

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072924\
 Data File : VL041448.D
 Acq On : 30 Jul 2024 3:53
 Operator : SY/MD
 Sample : P3342-09DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ACVI-IA-05DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 30 06:48:15 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	5.195	49	1104454	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	6.655	114	2952331	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.468	117	2676029	10.000	ppbv	# 0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.777	95	2021174	9.815	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.100%
Target Compounds						
					Qvalue	
10) Heptane	7.587	43	33923m	0.250	ppbv	
13) Ethanol	3.243	45	657734	121.840	ppbv	92
15) Acetone	3.475	43	251818m	2.007	ppbv	
20) Methylene Chloride	3.938	84	231113	4.939	ppbv	95
26) Hexane	5.221	57	255685	2.472	ppbv #	39
36) Benzene	6.378	78	42386m	0.196	ppbv	
44) 2,2,4-Trimethylpentane	7.333	57	94817	0.263	ppbv #	82
53) Toluene	9.221	91	271930	1.132	ppbv	100
58) Ethyl Benzene	12.092	91	41389m	0.134	ppbv	
59) m/p-Xylene	12.356	91	82312m	0.309	ppbv	
60) o-Xylene	13.057	91	28726m	0.114	ppbv	

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

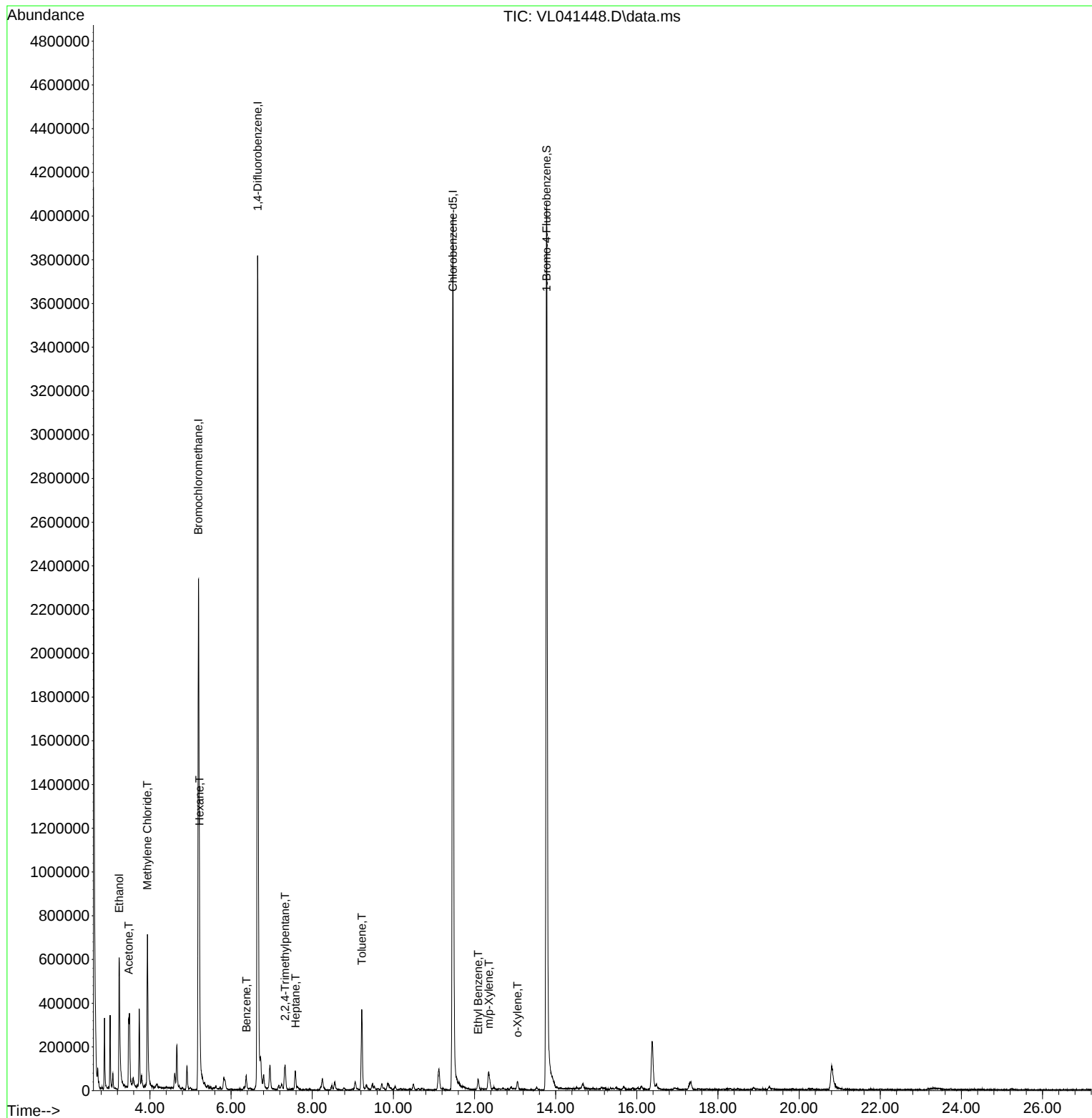
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072924\
Data File : VL041448.D
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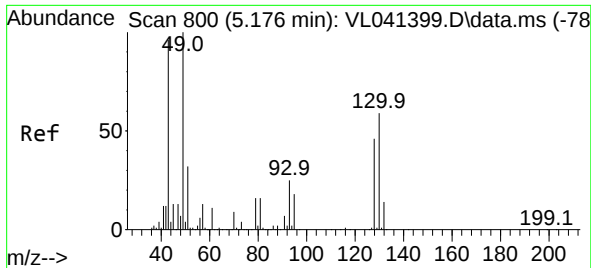
Instrument :
MSVOA_L
ClientSampleId :
ACVI-IA-05DL

Quant Time: Jul 30 06:48:15 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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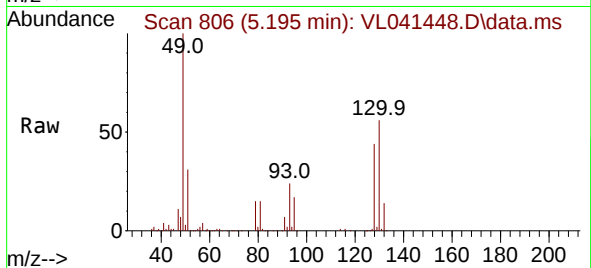
Reviewed By : Mahesh Dadoda 07/30/2024
Supervised By : Semsettin Yesilyurt 07/30/2024





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.195 min Scan# 800
Delta R.T. 0.016 min
Lab File: VL041448.D
Acq: 30 Jul 2024 3:53

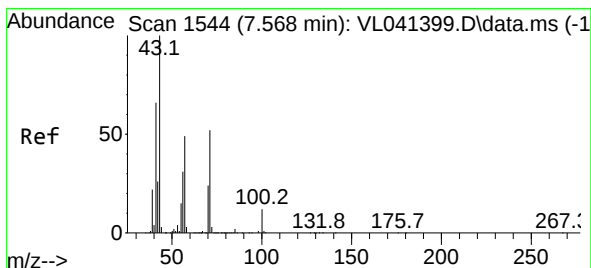
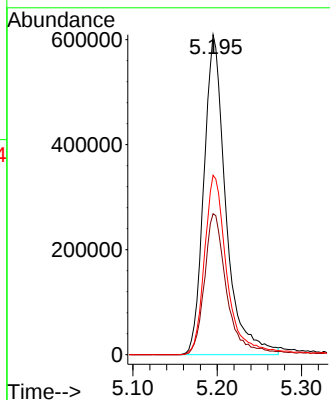
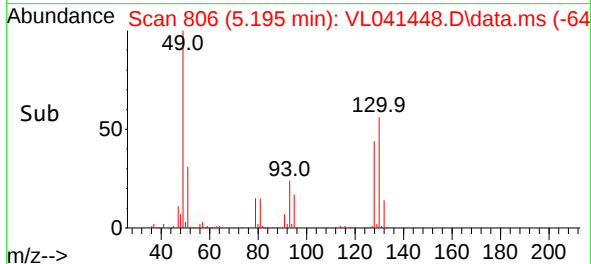
Instrument :
MSVOA_L
ClientSampleId :
ACVI-IA-05DL



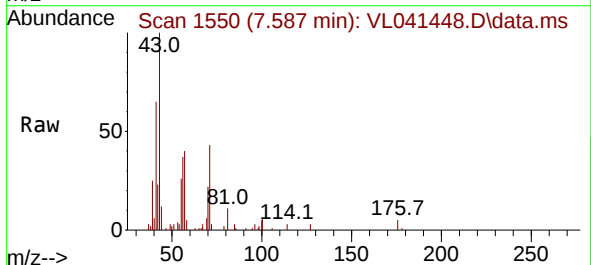
Tgt Ion: 49 Resp: 1104454
Ion Ratio Lower Upper
49 100
128 46.0 23.8 71.4
130 58.7 30.8 92.4

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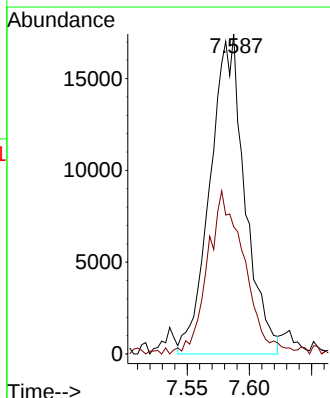
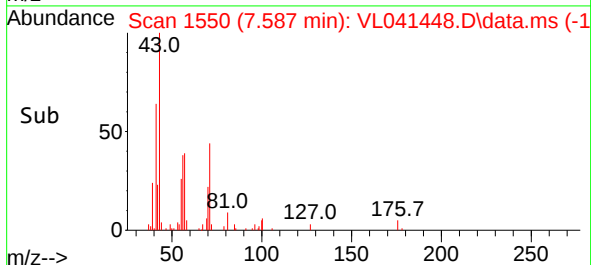
Reviewed By :Mahesh Dadoda 07/30/2024
Supervised By :Semsettin Yesilyurt 07/30/2024

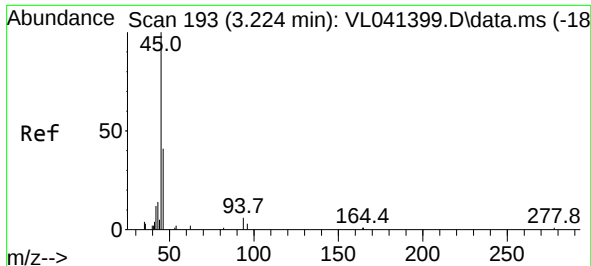


#10
Heptane
Concen: 0.250 ppbv m
RT: 7.587 min Scan# 1550
Delta R.T. 0.016 min
Lab File: VL041448.D
Acq: 30 Jul 2024 3:53



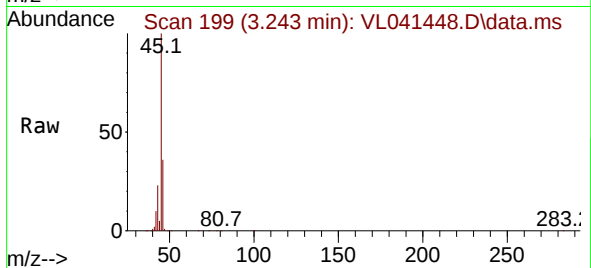
Tgt Ion: 43 Resp: 33923
Ion Ratio Lower Upper
43 100
57 0.0 40.5 60.7#





#13
 Ethanol
 Concen: 121.840 ppbv
 RT: 3.243 min Scan# 193
 Delta R.T. 0.016 min
 Lab File: VL041448.D
 Acq: 30 Jul 2024 3:53

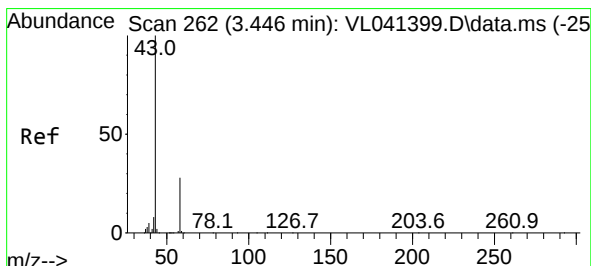
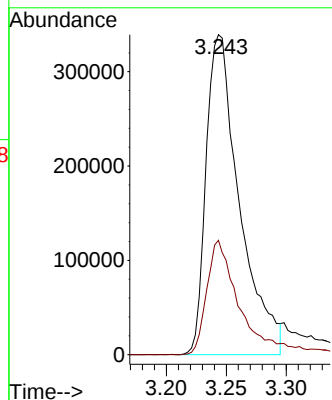
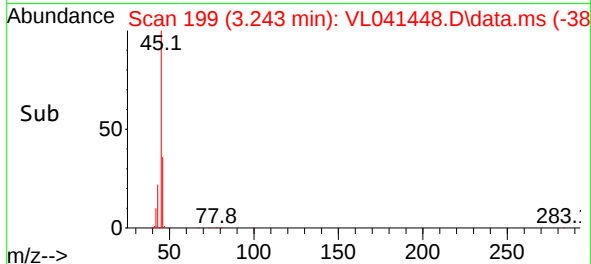
Instrument :
 MSVOA_L
 ClientSampleId :
 ACVI-IA-05DL



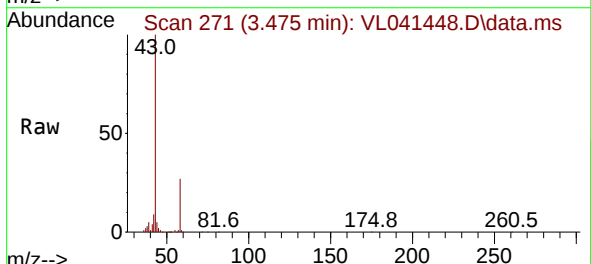
Tgt Ion: 45 Resp: 657734
 Ion Ratio Lower Upper
 45 100
 46 37.9 13.4 53.4

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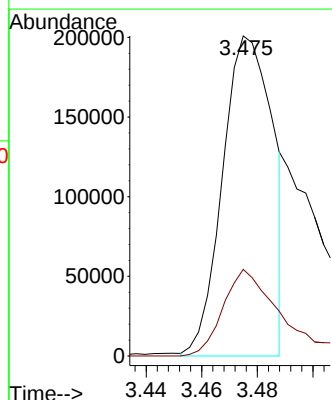
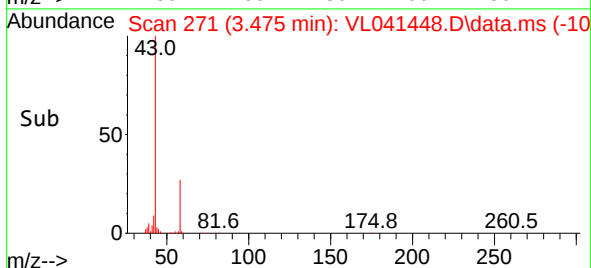
Reviewed By :Mahesh Dadoda 07/30/2024
 Supervised By :Semsettin Yesilyurt 07/30/2024

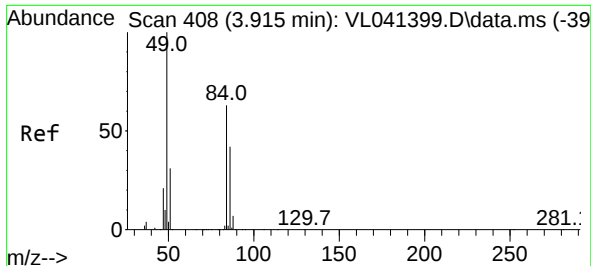


#15
 Acetone
 Concen: 2.007 ppbv m
 RT: 3.475 min Scan# 271
 Delta R.T. 0.023 min
 Lab File: VL041448.D
 Acq: 30 Jul 2024 3:53



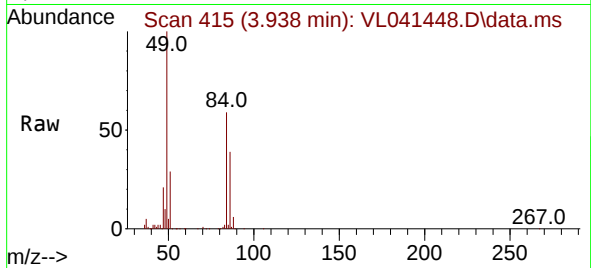
Tgt Ion: 43 Resp: 251818
 Ion Ratio Lower Upper
 43 100
 58 33.8 21.4 32.2#





#20
Methylene Chloride
Concen: 4.939 ppbv
RT: 3.938 min Scan# 415
Delta R.T. 0.019 min
Lab File: VL041448.D
Acq: 30 Jul 2024 3:53

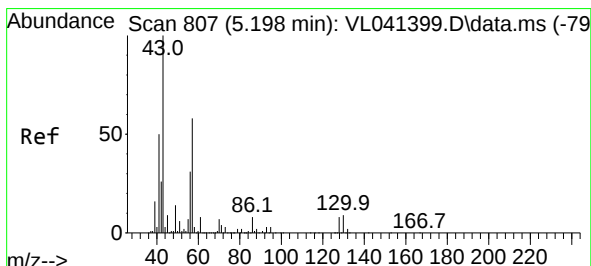
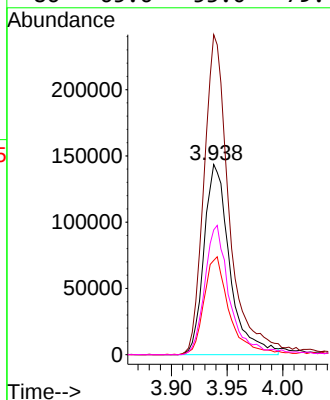
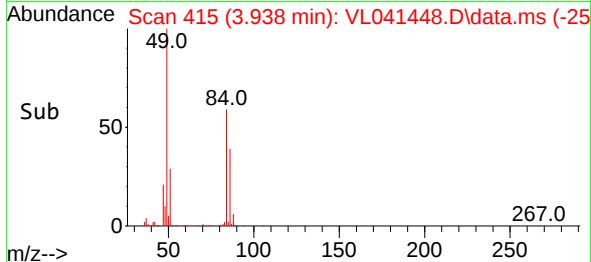
Instrument :
MSVOA_L
ClientSampleId :
ACVI-IA-05DL



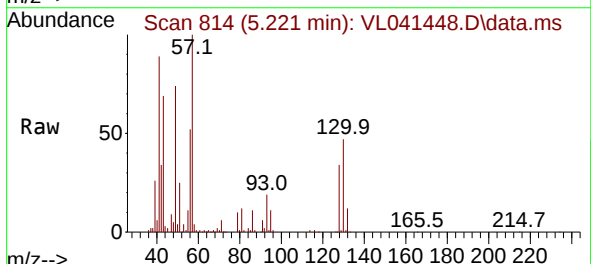
Tgt Ion: 84 Resp: 23111
Ion Ratio Lower Upper
84 100
49 168.2 126.6 190.0
51 49.6 38.6 58.0
86 65.6 53.0 79.4

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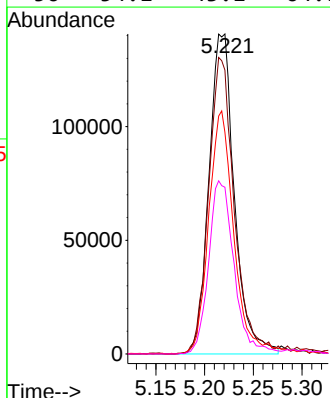
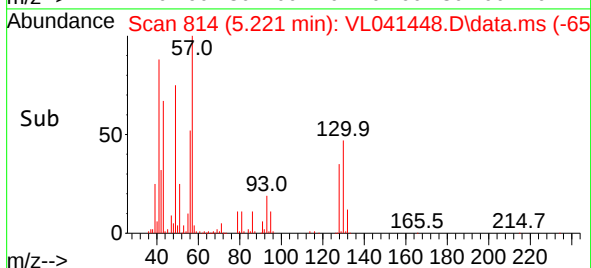
Reviewed By :Mahesh Dadoda 07/30/2024
Supervised By :Semsettin Yesilyurt 07/30/2024

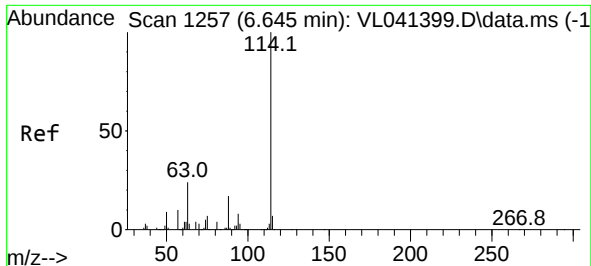


#26
Hexane
Concen: 2.472 ppbv
RT: 5.221 min Scan# 814
Delta R.T. 0.023 min
Lab File: VL041448.D
Acq: 30 Jul 2024 3:53



Tgt Ion: 57 Resp: 255685
Ion Ratio Lower Upper
57 100
41 95.8 74.0 111.0
43 76.4 193.6 290.4#
56 54.1 43.1 64.7





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.655 min Scan# 1174

Delta R.T. 0.010 min

Lab File: VL041448.D

Acq: 30 Jul 2024 3:53

Instrument :

MSVOA_L

ClientSampleId :

ACVI-IA-05DL

Tgt Ion:114 Resp: 295233

Ion Ratio Lower Upper

114 100

63 25.1 20.3 30.5

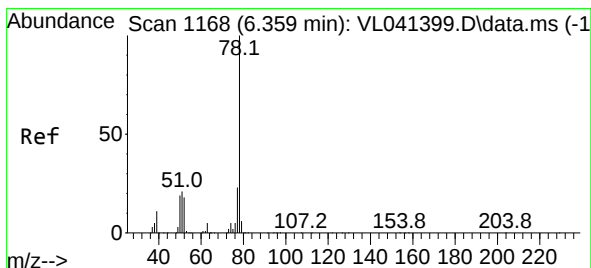
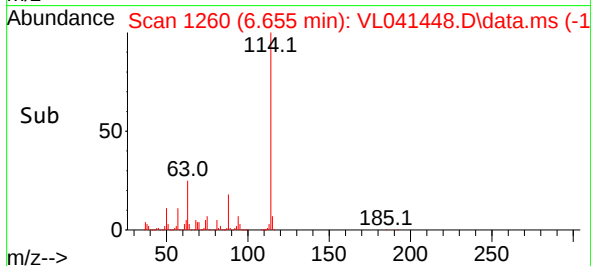
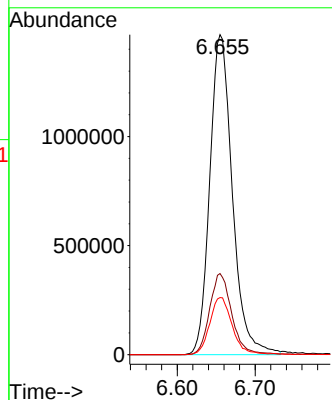
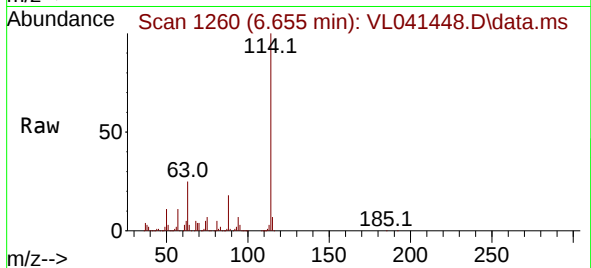
88 18.0 14.3 21.5

Manual Integrations

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Reviewed By :Mahesh Dadoda 07/30/2024

Supervised By :Semsettin Yesilyurt 07/30/2024



#36

Benzene

Concen: 0.196 ppbv m

RT: 6.378 min Scan# 1174

Delta R.T. 0.019 min

Lab File: VL041448.D

Acq: 30 Jul 2024 3:53

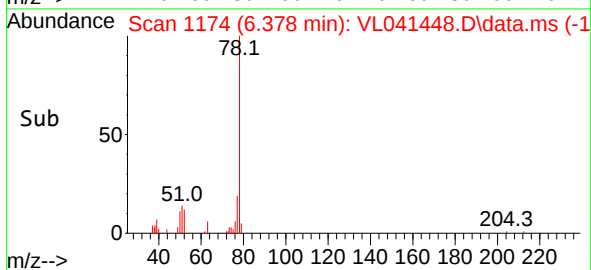
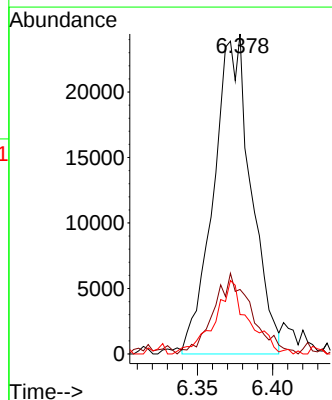
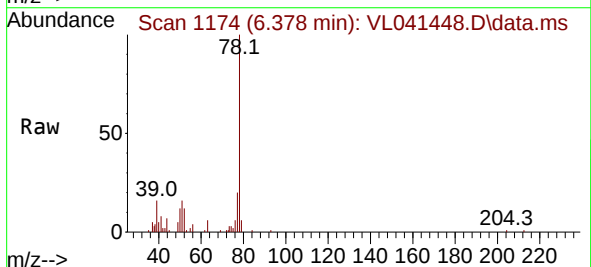
Tgt Ion: 78 Resp: 42386

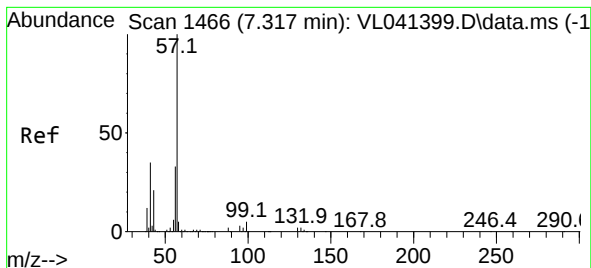
Ion Ratio Lower Upper

78 100

77 20.2 18.1 27.1

50 12.3 15.5 23.3#





#44

2,2,4-Trimethylpentane

Concen: 0.263 ppbv

RT: 7.333 min Scan# 1466

Delta R.T. 0.016 min

Lab File: VL041448.D

Acq: 30 Jul 2024 3:53

Instrument :

MSVOA_L

ClientSampleId :

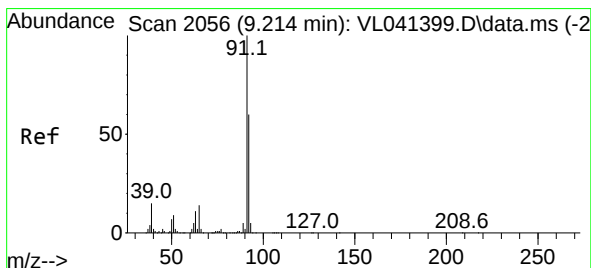
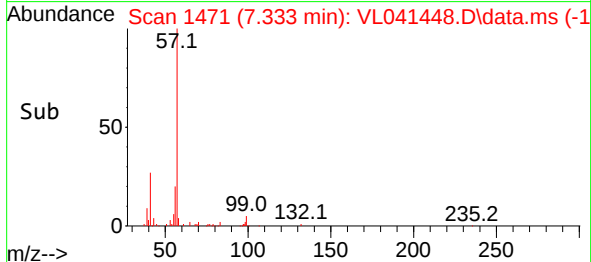
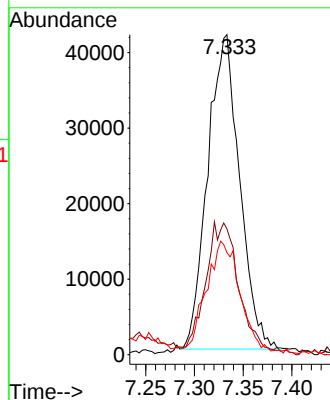
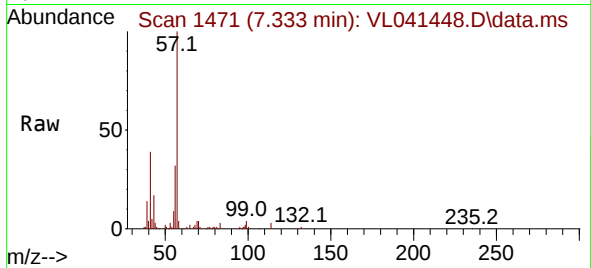
ACVI-IA-05DL

Tgt Ion: 57	Resp: 9481
Ion Ratio	Lower Upper
57 100	
41 45.4	27.0 40.6
56 40.6	25.2 37.8

Manual Integrations

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



#53

Toluene

Concen: 1.132 ppbv

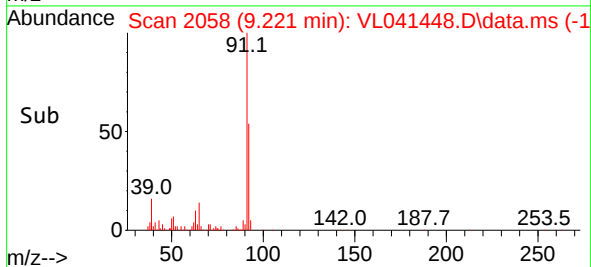
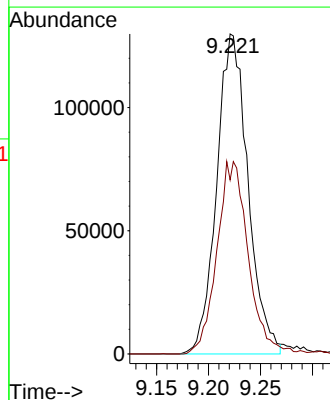
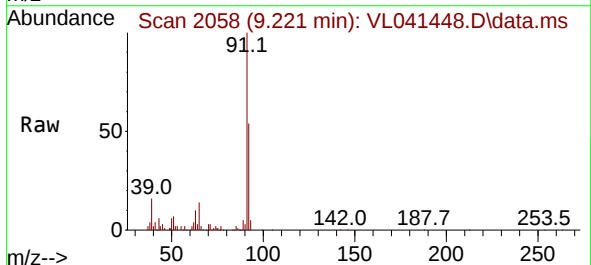
RT: 9.221 min Scan# 2058

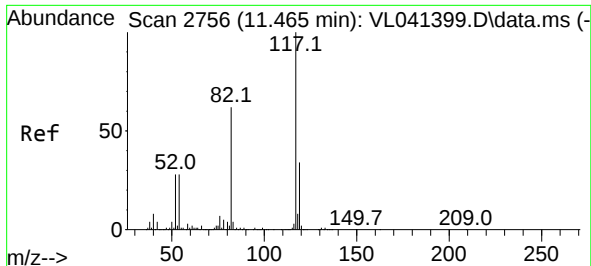
Delta R.T. 0.003 min

Lab File: VL041448.D

Acq: 30 Jul 2024 3:53

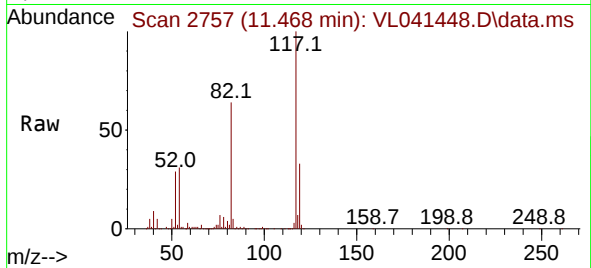
Tgt Ion: 91	Resp: 271930
Ion Ratio	Lower Upper
91 100	
92 60.8	48.7 73.1





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.468 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL041448.D
Acq: 30 Jul 2024 3:53

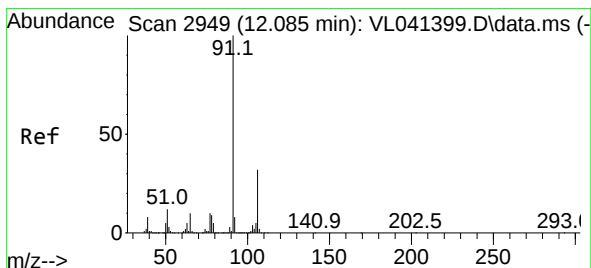
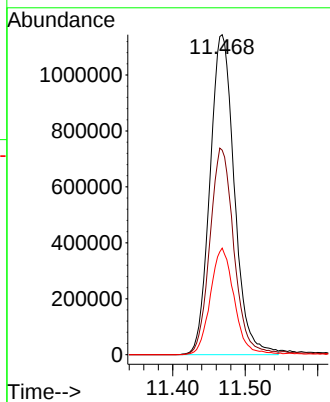
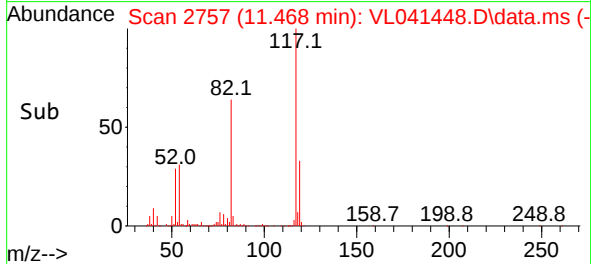
Instrument :
MSVOA_L
ClientSampleId :
ACVI-IA-05DL



Tgt Ion:117 Resp: 2676029
Ion Ratio Lower Upper
117 100
82 64.8 51.0 76.6
119 32.9 45.2 67.8

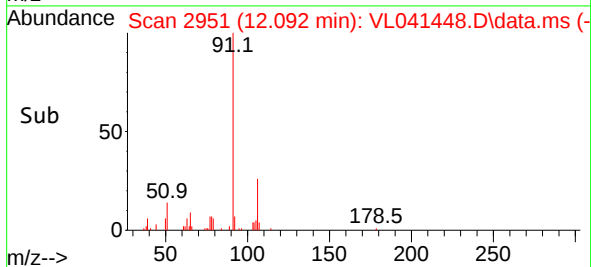
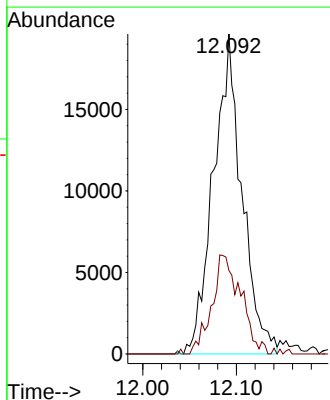
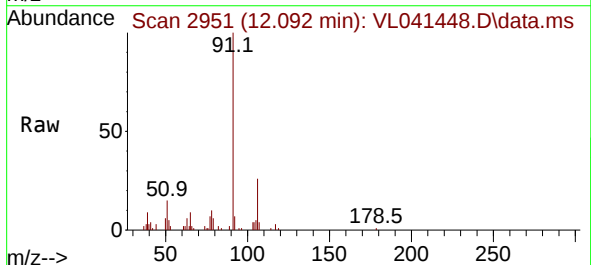
Manual Integrations
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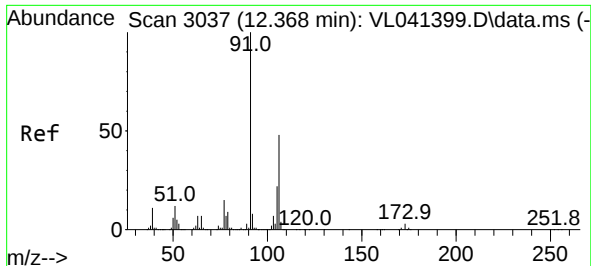
Reviewed By :Mahesh Dadoda 07/30/2024
Supervised By :Semsettin Yesilyurt 07/30/2024



#58
Ethyl Benzene
Concen: 0.134 ppbv m
RT: 12.092 min Scan# 2951
Delta R.T. 0.007 min
Lab File: VL041448.D
Acq: 30 Jul 2024 3:53

Tgt Ion: 91 Resp: 41389
Ion Ratio Lower Upper
91 100
106 26.1 25.8 38.8





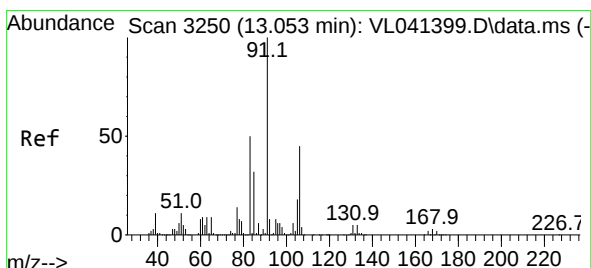
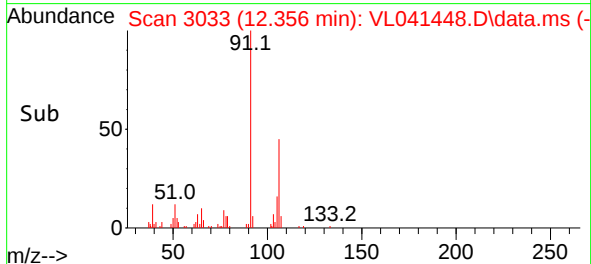
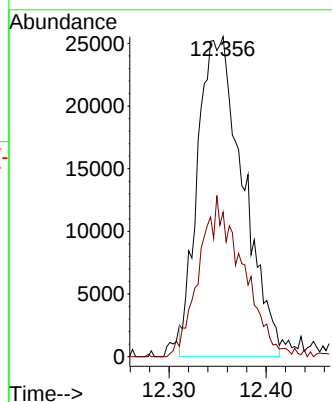
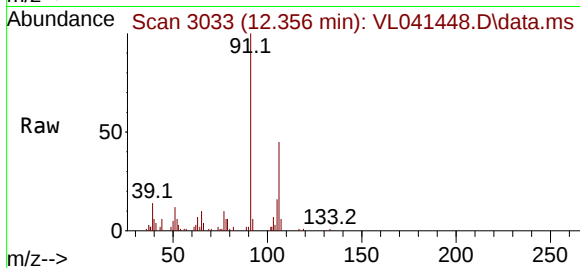
#59
m/p-Xylene
Concen: 0.309 ppbv m
RT: 12.356 min Scan# 3033
Delta R.T. -0.013 min
Lab File: VL041448.D
Acq: 30 Jul 2024 3:53

Instrument :
MSVOA_L
ClientSampleId :
ACVI-IA-05DL

Tgt Ion: 91 Resp: 82312
Ion Ratio Lower Upper
91 100
106 0.0 36.3 54.5

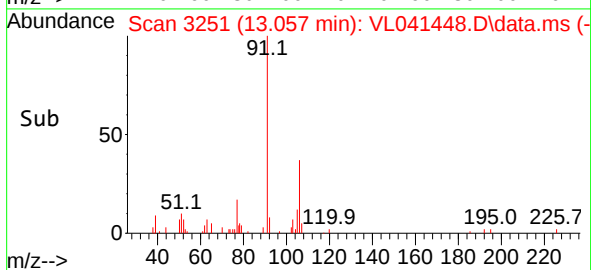
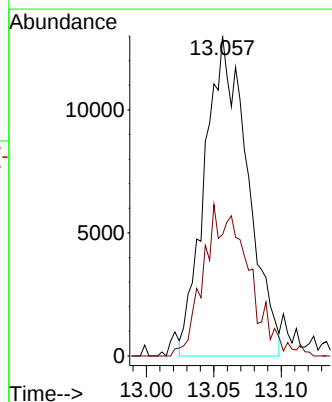
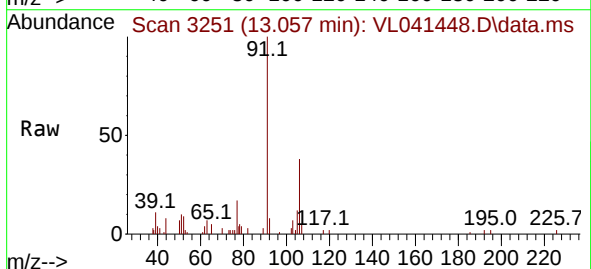
Manual Integrations
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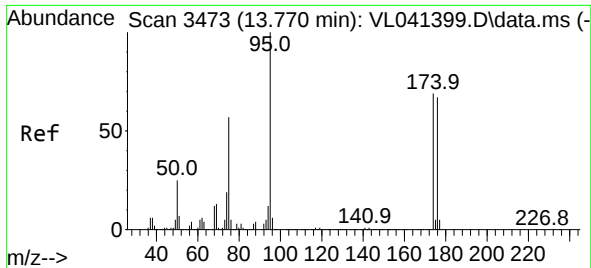
Reviewed By :Mahesh Dadoda 07/30/2024
Supervised By :Semsettin Yesilyurt 07/30/2024



#60
o-Xylene
Concen: 0.114 ppbv m
RT: 13.057 min Scan# 3251
Delta R.T. 0.000 min
Lab File: VL041448.D
Acq: 30 Jul 2024 3:53

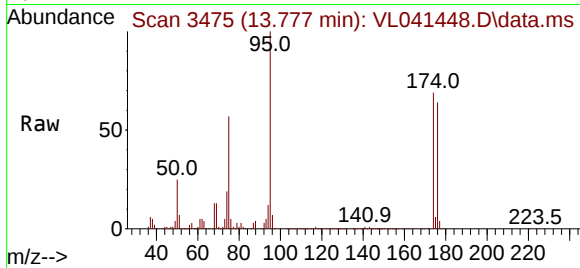
Tgt Ion: 91 Resp: 28726
Ion Ratio Lower Upper
91 100
106 0.0 23.1 69.3#





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.815 ppbv
 RT: 13.777 min Scan# 34
 Delta R.T. 0.003 min
 Lab File: VL041448.D
 Acq: 30 Jul 2024 3:53

Instrument :
 MSVOA_L
 ClientSampleId :
 ACVI-IA-05DL



Tgt Ion: 95 Resp: 2021174
 Ion Ratio Lower Upper
 95 100
 174 72.9 56.3 84.5
 175 5.6 4.0 6.0

Manual Integrations
 APPROVED

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

