

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080124\
 Data File : VL041484.D
 Acq On : 1 Aug 2024 19:09
 Operator : SY/MD
 Sample : P3445-03DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 BASEMENTDL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 08/02/2024
 Supervised By :Mahesh Dadoda 08/03/2024

Quant Time: Aug 02 04:14:03 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M

Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_LFri Aug 2

QLast Update : Fri Aug 02 03:13:29 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.192	49	861722	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.655	114	2405133	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.468	117	2205567	10.000	ppbv	# 0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.780	95	1694351	9.982	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.800%
Target Compounds						Qvalue
3) Chlorodifluoromethane	2.677	51	161950	1.579	ppbv	97
9) Propene	2.706	41	53104m	1.127	ppbv	
13) Ethanol	3.247	45	399230m	94.786	ppbv	
15) Acetone	3.472	43	496933	5.075	ppbv	98
19) Isopropyl Alcohol	3.581	45	412416	7.205	ppbv	99
20) Methylene Chloride	3.938	84	41205	1.129	ppbv	93
25) Ethyl Acetate	5.214	43	38820	0.200	ppbv	# 95
34) 2-Butanone	4.796	43	21125m	0.182	ppbv	
53) Toluene	9.224	91	52174m	0.267	ppbv	

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

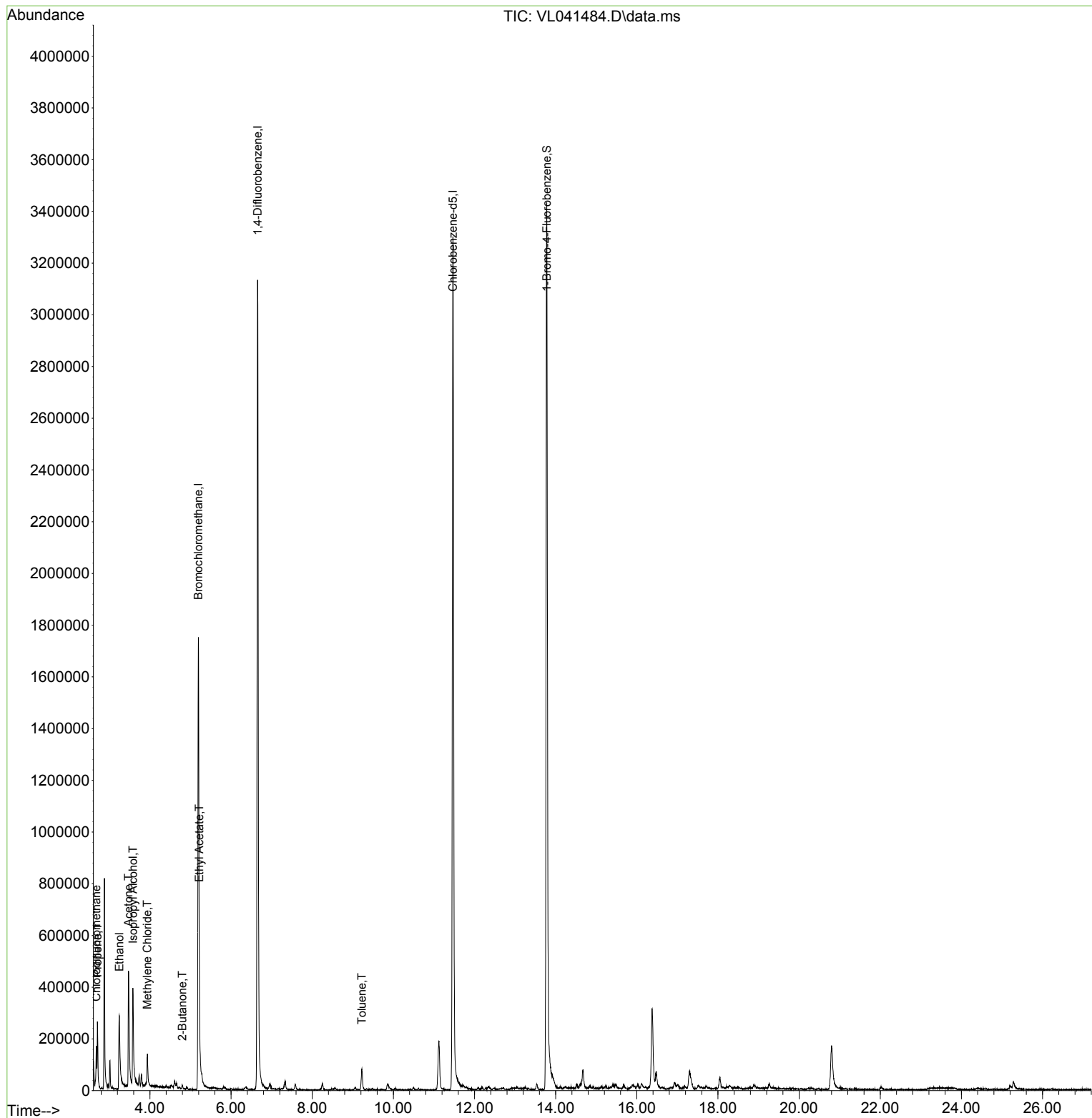
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080124\
Data File : VL041484.D
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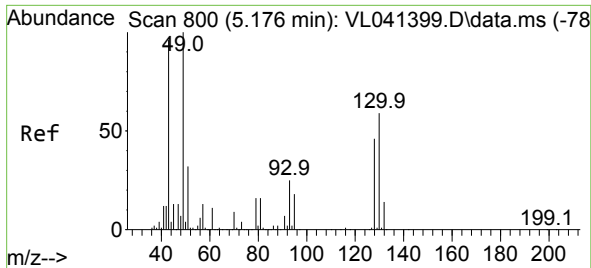
Instrument :
MSVOA_L
ClientSampleId :
BASEMENTDL

Quant Time: Aug 02 04:14:03 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Fri Aug 02 03:13:29 2024
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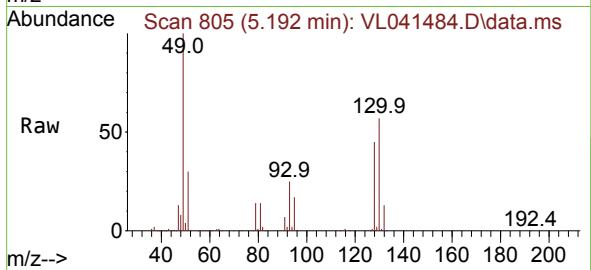
Reviewed By : Semsettin Yesilyurt 08/02/2024
Supervised By : Mahesh Dadoda 08/03/2024





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.192 min Scan# 80
Delta R.T. 0.003 min
Lab File: VL041484.D
Acq: 1 Aug 2024 19:09

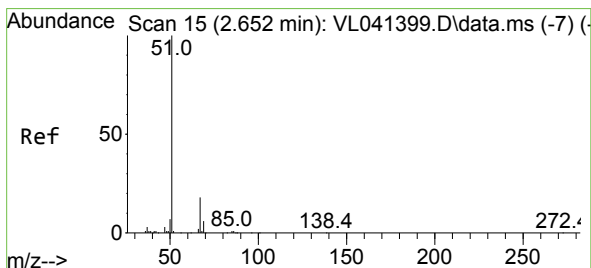
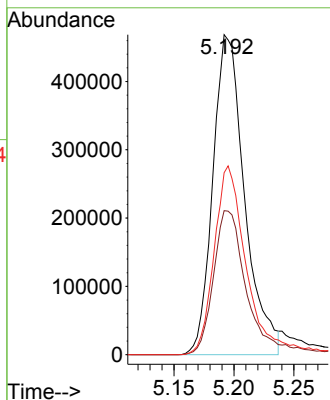
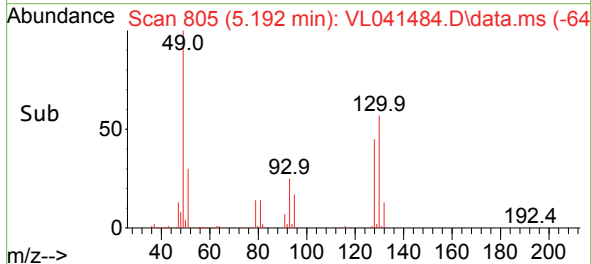
Instrument :
MSVOA_L
ClientSampleId :
BASEMENTDL



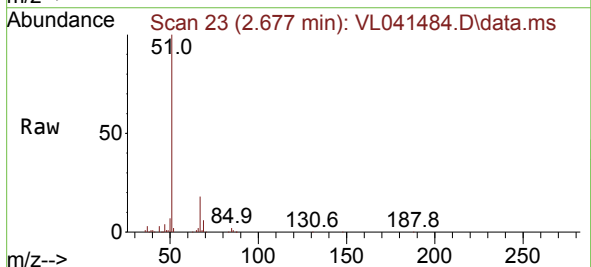
Tgt Ion: 49 Resp: 86172
Ion Ratio Lower Upper
49 100
128 48.8 23.8 71.4
130 62.9 30.8 92.4

Manual Integrations
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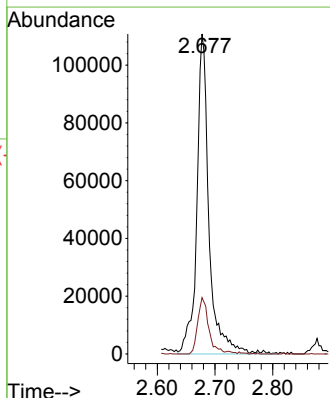
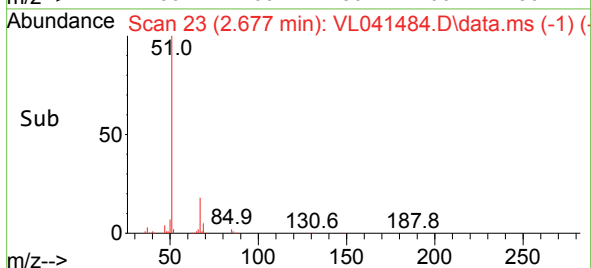
Reviewed By :Semsettin Yesilyurt 08/02/2024
Supervised By :Mahesh Dadoda 08/03/2024

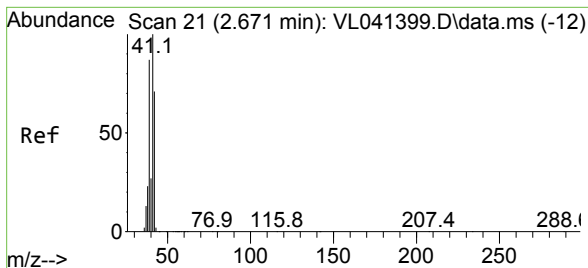


#3
Chlorodifluoromethane
Concen: 1.579 ppbv
RT: 2.677 min Scan# 23
Delta R.T. 0.003 min
Lab File: VL041484.D
Acq: 1 Aug 2024 19:09



Tgt Ion: 51 Resp: 161950
Ion Ratio Lower Upper
51 100
67 16.5 14.5 21.7





#9

Propene

Concen: 1.127 ppbv m

RT: 2.706 min Scan# 31

Delta R.T. 0.013 min

Lab File: VL041484.D

Acq: 1 Aug 2024 19:09

Instrument :

MSVOA_L

ClientSampleId :

BASEMENTDL

Tgt Ion: 41 Resp: 53104

Ion Ratio Lower Upper

41 100

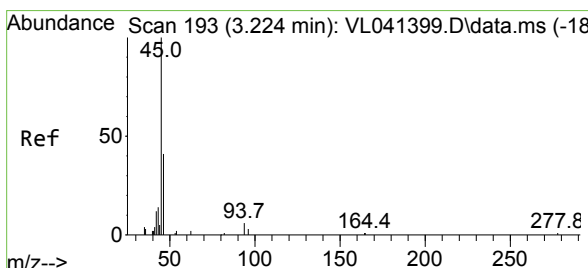
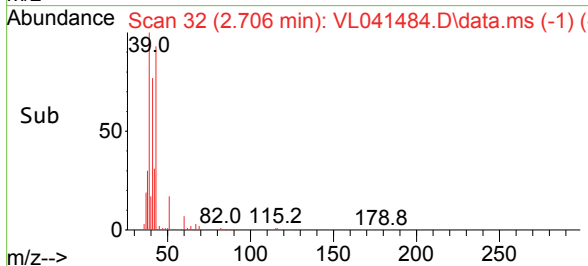
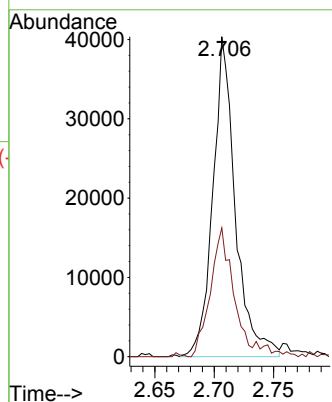
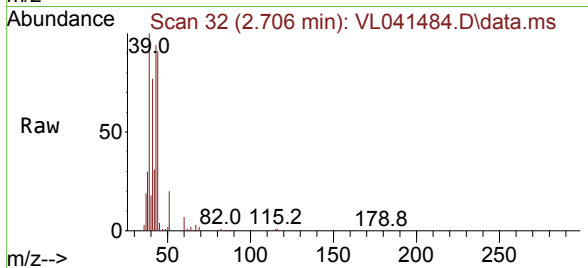
42 288.8 55.9 83.9

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#13

Ethanol

Concen: 94.786 ppbv m

RT: 3.247 min Scan# 200

Delta R.T. 0.000 min

Lab File: VL041484.D

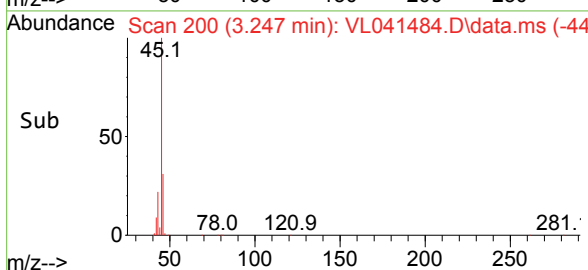
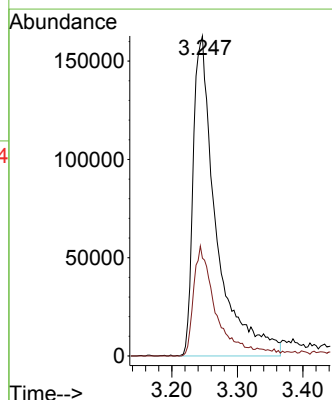
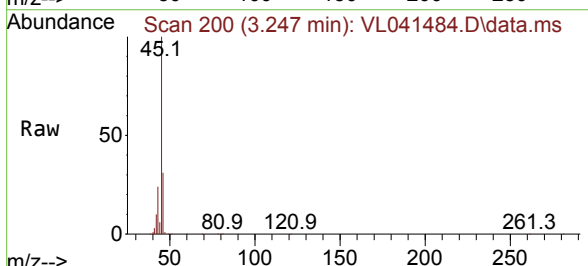
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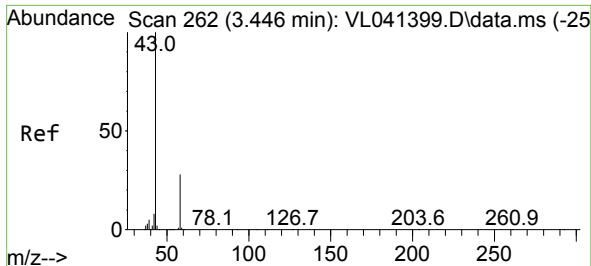
Tgt Ion: 45 Resp: 399230

Ion Ratio Lower Upper

45 100

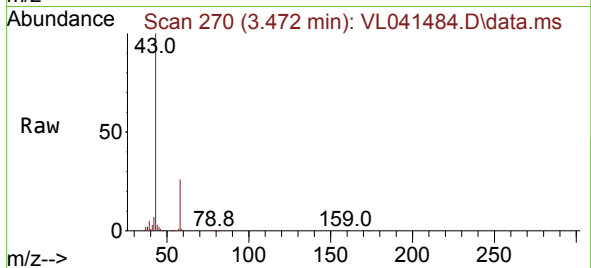
46 34.6 13.4 53.4





#15
Acetone
Concen: 5.075 ppbv
RT: 3.472 min Scan# 21
Delta R.T. 0.006 min
Lab File: VL041484.D
Acq: 1 Aug 2024 19:09

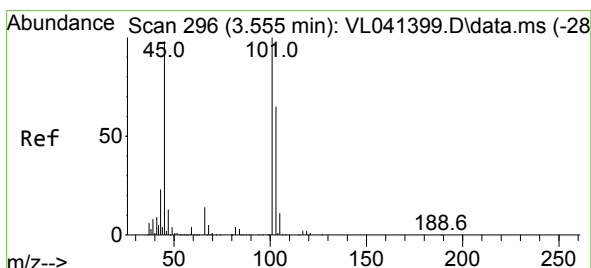
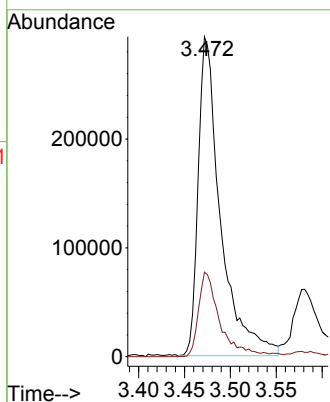
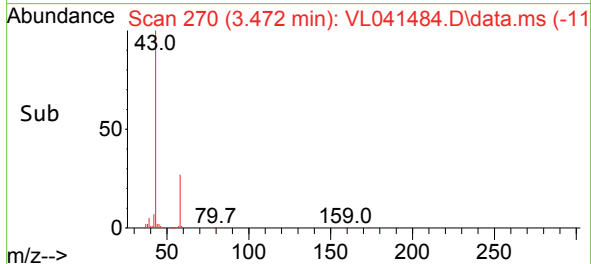
Instrument :
MSVOA_L
ClientSampleId :
BASEMENTDL



Tgt Ion: 43 Resp: 496933
Ion Ratio Lower Upper
43 100
58 25.6 21.4 32.2

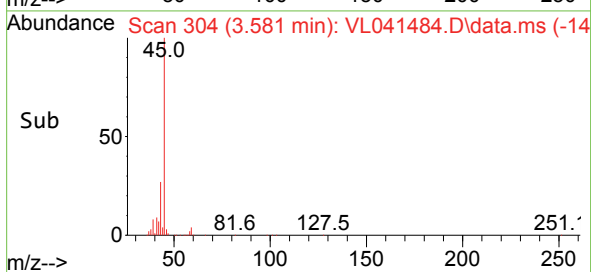
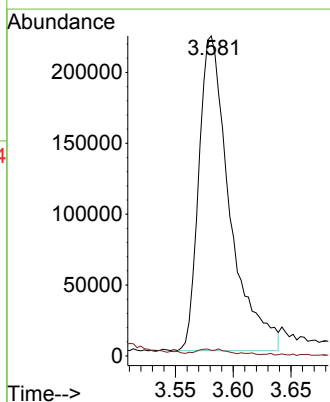
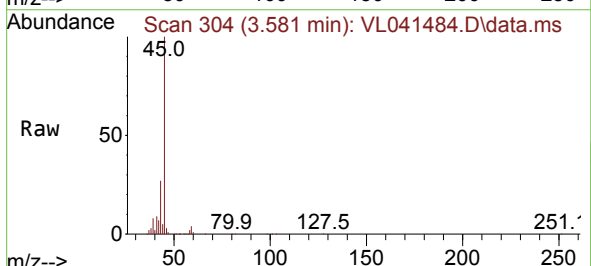
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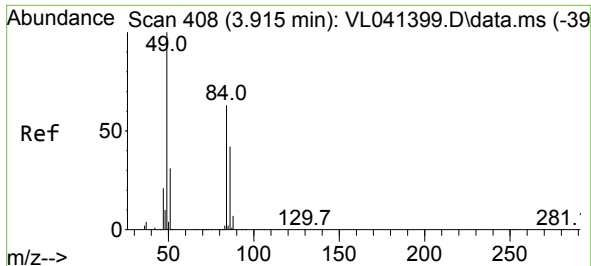
Reviewed By :Semsettin Yesilyurt 08/02/2024
Supervised By :Mahesh Dadoda 08/03/2024



#19
Isopropyl Alcohol
Concen: 7.205 ppbv
RT: 3.581 min Scan# 304
Delta R.T. 0.006 min
Lab File: VL041484.D
Acq: 1 Aug 2024 19:09

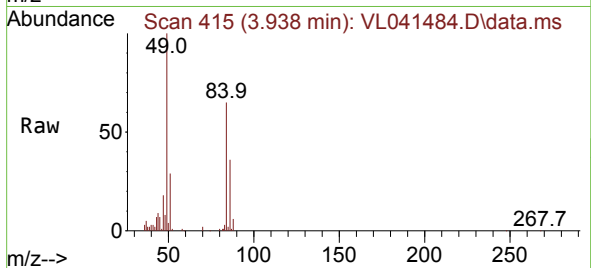
Tgt Ion: 45 Resp: 412416
Ion Ratio Lower Upper
45 100
58 2.8 1.9 2.9





#20
Methylene Chloride
Concen: 1.129 ppbv
RT: 3.938 min Scan# 415
Delta R.T. 0.006 min
Lab File: VL041484.D
Acq: 1 Aug 2024 19:09

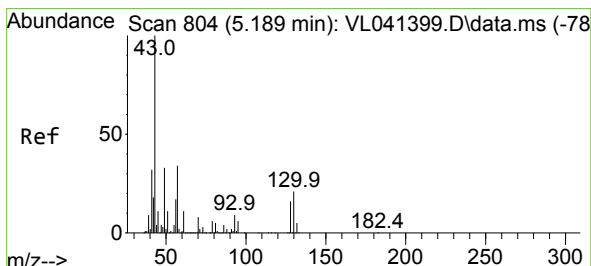
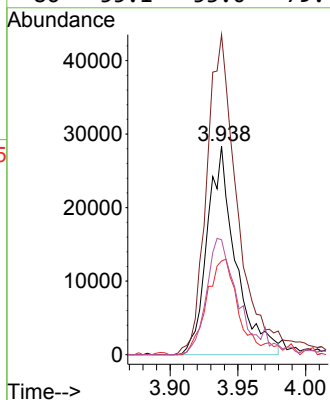
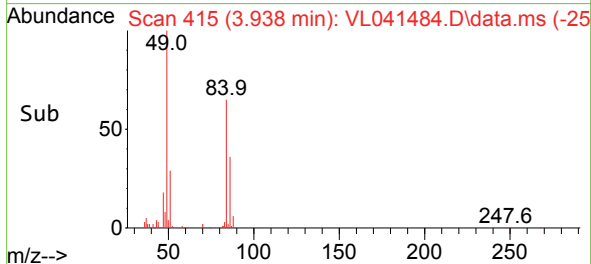
Instrument :
MSVOA_L
ClientSampleId :
BASEMENTDL



Tgt Ion: 84 Resp: 41209
Ion Ratio Lower Upper
84 100
49 152.7 126.6 190.0
51 44.9 38.6 58.0
86 55.1 53.0 79.4

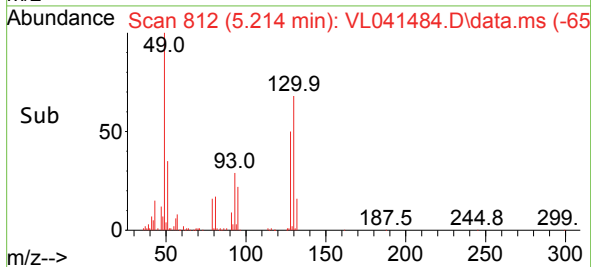
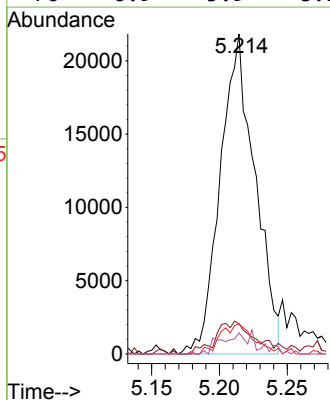
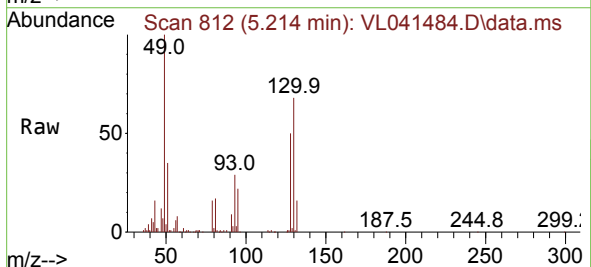
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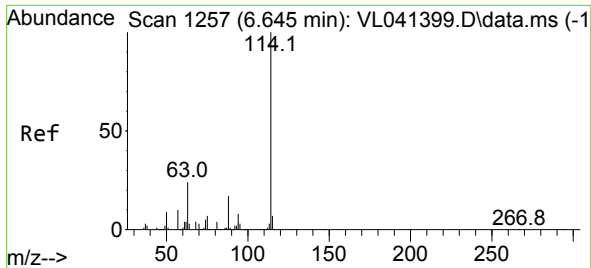
Reviewed By :Semsettin Yesilyurt 08/02/2024
Supervised By :Mahesh Dadoda 08/03/2024



#25
Ethyl Acetate
Concen: 0.200 ppbv
RT: 5.214 min Scan# 812
Delta R.T. 0.013 min
Lab File: VL041484.D
Acq: 1 Aug 2024 19:09

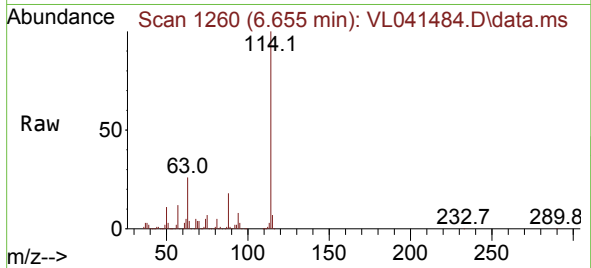
Tgt Ion: 43 Resp: 38820
Ion Ratio Lower Upper
43 100
45 15.2 8.5 12.7#
61 9.7 8.0 12.0
70 6.9 5.9 8.9





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.655 min Scan# 114
Delta R.T. 0.000 min
Lab File: VL041484.D
Acq: 1 Aug 2024 19:09

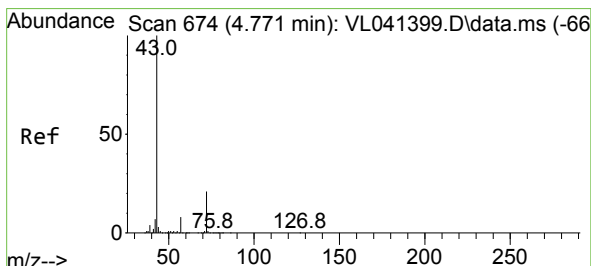
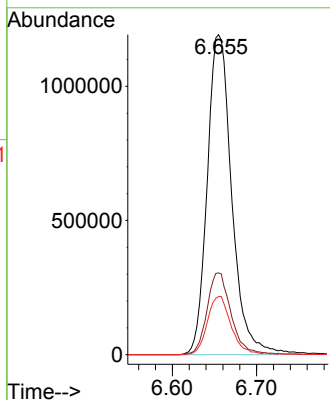
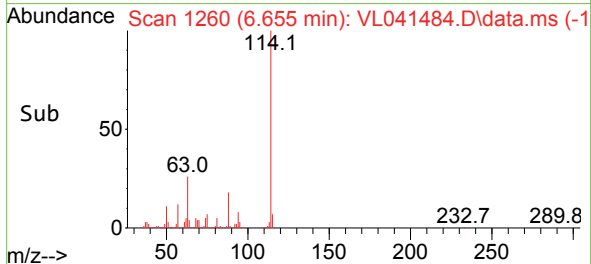
Instrument :
MSVOA_L
ClientSampleId :
BASEMENTDL



Tgt Ion:114 Resp: 240513
Ion Ratio Lower Upper
114 100
63 25.6 20.3 30.5
88 18.0 14.3 21.5

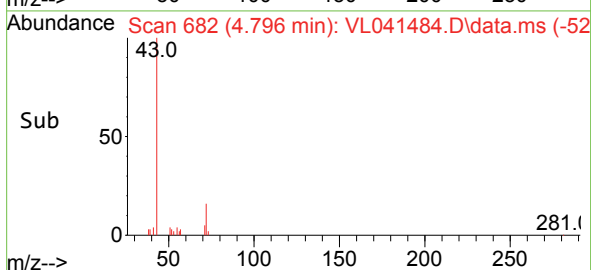
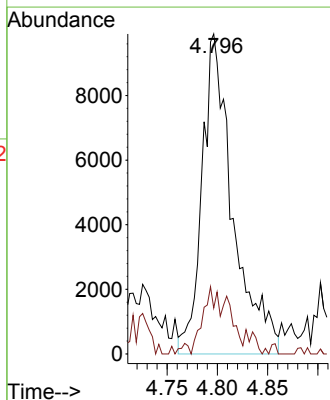
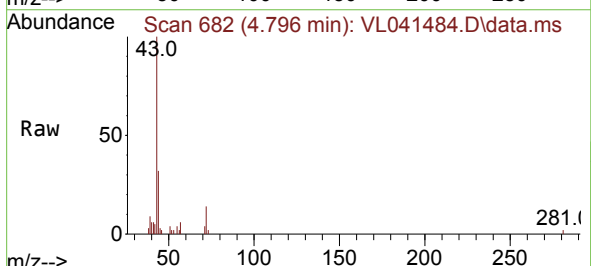
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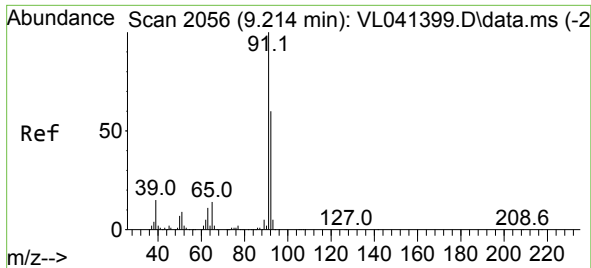
Reviewed By :Semsettin Yesilyurt 08/02/2024
Supervised By :Mahesh Dadoda 08/03/2024



#34
2-Butanone
Concen: 0.182 ppbv m
RT: 4.796 min Scan# 682
Delta R.T. 0.013 min
Lab File: VL041484.D
Acq: 1 Aug 2024 19:09

Tgt Ion: 43 Resp: 21125
Ion Ratio Lower Upper
43 100
72 20.7 17.3 25.9





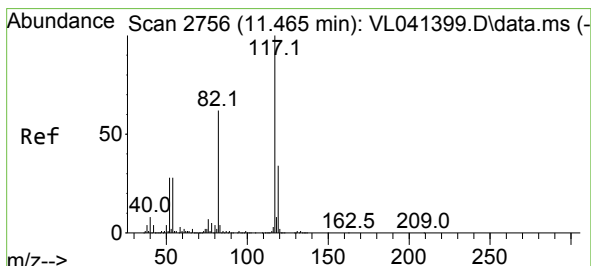
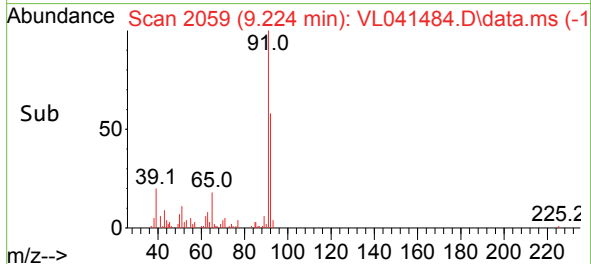
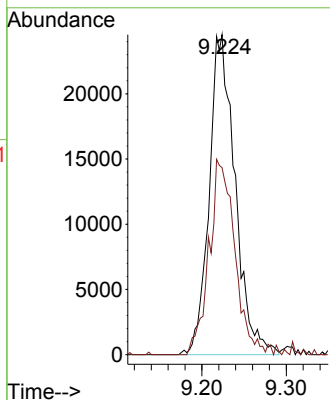
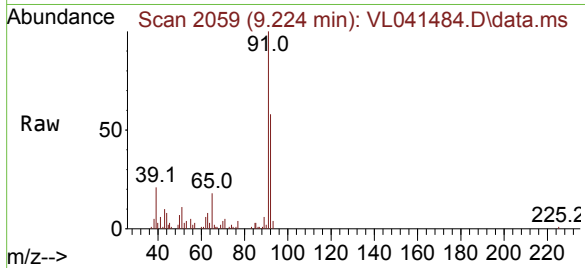
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Toluene
Concen: 0.267 ppbv m
RT: 9.224 min Scan# 2056
Delta R.T. 0.003 min
Lab File: VL041484.D
Acq: 1 Aug 2024 19:09

Instrument :
MSVOA_L
ClientSampleId :
BASEMENTDL

Tgt Ion: 91 Resp: 52174
Ion Ratio Lower Upper
91 100
92 62.2 48.7 73.1

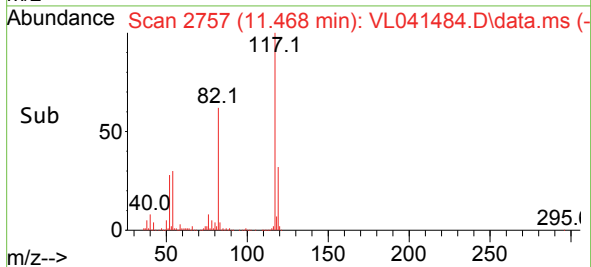
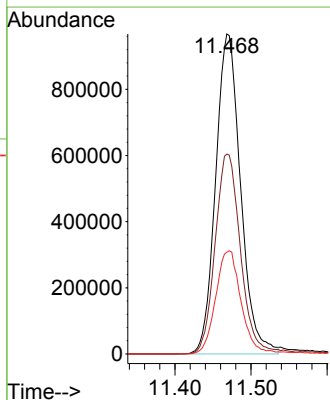
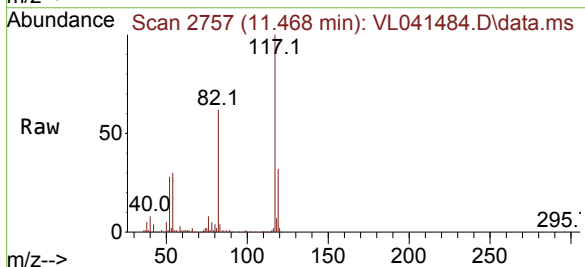
Manual Integrations
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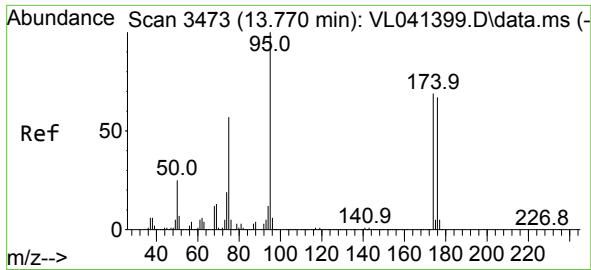
Reviewed By :Semsettin Yesilyurt 08/02/2024
Supervised By :Mahesh Dadoda 08/03/2024



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.468 min Scan# 2757
Delta R.T. 0.003 min
Lab File: VL041484.D
Acq: 1 Aug 2024 19:09

Tgt Ion:117 Resp: 2205567
Ion Ratio Lower Upper
117 100
82 64.9 51.0 76.6
119 33.4 45.2 67.8#





#68

1-Bromo-4-Fluorobenzene

Concen: 9.982 ppbv

RT: 13.780 min Scan# 34

Delta R.T. 0.006 min

Lab File: VL041484.D

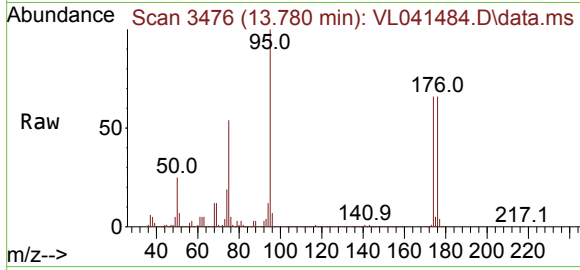
Acq: 1 Aug 2024 19:09

Instrument :

MSVOA_L

ClientSampleId :

BASEMENTDL



Tgt Ion: 95 Resp: 169435

Ion Ratio Lower Upper

95 100

174 72.2 56.3 84.5

175 5.0 4.0 6.0

Manual Integrations

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Supervised By :Mahesh Dadoda 08/03/2024

