

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121922\
 Data File : VL040033.D
 Acq On : 19 Dec 2022 18:12
 Operator : SY/MD
 Sample : N6059-02DL 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 12/20/2022
 Supervised By :Mahesh Dadoda 12/20/2022

Quant Time: Dec 20 05:14:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121922AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug :
 QLast Update : Tue Dec 20 04:50:21 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.169	49	1093073	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.629	114	3012313	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.449	117	2602650	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.757	95	1966174	9.890	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.900%
Target Compounds						
					Qvalue	
9) Propene	2.681	41	38983m	0.570	ppbv	
13) Ethanol	3.218	45	251871m	39.101	ppbv	
15) Acetone	3.452	43	398117	2.354	ppbv	97
19) Isopropyl Alcohol	3.568	45	79380	0.953	ppbv #	91
20) Methylene Chloride	3.912	84	95659	1.331	ppbv	88
26) Hexane	5.189	57	77947	0.633	ppbv #	49
53) Toluene	9.198	91	81993	0.275	ppbv	100
59) m/p-Xylene	12.320	91	63036m	0.196	ppbv	
74) 1,2,4-Trimethylbenzene	16.092	105	60538m	0.178	ppbv	

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

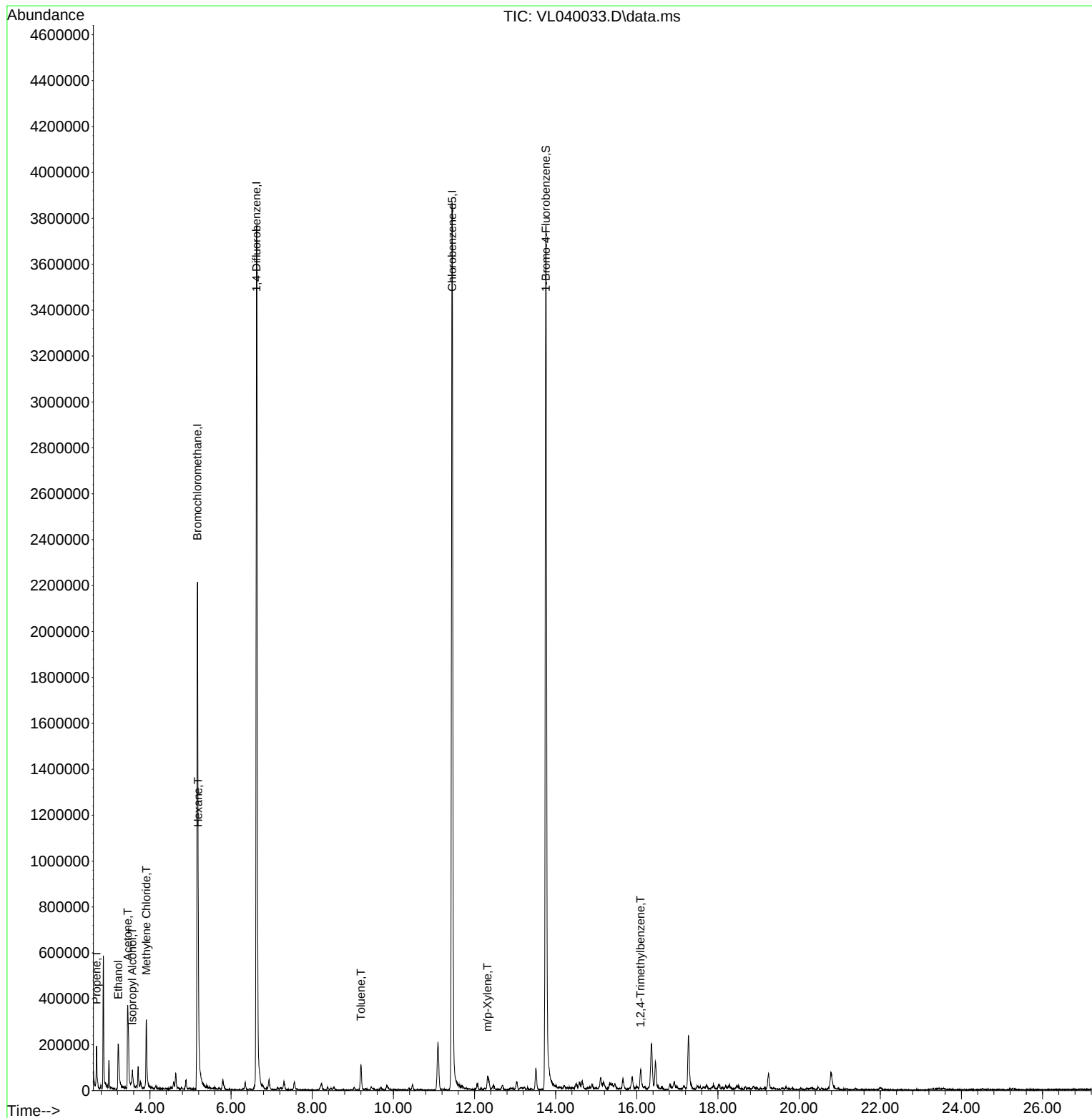
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121922\
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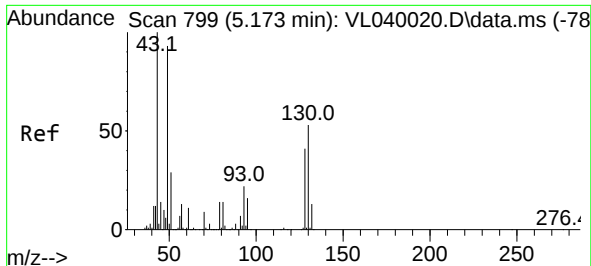
Instrument :
MSVOA_L
ClientSampleId :
IA1DL

Quant Time: Dec 20 05:14:20 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121922AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Tue Dec 20 04:50:21 2022
Response via : Initial Calibration

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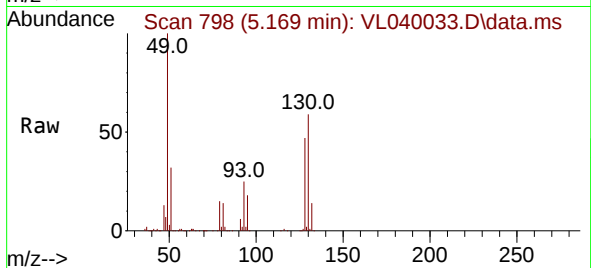
Reviewed By : Semsettin Yesilyurt 12/20/2022
Supervised By : Mahesh Dadoda 12/20/2022





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.169 min Scan# 799
Delta R.T. -0.004 min
Lab File: VL040033.D
Acq: 19 Dec 2022 18:12

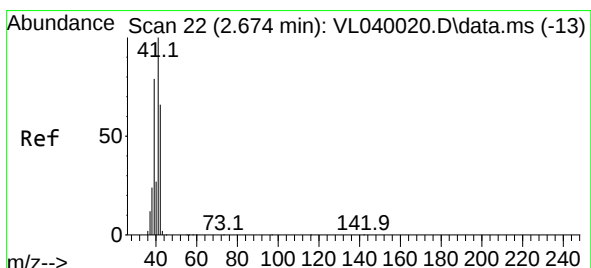
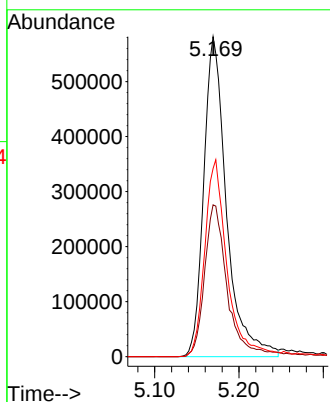
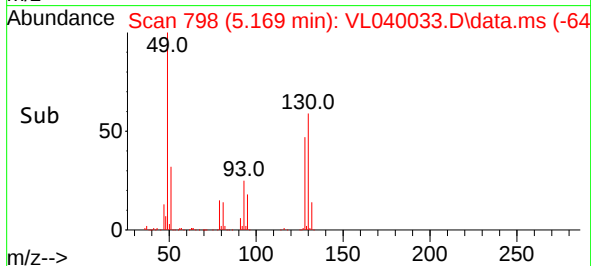
Instrument :
MSVOA_L
ClientSampleId :
IA1DL



Tgt Ion: 49 Resp: 109307
Ion Ratio Lower Upper
49 100
128 48.7 22.4 67.3
130 61.9 28.9 86.8

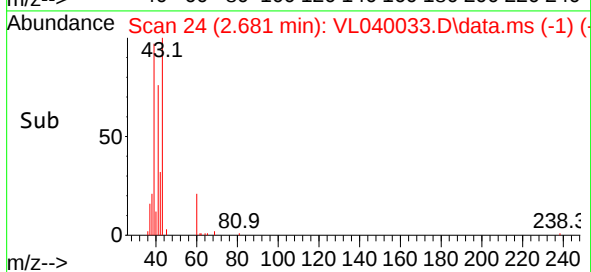
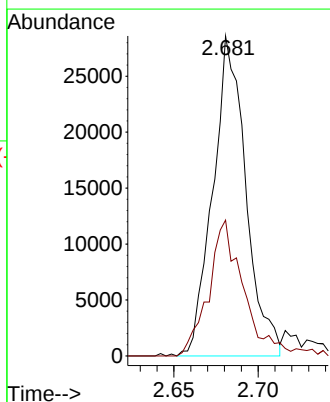
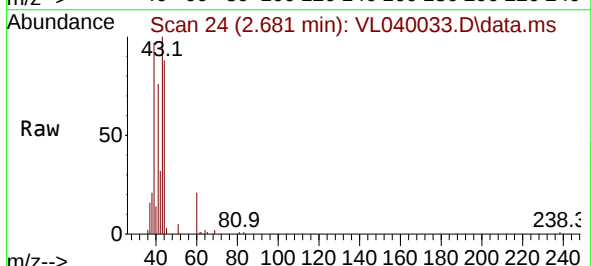
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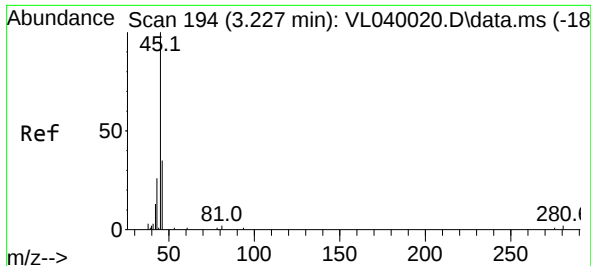
Reviewed By :Semsettin Yesilyurt 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#9
Propene
Concen: 0.570 ppbv m
RT: 2.681 min Scan# 24
Delta R.T. 0.006 min
Lab File: VL040033.D
Acq: 19 Dec 2022 18:12

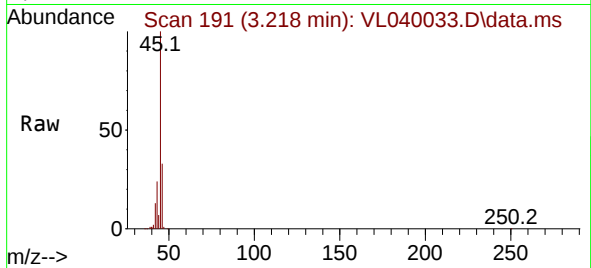
Tgt Ion: 41 Resp: 38983
Ion Ratio Lower Upper
41 100
42 271.4 54.8 82.2#





#13
Ethanol
Concen: 39.101 ppbv m
RT: 3.218 min Scan# 194
Delta R.T. -0.010 min
Lab File: VL040033.D
Acq: 19 Dec 2022 18:12

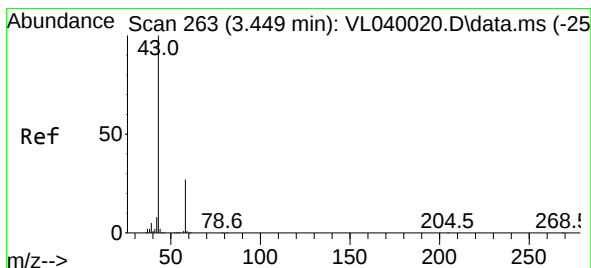
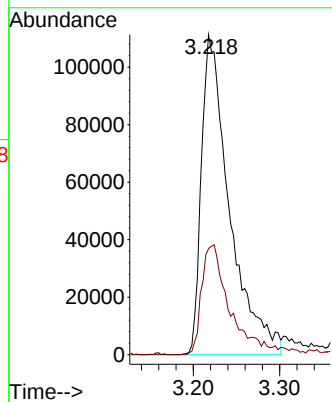
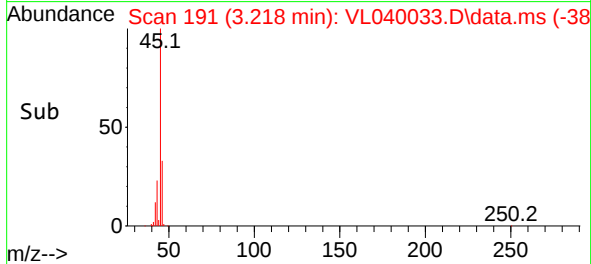
Instrument :
MSVOA_L
ClientSampleId :
IA1DL



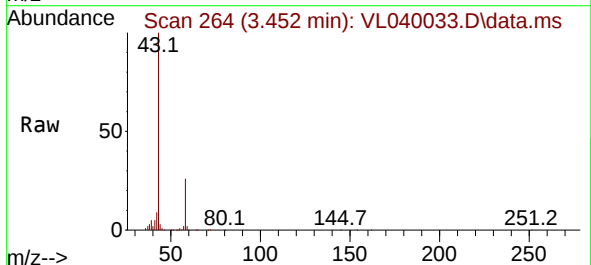
Tgt Ion: 45 Resp: 25187
Ion Ratio Lower Upper
45 100
46 35.2 13.7 54.7

Manual Integrations
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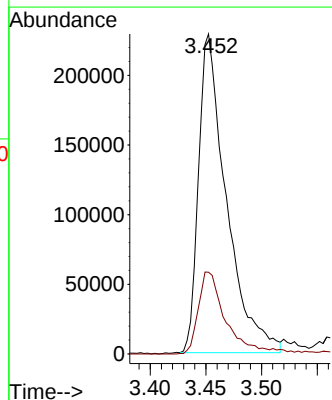
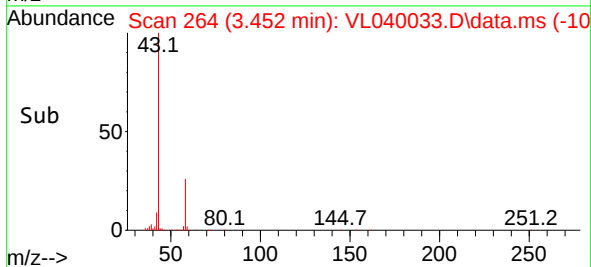
Reviewed By :Semsettin Yesilyurt 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022

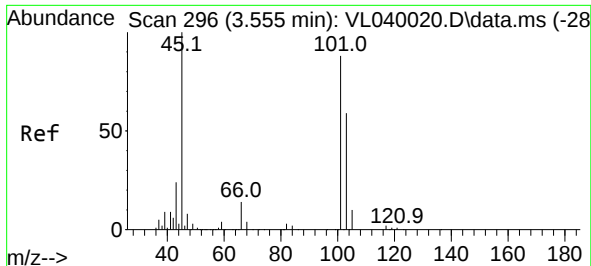


#15
Acetone
Concen: 2.354 ppbv
RT: 3.452 min Scan# 264
Delta R.T. 0.003 min
Lab File: VL040033.D
Acq: 19 Dec 2022 18:12



Tgt Ion: 43 Resp: 398117
Ion Ratio Lower Upper
43 100
58 25.7 21.8 32.8





#19

Isopropyl Alcohol

Concen: 0.953 ppbv

RT: 3.568 min Scan# 300

Delta R.T. 0.013 min

Lab File: VL040033.D

Acq: 19 Dec 2022 18:12

Instrument :

MSVOA_L

ClientSampleId :

IA1DL

Tgt Ion: 45 Resp: 79380

Ion Ratio Lower Upper

45 100

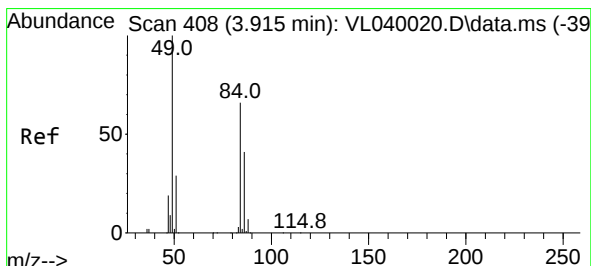
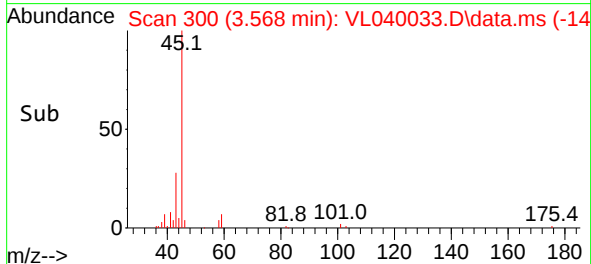
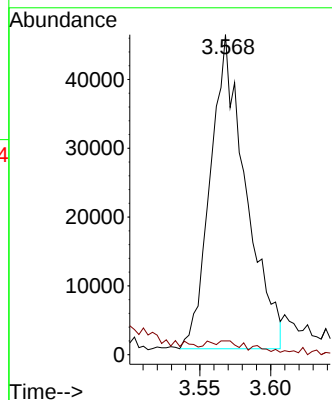
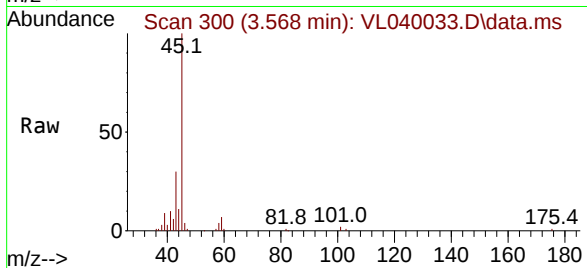
58 5.2 1.7 2.5

Manual Integrations

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Supervised By :Mahesh Dadoda 12/20/2022



#20

Methylene Chloride

Concen: 1.331 ppbv

RT: 3.912 min Scan# 407

Delta R.T. -0.003 min

Lab File: VL040033.D

Acq: 19 Dec 2022 18:12

Tgt Ion: 84 Resp: 95659

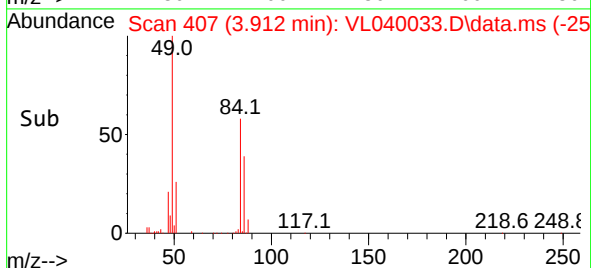
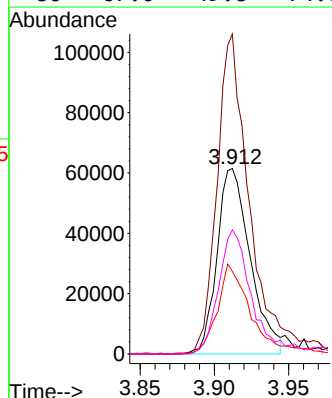
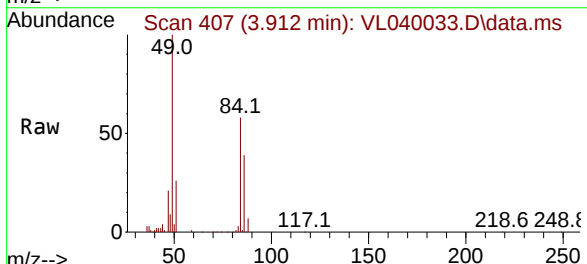
Ion Ratio Lower Upper

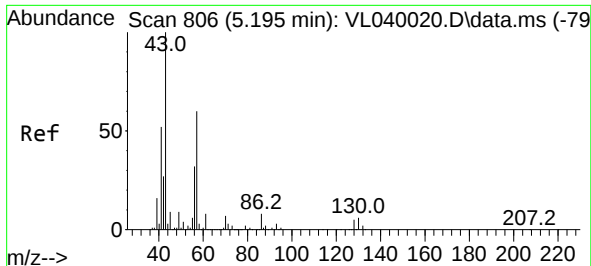
84 100

49 172.6 120.5 180.7

51 44.0 35.2 52.8

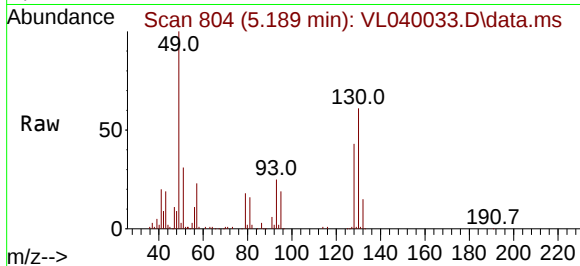
86 67.0 49.8 74.6





#26
Hexane
Concen: 0.633 ppbv
RT: 5.189 min Scan# 806
Delta R.T. -0.006 min
Lab File: VL040033.D
Acq: 19 Dec 2022 18:12

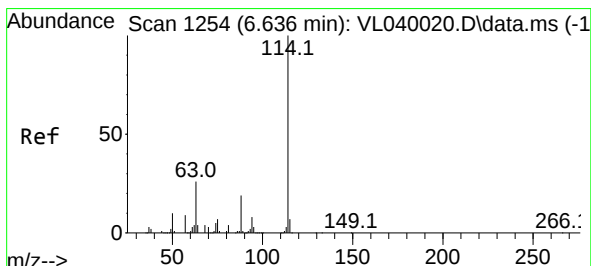
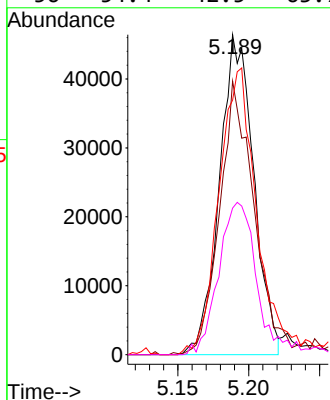
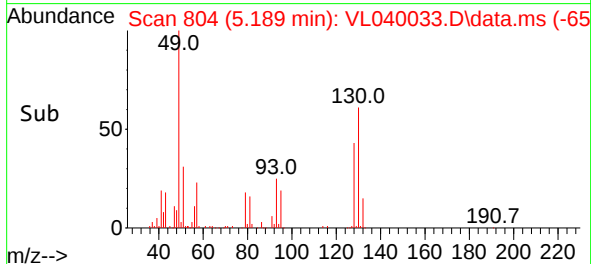
Instrument :
MSVOA_L
ClientSampleId :
IA1DL



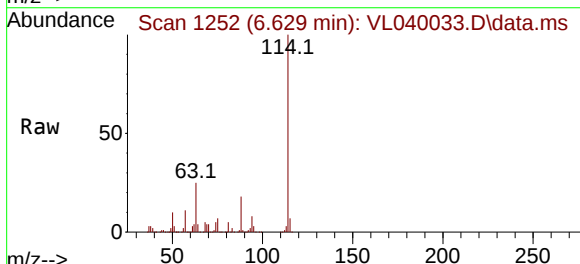
Tgt Ion: 57 Resp: 7794
Ion Ratio Lower Upper
57 100
41 89.0 72.1 108.1
43 103.2 192.1 288.1
56 54.4 42.5 63.7

Manual Integrations
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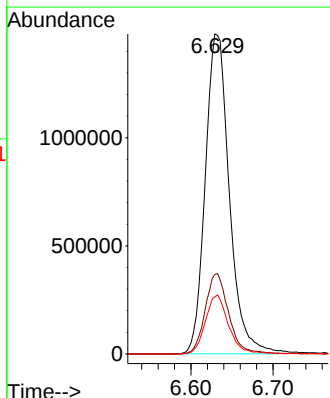
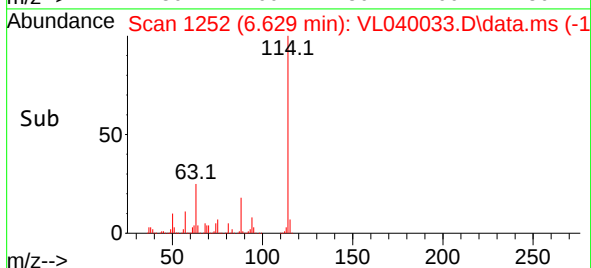
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Supervised By :Mahesh Dadoda 12/20/2022

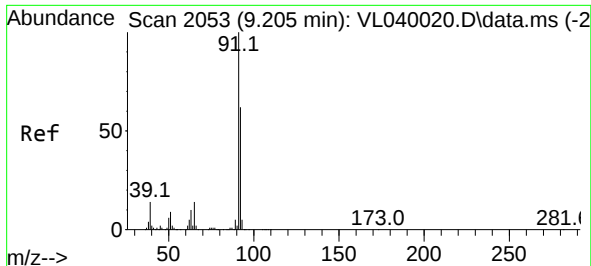


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.629 min Scan# 1252
Delta R.T. -0.006 min
Lab File: VL040033.D
Acq: 19 Dec 2022 18:12



Tgt Ion:114 Resp: 3012313
Ion Ratio Lower Upper
114 100
63 24.7 20.2 30.2
88 17.8 14.6 21.8





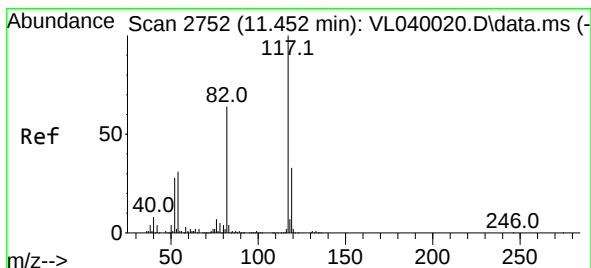
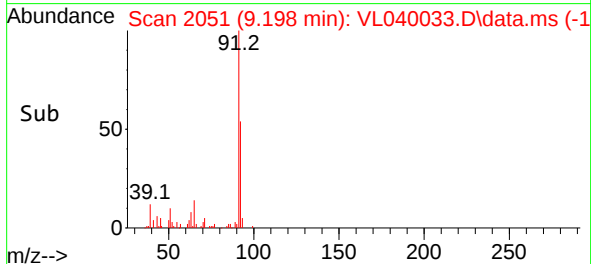
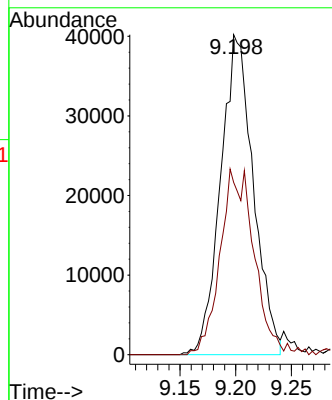
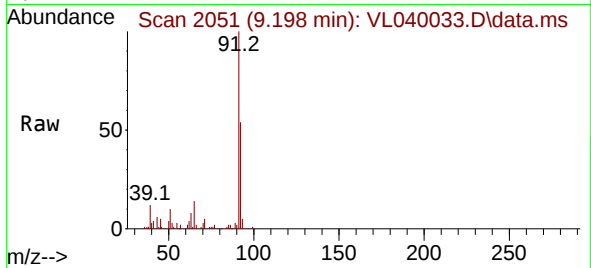
#53
Toluene
Concen: 0.275 ppbv
RT: 9.198 min Scan# 2051
Delta R.T. -0.006 min
Lab File: VL040033.D
Acq: 19 Dec 2022 18:12

Instrument :
MSVOA_L
ClientSampleId :
IA1DL

Tgt Ion: 91 Resp: 8199
Ion Ratio Lower Upper
91 100
92 60.8 48.7 73.1

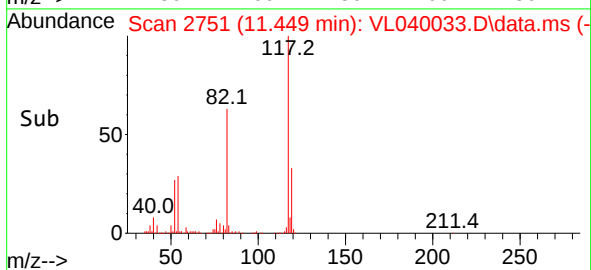
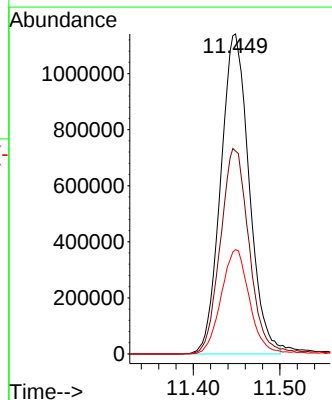
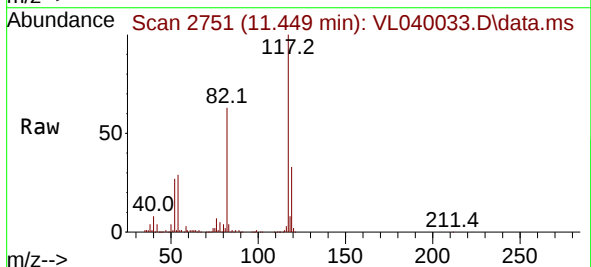
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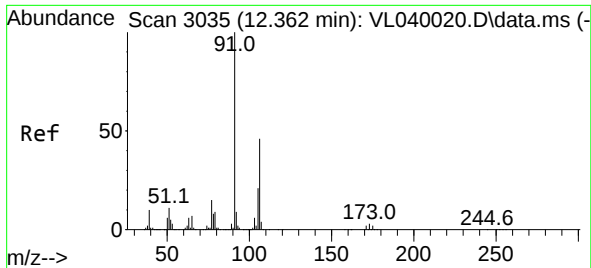
Reviewed By :Semsettin Yesilyurt 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.449 min Scan# 2751
Delta R.T. -0.003 min
Lab File: VL040033.D
Acq: 19 Dec 2022 18:12

Tgt Ion:117 Resp: 2602650
Ion Ratio Lower Upper
117 100
82 66.7 51.2 76.8
119 33.1 23.2 34.8





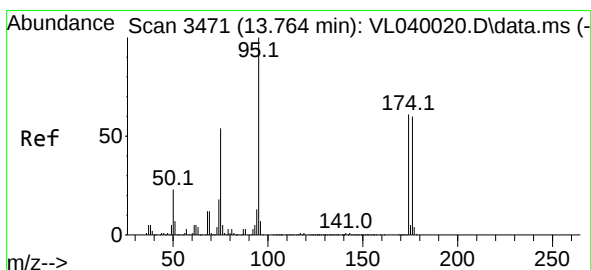
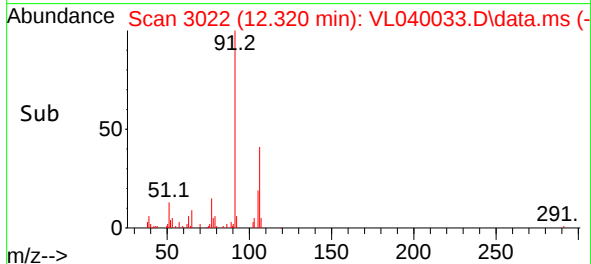
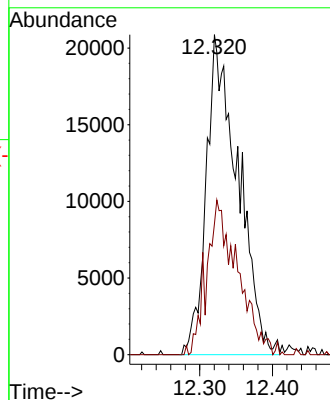
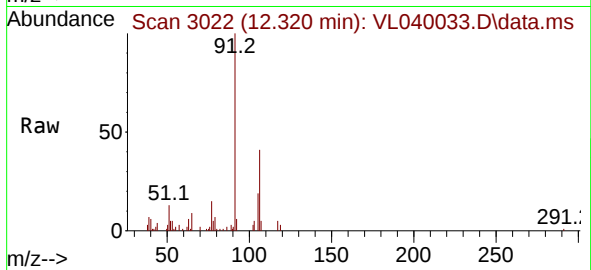
#59
m/p-Xylene
Concen: 0.196 ppbv m
RT: 12.320 min Scan# 3035
Delta R.T. -0.042 min
Lab File: VL040033.D
Acq: 19 Dec 2022 18:12

Instrument :
MSVOA_L
ClientSampleId :
IA1DL

Tgt Ion: 91 Resp: 63030
Ion Ratio Lower Upper
91 100
106 0.0 35.5 53.3

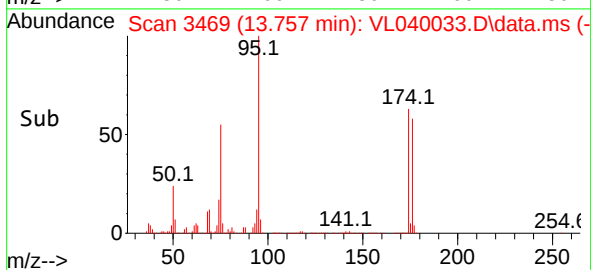
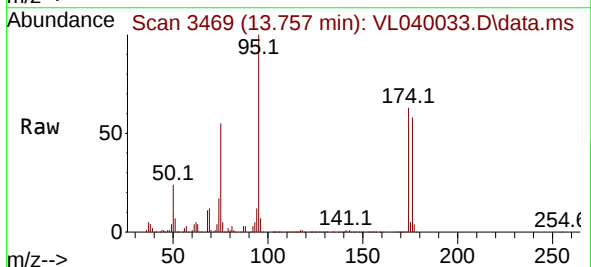
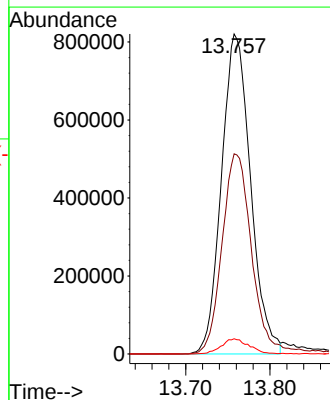
Manual Integrations
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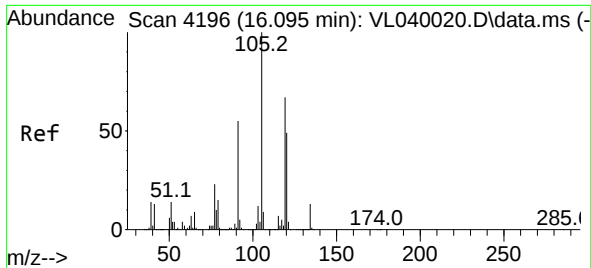
Reviewed By :Semsettin Yesilyurt 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#68
1-Bromo-4-Fluorobenzene
Concen: 9.890 ppbv
RT: 13.757 min Scan# 3469
Delta R.T. -0.006 min
Lab File: VL040033.D
Acq: 19 Dec 2022 18:12

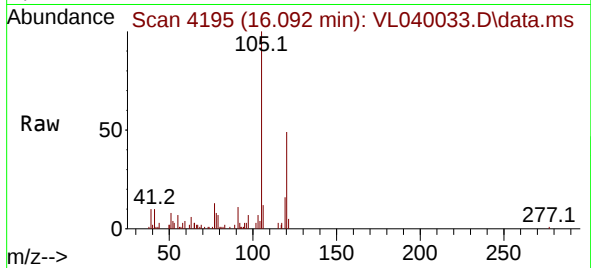
Tgt Ion: 95 Resp: 1966174
Ion Ratio Lower Upper
95 100
174 64.6 48.6 73.0
175 4.6 3.4 5.2





#74
 1,2,4-Trimethylbenzene
 Concen: 0.178 ppbv m
 RT: 16.092 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VL040033.D
 Acq: 19 Dec 2022 18:12

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1DL



Tgt Ion:	105	Resp:	60538
Ion Ratio	Lower	Upper	
105	100		
120	48.6	39.3	58.9
91	11.3	44.2	66.4
77	12.6	18.8	28.2

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