

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072924\
 Data File : VL041445.D
 Acq On : 30 Jul 2024 1:51
 Operator : SY/MD
 Sample : P3342-08DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ACVI-IA-04DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 30 02:57:56 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	5.198	49	1095859	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	6.658	114	2946986	10.000	ppbv	0.01
55) Chlorobenzene-d5	11.468	117	2681688	10.000	ppbv	# 0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.777	95	2022606	9.801	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.000%
Target Compounds						
					Qvalue	
10) Heptane	7.584	43	46305	0.344	ppbv	95
13) Ethanol	3.247	45	224646	41.940	ppbv	91
15) Acetone	3.481	43	302217m	2.427	ppbv	
19) Isopropyl Alcohol	3.591	45	108321	1.488	ppbv	# 1
20) Methylene Chloride	3.938	84	13594m	0.293	ppbv	
26) Hexane	5.221	57	153456	1.495	ppbv	# 42
36) Benzene	6.375	78	75329	0.350	ppbv	94
44) 2,2,4-Trimethylpentane	7.330	57	116761	0.325	ppbv	# 82
53) Toluene	9.221	91	406119	1.693	ppbv	100
58) Ethyl Benzene	12.082	91	59050m	0.191	ppbv	
59) m/p-Xylene	12.343	91	104335m	0.391	ppbv	
60) o-Xylene	13.063	91	35026m	0.139	ppbv	
61) Styrene	12.892	104	15041m	0.132	ppbv	

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

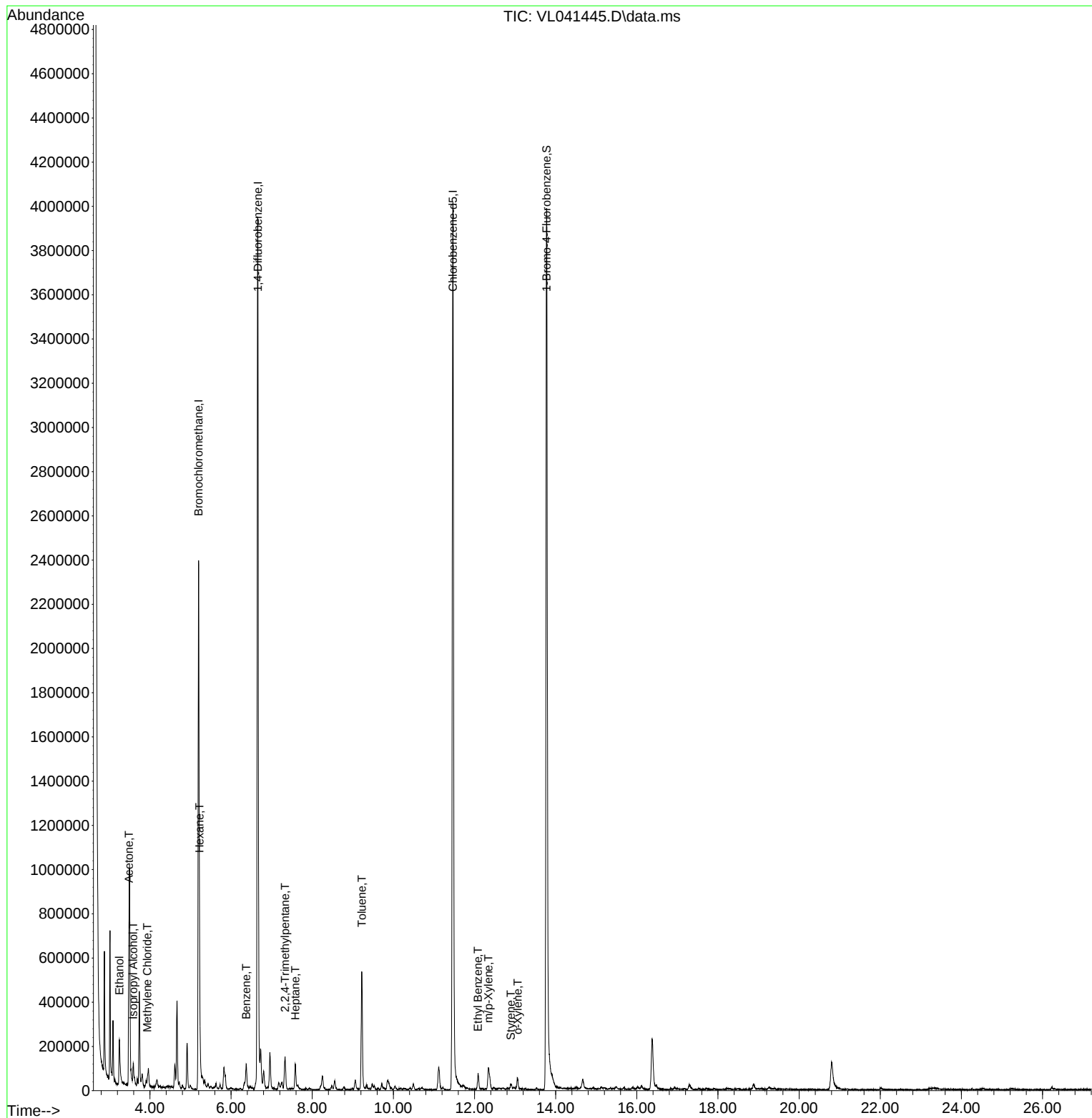
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072924\
Data File : VL041445.D
Acq On : 30 Jul 2024 1:51
Operator : SY/MD
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ALS Vial : 1 Sample Multiplier: 1

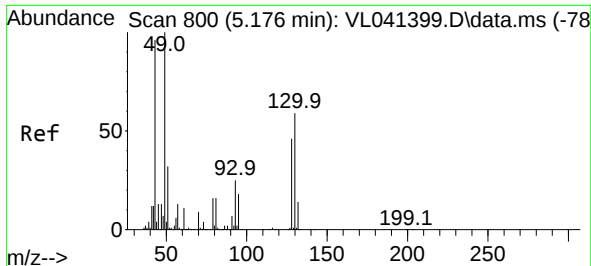
Instrument :
MSVOA_L
ClientSampleId :
ACVI-IA-04DL

Quant Time: Jul 30 02:57:56 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

Manual Integrations
APPROVED

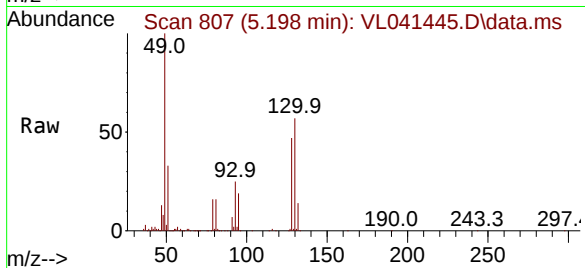
Reviewed By : Mahesh Dadoda 07/30/2024
Supervised By : Semsettin Yesilyurt 07/30/2024





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.198 min Scan# 800
Delta R.T. 0.019 min
Lab File: VL041445.D
Acq: 30 Jul 2024 1:51

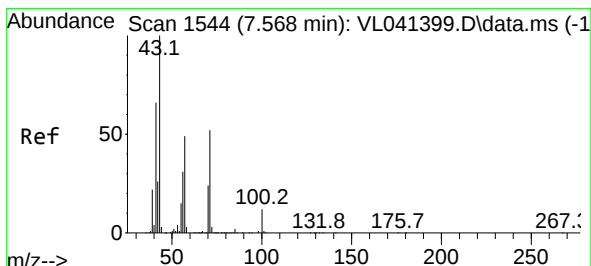
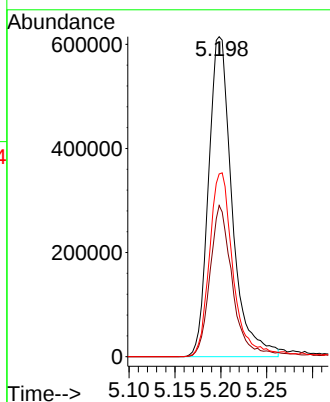
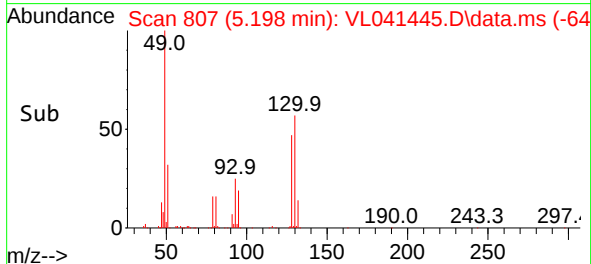
Instrument :
MSVOA_L
Client Sample Id :
ACVI-IA-04DL



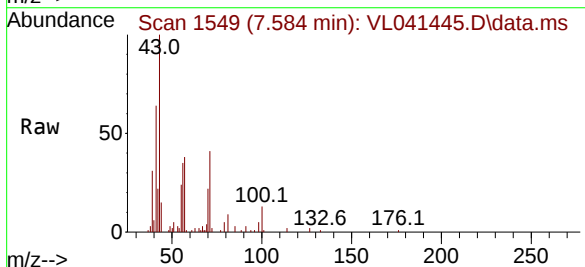
Tgt Ion: 49 Resp: 109585
Ion Ratio Lower Upper
49 100
128 46.9 23.8 71.4
130 59.4 30.8 92.4

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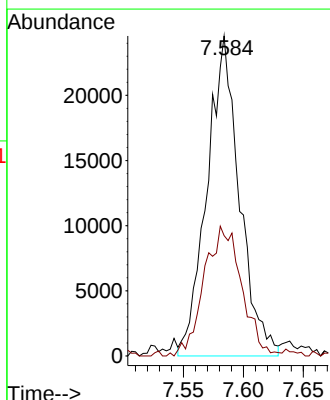
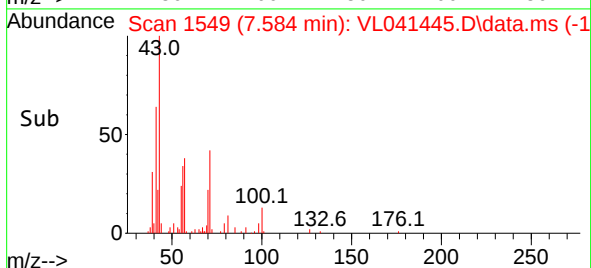
Reviewed By :Mahesh Dadoda 07/30/2024
Supervised By :Semsettin Yesilyurt 07/30/2024

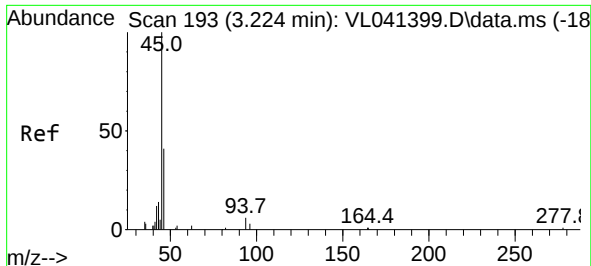


#10
Heptane
Concen: 0.344 ppbv
RT: 7.584 min Scan# 1549
Delta R.T. 0.013 min
Lab File: VL041445.D
Acq: 30 Jul 2024 1:51



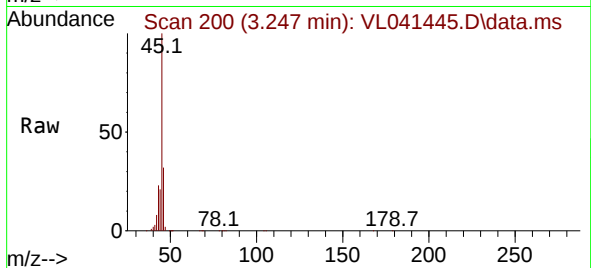
Tgt Ion: 43 Resp: 46305
Ion Ratio Lower Upper
43 100
57 47.4 40.5 60.7





#13
Ethanol
Concen: 41.940 ppbv
RT: 3.247 min Scan# 200
Delta R.T. 0.019 min
Lab File: VL041445.D
Acq: 30 Jul 2024 1:51

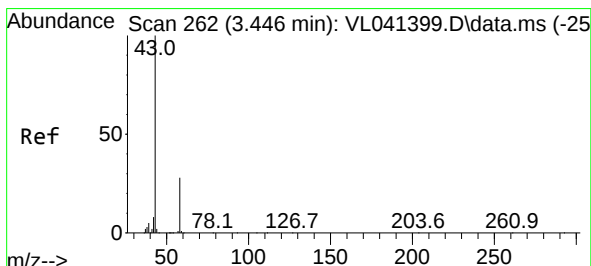
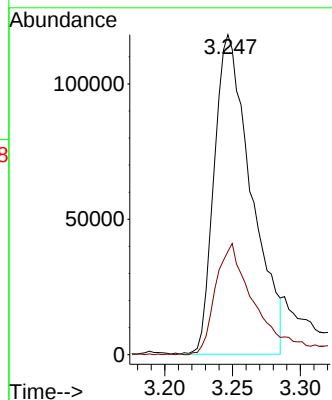
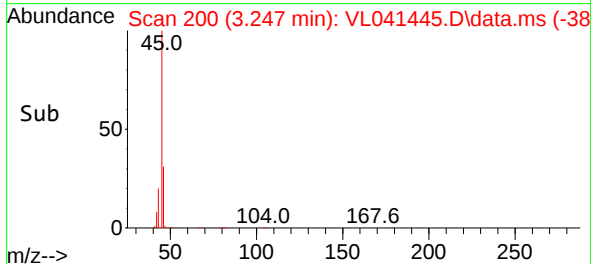
Instrument :
MSVOA_L
ClientSampleId :
ACVI-IA-04DL



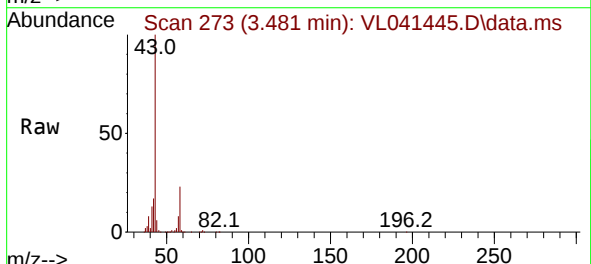
Tgt Ion: 45 Resp: 224640
Ion Ratio Lower Upper
45 100
46 38.8 13.4 53.4

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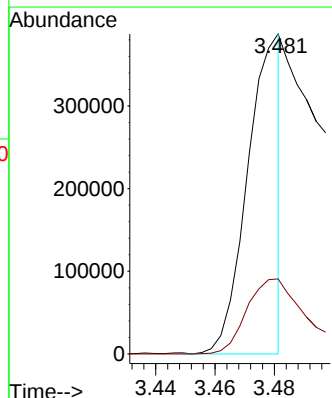
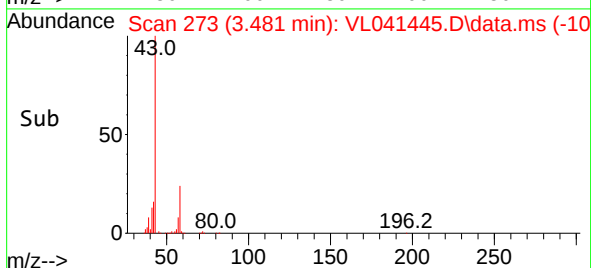
Reviewed By :Mahesh Dadoda 07/30/2024
Supervised By :Semsettin Yesilyurt 07/30/2024

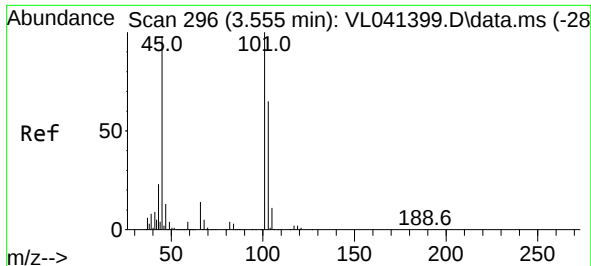


#15
Acetone
Concen: 2.427 ppbv m
RT: 3.481 min Scan# 273
Delta R.T. 0.029 min
Lab File: VL041445.D
Acq: 30 Jul 2024 1:51



Tgt Ion: 43 Resp: 302217
Ion Ratio Lower Upper
43 100
58 48.0 21.4 32.2#





#19

Isopropyl Alcohol

Concen: 1.488 ppbv

RT: 3.591 min Scan# 307

Delta R.T. 0.029 min

Lab File: VL041445.D

Acq: 30 Jul 2024 1:51

Instrument :

MSVOA_L

ClientSampleId :

ACVI-IA-04DL

Tgt Ion: 45 Resp: 10832

Ion Ratio Lower Upper

45 100

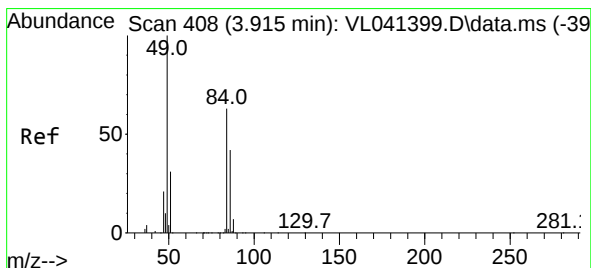
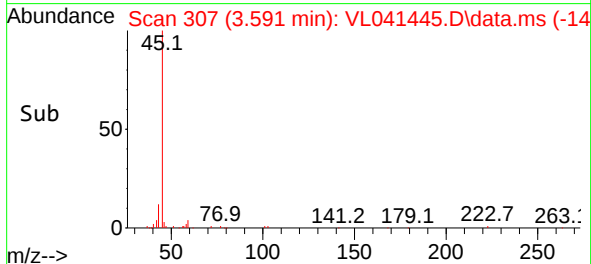
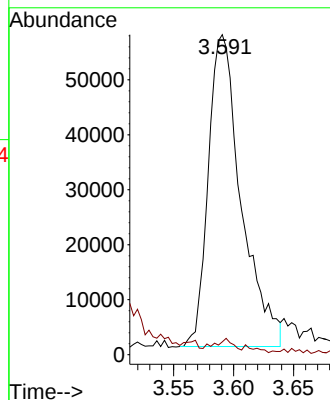
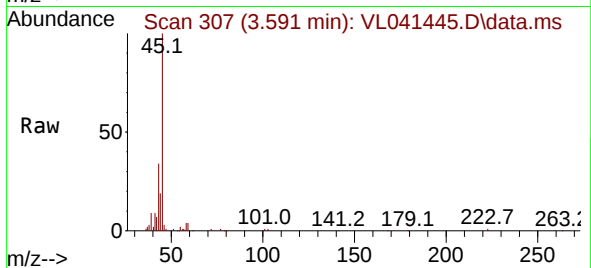
58 134.2 1.9 2.9

Manual Integrations

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Reviewed By :Mahesh Dadoda 07/30/2024

Supervised By :Semsettin Yesilyurt 07/30/2024



#20

Methylene Chloride

Concen: 0.293 ppbv m

RT: 3.938 min Scan# 415

Delta R.T. 0.019 min

Lab File: VL041445.D

Acq: 30 Jul 2024 1:51

Tgt Ion: 84 Resp: 13594

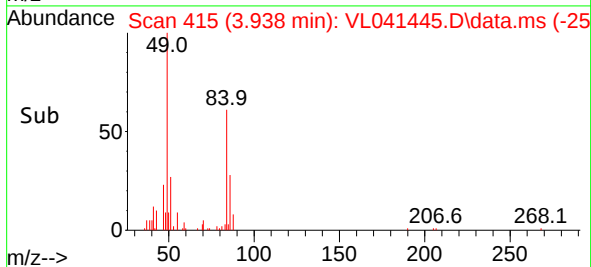
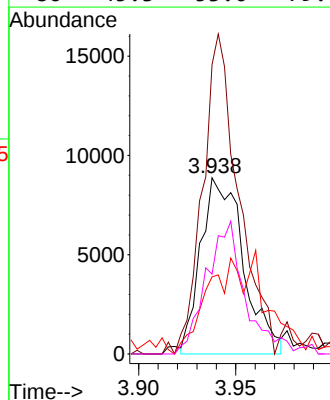
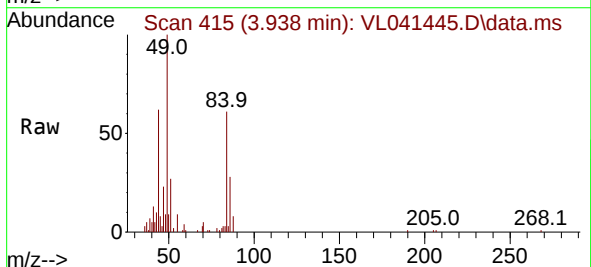
Ion Ratio Lower Upper

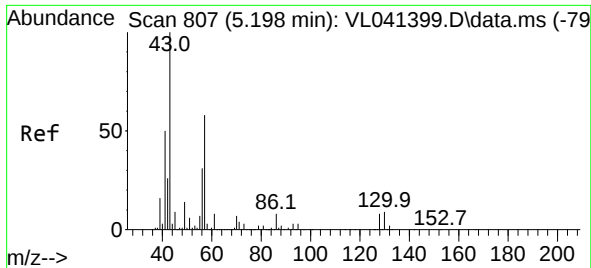
84 100

49 164.3 126.6 190.0

51 43.8 38.6 58.0

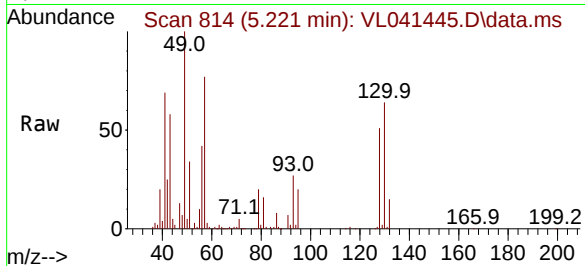
86 45.3 53.0 79.4





#26
Hexane
Concen: 1.495 ppbv
RT: 5.221 min Scan# 814
Delta R.T. 0.022 min
Lab File: VL041445.D
Acq: 30 Jul 2024 1:51

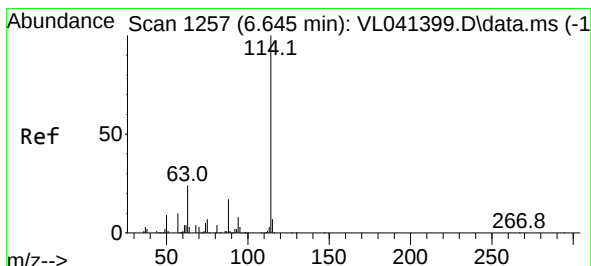
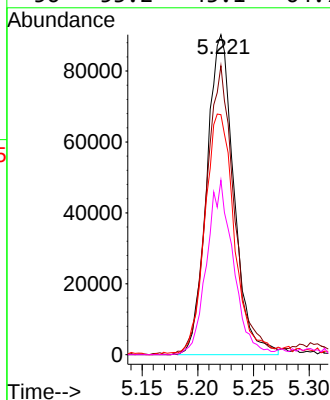
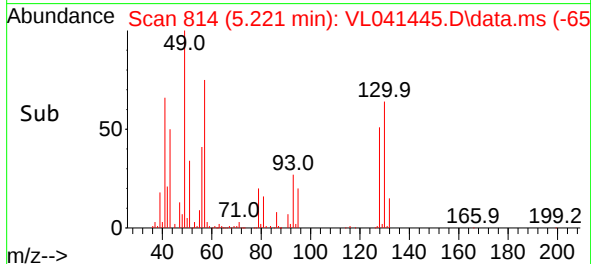
Instrument :
MSVOA_L
ClientSampleId :
ACVI-IA-04DL



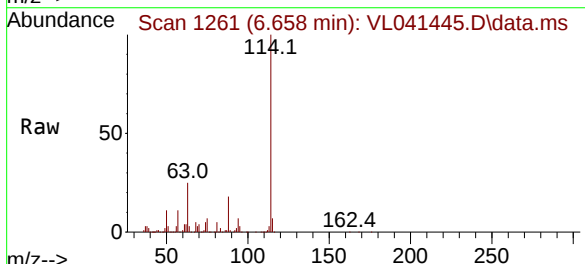
Tgt Ion: 57 Resp: 153450
Ion Ratio Lower Upper
57 100
41 93.1 74.0 111.0
43 84.0 193.6 290.4
56 53.2 43.1 64.7

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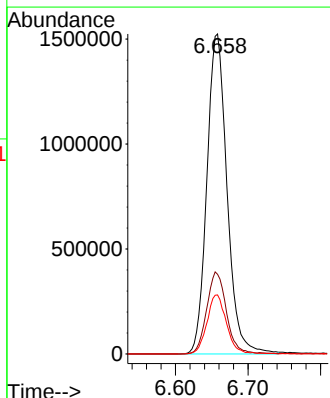
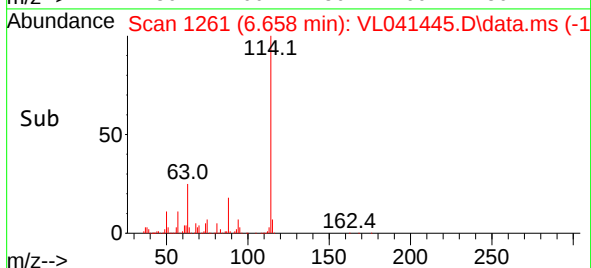
Reviewed By :Mahesh Dadoda 07/30/2024
Supervised By :Semsettin Yesilyurt 07/30/2024

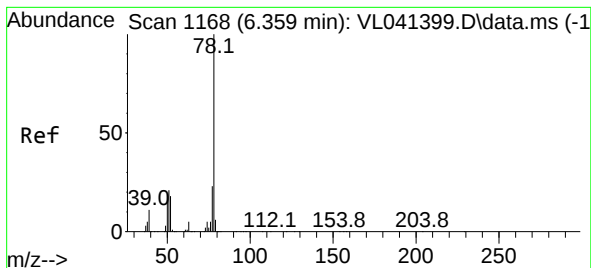


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.658 min Scan# 1261
Delta R.T. 0.013 min
Lab File: VL041445.D
Acq: 30 Jul 2024 1:51



Tgt Ion:114 Resp: 2946986
Ion Ratio Lower Upper
114 100
63 25.3 20.3 30.5
88 18.0 14.3 21.5





#36

Benzene

Concen: 0.350 ppbv

RT: 6.375 min Scan# 1168

Delta R.T. 0.016 min

Lab File: VL041445.D

Acq: 30 Jul 2024 1:51

Instrument :

MSVOA_L

ClientSampleId :

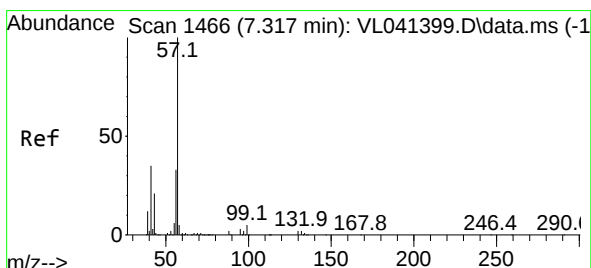
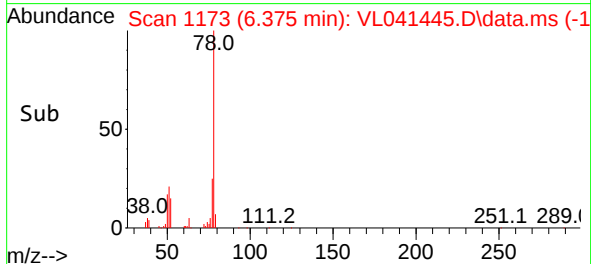
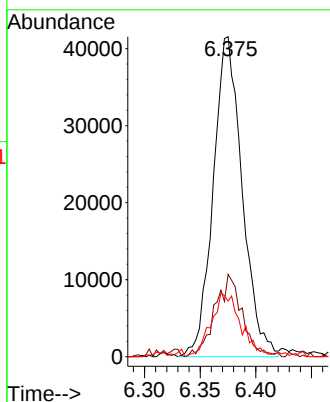
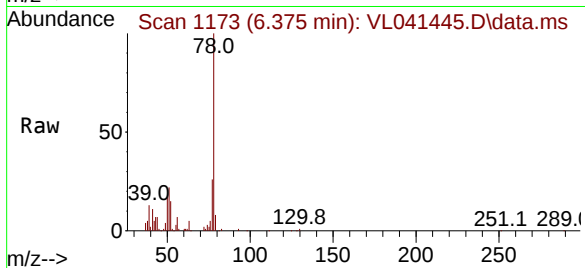
ACVI-IA-04DL

Tgt Ion: 78	Resp: 75329
Ion Ratio	Lower Upper
78 100	
77 24.5	18.1 27.1
50 16.0	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: 0.325 ppbv

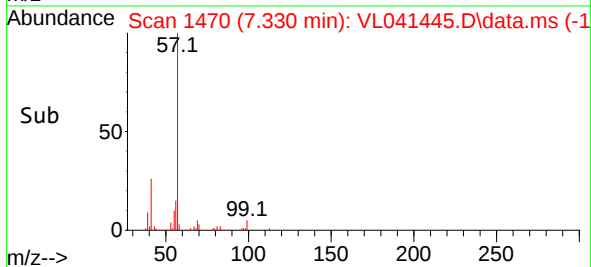
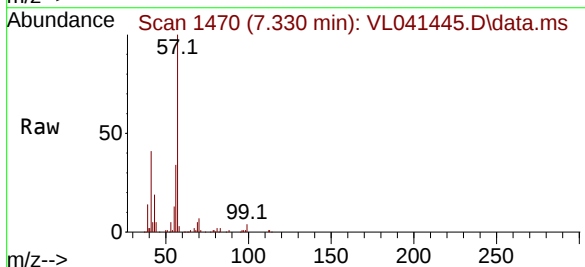
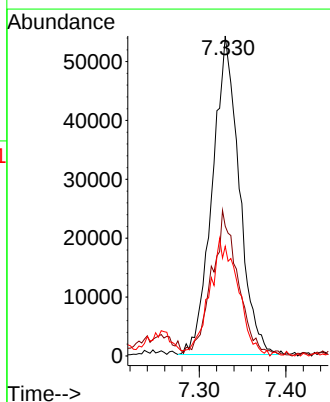
RT: 7.330 min Scan# 1470

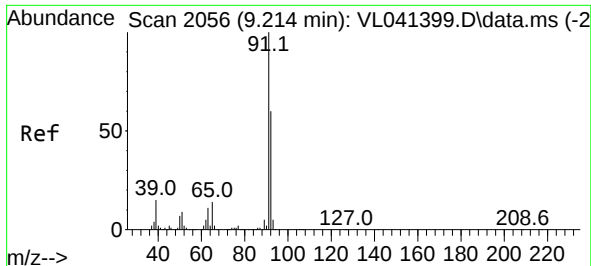
Delta R.T. 0.013 min

Lab File: VL041445.D

Acq: 30 Jul 2024 1:51

Tgt Ion: 57	Resp: 116761
Ion Ratio	Lower Upper
57 100	
41 45.4	27.0 40.6#
56 39.5	25.2 37.8#





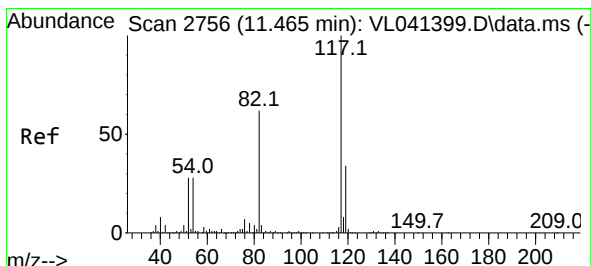
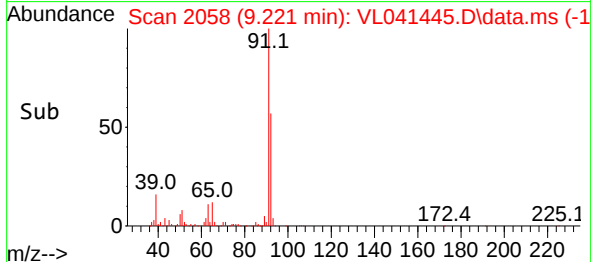
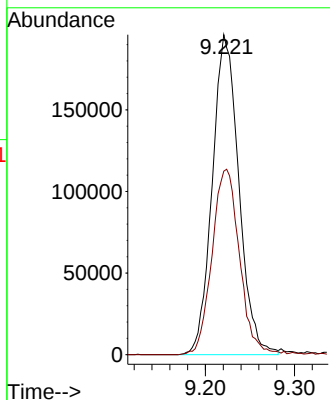
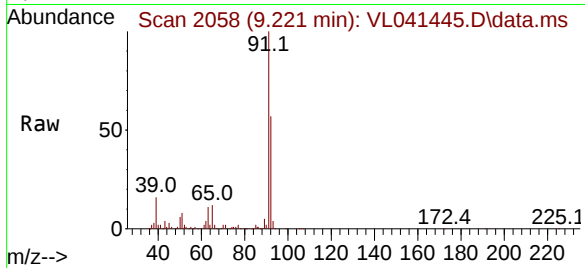
#53
Toluene
Concen: 1.693 ppbv
RT: 9.221 min Scan# 2056
Delta R.T. 0.003 min
Lab File: VL041445.D
Acq: 30 Jul 2024 1:51

Instrument :
MSVOA_L
ClientSampleId :
ACVI-IA-04DL

Tgt Ion: 91 Resp: 406119
Ion Ratio Lower Upper
91 100
92 60.6 48.7 73.1

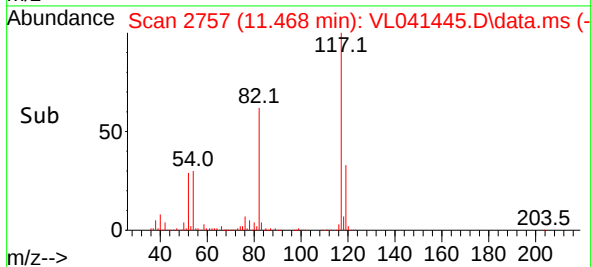
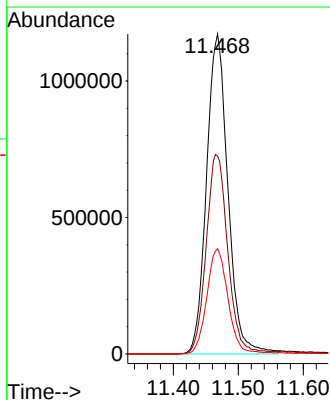
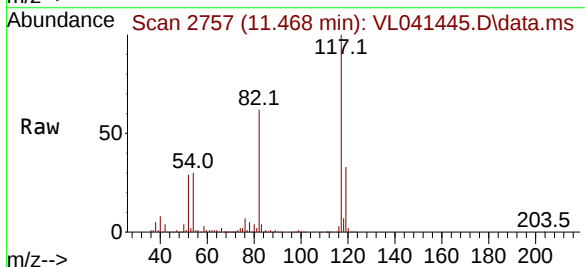
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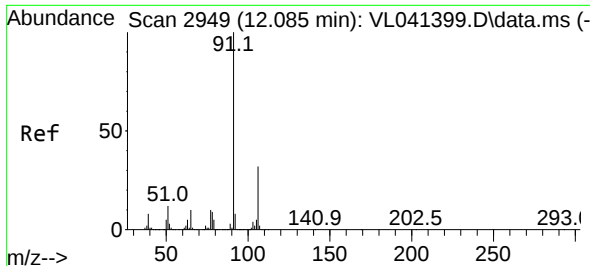
Reviewed By :Mahesh Dadoda 07/30/2024
Supervised By :Semsettin Yesilyurt 07/30/2024



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.468 min Scan# 2757
Delta R.T. 0.003 min
Lab File: VL041445.D
Acq: 30 Jul 2024 1:51

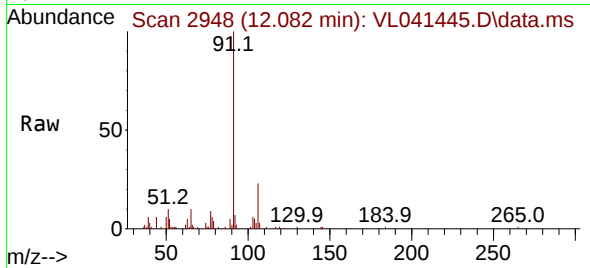
Tgt Ion:117 Resp: 2681688
Ion Ratio Lower Upper
117 100
82 64.2 51.0 76.6
119 33.1 45.2 67.8#





#58
Ethyl Benzene
Concen: 0.191 ppbv m
RT: 12.082 min Scan# 2949
Delta R.T. -0.003 min
Lab File: VL041445.D
Acq: 30 Jul 2024 1:51

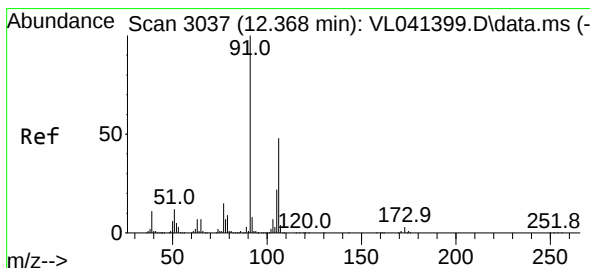
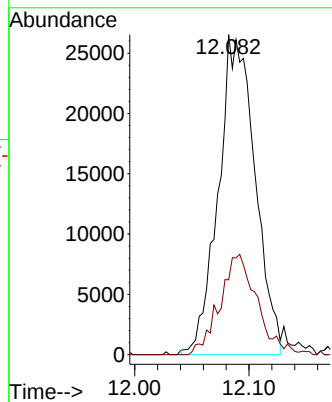
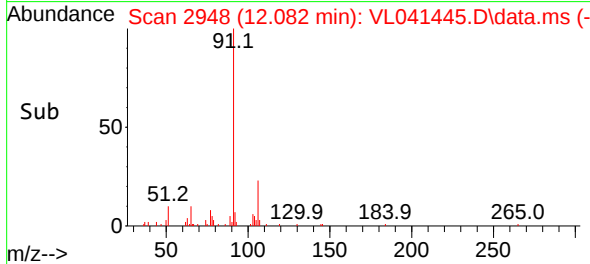
Instrument :
MSVOA_L
ClientSampleId :
ACVI-IA-04DL



Tgt Ion: 91 Resp: 59050
Ion Ratio Lower Upper
91 100
106 23.4 25.8 38.8

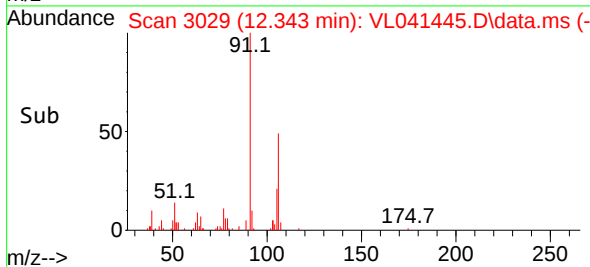
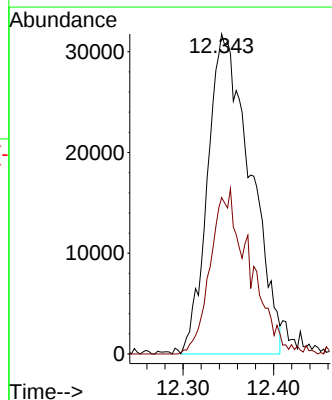
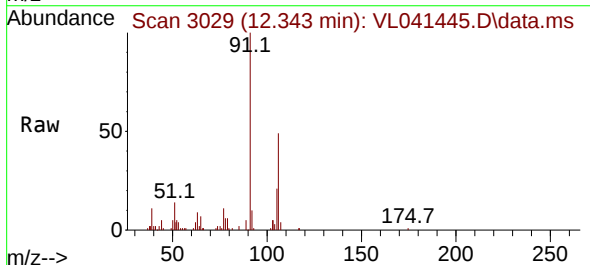
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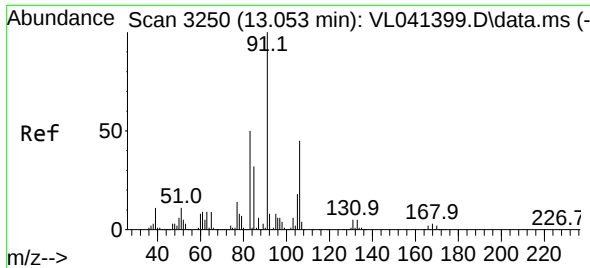
Reviewed By :Mahesh Dadoda 07/30/2024
Supervised By :Semsettin Yesilyurt 07/30/2024



#59
m/p-Xylene
Concen: 0.391 ppbv m
RT: 12.343 min Scan# 3029
Delta R.T. -0.026 min
Lab File: VL041445.D
Acq: 30 Jul 2024 1:51

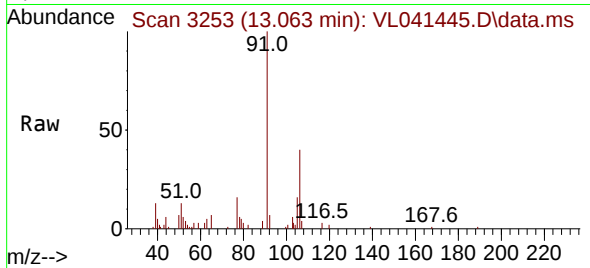
Tgt Ion: 91 Resp: 104335
Ion Ratio Lower Upper
91 100
106 0.0 36.3 54.5





#60
o-Xylene
Concen: 0.139 ppbv m
RT: 13.063 min Scan# 31
Delta R.T. 0.006 min
Lab File: VL041445.D
Acq: 30 Jul 2024 1:51

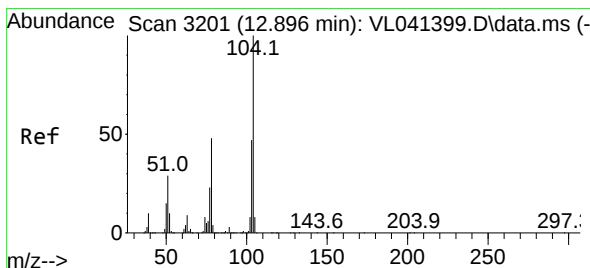
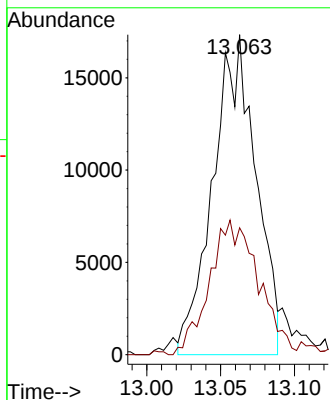
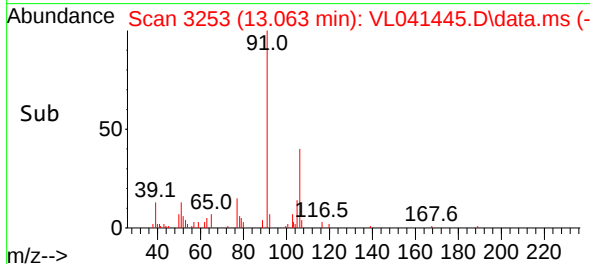
Instrument :
MSVOA_L
ClientSampleId :
ACVI-IA-04DL



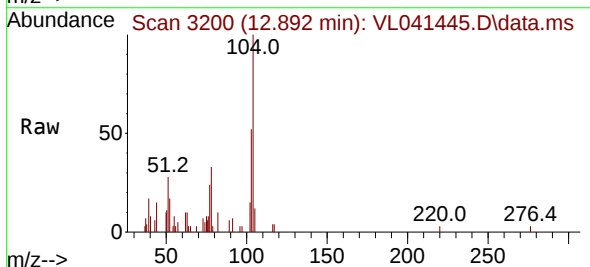
Tgt Ion: 91 Resp: 35020
Ion Ratio Lower Upper
91 100
106 0.0 23.1 69.3

Manual Integrations
APPROVED

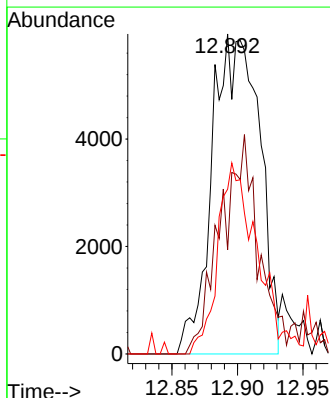
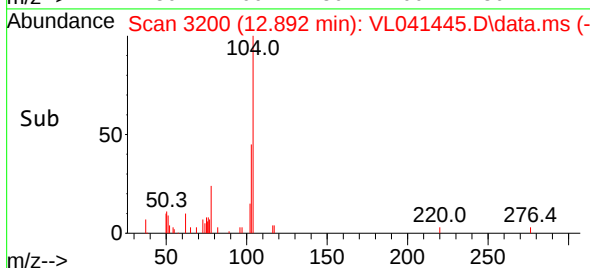
Reviewed By :Mahesh Dadoda 07/30/2024
Supervised By :Semsettin Yesilyurt 07/30/2024

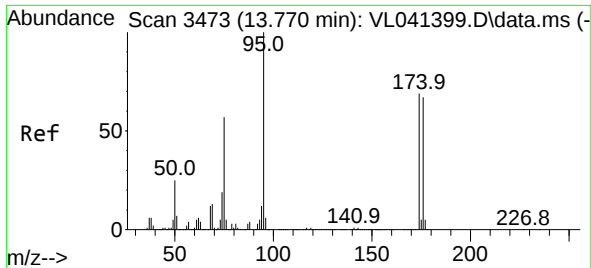


#61
Styrene
Concen: 0.132 ppbv m
RT: 12.892 min Scan# 3200
Delta R.T. -0.003 min
Lab File: VL041445.D
Acq: 30 Jul 2024 1:51



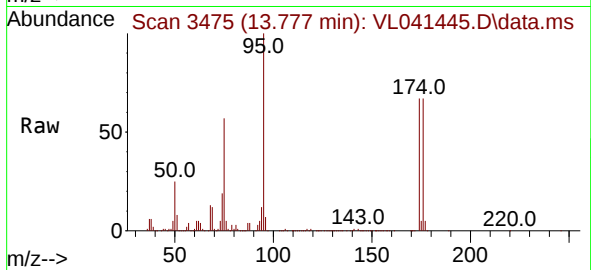
Tgt Ion:104 Resp: 15041
Ion Ratio Lower Upper
104 100
78 59.2 40.8 61.2
103 0.0 38.2 57.4





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.801 ppbv
 RT: 13.777 min Scan# 3475
 Delta R.T. 0.003 min
 Lab File: VL041445.D
 Acq: 30 Jul 2024 1:51

Instrument :
 MSVOA_L
 ClientSampleId :
 ACVI-IA-04DL



Tgt Ion: 95 Resp: 2022600

Ion	Ratio	Lower	Upper
95	100		
174	70.5	56.3	84.5
175	5.2	4.0	6.0

Manual Integrations
 APPROVED

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

