

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072924\
 Data File : VL041430.D
 Acq On : 29 Jul 2024 15:37
 Operator : SY/MD
 Sample : P3342-03DL 20X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ACVI-SS-03DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 30 02:50:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri 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	5.189	49	1064675	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.651	114	3012374	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.471	117	2784168	10.000	ppbv	# 0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.780	95	2130827	9.945	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.500%
Target Compounds						
					Qvalue	
10) Heptane	7.587	43	30307m	0.232	ppbv	
13) Ethanol	3.240	45	169857	32.640	ppbv	93
15) Acetone	3.472	43	165121m	1.365	ppbv	
19) Isopropyl Alcohol	3.581	45	80509	1.138	ppbv #	91
20) Methylene Chloride	3.931	84	88651	1.965	ppbv	93
26) Hexane	5.211	57	170054	1.706	ppbv #	40
29) Chloroform	5.269	83	96342	0.592	ppbv	88
34) 2-Butanone	4.796	43	18986m	0.130	ppbv	
36) Benzene	6.372	78	73126	0.332	ppbv	98
44) 2,2,4-Trimethylpentane	7.320	57	44142m	0.120	ppbv	
53) Toluene	9.224	91	322040	1.313	ppbv	98
58) Ethyl Benzene	12.098	91	49068m	0.153	ppbv	
59) m/p-Xylene	12.349	91	140844	0.508	ppbv	98
60) o-Xylene	13.066	91	42325m	0.162	ppbv	

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

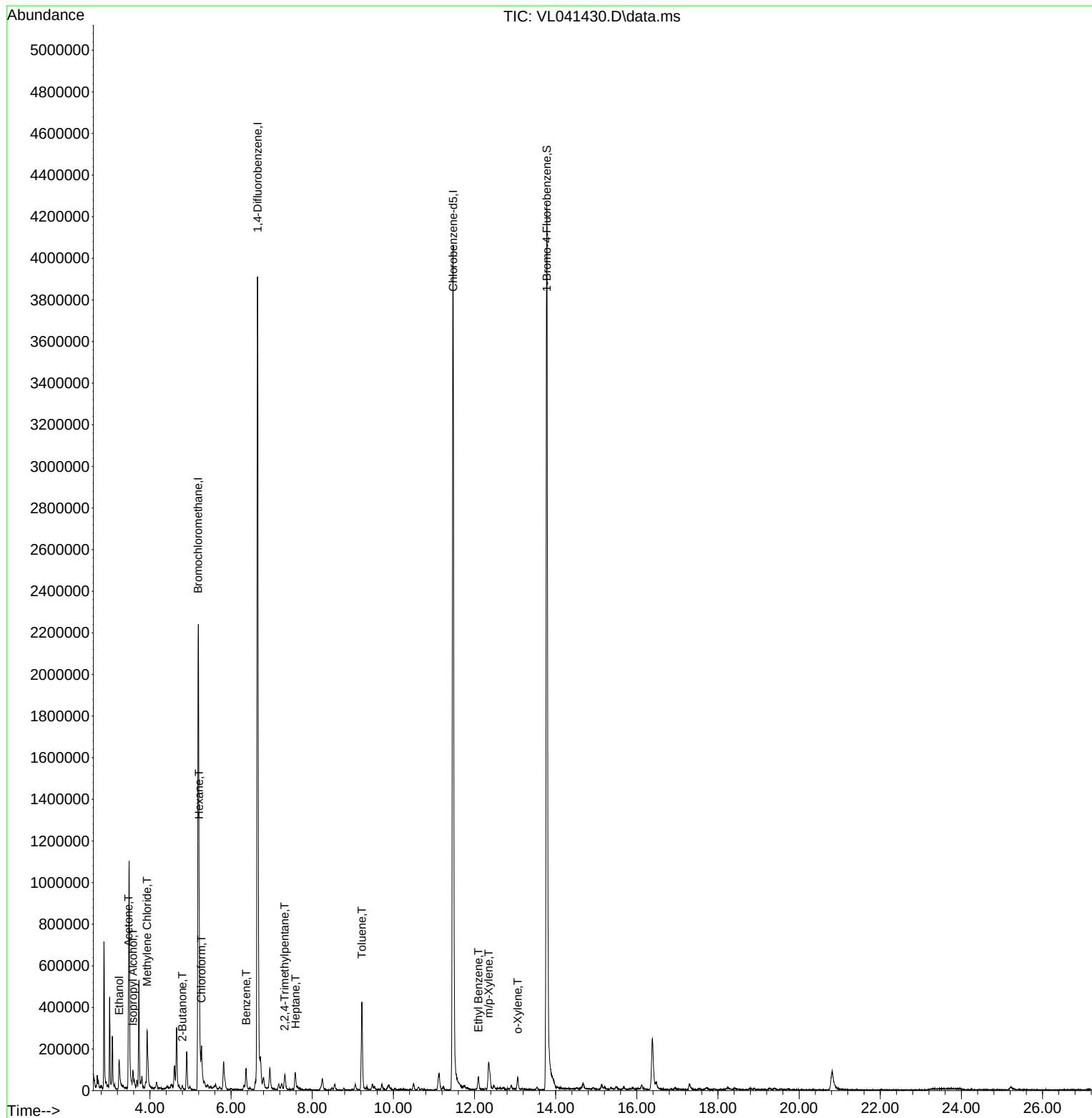
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072924\
Data File : VL041430.D
Acq On : 29 Jul 2024 15:37
Operator : SY/MD
Sample : P3342-03DL 20X
Misc : 400mL/MSVOA_L
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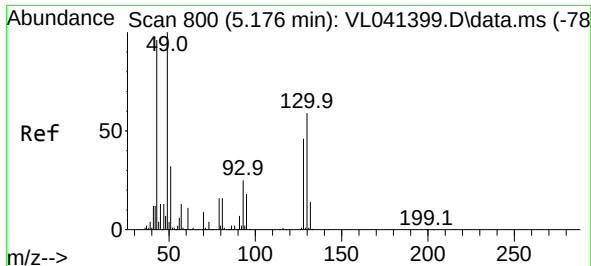
Instrument :
MSVOA_L
ClientSampleId :
ACVI-SS-03DL

Quant Time: Jul 30 02:50:37 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
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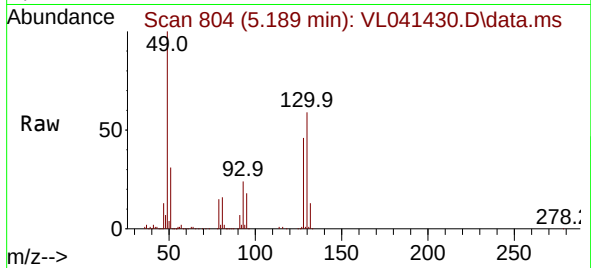
Reviewed By : Mahesh Dadoda 07/30/2024
Supervised By : Semsettin Yesilyurt 07/30/2024





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.189 min Scan# 800
Delta R.T. 0.010 min
Lab File: VL041430.D
Acq: 29 Jul 2024 15:37

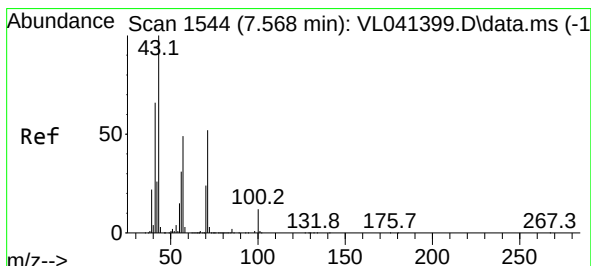
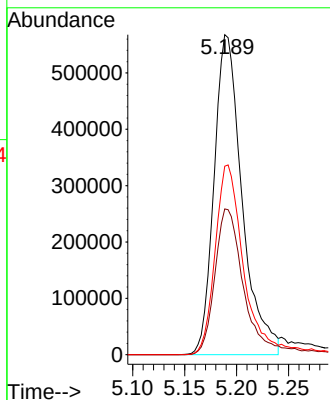
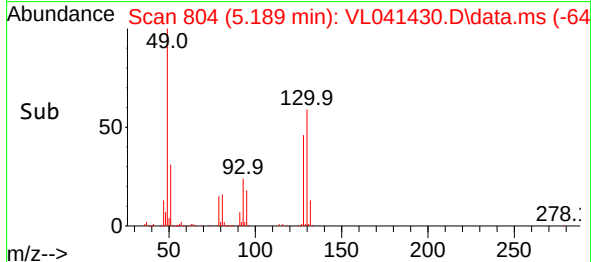
Instrument :
MSVOA_L
ClientSampleId :
ACVI-SS-03DL



Tgt Ion: 49 Resp: 106467
Ion Ratio Lower Upper
49 100
128 49.2 23.8 71.4
130 63.0 30.8 92.4

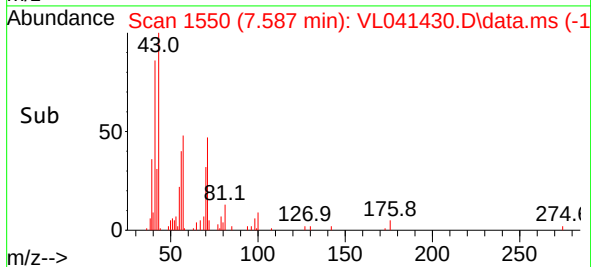
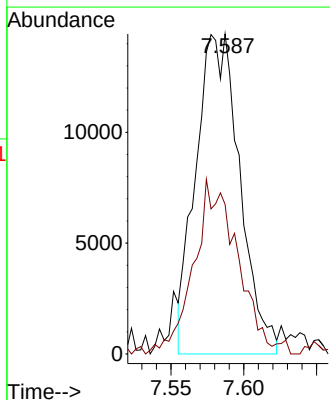
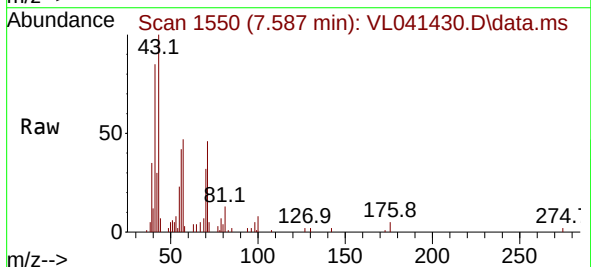
Manual Integrations
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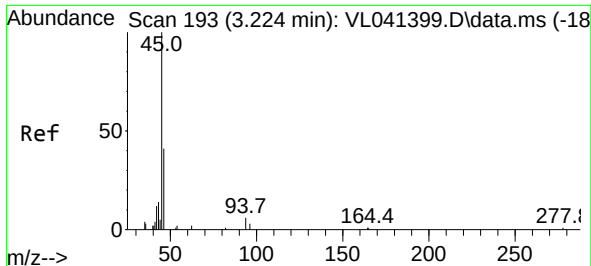
Reviewed By :Mahesh Dadoda 07/30/2024
Supervised By :Semsettin Yesilyurt 07/30/2024



#10
Heptane
Concen: 0.232 ppbv m
RT: 7.587 min Scan# 1550
Delta R.T. 0.016 min
Lab File: VL041430.D
Acq: 29 Jul 2024 15:37

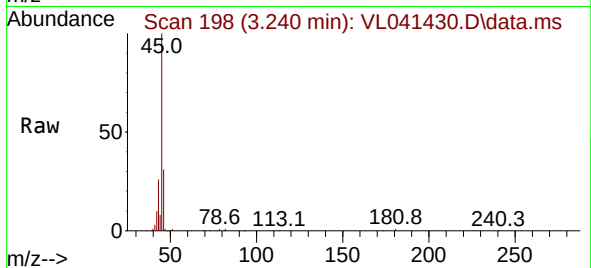
Tgt Ion: 43 Resp: 30307
Ion Ratio Lower Upper
43 100
57 0.0 40.5 60.7#





#13
Ethanol
Concen: 32.640 ppbv
RT: 3.240 min Scan# 19
Delta R.T. 0.013 min
Lab File: VL041430.D
Acq: 29 Jul 2024 15:37

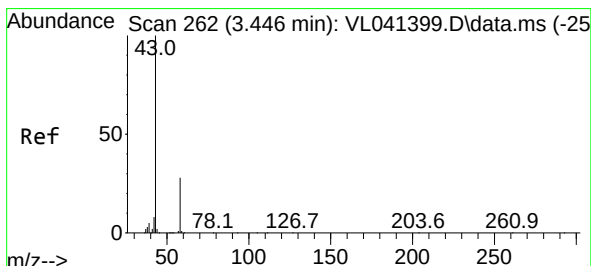
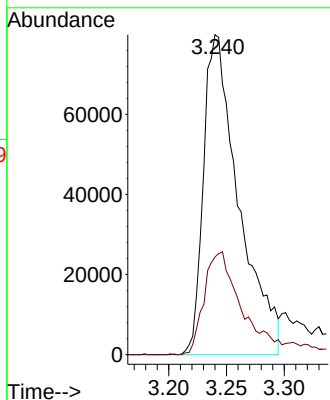
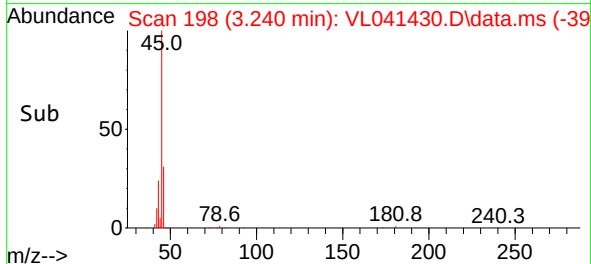
Instrument :
MSVOA_L
ClientSampleId :
ACVI-SS-03DL



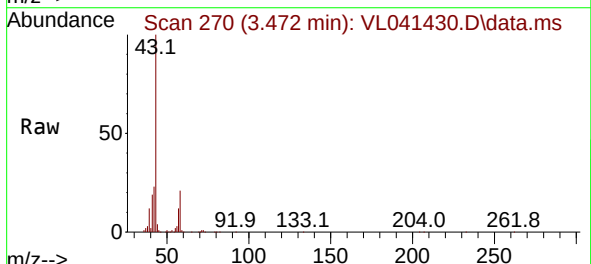
Tgt Ion: 45 Resp: 16985
Ion Ratio Lower Upper
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46 37.5 13.4 53.4

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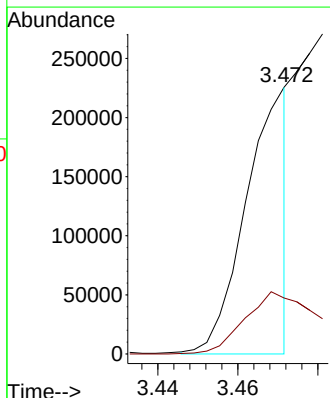
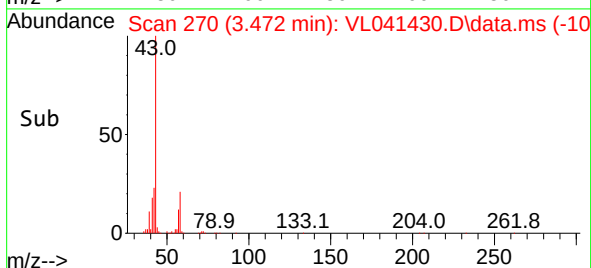
Reviewed By :Mahesh Dadoda 07/30/2024
Supervised By :Semsettin Yesilyurt 07/30/2024

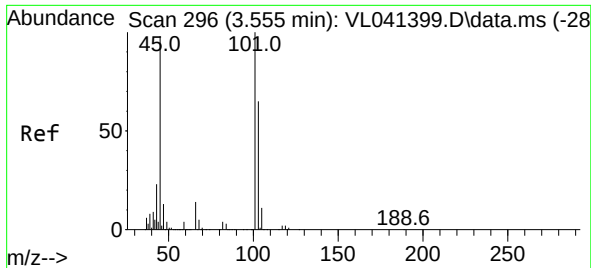


#15
Acetone
Concen: 1.365 ppbv m
RT: 3.472 min Scan# 270
Delta R.T. 0.019 min
Lab File: VL041430.D
Acq: 29 Jul 2024 15:37



Tgt Ion: 43 Resp: 165121
Ion Ratio Lower Upper
43 100
58 56.2 21.4 32.2#





#19

Isopropyl Alcohol

Concen: 1.138 ppbv

RT: 3.581 min Scan# 304

Delta R.T. 0.019 min

Lab File: VL041430.D

Acq: 29 Jul 2024 15:37

Instrument :

MSVOA_L

ClientSampleId :

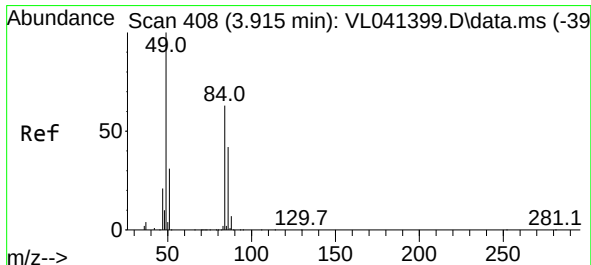
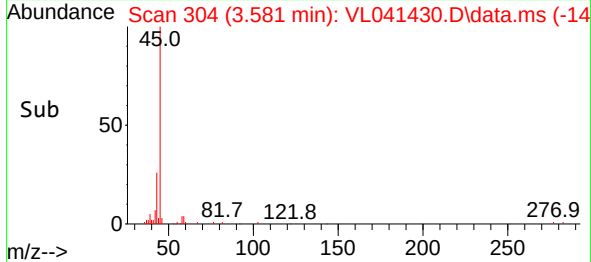
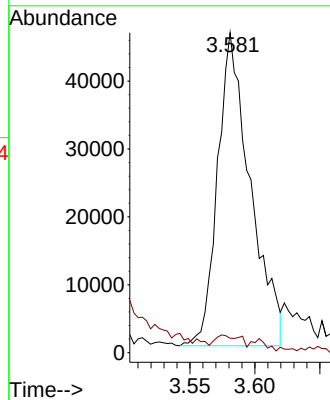
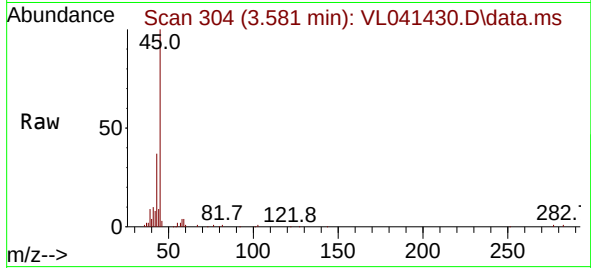
ACVI-SS-03DL

Tgt Ion:	45	Resp:	80509
Ion Ratio	Lower	Upper	
45	100		
58	5.6	1.9	2.9

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Supervised By :Semsettin Yesilyurt 07/30/2024



#20

Methylene Chloride

Concen: 1.965 ppbv

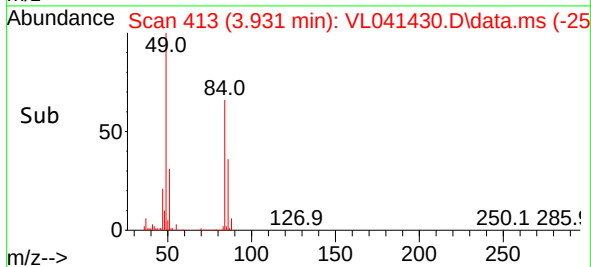
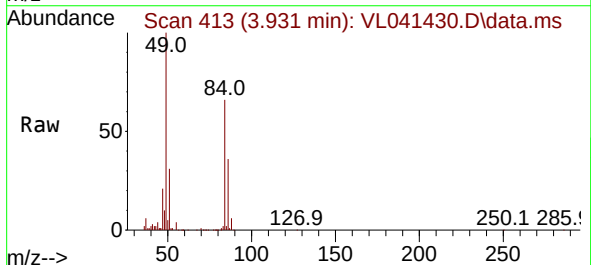
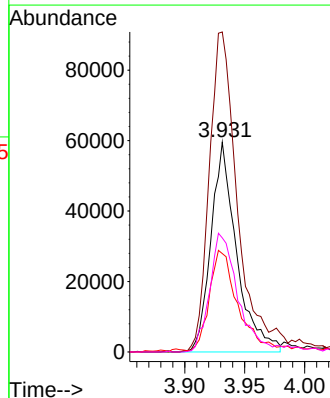
RT: 3.931 min Scan# 413

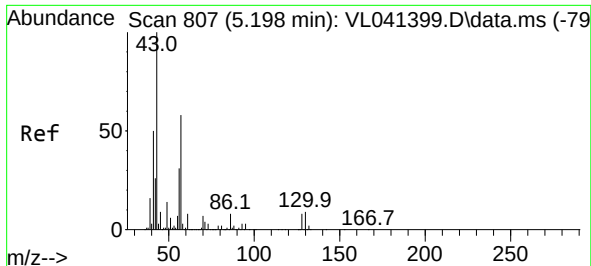
Delta R.T. 0.013 min

Lab File: VL041430.D

Acq: 29 Jul 2024 15:37

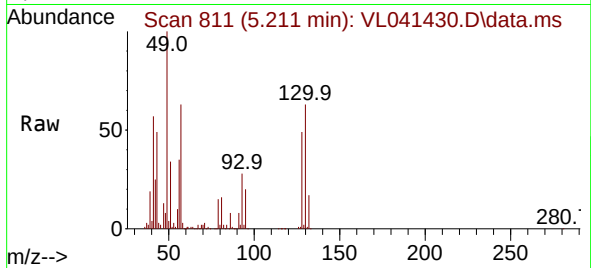
Tgt Ion:	84	Resp:	88651
Ion Ratio	Lower	Upper	
84	100		
49	152.6	126.6	190.0
51	45.9	38.6	58.0
86	54.4	53.0	79.4





#26
Hexane
Concen: 1.706 ppbv
RT: 5.211 min Scan# 811
Delta R.T. 0.013 min
Lab File: VL041430.D
Acq: 29 Jul 2024 15:37

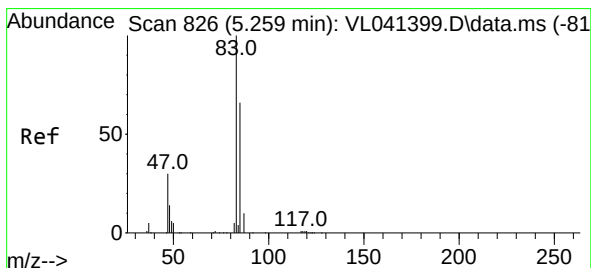
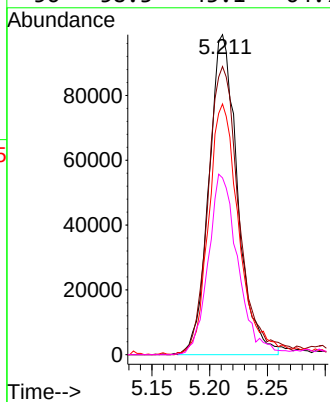
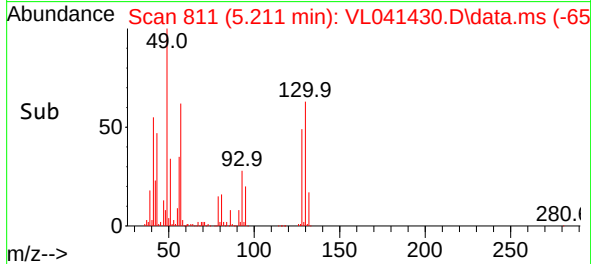
Instrument :
MSVOA_L
ClientSampleId :
ACVI-SS-03DL



Tgt Ion: 57 Resp: 170054
Ion Ratio Lower Upper
57 100
41 101.1 74.0 111.0
43 87.0 193.6 290.4
56 58.3 43.1 64.7

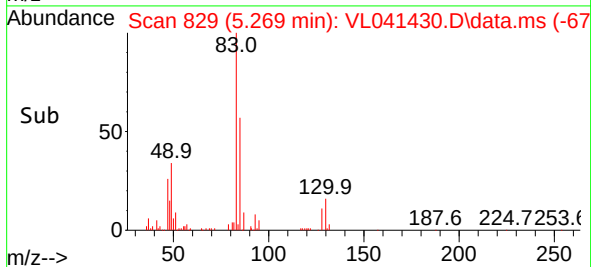
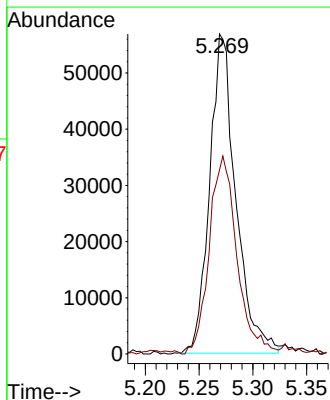
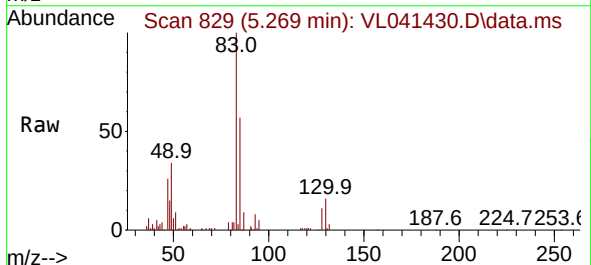
Manual Integrations
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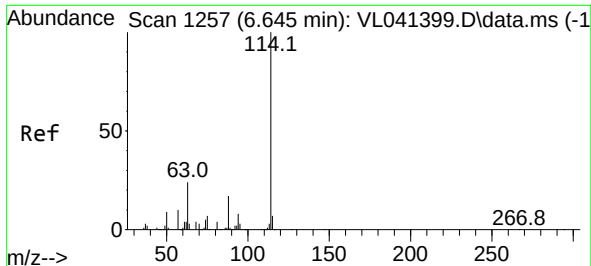
Reviewed By :Mahesh Dadoda 07/30/2024
Supervised By :Semsettin Yesilyurt 07/30/2024



#29
Chloroform
Concen: 0.592 ppbv
RT: 5.269 min Scan# 829
Delta R.T. 0.006 min
Lab File: VL041430.D
Acq: 29 Jul 2024 15:37

Tgt Ion: 83 Resp: 96342
Ion Ratio Lower Upper
83 100
85 56.9 53.1 79.7





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.651 min Scan# 114

Delta R.T. 0.006 min

Lab File: VL041430.D

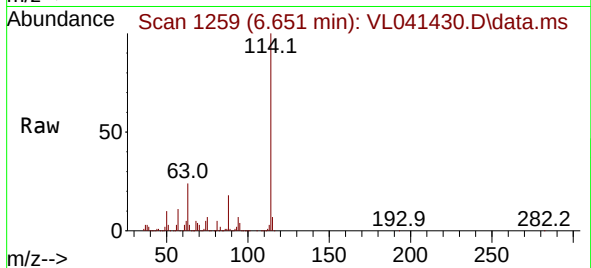
Acq: 29 Jul 2024 15:37

Instrument :

MSVOA_L

ClientSampleId :

ACVI-SS-03DL



Tgt Ion:114 Resp: 3012374

Ion Ratio Lower Upper

114 100

63 25.3 20.3 30.5

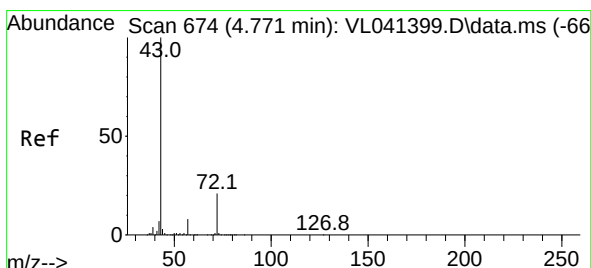
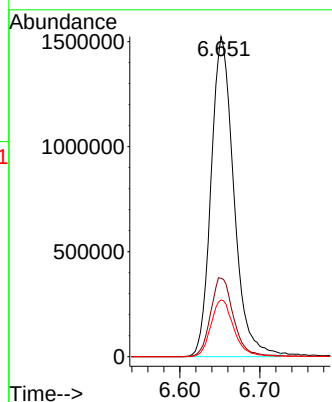
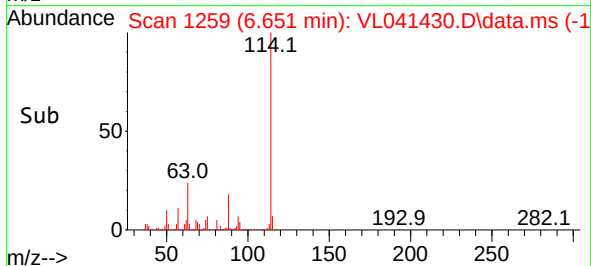
88 18.0 14.3 21.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/30/2024

Supervised By :Semsettin Yesilyurt 07/30/2024



#34

2-Butanone

Concen: 0.130 ppbv m

RT: 4.796 min Scan# 682

Delta R.T. 0.022 min

Lab File: VL041430.D

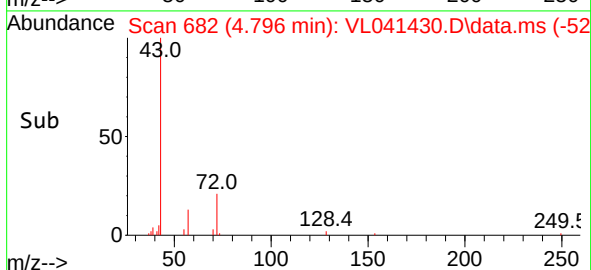
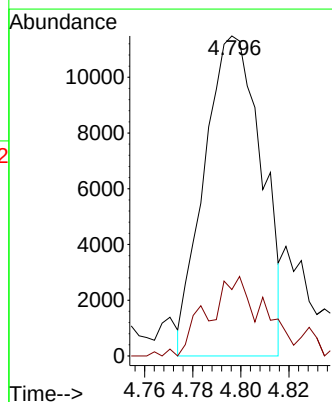
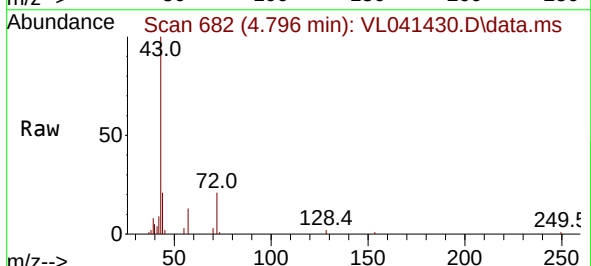
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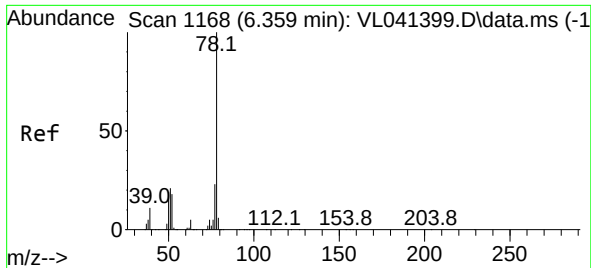
Tgt Ion: 43 Resp: 18986

Ion Ratio Lower Upper

43 100

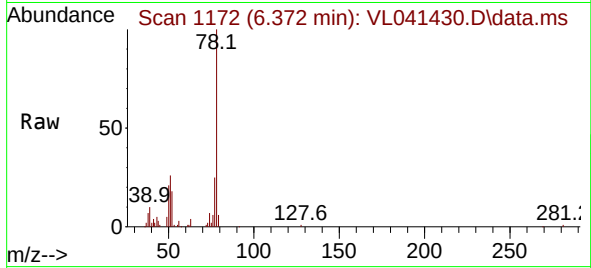
72 0.0 17.3 25.9#





#36
Benzene
Concen: 0.332 ppbv
RT: 6.372 min Scan# 1172
Delta R.T. 0.013 min
Lab File: VL041430.D
Acq: 29 Jul 2024 15:37

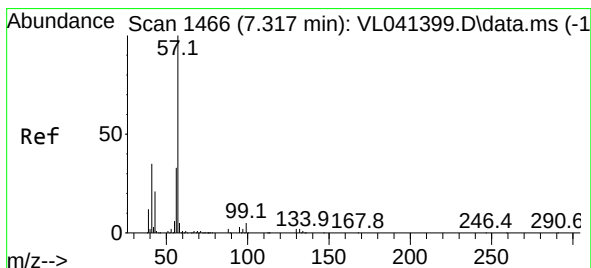
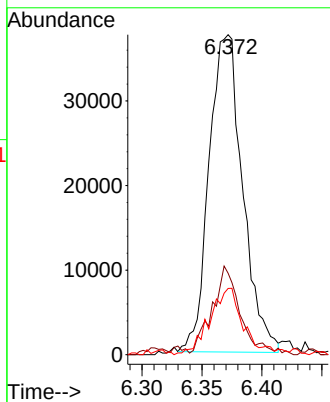
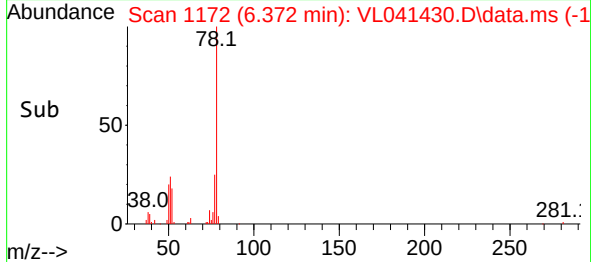
Instrument :
MSVOA_L
ClientSampleId :
ACVI-SS-03DL



Tgt Ion: 78 Resp: 73120
Ion Ratio Lower Upper
78 100
77 23.6 18.1 27.1
50 20.3 15.5 23.3

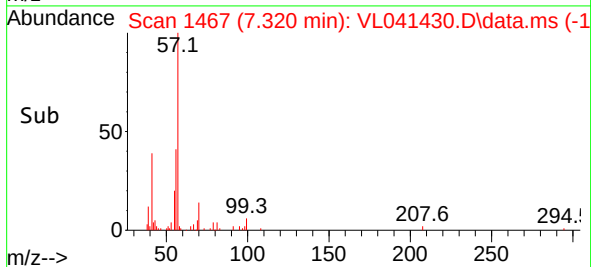
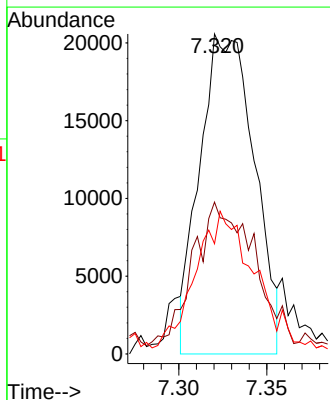
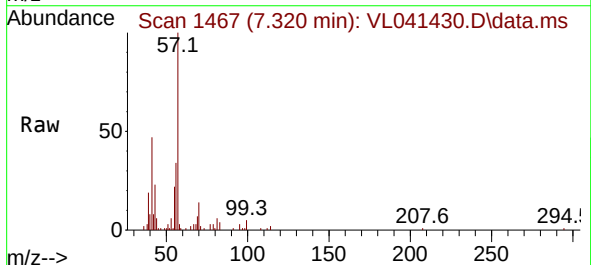
Manual Integrations
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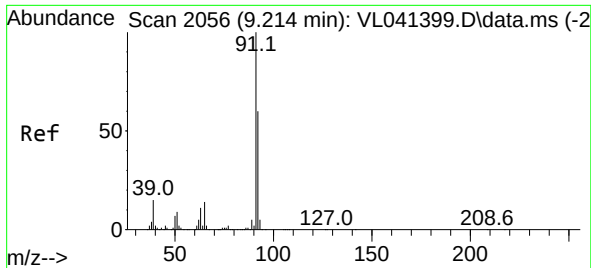
Reviewed By :Mahesh Dadoda 07/30/2024
Supervised By :Semsettin Yesilyurt 07/30/2024



#44
2,2,4-Trimethylpentane
Concen: 0.120 ppbv m
RT: 7.320 min Scan# 1467
Delta R.T. 0.003 min
Lab File: VL041430.D
Acq: 29 Jul 2024 15:37

Tgt Ion: 57 Resp: 44142
Ion Ratio Lower Upper
57 100
41 59.7 27.0 40.6#
56 52.5 25.2 37.8#





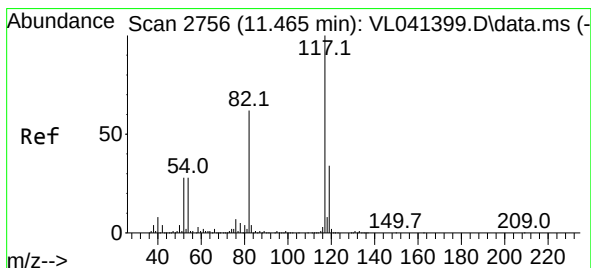
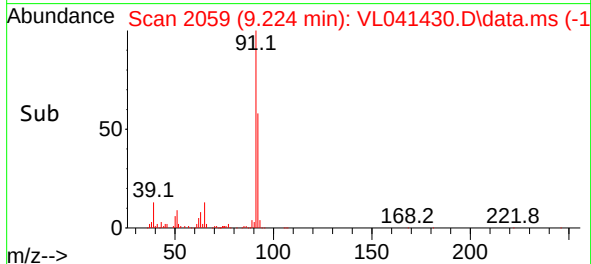
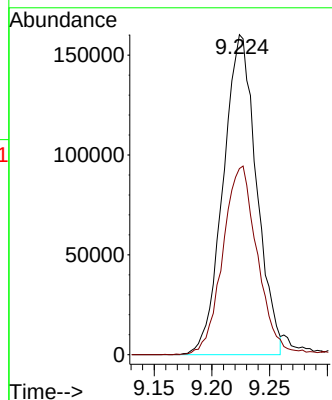
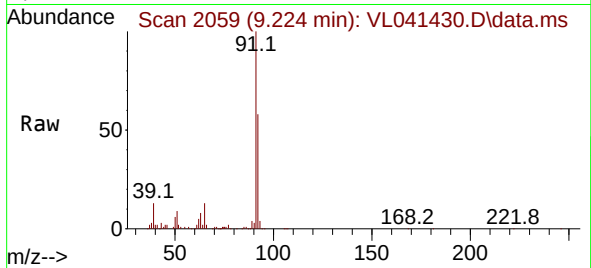
#53
Toluene
Concen: 1.313 ppbv
RT: 9.224 min Scan# 2056
Delta R.T. 0.006 min
Lab File: VL041430.D
Acq: 29 Jul 2024 15:37

Instrument :
MSVOA_L
ClientSampleId :
ACVI-SS-03DL

Tgt Ion: 91 Resp: 322040
Ion Ratio Lower Upper
91 100
92 62.1 48.7 73.1

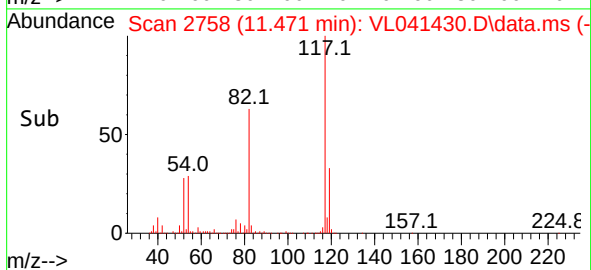
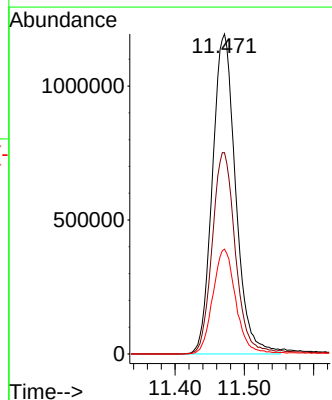
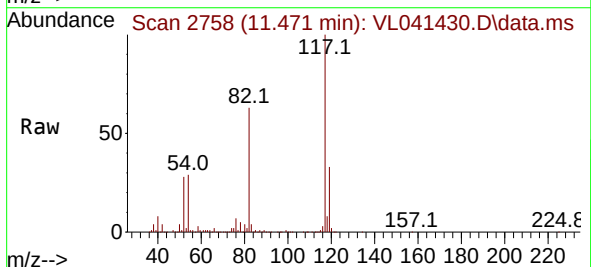
Manual Integrations
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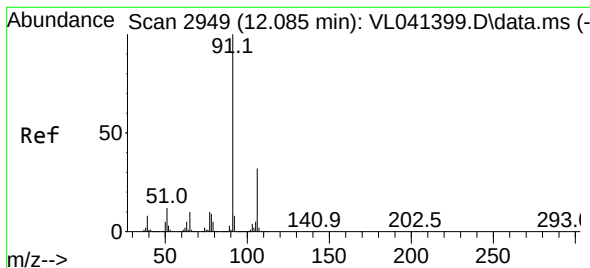
Reviewed By :Mahesh Dadoda 07/30/2024
Supervised By :Semsettin Yesilyurt 07/30/2024



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.471 min Scan# 2758
Delta R.T. 0.006 min
Lab File: VL041430.D
Acq: 29 Jul 2024 15:37

Tgt Ion:117 Resp: 2784168
Ion Ratio Lower Upper
117 100
82 63.9 51.0 76.6
119 33.0 45.2 67.8#





#58

Ethyl Benzene

Concen: 0.153 ppbv m

RT: 12.098 min Scan# 2949

Delta R.T. 0.013 min

Lab File: VL041430.D

Acq: 29 Jul 2024 15:37

Instrument :

MSVOA_L

ClientSampleId :

ACVI-SS-03DL

Tgt Ion: 91 Resp: 4906

Ion Ratio Lower Upper

91 100

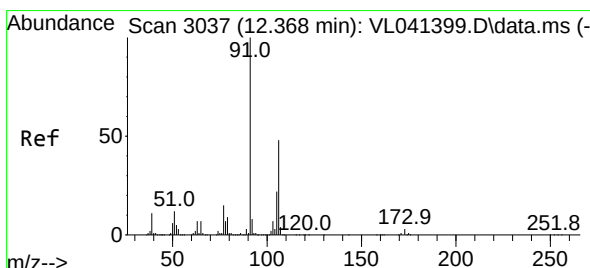
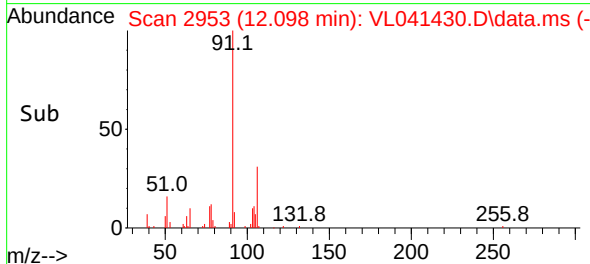
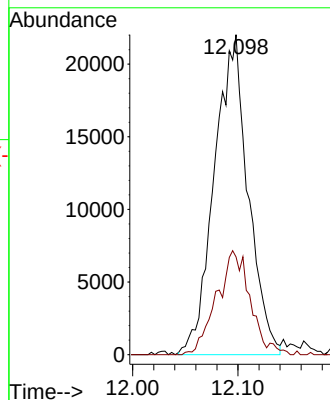
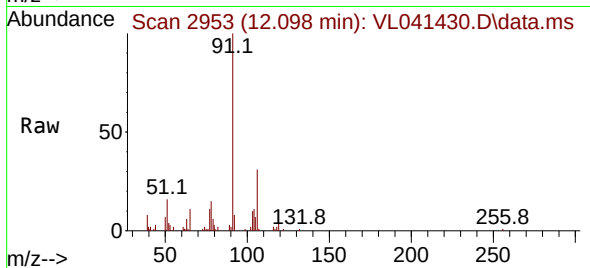
106 30.6 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/30/2024

Supervised By :Semsettin Yesilyurt 07/30/2024



#59

m/p-Xylene

Concen: 0.508 ppbv

RT: 12.349 min Scan# 3031

Delta R.T. -0.019 min

Lab File: VL041430.D

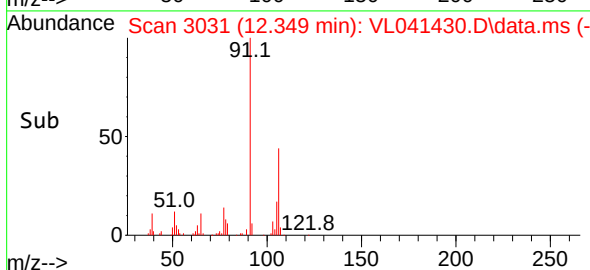
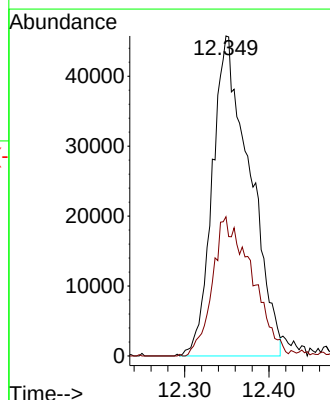
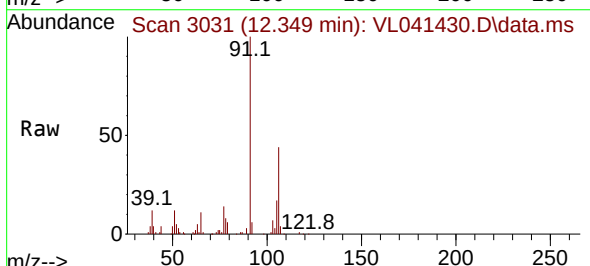
Acq: 29 Jul 2024 15:37

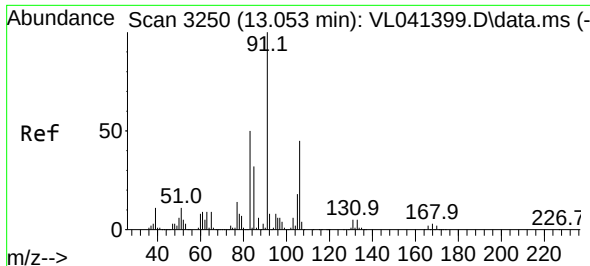
Tgt Ion: 91 Resp: 140844

Ion Ratio Lower Upper

91 100

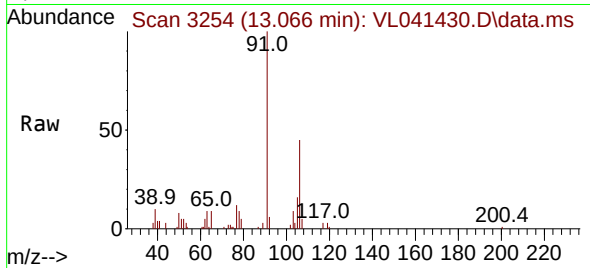
106 46.6 36.3 54.5





#60
o-Xylene
Concen: 0.162 ppbv m
RT: 13.066 min Scan# 31
Delta R.T. 0.010 min
Lab File: VL041430.D
Acq: 29 Jul 2024 15:37

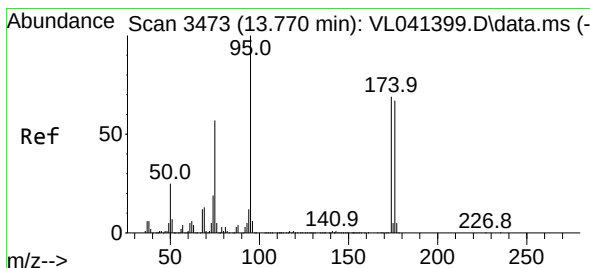
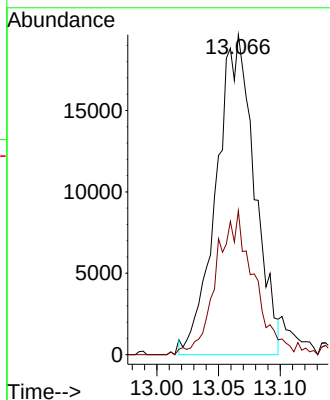
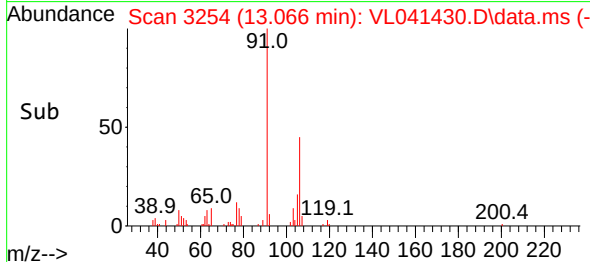
Instrument :
MSVOA_L
ClientSampleId :
ACVI-SS-03DL



Tgt Ion: 91 Resp: 4232
Ion Ratio Lower Upper
91 100
106 46.6 23.1 69.3

Manual Integrations
APPROVED

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



#68
1-Bromo-4-Fluorobenzene
Concen: 9.945 ppbv
RT: 13.780 min Scan# 3476
Delta R.T. 0.006 min
Lab File: VL041430.D
Acq: 29 Jul 2024 15:37

Tgt Ion: 95 Resp: 2130827
Ion Ratio Lower Upper
95 100
174 70.9 56.3 84.5
175 5.3 4.0 6.0

