt Ion: 78 Resp: 61273

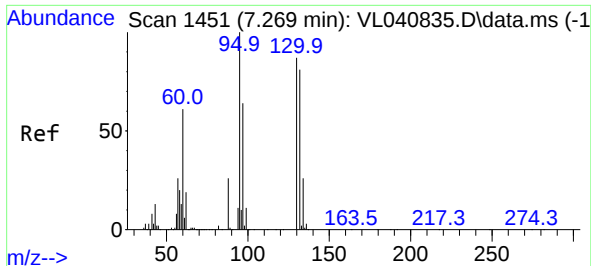
Ion Ratio Lower Upper

78 100

77 24.8 18.4 27.6

50 19.7 16.2 24.2





#38

Trichloroethene

Concen: 0.121 ppbv

RT: 7.275 min Scan# 1451

Delta R.T. 0.006 min

Lab File: VL040862.D

Acq: 14 Nov 2023 22:29

Instrument :

MSVOA_L

ClientSampleId :

NT-IA-6DL

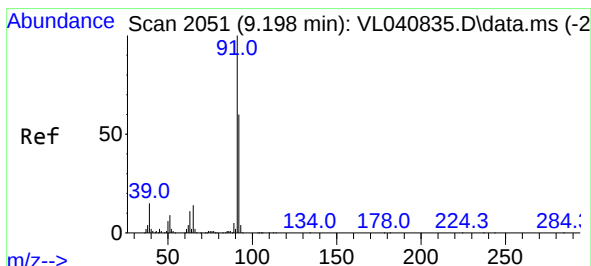
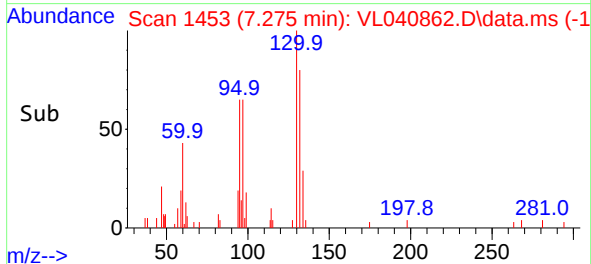
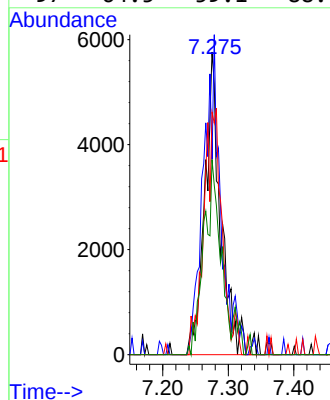
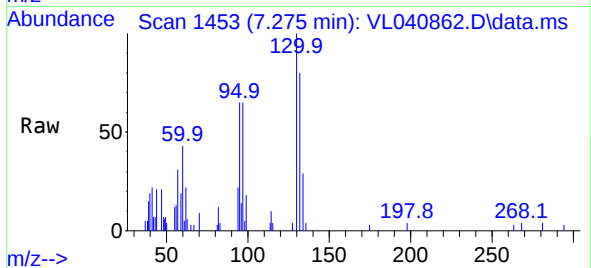
Tgt Ion:130 Resp: 9940

Ion	Ratio	Lower	Upper
130	100		
95	64.5	92.4	138.6
132	80.1	75.1	112.7
97	64.5	59.1	88.7

Manual Integrations

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Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023



#53

Toluene

Concen: 0.575 ppbv

RT: 9.195 min Scan# 2050

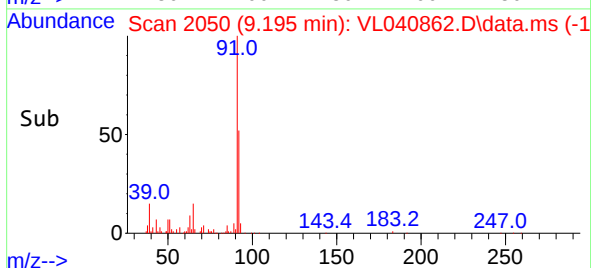
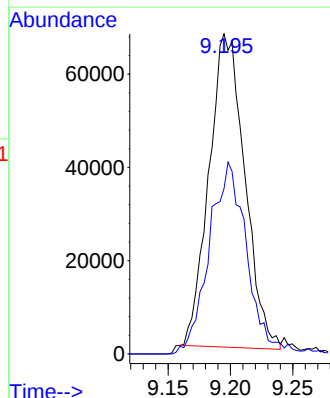
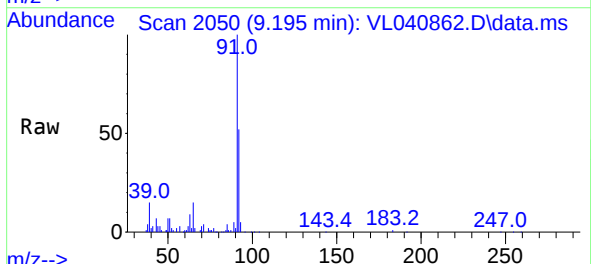
Delta R.T. -0.003 min

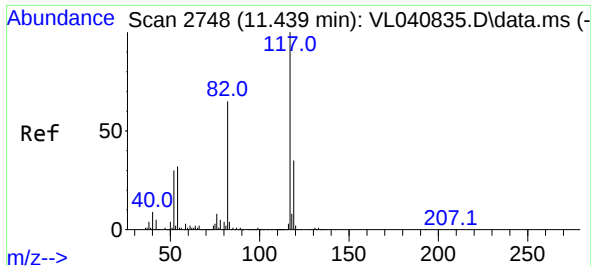
Lab File: VL040862.D

Acq: 14 Nov 2023 22:29

Tgt Ion: 91 Resp: 134138

Ion	Ratio	Lower	Upper
91	100		
92	64.9	49.4	74.2





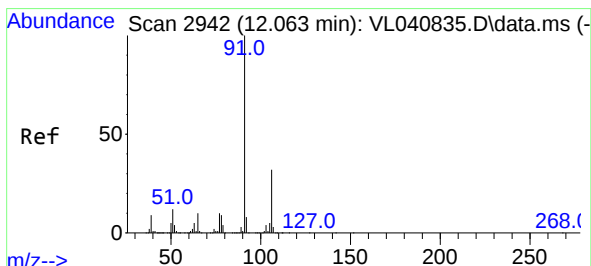
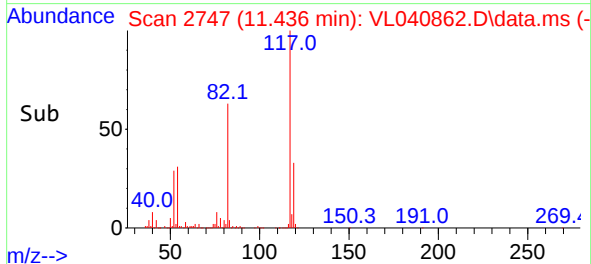
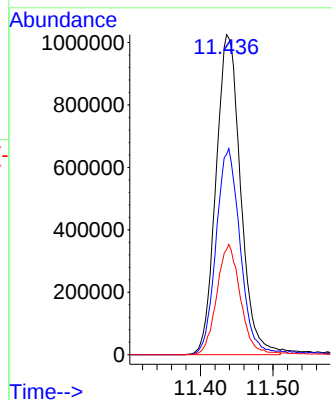
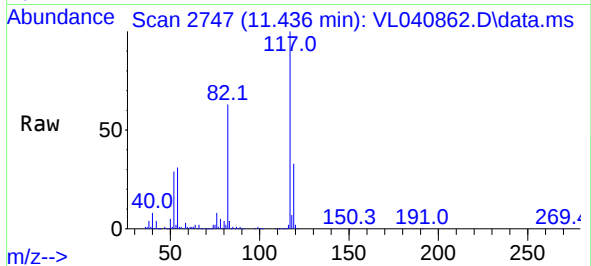
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.436 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL040862.D
Acq: 14 Nov 2023 22:29

Instrument :
MSVOA_L
ClientSampleId :
NT-IA-6DL

Tgt Ion:117 Resp: 241971
Ion Ratio Lower Upper
117 100
82 64.5 50.6 75.8
119 33.6 23.3 34.9

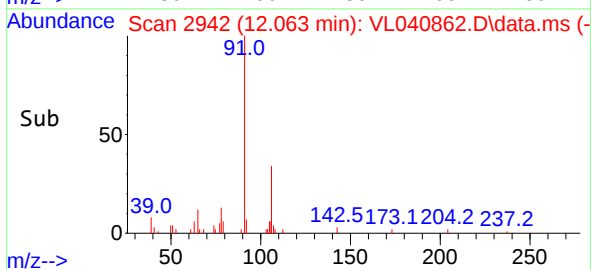
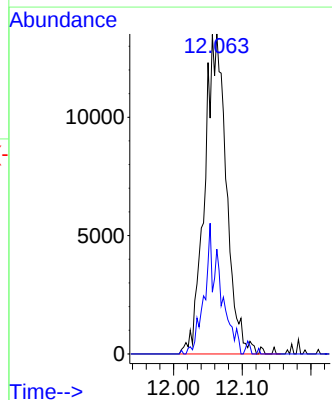
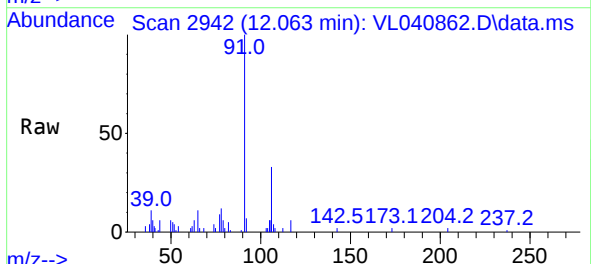
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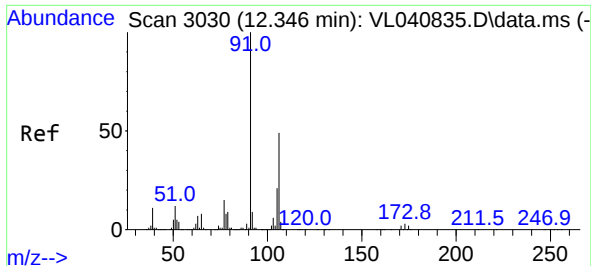
Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023



#58
Ethyl Benzene
Concen: 0.096 ppbv m
RT: 12.063 min Scan# 2942
Delta R.T. 0.000 min
Lab File: VL040862.D
Acq: 14 Nov 2023 22:29

Tgt Ion: 91 Resp: 30162
Ion Ratio Lower Upper
91 100
106 32.7 25.2 37.8





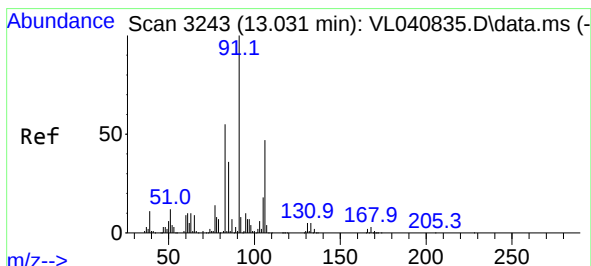
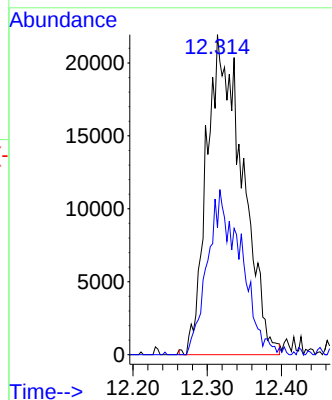
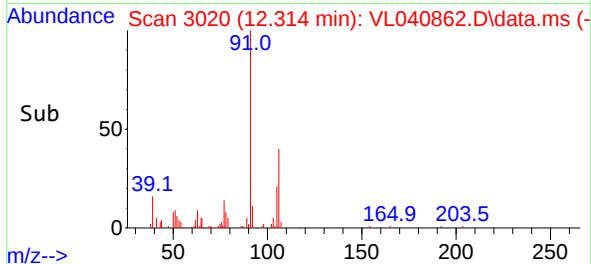
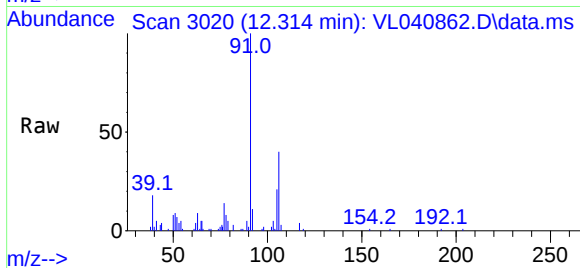
#59
m/p-Xylene
Concen: 0.273 ppbv m
RT: 12.314 min Scan# 3030
Delta R.T. -0.032 min
Lab File: VL040862.D
Acq: 14 Nov 2023 22:29

Instrument :
MSVOA_L
ClientSampleId :
NT-IA-6DL

Tgt Ion: 91 Resp: 7337
Ion Ratio Lower Upper
91 100
106 0.0 35.4 53.0

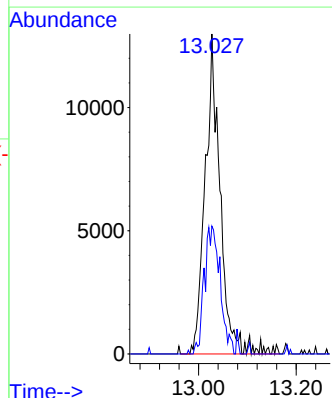
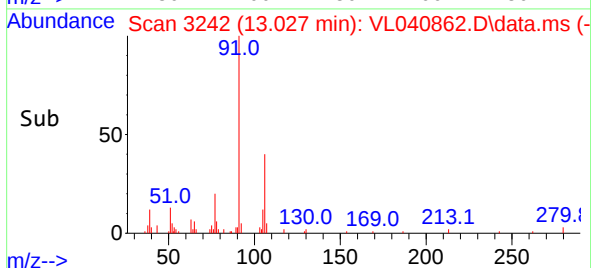
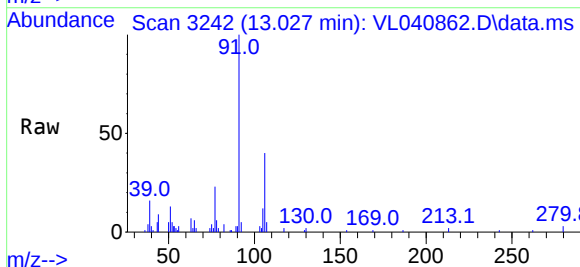
Manual Integrations
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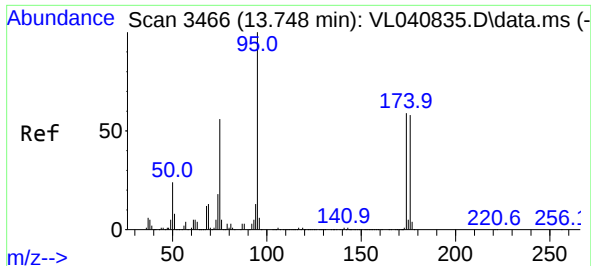
Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023



#60
o-Xylene
Concen: 0.109 ppbv m
RT: 13.027 min Scan# 3242
Delta R.T. -0.003 min
Lab File: VL040862.D
Acq: 14 Nov 2023 22:29

Tgt Ion: 91 Resp: 27771
Ion Ratio Lower Upper
91 100
106 43.3 22.9 68.5





#68

1-Bromo-4-Fluorobenzene

Concen: 9.433 ppbv

RT: 13.744 min Scan# 34

Delta R.T. -0.003 min

Lab File: VL040862.D

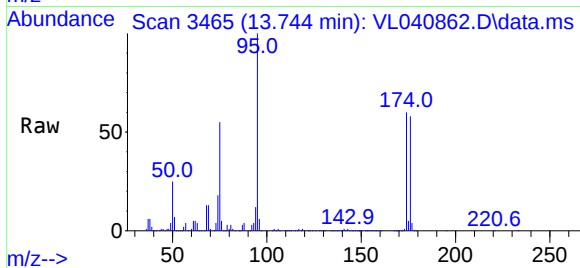
Acq: 14 Nov 2023 22:29

Instrument :

MSVOA_L

ClientSampleId :

NT-IA-6DL



Tgt Ion: 95 Resp: 1786990

Ion Ratio Lower Upper

95 100

174 62.9 47.5 71.3

175 4.7 3.6 5.4

Manual Integrations

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