

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072924\
 Data File : VL041436.D
 Acq On : 29 Jul 2024 19:44
 Operator : SY/MD
 Sample : P3342-12DL 20X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ACVI-SS-06DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 30 02:53:32 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	5.188	49	1095303	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.651	114	2991446	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.468	117	2716227	10.000	ppbv	# 0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.777	95	2115240	10.119	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.200%
Target Compounds						
					Qvalue	
10) Heptane	7.577	43	33692m	0.250	ppbv	
13) Ethanol	3.243	45	116937m	21.843	ppbv	
15) Acetone	3.475	43	124101m	0.997	ppbv	
20) Methylene Chloride	3.931	84	139288	3.001	ppbv	93
26) Hexane	5.208	57	169945	1.657	ppbv #	36
36) Benzene	6.372	78	61631	0.282	ppbv	94
44) 2,2,4-Trimethylpentane	7.333	57	59465m	0.163	ppbv	
52) Tetrachloroethene	10.616	164	478867	5.670	ppbv	99
53) Toluene	9.220	91	370497	1.522	ppbv	99
58) Ethyl Benzene	12.089	91	59591m	0.190	ppbv	
59) m/p-Xylene	12.346	91	192671	0.713	ppbv	96
60) o-Xylene	13.060	91	59256m	0.232	ppbv	
74) 1,2,4-Trimethylbenzene	16.121	105	31034m	0.103	ppbv	

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

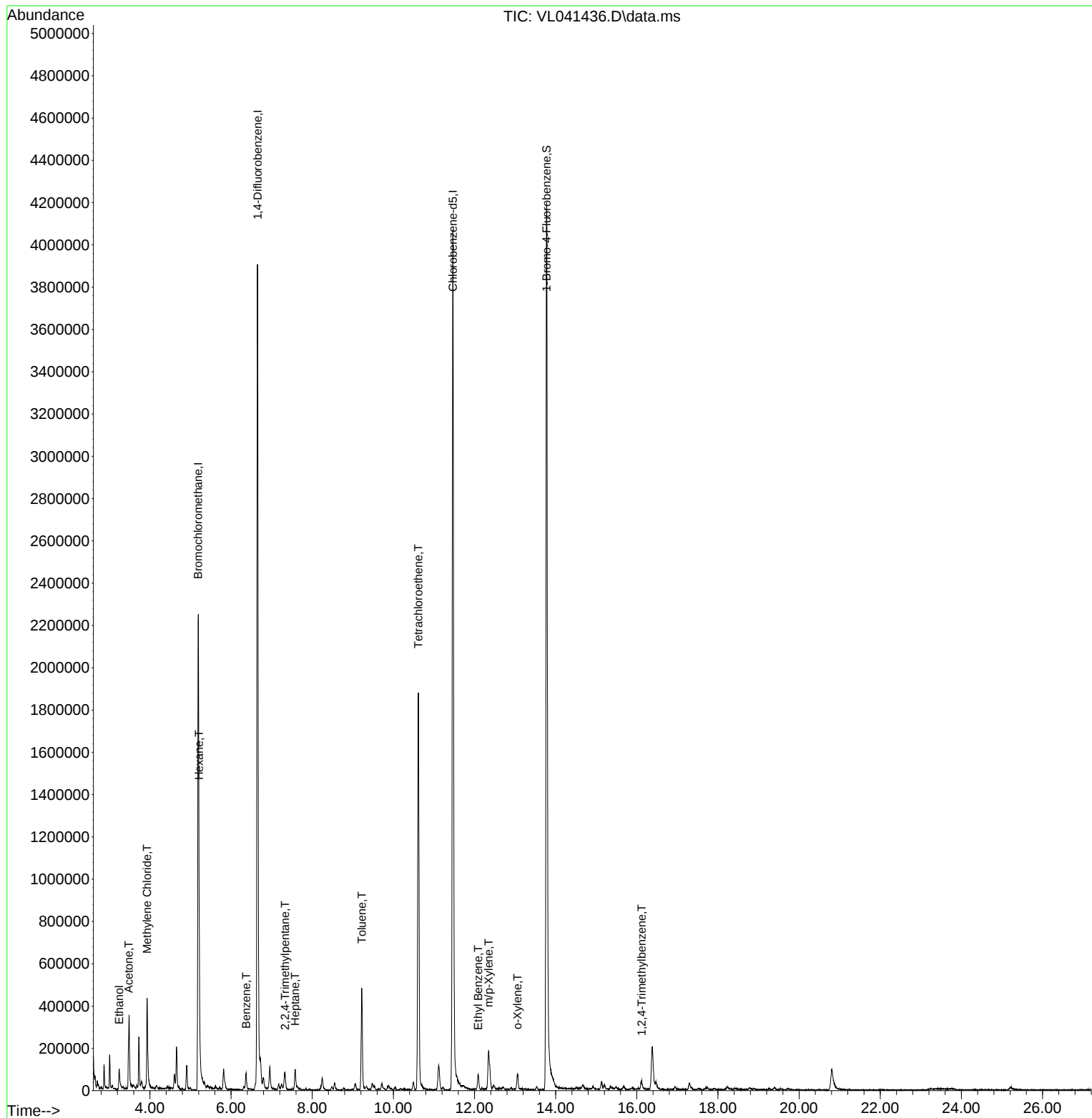
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072924\
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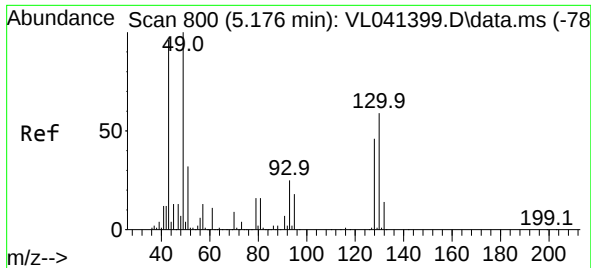
Instrument :
MSVOA_L
ClientSampleId :
ACVI-SS-06DL

Quant Time: Jul 30 02:53:32 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
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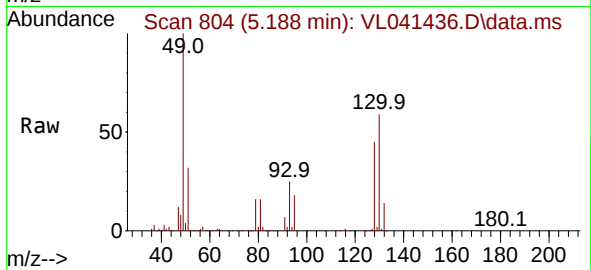
Reviewed By : Mahesh Dadoda 07/30/2024
Supervised By : Semsettin Yesilyurt 07/30/2024





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.188 min Scan# 804
Delta R.T. 0.009 min
Lab File: VL041436.D
Acq: 29 Jul 2024 19:44

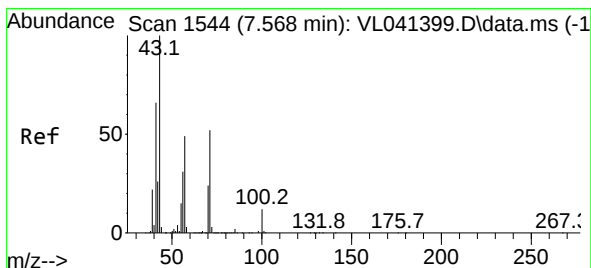
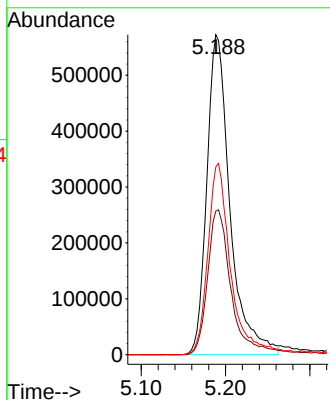
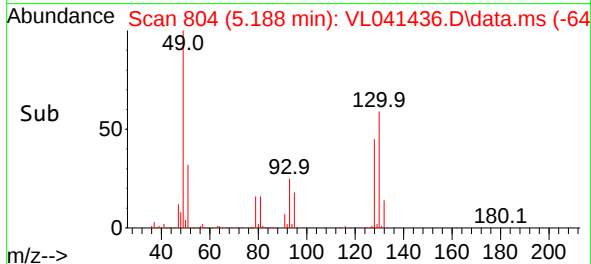
Instrument :
MSVOA_L
ClientSampleId :
ACVI-SS-06DL



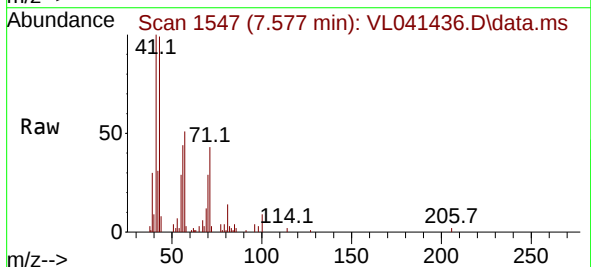
Tgt Ion: 49 Resp: 109530
Ion Ratio Lower Upper
49 100
128 47.5 23.8 71.4
130 60.6 30.8 92.4

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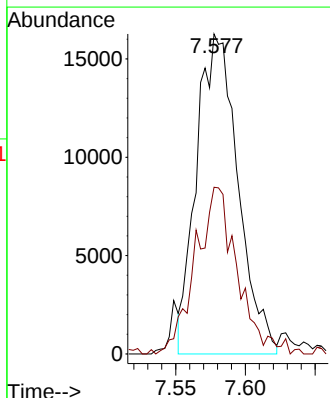
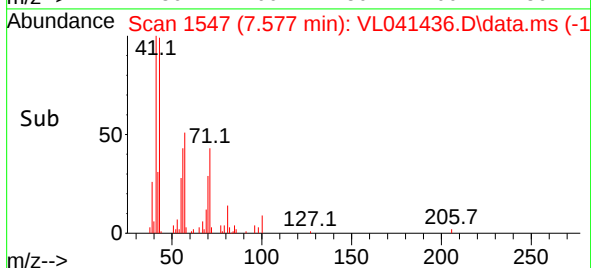
Reviewed By :Mahesh Dadoda 07/30/2024
Supervised By :Semsettin Yesilyurt 07/30/2024

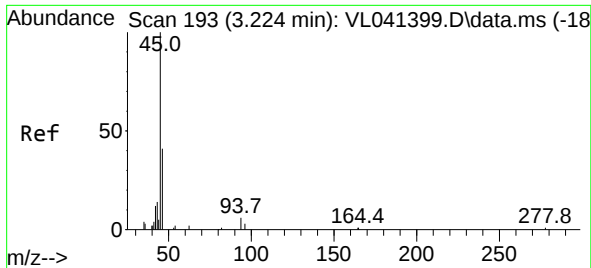


#10
Heptane
Concen: 0.250 ppbv m
RT: 7.577 min Scan# 1547
Delta R.T. 0.006 min
Lab File: VL041436.D
Acq: 29 Jul 2024 19:44



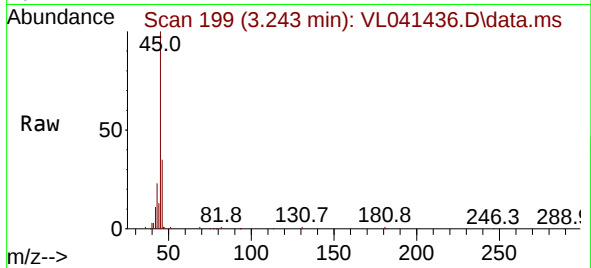
Tgt Ion: 43 Resp: 33692
Ion Ratio Lower Upper
43 100
57 52.8 40.5 60.7





#13
Ethanol
Concen: 21.843 ppbv m
RT: 3.243 min Scan# 193
Delta R.T. 0.016 min
Lab File: VL041436.D
Acq: 29 Jul 2024 19:44

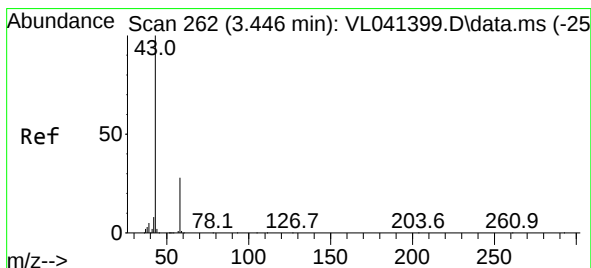
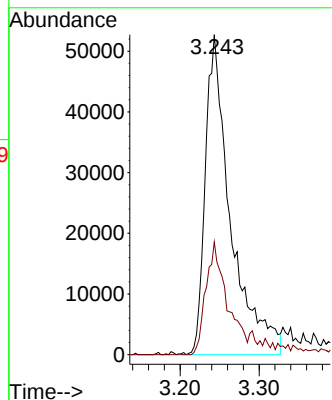
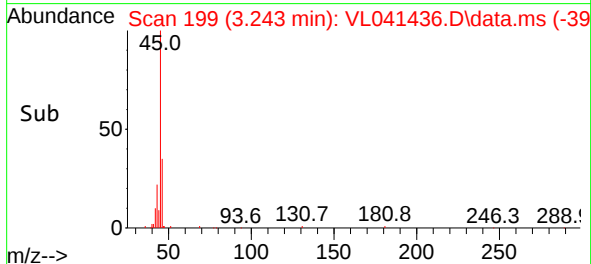
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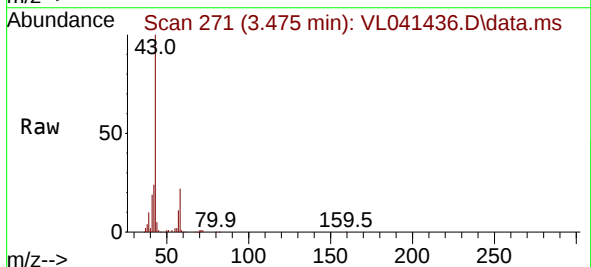
Tgt Ion: 45 Resp: 116937
Ion Ratio Lower Upper
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46 35.5 13.4 53.4

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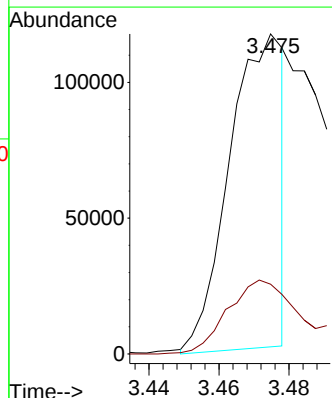
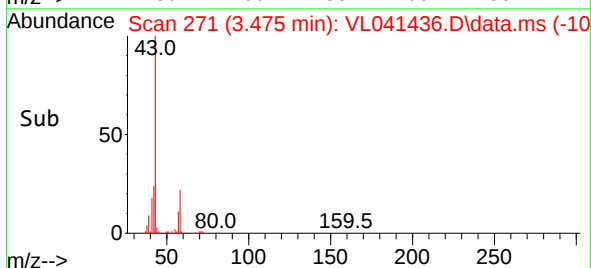
Reviewed By :Mahesh Dadoda 07/30/2024
Supervised By :Semsettin Yesilyurt 07/30/2024

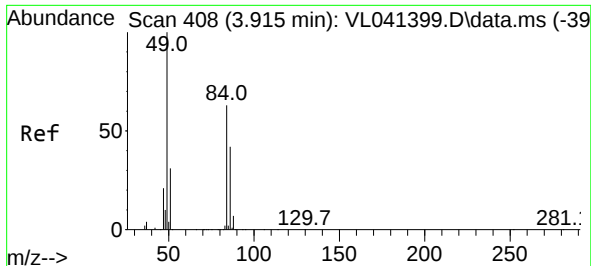


#15
Acetone
Concen: 0.997 ppbv m
RT: 3.475 min Scan# 271
Delta R.T. 0.022 min
Lab File: VL041436.D
Acq: 29 Jul 2024 19:44



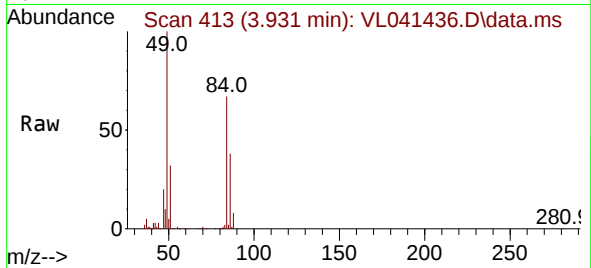
Tgt Ion: 43 Resp: 124101
Ion Ratio Lower Upper
43 100
58 40.4 21.4 32.2#





#20
Methylene Chloride
Concen: 3.001 ppbv
RT: 3.931 min Scan# 413
Delta R.T. 0.013 min
Lab File: VL041436.D
Acq: 29 Jul 2024 19:44

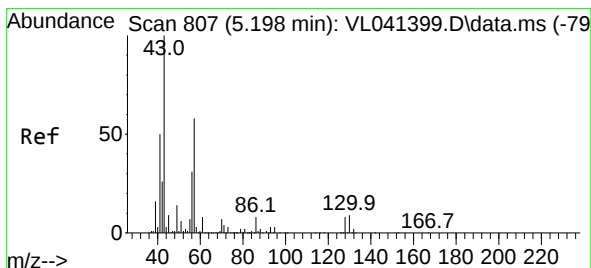
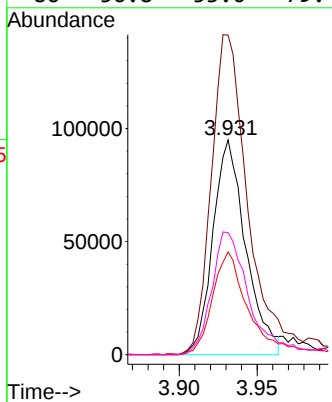
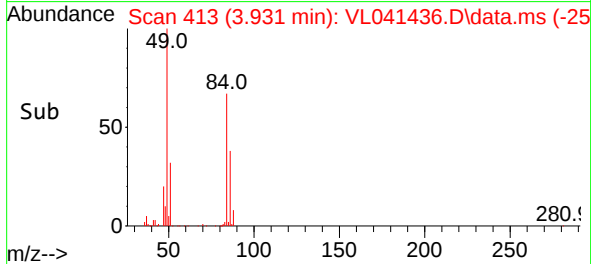
Instrument :
MSVOA_L
ClientSampleId :
ACVI-SS-06DL



Tgt Ion: 84 Resp: 139288
Ion Ratio Lower Upper
84 100
49 148.8 126.6 190.0
51 47.6 38.6 58.0
86 56.8 53.0 79.4

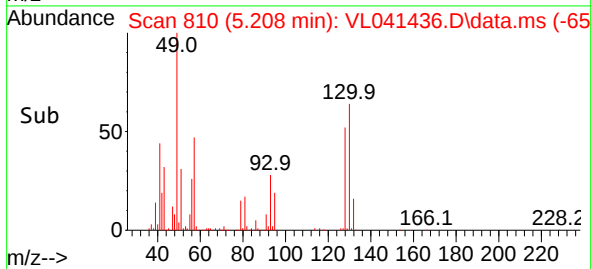
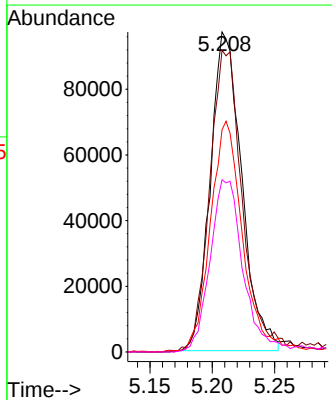
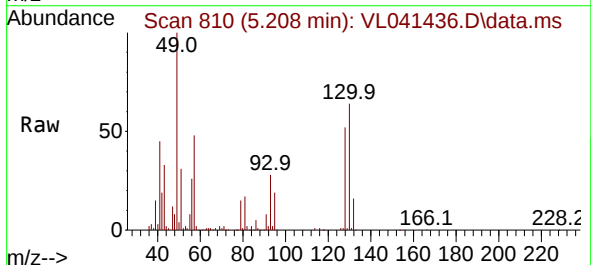
Manual Integrations
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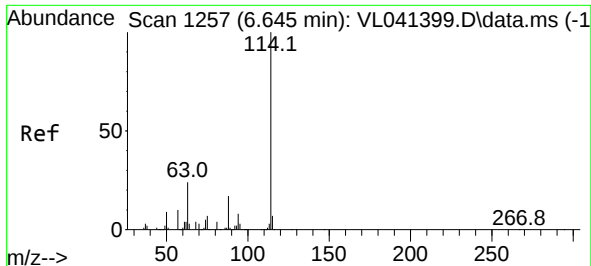
Reviewed By :Mahesh Dadoda 07/30/2024
Supervised By :Semsettin Yesilyurt 07/30/2024



#26
Hexane
Concen: 1.657 ppbv
RT: 5.208 min Scan# 810
Delta R.T. 0.010 min
Lab File: VL041436.D
Acq: 29 Jul 2024 19:44

Tgt Ion: 57 Resp: 169945
Ion Ratio Lower Upper
57 100
41 99.8 74.0 111.0
43 75.6 193.6 290.4#
56 58.9 43.1 64.7





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.651 min Scan# 1172

Delta R.T. 0.006 min

Lab File: VL041436.D

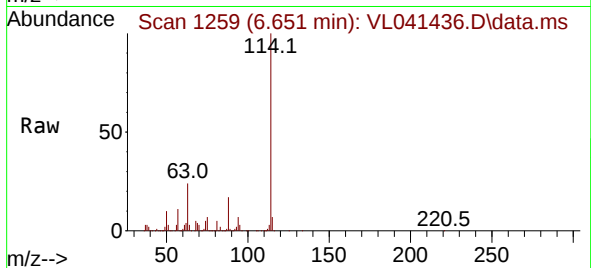
Acq: 29 Jul 2024 19:44

Instrument :

MSVOA_L

ClientSampleId :

ACVI-SS-06DL



Tgt Ion:114 Resp: 299144

Ion Ratio Lower Upper

114 100

63 25.0 20.3 30.5

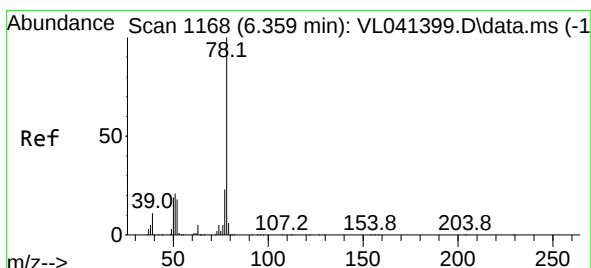
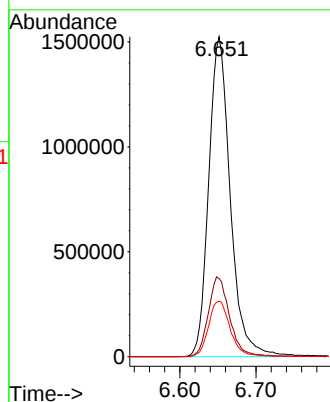
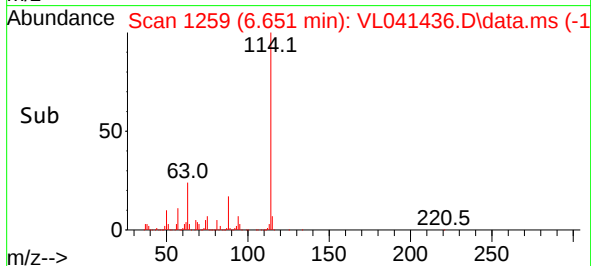
88 17.7 14.3 21.5

Manual Integrations

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#36

Benzene

Concen: 0.282 ppbv

RT: 6.372 min Scan# 1172

Delta R.T. 0.013 min

Lab File: VL041436.D

Acq: 29 Jul 2024 19:44

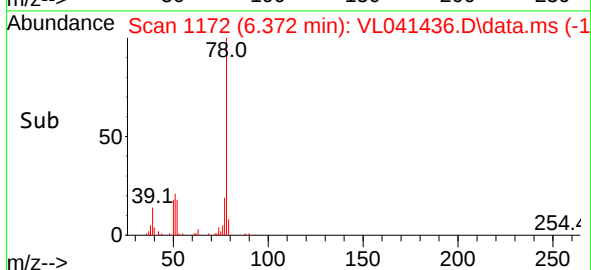
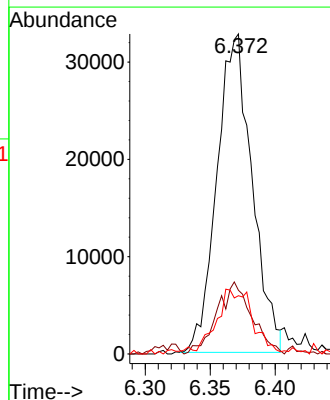
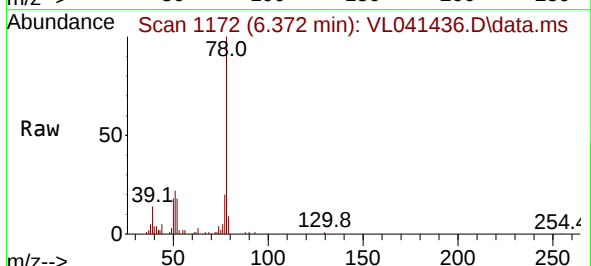
Tgt Ion: 78 Resp: 61631

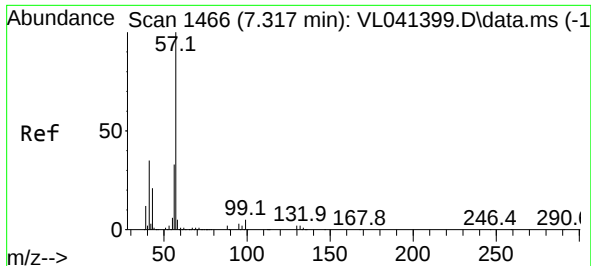
Ion Ratio Lower Upper

78 100

77 18.9 18.1 27.1

50 17.6 15.5 23.3





#44

2,2,4-Trimethylpentane

Concen: 0.163 ppbv m

RT: 7.333 min Scan# 1466

Delta R.T. 0.016 min

Lab File: VL041436.D

Acq: 29 Jul 2024 19:44

Instrument :

MSVOA_L

ClientSampleId :

ACVI-SS-06DL

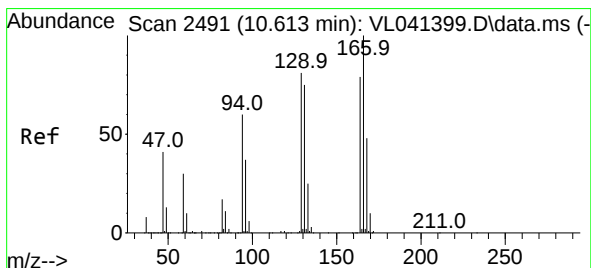
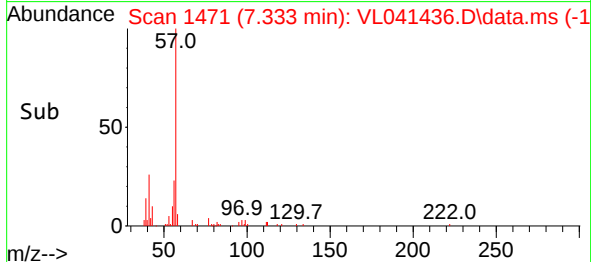
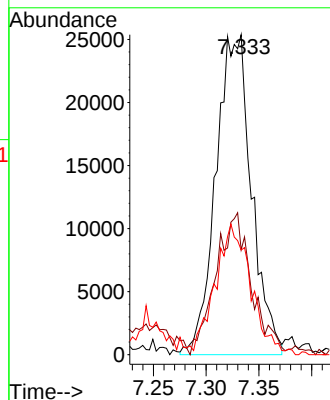
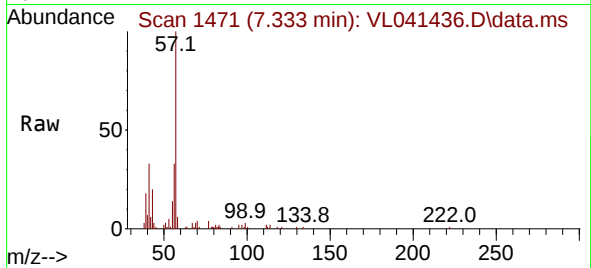
Tgt Ion: 57 Resp: 5946

Ion	Ratio	Lower	Upper
57	100		
41	0.0	27.0	40.6
56	41.0	25.2	37.8

Manual Integrations

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Supervised By :Semsettin Yesilyurt 07/30/2024



#52

Tetrachloroethene

Concen: 5.670 ppbv

RT: 10.616 min Scan# 2492

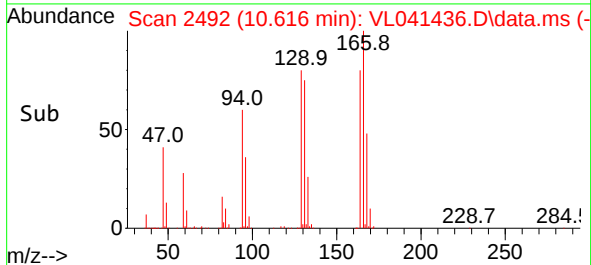
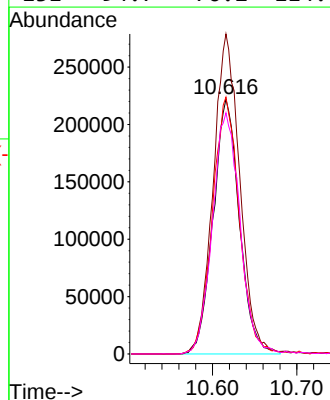
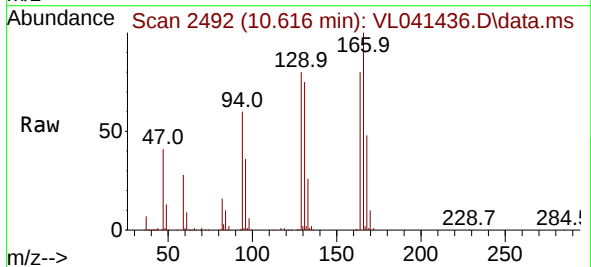
Delta R.T. 0.006 min

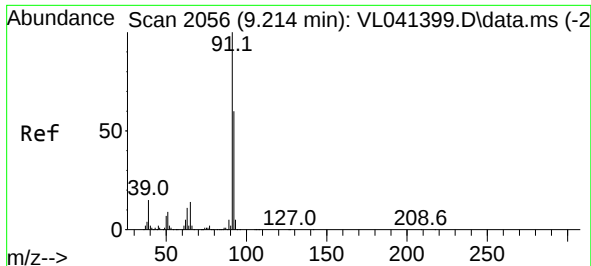
Lab File: VL041436.D

Acq: 29 Jul 2024 19:44

Tgt Ion:164 Resp: 478867

Ion	Ratio	Lower	Upper
164	100		
166	125.6	101.1	151.7
129	100.8	81.7	122.5
131	94.7	76.2	114.4





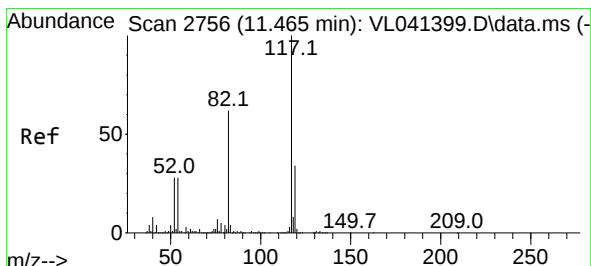
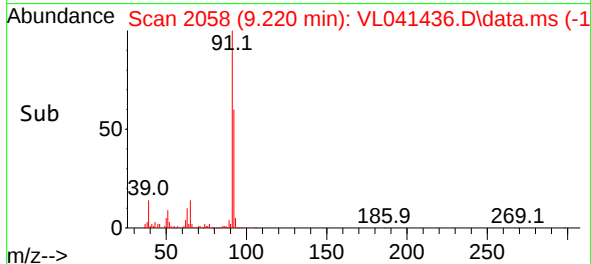
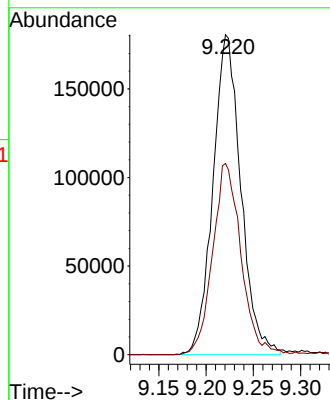
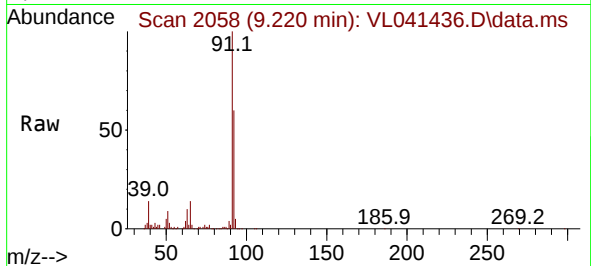
#53
Toluene
Concen: 1.522 ppbv
RT: 9.220 min Scan# 2056
Delta R.T. 0.003 min
Lab File: VL041436.D
Acq: 29 Jul 2024 19:44

Instrument :
MSVOA_L
ClientSampleId :
ACVI-SS-06DL

Tgt Ion: 91 Resp: 37049
Ion Ratio Lower Upper
91 100
92 61.3 48.7 73.1

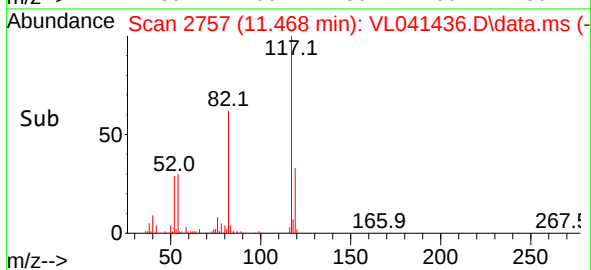
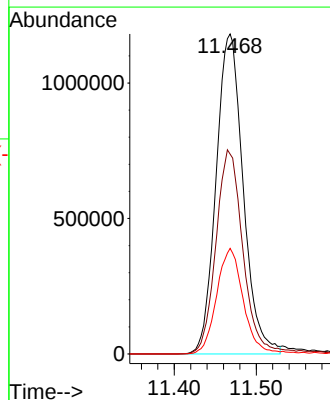
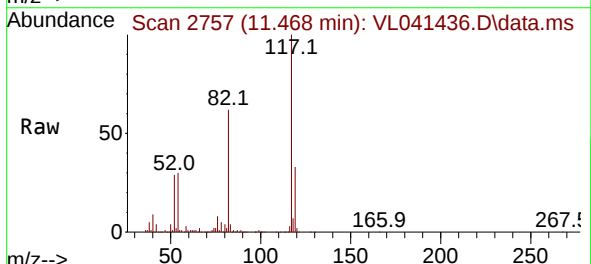
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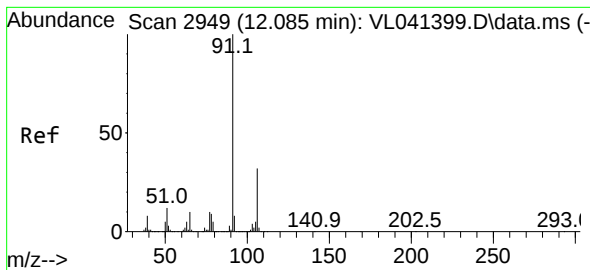
Reviewed By :Mahesh Dadoda 07/30/2024
Supervised By :Semsettin Yesilyurt 07/30/2024



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.468 min Scan# 2757
Delta R.T. 0.003 min
Lab File: VL041436.D
Acq: 29 Jul 2024 19:44

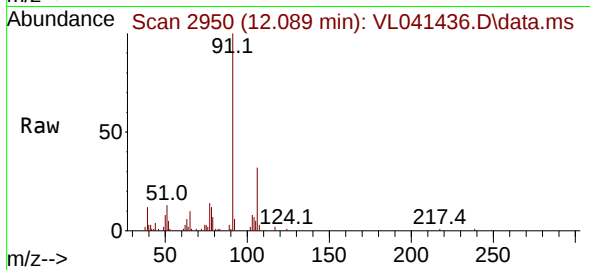
Tgt Ion:117 Resp: 2716227
Ion Ratio Lower Upper
117 100
82 64.8 51.0 76.6
119 32.8 45.2 67.8#





#58
Ethyl Benzene
Concen: 0.190 ppbv m
RT: 12.089 min Scan# 2949
Delta R.T. 0.003 min
Lab File: VL041436.D
Acq: 29 Jul 2024 19:44

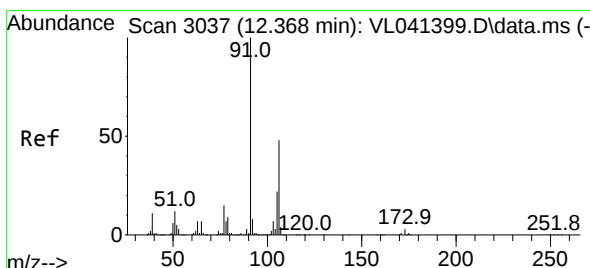
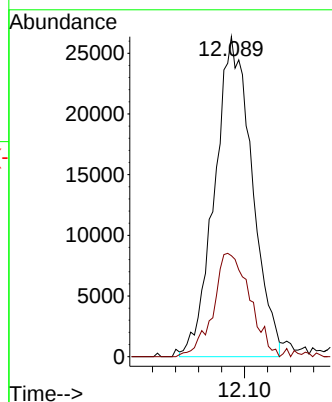
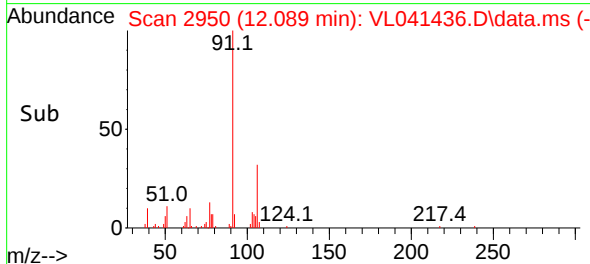
Instrument :
MSVOA_L
ClientSampleId :
ACVI-SS-06DL



Tgt Ion: 91 Resp: 5959
Ion Ratio Lower Upper
91 100
106 31.6 25.8 38.8

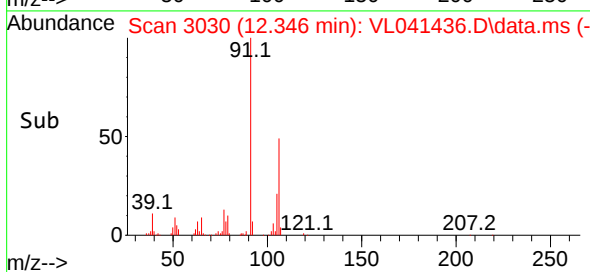
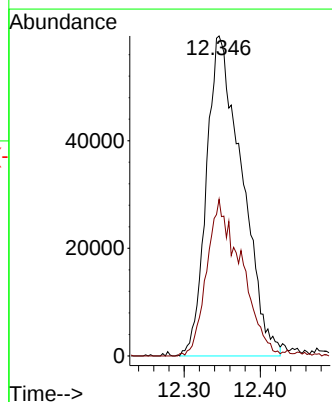
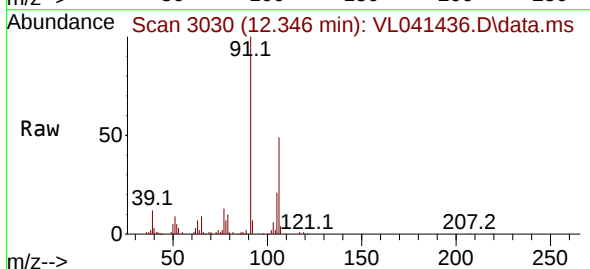
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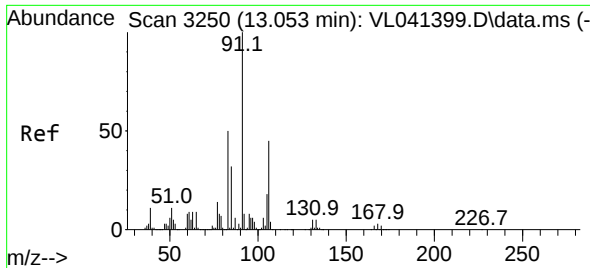
Reviewed By :Mahesh Dadoda 07/30/2024
Supervised By :Semsettin Yesilyurt 07/30/2024



#59
m/p-Xylene
Concen: 0.713 ppbv
RT: 12.346 min Scan# 3030
Delta R.T. -0.023 min
Lab File: VL041436.D
Acq: 29 Jul 2024 19:44

Tgt Ion: 91 Resp: 192671
Ion Ratio Lower Upper
91 100
106 48.3 36.3 54.5





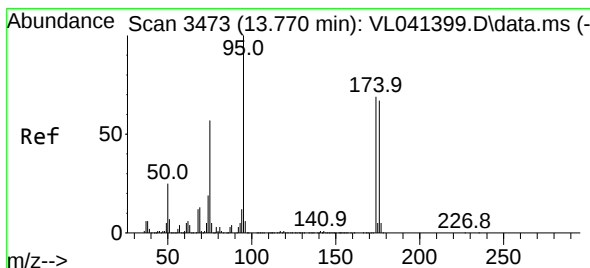
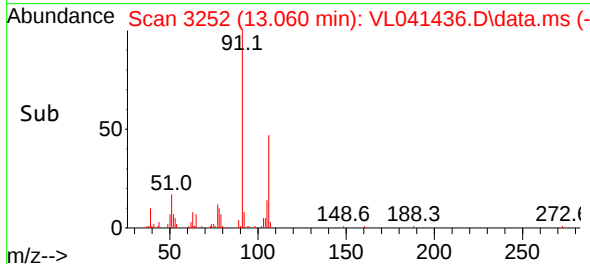
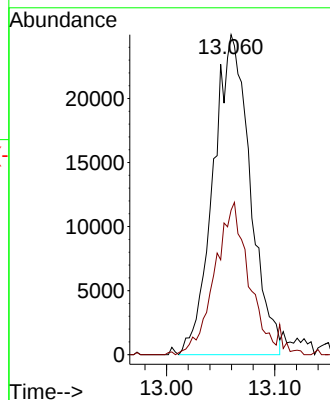
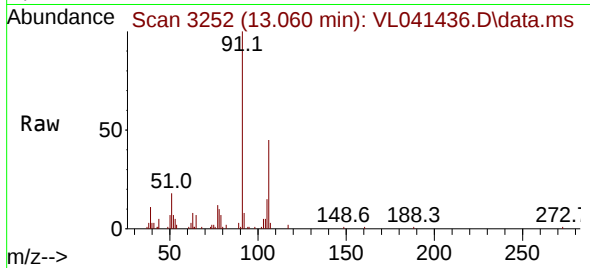
#60
o-Xylene
Concen: 0.232 ppbv m
RT: 13.060 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL041436.D
Acq: 29 Jul 2024 19:44

Instrument :
MSVOA_L
ClientSampleId :
ACVI-SS-06DL

Tgt Ion: 91 Resp: 59250
Ion Ratio Lower Upper
91 100
106 45.4 23.1 69.3

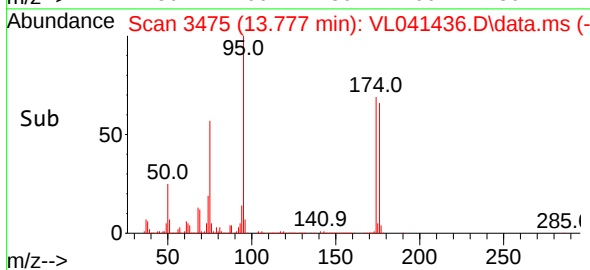
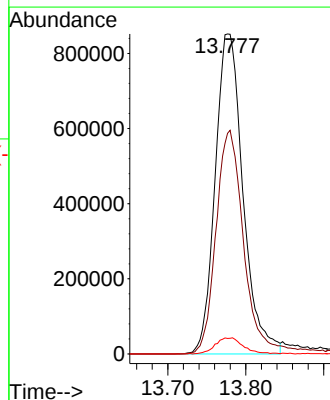
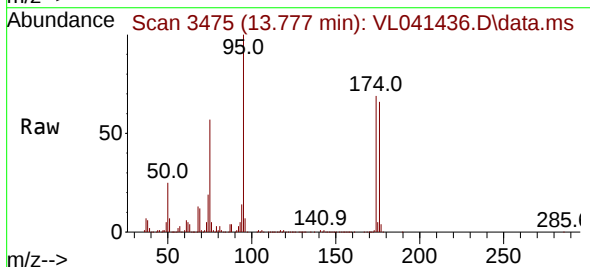
Manual Integrations
APPROVED

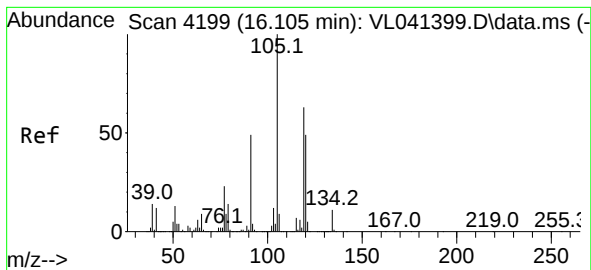
Reviewed By :Mahesh Dadoda 07/30/2024
Supervised By :Semsettin Yesilyurt 07/30/2024



#68
1-Bromo-4-Fluorobenzene
Concen: 10.119 ppbv
RT: 13.777 min Scan# 3475
Delta R.T. 0.003 min
Lab File: VL041436.D
Acq: 29 Jul 2024 19:44

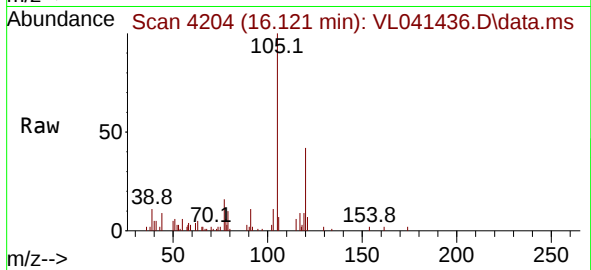
Tgt Ion: 95 Resp: 2115240
Ion Ratio Lower Upper
95 100
174 72.1 56.3 84.5
175 5.2 4.0 6.0





#74
 1,2,4-Trimethylbenzene
 Concen: 0.103 ppbv m
 RT: 16.121 min Scan# 4199
 Delta R.T. 0.013 min
 Lab File: VL041436.D
 Acq: 29 Jul 2024 19:44

Instrument :
 MSVOA_L
 ClientSampleId :
 ACVI-SS-06DL



Tgt Ion:	105	Resp:	31034
Ion	Ratio	Lower	Upper
105	100		
120	42.4	39.5	59.3
91	11.4	39.8	59.8
77	15.8	18.2	27.4

Manual Integrations
 APPROVED

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

