

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072924\
 Data File : VL041439.D
 Acq On : 29 Jul 2024 21:47
 Operator : SY/MD
 Sample : P3342-05DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ACVI-IA-02DL

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/30/2024
 Supervised By :Semsettin Yesilyurt 07/30/2024

Quant Time: Jul 30 02:54:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Tue Jul 30 02:42:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.192	49	1141037	10.000	ppbv	0.01
33) 1,4-Difluorobenzene	6.652	114	3063699	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.465	117	2772990	10.000	ppbv	# 0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.777	95	2180047	10.216	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	= 102.200%	
Target Compounds						
						Qvalue
10) Heptane	7.578	43	23867	0.170	ppbv	98
13) Ethanol	3.237	45	575530	103.194	ppbv	95
15) Acetone	3.472	43	67888m	0.524	ppbv	
19) Isopropyl Alcohol	3.581	45	170688	2.252	ppbv	99
20) Methylene Chloride	3.935	84	27824	0.576	ppbv	91
26) Hexane	5.211	57	121507	1.137	ppbv	# 49
36) Benzene	6.365	78	59527m	0.266	ppbv	
44) 2,2,4-Trimethylpentane	7.330	57	65162m	0.174	ppbv	
53) Toluene	9.221	91	231283	0.928	ppbv	97
58) Ethyl Benzene	12.092	91	54652m	0.171	ppbv	
59) m/p-Xylene	12.343	91	78952m	0.286	ppbv	
60) o-Xylene	13.060	91	29752m	0.114	ppbv	
61) Styrene	12.896	104	26814m	0.228	ppbv	

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

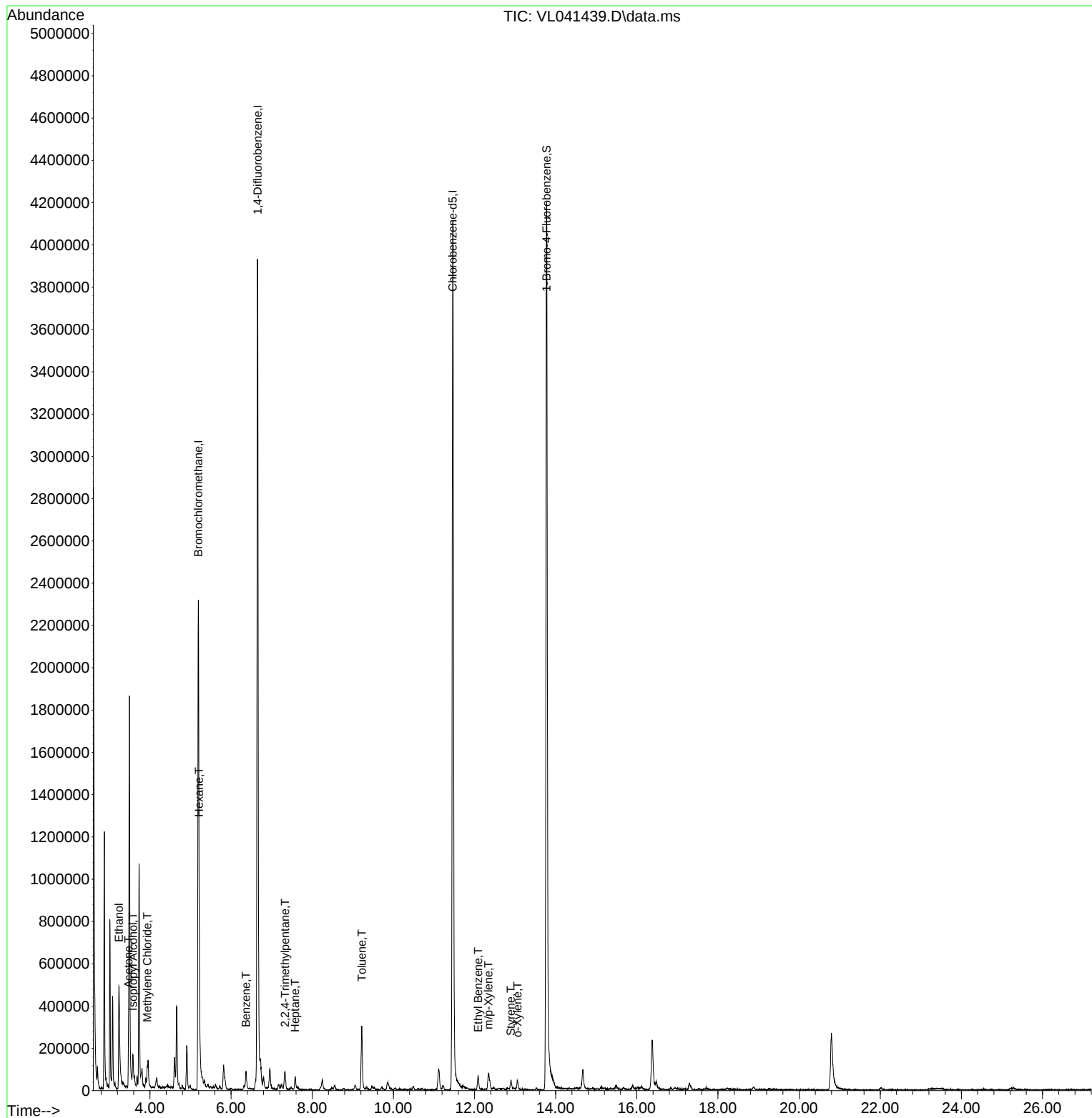
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072924\
Data File : VL041439.D
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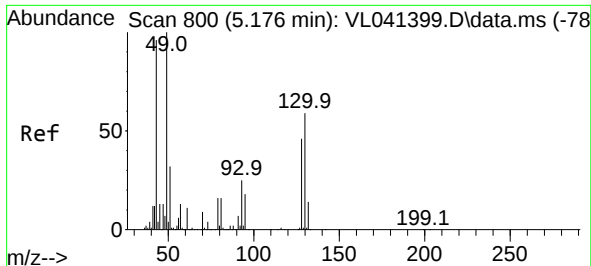
Instrument :
MSVOA_L
ClientSampleId :
ACVI-IA-02DL

Quant Time: Jul 30 02:54:59 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 : Tue Jul 30 02:42:20 2024
Response via : Initial Calibration

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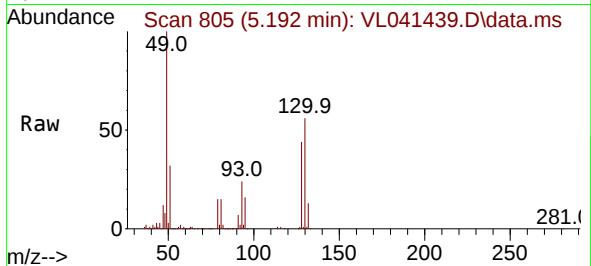
Reviewed By : Mahesh Dadoda 07/30/2024
Supervised By : Semsettin Yesilyurt 07/30/2024





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.192 min Scan# 805
Delta R.T. 0.013 min
Lab File: VL041439.D
Acq: 29 Jul 2024 21:47

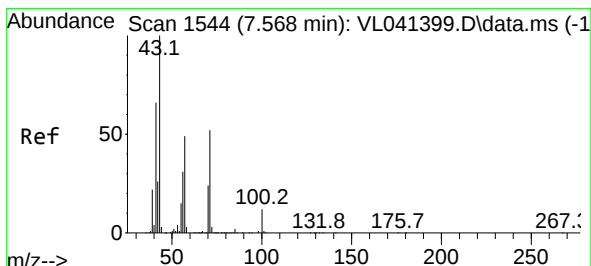
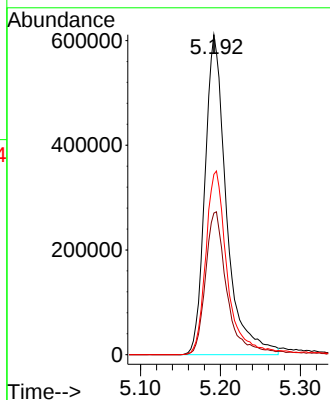
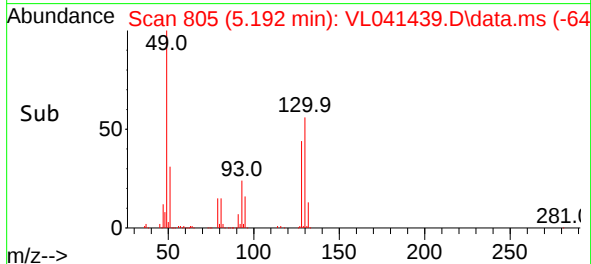
Instrument :
MSVOA_L
ClientSampleId :
ACVI-IA-02DL



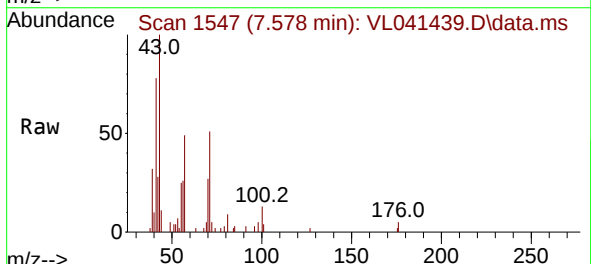
Tgt Ion: 49 Resp: 114103
Ion Ratio Lower Upper
49 100
128 46.3 23.8 71.4
130 59.5 30.8 92.4

Manual Integrations
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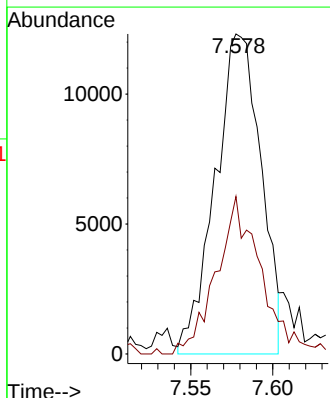
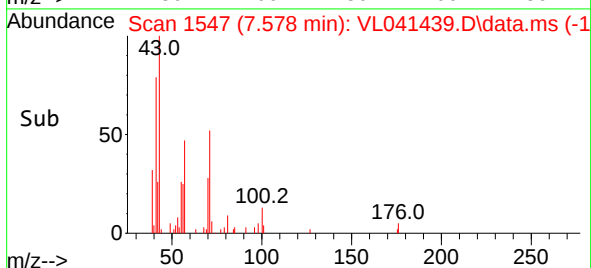
Reviewed By :Mahesh Dadoda 07/30/2024
Supervised By :Semsettin Yesilyurt 07/30/2024

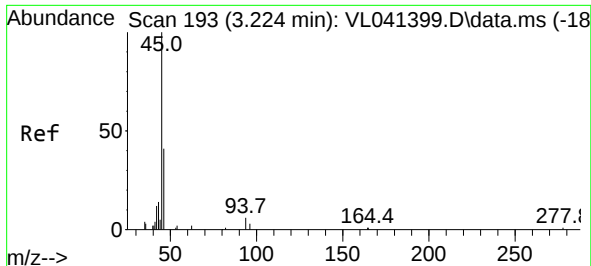


#10
Heptane
Concen: 0.170 ppbv
RT: 7.578 min Scan# 1547
Delta R.T. 0.006 min
Lab File: VL041439.D
Acq: 29 Jul 2024 21:47



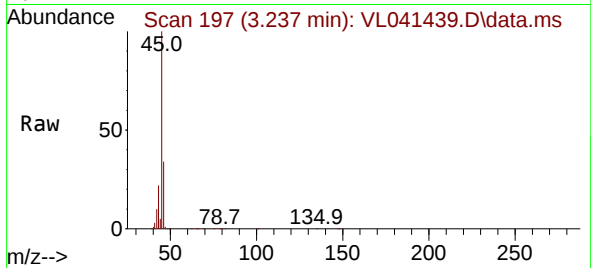
Tgt Ion: 43 Resp: 23867
Ion Ratio Lower Upper
43 100
57 49.2 40.5 60.7





#13
Ethanol
Concen: 103.194 ppbv
RT: 3.237 min Scan# 193
Delta R.T. 0.010 min
Lab File: VL041439.D
Acq: 29 Jul 2024 21:47

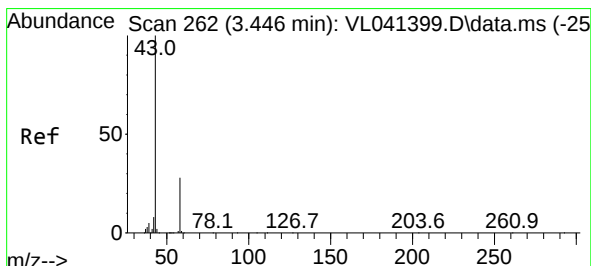
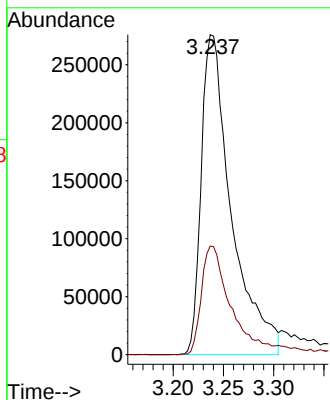
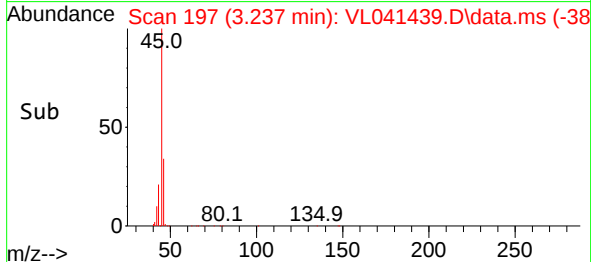
Instrument :
MSVOA_L
ClientSampleId :
ACVI-IA-02DL



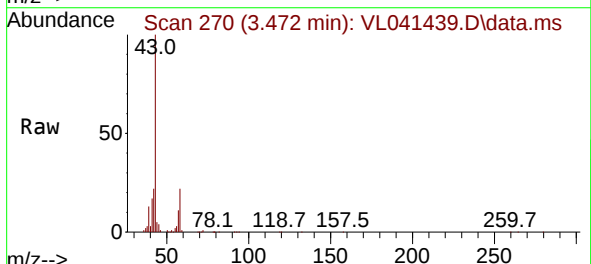
Tgt Ion: 45 Resp: 575530
Ion Ratio Lower Upper
45 100
46 36.0 13.4 53.4

Manual Integrations
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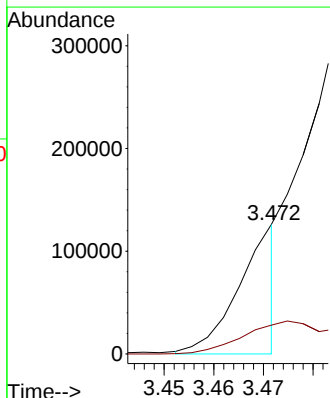
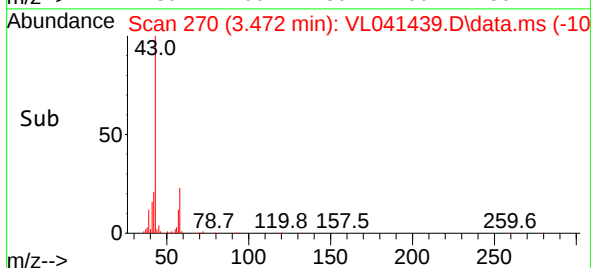
Reviewed By :Mahesh Dadoda 07/30/2024
Supervised By :Semsettin Yesilyurt 07/30/2024

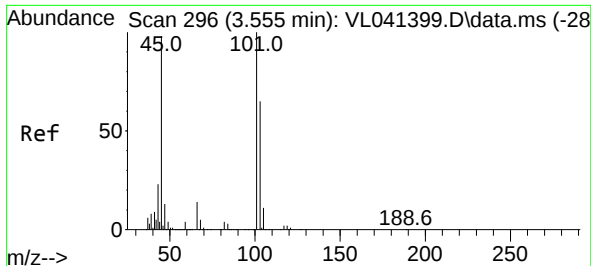


#15
Acetone
Concen: 0.524 ppbv m
RT: 3.472 min Scan# 270
Delta R.T. 0.019 min
Lab File: VL041439.D
Acq: 29 Jul 2024 21:47



Tgt Ion: 43 Resp: 67888
Ion Ratio Lower Upper
43 100
58 95.1 21.4 32.2#





#19

Isopropyl Alcohol

Concen: 2.252 ppbv

RT: 3.581 min Scan# 304

Delta R.T. 0.019 min

Lab File: VL041439.D

Acq: 29 Jul 2024 21:47

Instrument :

MSVOA_L

ClientSampleId :

ACVI-IA-02DL

Tgt Ion: 45 Resp: 17068

Ion Ratio Lower Upper

45 100

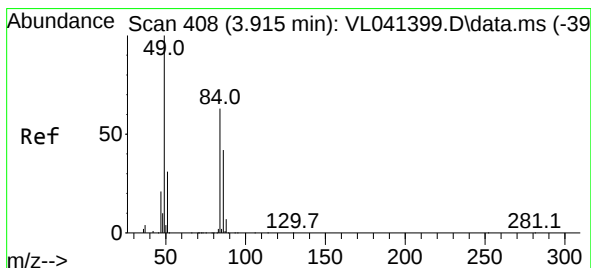
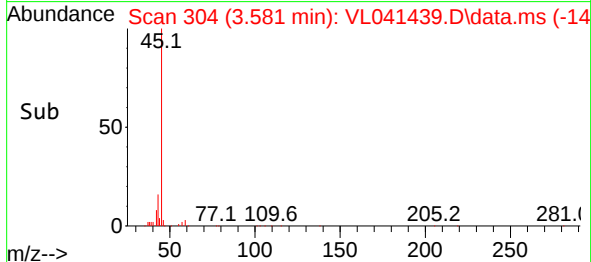
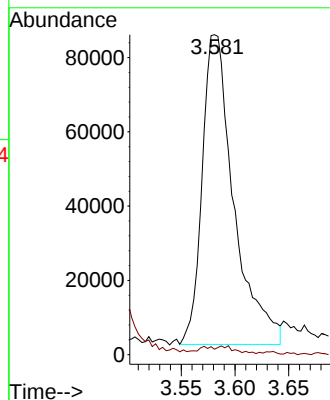
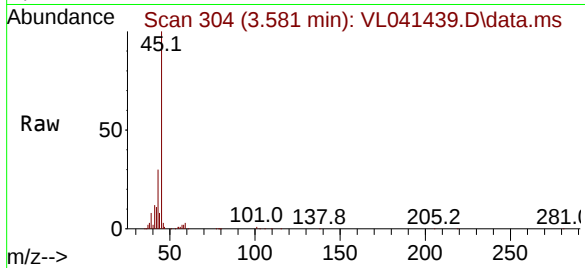
58 2.9 1.9 2.9

Manual Integrations

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Supervised By :Semsettin Yesilyurt 07/30/2024



#20

Methylene Chloride

Concen: 0.576 ppbv

RT: 3.935 min Scan# 414

Delta R.T. 0.016 min

Lab File: VL041439.D

Acq: 29 Jul 2024 21:47

Tgt Ion: 84 Resp: 27824

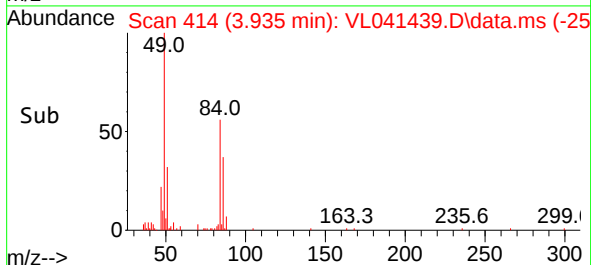
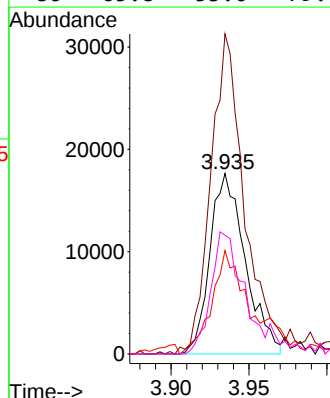
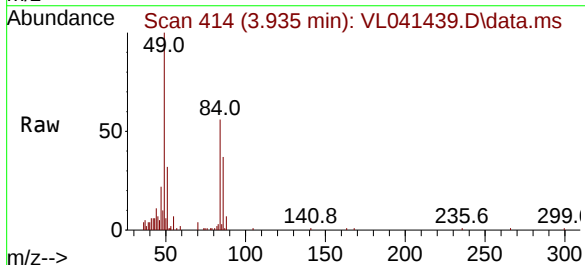
Ion Ratio Lower Upper

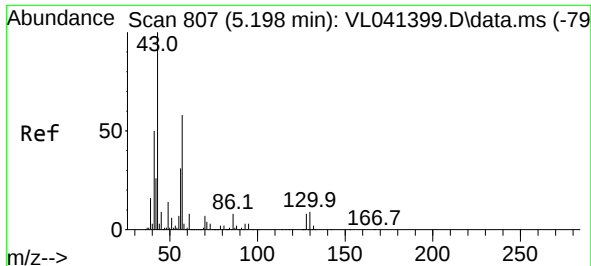
84 100

49 173.5 126.6 190.0

51 57.3 38.6 58.0

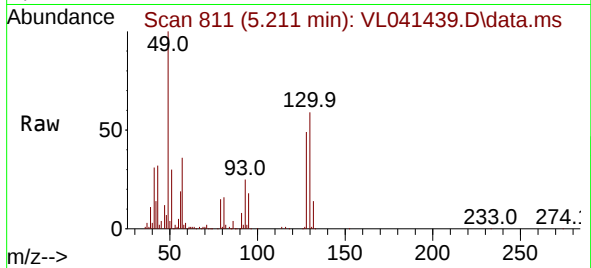
86 65.8 53.0 79.4





#26
Hexane
Concen: 1.137 ppbv
RT: 5.211 min Scan# 811
Delta R.T. 0.013 min
Lab File: VL041439.D
Acq: 29 Jul 2024 21:47

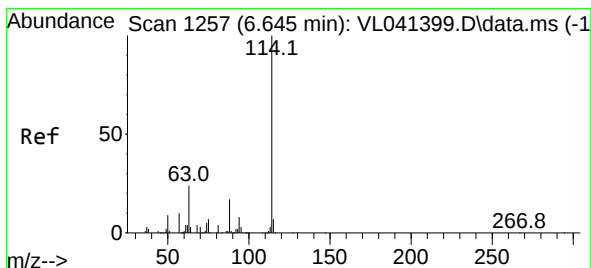
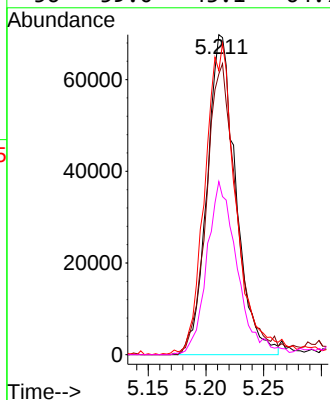
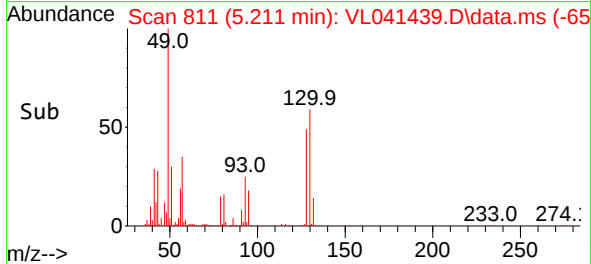
Instrument :
MSVOA_L
ClientSampleId :
ACVI-IA-02DL



Tgt Ion: 57 Resp: 121507
Ion Ratio Lower Upper
57 100
41 96.4 74.0 111.0
43 108.2 193.6 290.4
56 59.0 43.1 64.7

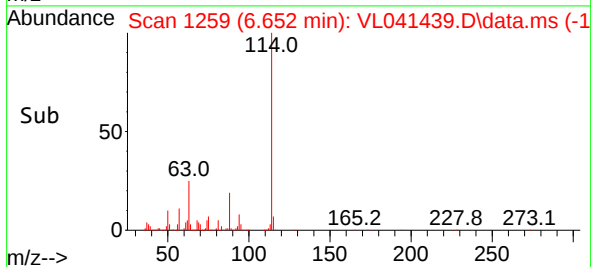
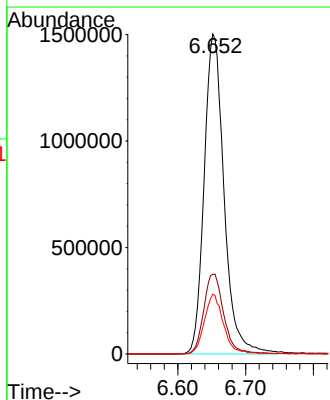
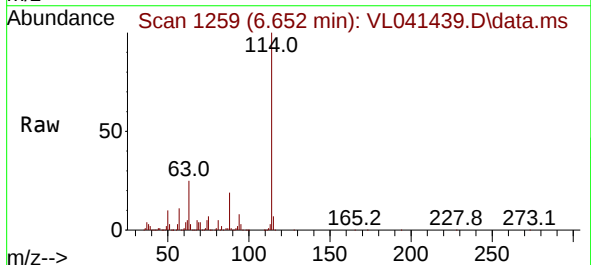
Manual Integrations
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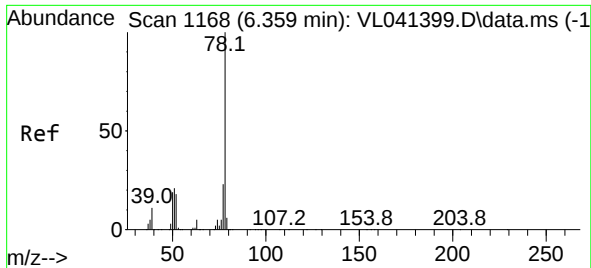
Reviewed By :Mahesh Dadoda 07/30/2024
Supervised By :Semsettin Yesilyurt 07/30/2024



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.652 min Scan# 1259
Delta R.T. 0.006 min
Lab File: VL041439.D
Acq: 29 Jul 2024 21:47

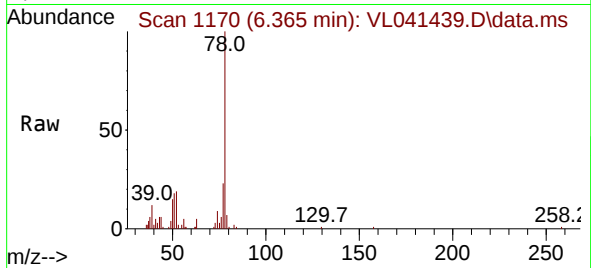
Tgt Ion:114 Resp: 3063699
Ion Ratio Lower Upper
114 100
63 25.5 20.3 30.5
88 18.0 14.3 21.5





#36
Benzene
Concen: 0.266 ppbv m
RT: 6.365 min Scan# 1168
Delta R.T. 0.006 min
Lab File: VL041439.D
Acq: 29 Jul 2024 21:47

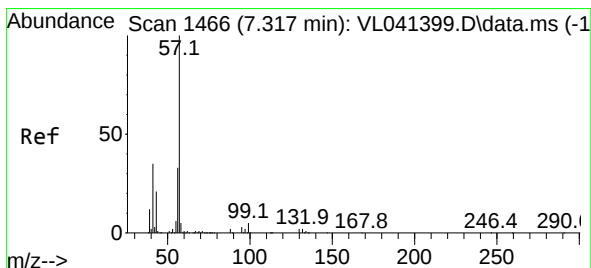
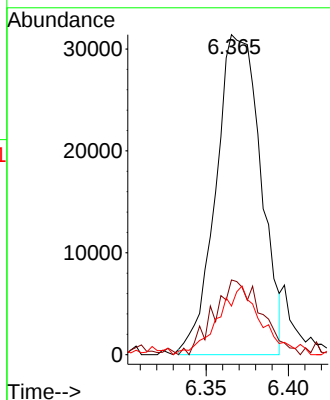
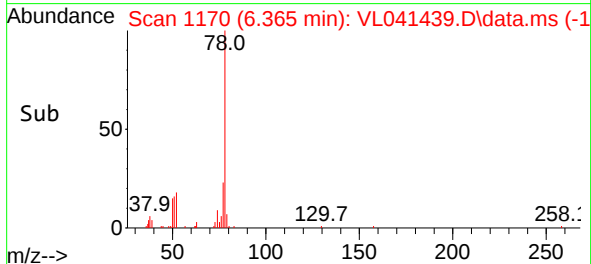
Instrument :
MSVOA_L
ClientSampleId :
ACVI-IA-02DL



Tgt Ion: 78 Resp: 5952
Ion Ratio Lower Upper
78 100
77 23.4 18.1 27.1
50 15.2 15.5 23.3

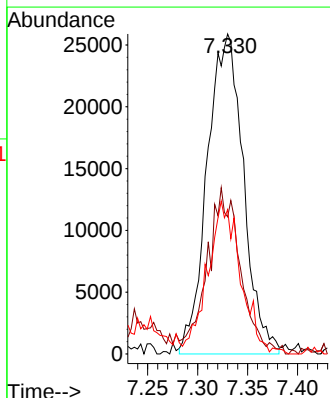
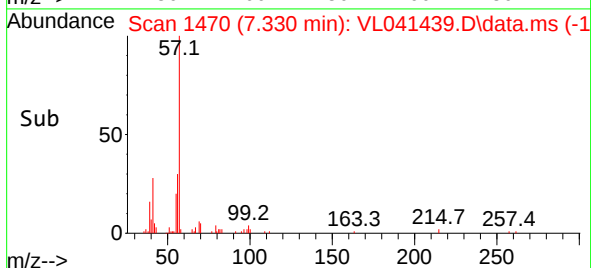
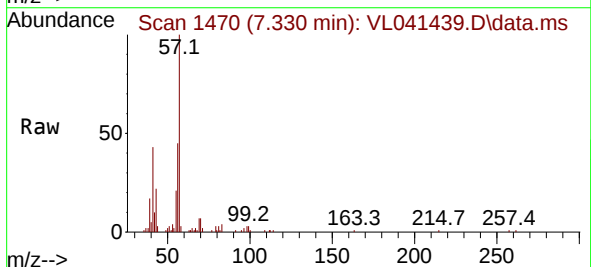
Manual Integrations
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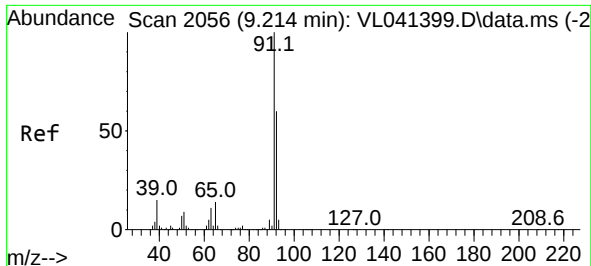
Reviewed By :Mahesh Dadoda 07/30/2024
Supervised By :Semsettin Yesilyurt 07/30/2024



#44
2,2,4-Trimethylpentane
Concen: 0.174 ppbv m
RT: 7.330 min Scan# 1470
Delta R.T. 0.013 min
Lab File: VL041439.D
Acq: 29 Jul 2024 21:47

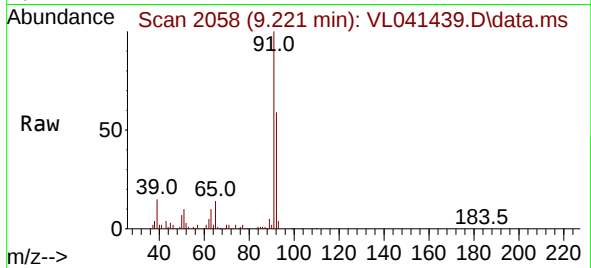
Tgt Ion: 57 Resp: 65162
Ion Ratio Lower Upper
57 100
41 49.8 27.0 40.6#
56 45.1 25.2 37.8#





#53
Toluene
Concen: 0.928 ppbv
RT: 9.221 min Scan# 2056
Delta R.T. 0.003 min
Lab File: VL041439.D
Acq: 29 Jul 2024 21:47

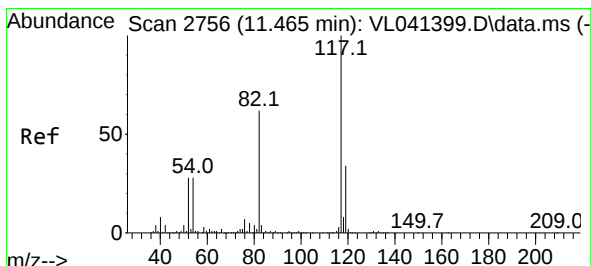
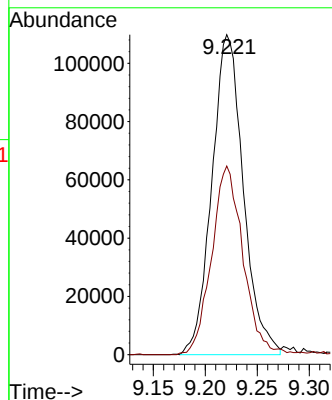
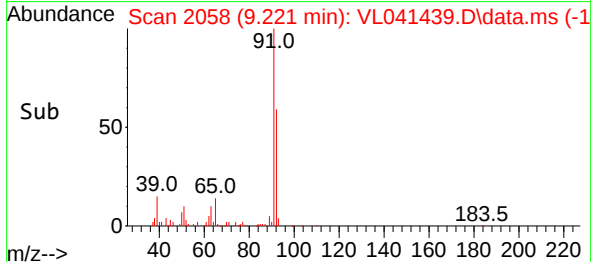
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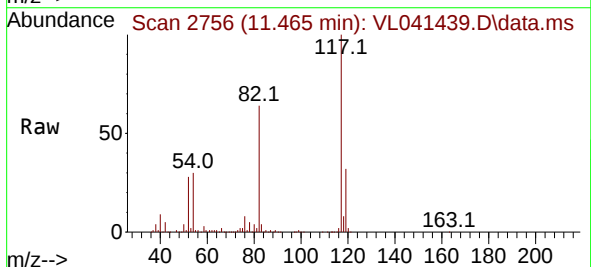
Tgt Ion: 91 Resp: 231283
Ion Ratio Lower Upper
91 100
92 59.0 48.7 73.1

Manual Integrations
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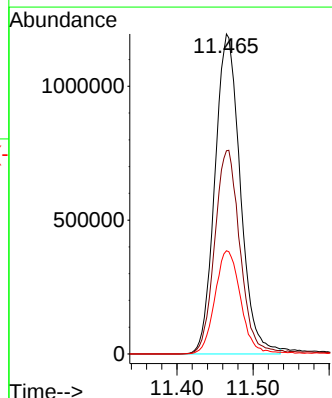
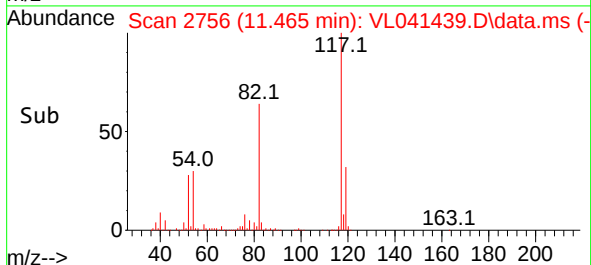
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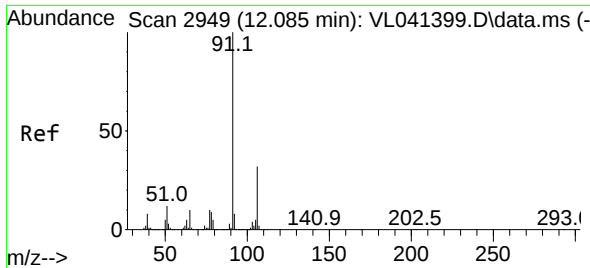


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.465 min Scan# 2756
Delta R.T. 0.000 min
Lab File: VL041439.D
Acq: 29 Jul 2024 21:47



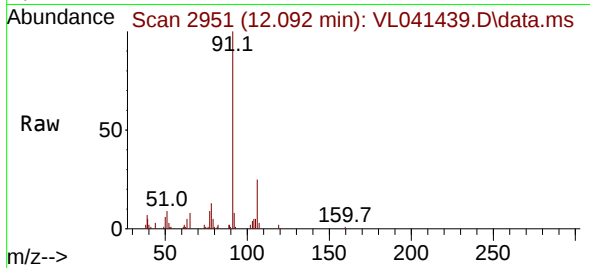
Tgt Ion:117 Resp: 2772990
Ion Ratio Lower Upper
117 100
82 64.7 51.0 76.6
119 33.0 45.2 67.8#





#58
Ethyl Benzene
Concen: 0.171 ppbv m
RT: 12.092 min Scan# 2949
Delta R.T. 0.006 min
Lab File: VL041439.D
Acq: 29 Jul 2024 21:47

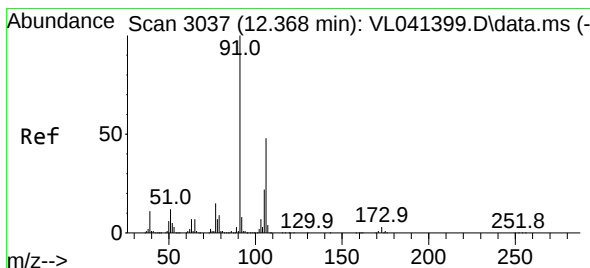
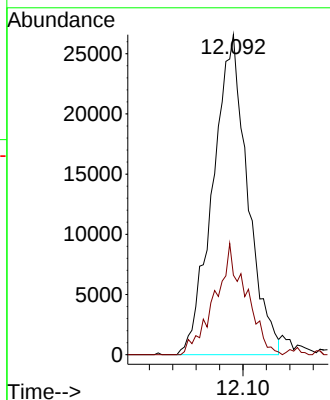
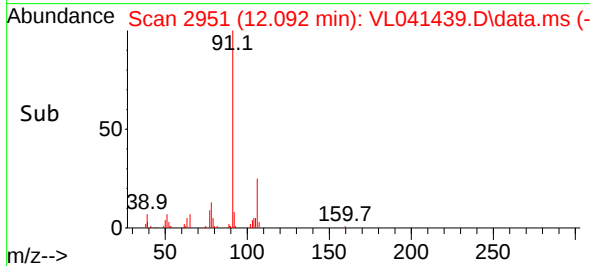
Instrument :
MSVOA_L
ClientSampleId :
ACVI-IA-02DL



Tgt Ion: 91 Resp: 54652
Ion Ratio Lower Upper
91 100
106 24.8 25.8 38.8

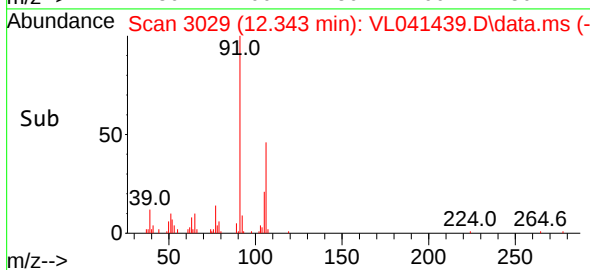
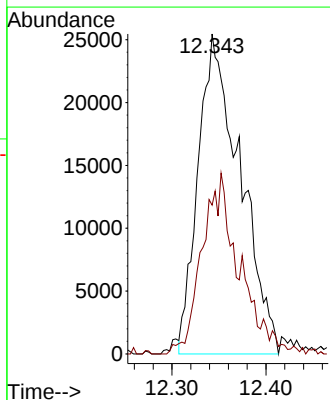
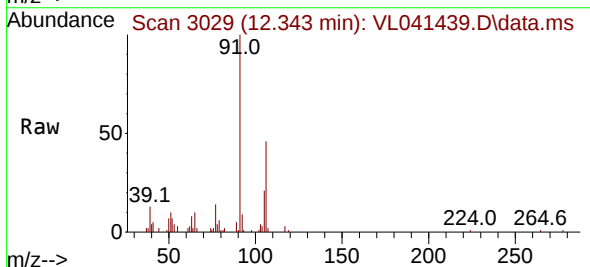
Manual Integrations
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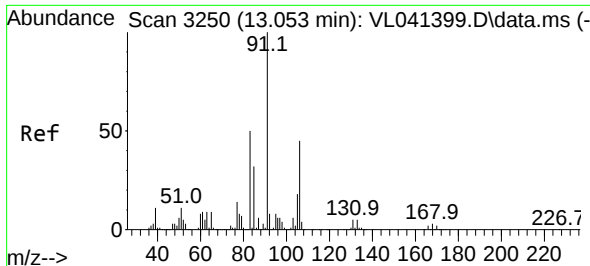
Reviewed By :Mahesh Dadoda 07/30/2024
Supervised By :Semsettin Yesilyurt 07/30/2024



#59
m/p-Xylene
Concen: 0.286 ppbv m
RT: 12.343 min Scan# 3029
Delta R.T. -0.026 min
Lab File: VL041439.D
Acq: 29 Jul 2024 21:47

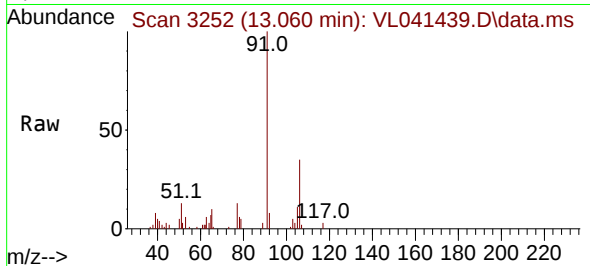
Tgt Ion: 91 Resp: 78952
Ion Ratio Lower Upper
91 100
106 0.0 36.3 54.5





#60
o-Xylene
Concen: 0.114 ppbv m
RT: 13.060 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL041439.D
Acq: 29 Jul 2024 21:47

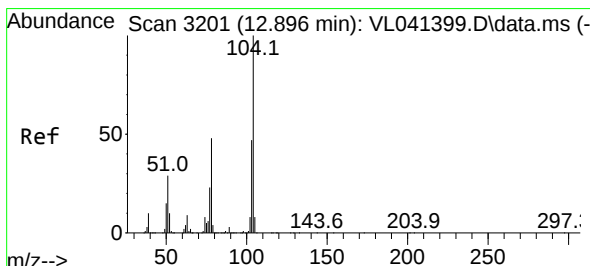
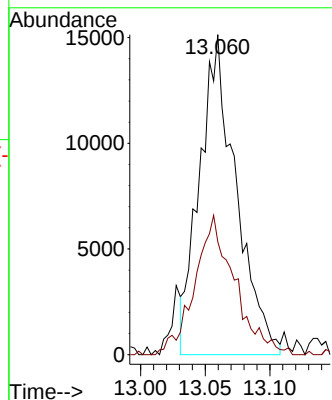
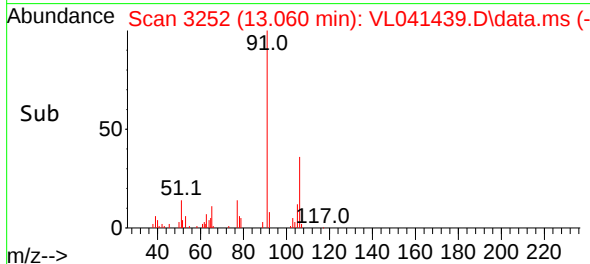
Instrument :
MSVOA_L
ClientSampleId :
ACVI-IA-02DL



Tgt Ion: 91 Resp: 29752
Ion Ratio Lower Upper
91 100
106 47.6 23.1 69.3

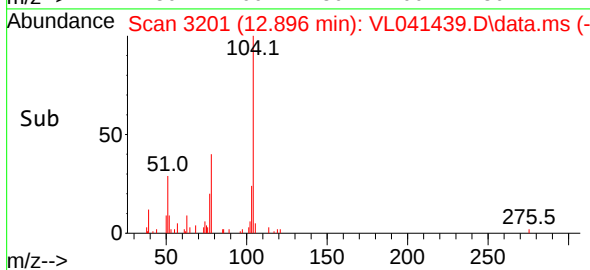
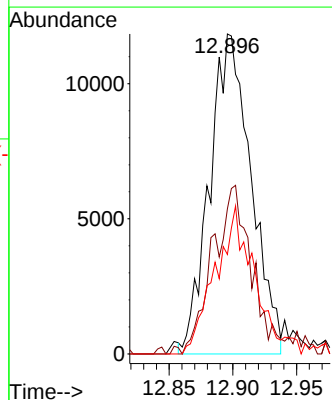
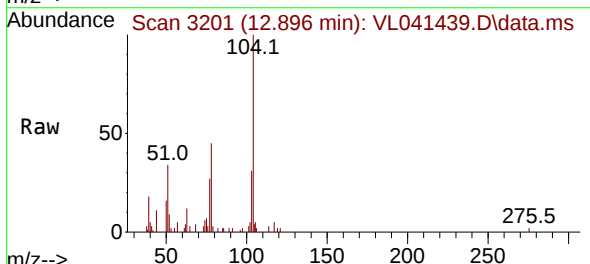
Manual Integrations
APPROVED

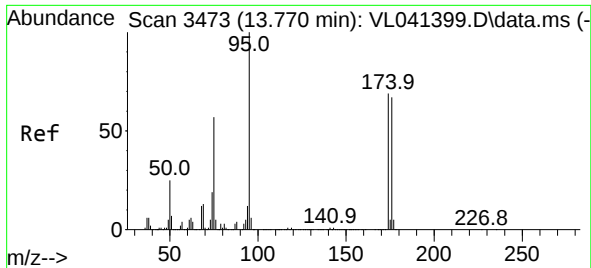
Reviewed By :Mahesh Dadoda 07/30/2024
Supervised By :Semsettin Yesilyurt 07/30/2024



#61
Styrene
Concen: 0.228 ppbv m
RT: 12.896 min Scan# 3201
Delta R.T. 0.000 min
Lab File: VL041439.D
Acq: 29 Jul 2024 21:47

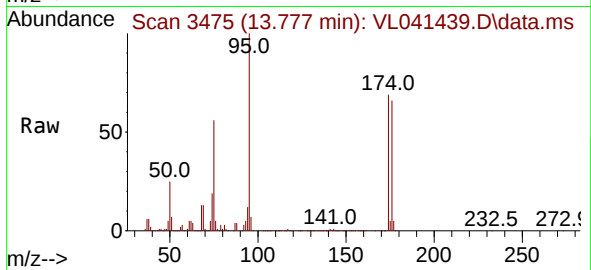
Tgt Ion:104 Resp: 26814
Ion Ratio Lower Upper
104 100
78 53.3 40.8 61.2
103 43.8 38.2 57.4





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.216 ppbv
 RT: 13.777 min Scan# 3475
 Delta R.T. 0.003 min
 Lab File: VL041439.D
 Acq: 29 Jul 2024 21:47

Instrument :
 MSVOA_L
 ClientSampleId :
 ACVI-IA-02DL



Tgt Ion: 95 Resp: 218004

Ion	Ratio	Lower	Upper
95	100		
174	70.8	56.3	84.5
175	5.1	4.0	6.0

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/30/2024
 Supervised By :Semsettin Yesilyurt 07/30/2024

