

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072924\
 Data File : VL041432.D
 Acq On : 29 Jul 2024 16:59
 Operator : SY/MD
 Sample : P3342-10DL 20X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ACVI-SS-04DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 30 02:51:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 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	1114424	10.000	ppbv	0.01
33) 1,4-Difluorobenzene	6.655	114	2995155	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.468	117	2770072	10.000	ppbv	# 0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.780	95	2120939	9.949	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.500%
Target Compounds						
						Qvalue
10) Heptane	7.581	43	23154	0.169	ppbv	94
13) Ethanol	3.243	45	104245	19.138	ppbv	91
15) Acetone	3.478	43	181957m	1.437	ppbv	
20) Methylene Chloride	3.935	84	259145	5.488	ppbv	97
26) Hexane	5.214	57	240430	2.304	ppbv	# 36
36) Benzene	6.375	78	49052m	0.224	ppbv	
44) 2,2,4-Trimethylpentane	7.330	57	38224m	0.105	ppbv	
53) Toluene	9.221	91	265683	1.090	ppbv	98
58) Ethyl Benzene	12.085	91	44407m	0.139	ppbv	
59) m/p-Xylene	12.349	91	135559m	0.492	ppbv	
60) o-Xylene	13.060	91	40679m	0.156	ppbv	

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

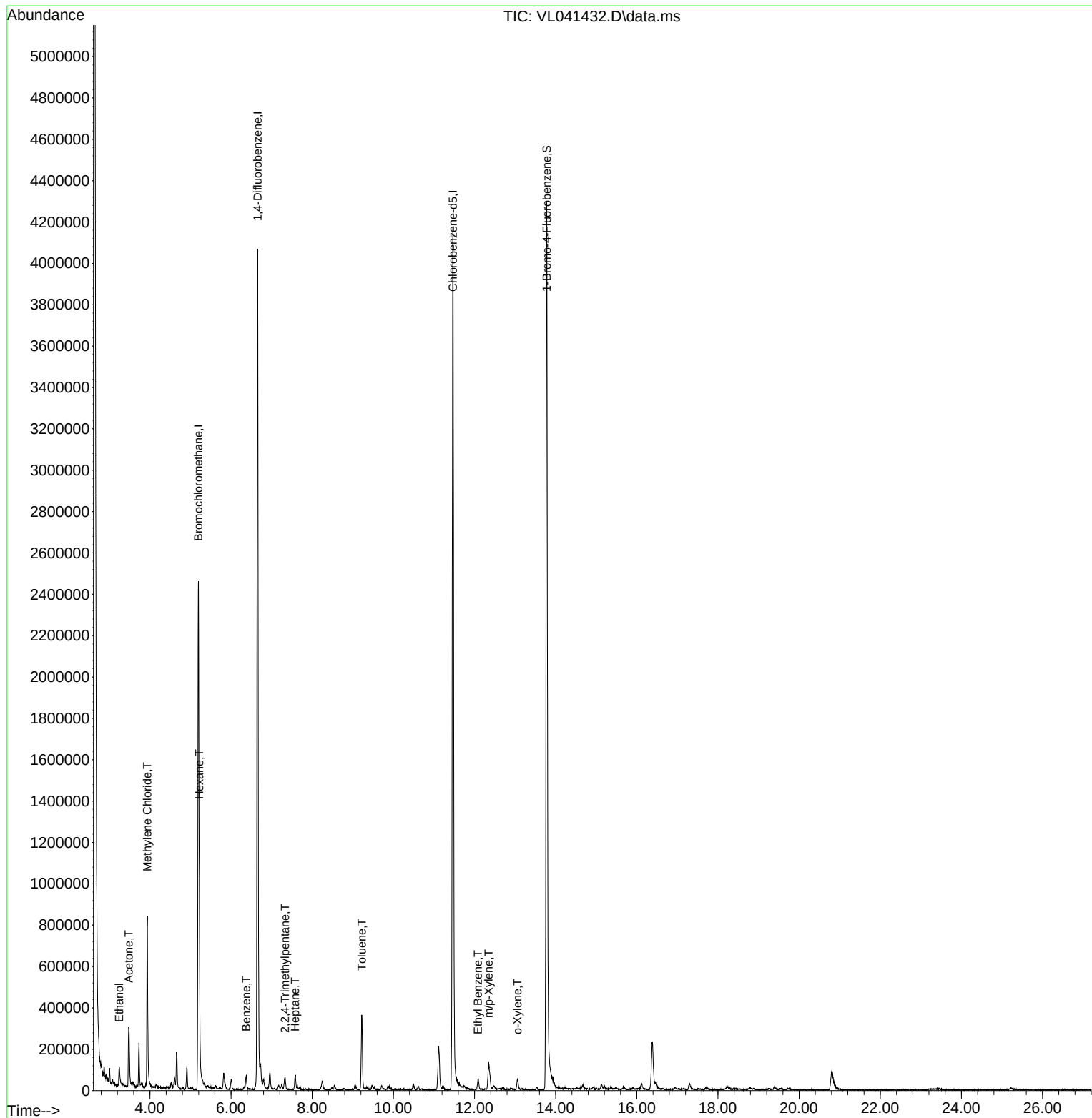
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072924\
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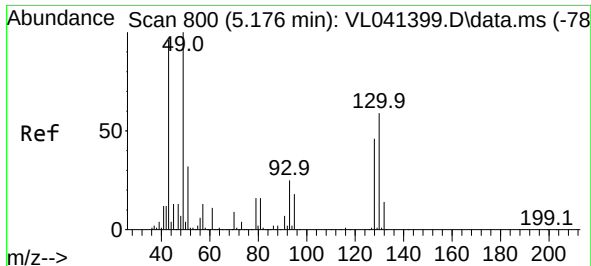
Instrument :
MSVOA_L
ClientSampleId :
ACVI-SS-04DL

Quant Time: Jul 30 02:51:37 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M
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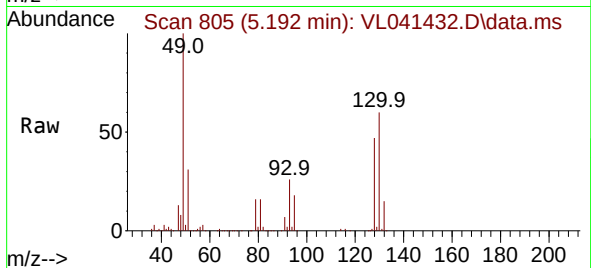
Reviewed By : Mahesh Dadoda 07/30/2024
Supervised By : Semsettin Yesilyurt 07/30/2024





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.192 min Scan# 805
Delta R.T. 0.013 min
Lab File: VL041432.D
Acq: 29 Jul 2024 16:59

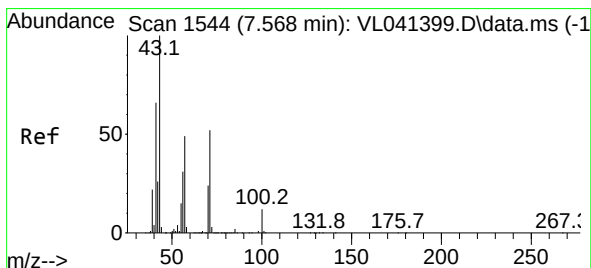
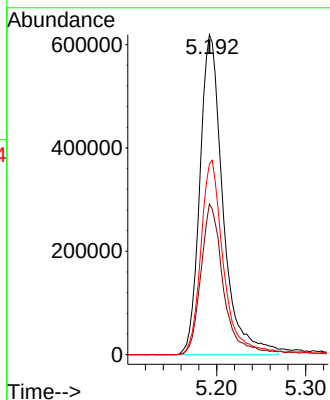
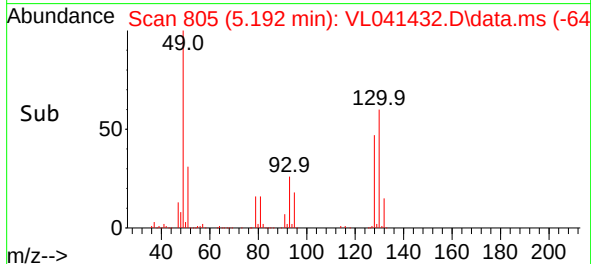
Instrument :
MSVOA_L
ClientSampleId :
ACVI-SS-04DL



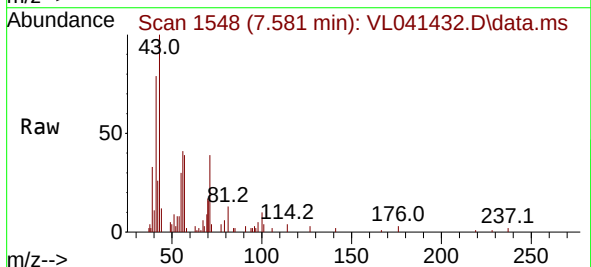
Tgt Ion: 49 Resp: 1114424
Ion Ratio Lower Upper
49 100
128 47.4 23.8 71.4
130 61.8 30.8 92.4

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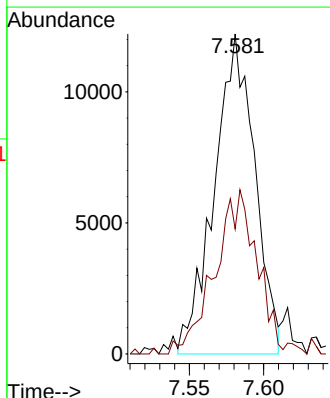
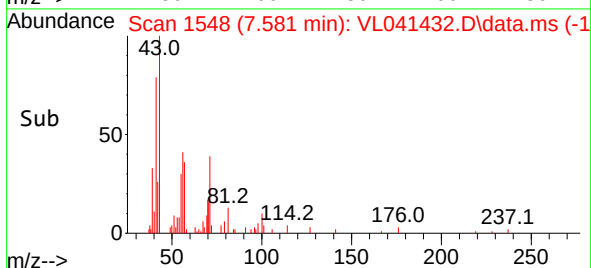
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Supervised By :Semsettin Yesilyurt 07/30/2024

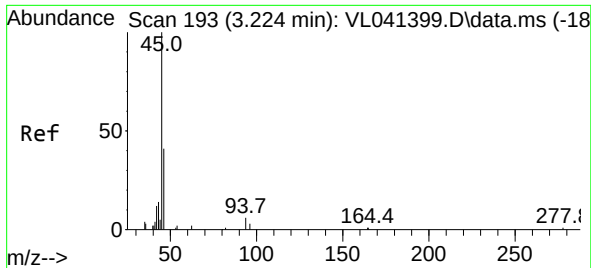


#10
Heptane
Concen: 0.169 ppbv
RT: 7.581 min Scan# 1548
Delta R.T. 0.010 min
Lab File: VL041432.D
Acq: 29 Jul 2024 16:59



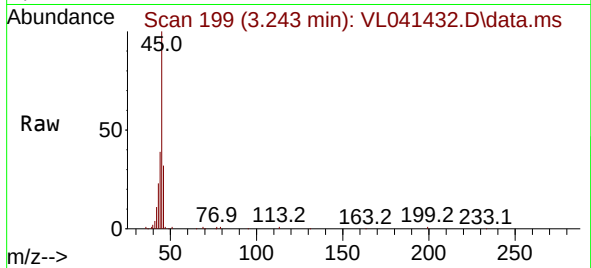
Tgt Ion: 43 Resp: 23154
Ion Ratio Lower Upper
43 100
57 54.8 40.5 60.7





#13
Ethanol
Concen: 19.138 ppbv
RT: 3.243 min Scan# 193
Delta R.T. 0.016 min
Lab File: VL041432.D
Acq: 29 Jul 2024 16:59

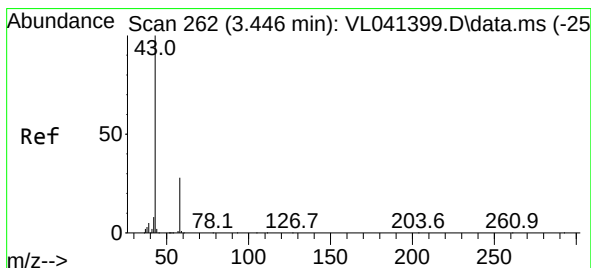
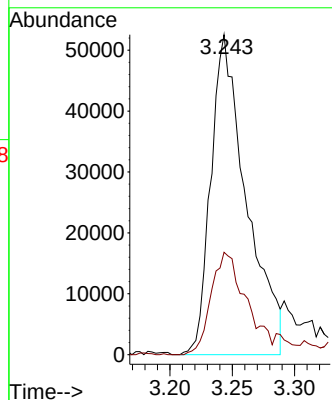
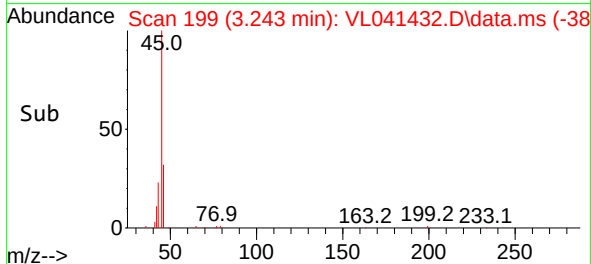
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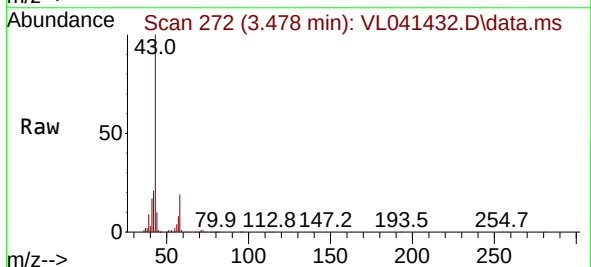
Tgt Ion: 45 Resp: 104245
Ion Ratio Lower Upper
45 100
46 38.8 13.4 53.4

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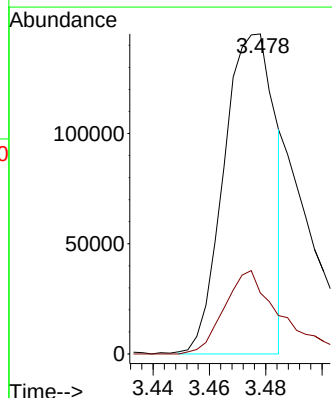
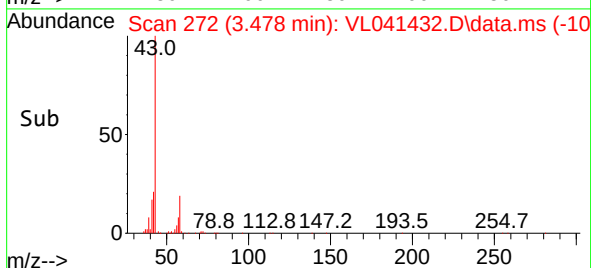
Reviewed By :Mahesh Dadoda 07/30/2024
Supervised By :Semsettin Yesilyurt 07/30/2024

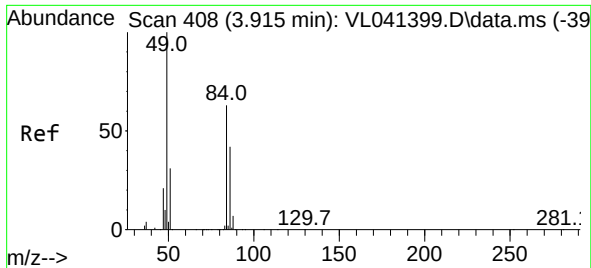


#15
Acetone
Concen: 1.437 ppbv m
RT: 3.478 min Scan# 272
Delta R.T. 0.026 min
Lab File: VL041432.D
Acq: 29 Jul 2024 16:59



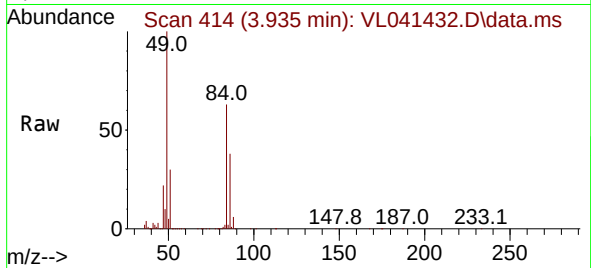
Tgt Ion: 43 Resp: 181957
Ion Ratio Lower Upper
43 100
58 32.5 21.4 32.2#





#20
Methylene Chloride
Concen: 5.488 ppbv
RT: 3.935 min Scan# 414
Delta R.T. 0.016 min
Lab File: VL041432.D
Acq: 29 Jul 2024 16:59

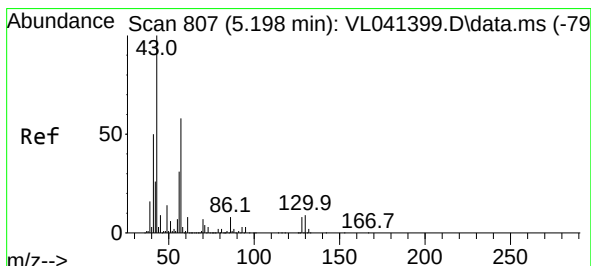
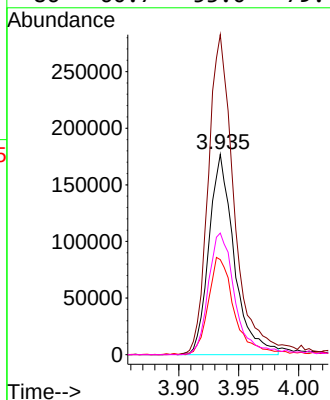
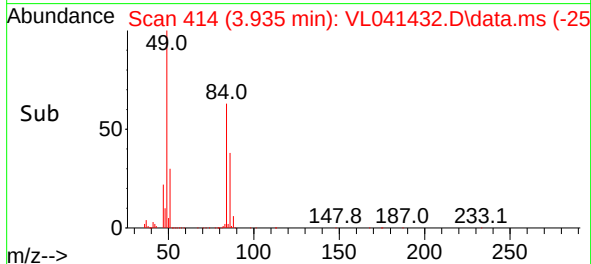
Instrument :
MSVOA_L
ClientSampleId :
ACVI-SS-04DL



Tgt Ion: 84 Resp: 25914
Ion Ratio Lower Upper
84 100
49 159.7 126.6 190.0
51 47.2 38.6 58.0
86 60.7 53.0 79.4

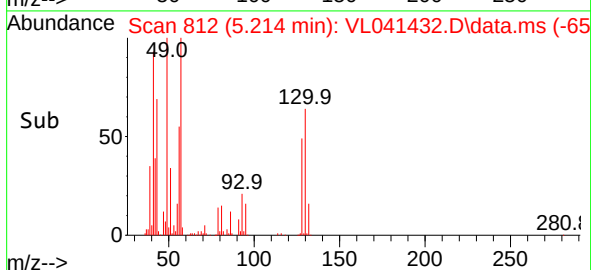
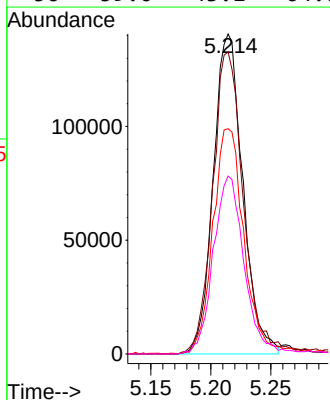
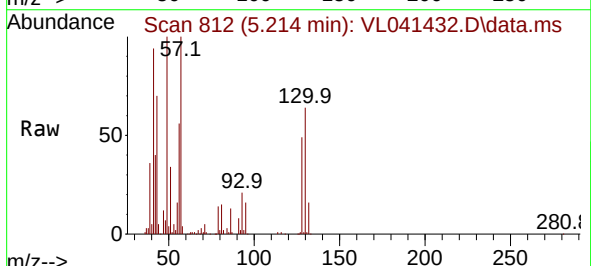
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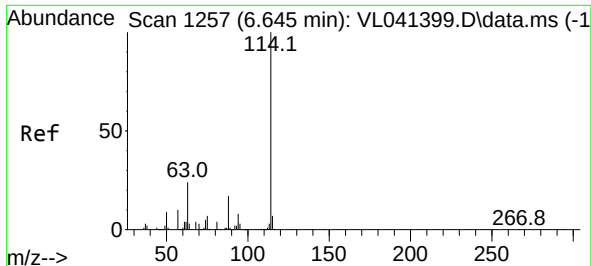
Reviewed By :Mahesh Dadoda 07/30/2024
Supervised By :Semsettin Yesilyurt 07/30/2024



#26
Hexane
Concen: 2.304 ppbv
RT: 5.214 min Scan# 812
Delta R.T. 0.016 min
Lab File: VL041432.D
Acq: 29 Jul 2024 16:59

Tgt Ion: 57 Resp: 240430
Ion Ratio Lower Upper
57 100
41 99.6 74.0 111.0
43 75.3 193.6 290.4#
56 59.0 43.1 64.7





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.655 min Scan# 1173

Delta R.T. 0.010 min

Lab File: VL041432.D

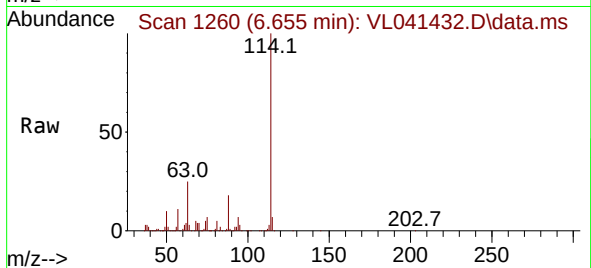
Acq: 29 Jul 2024 16:59

Instrument :

MSVOA_L

ClientSampleId :

ACVI-SS-04DL



Tgt Ion: 114 Resp: 299515

Ion Ratio Lower Upper

114 100

63 25.3 20.3 30.5

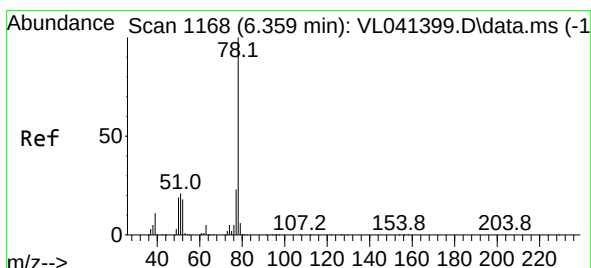
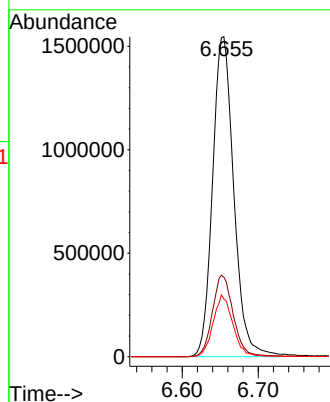
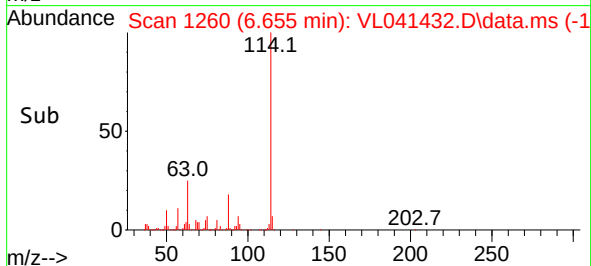
88 18.0 14.3 21.5

Manual Integrations

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Reviewed By :Mahesh Dadoda 07/30/2024

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#36

Benzene

Concen: 0.224 ppbv m

RT: 6.375 min Scan# 1173

Delta R.T. 0.016 min

Lab File: VL041432.D

Acq: 29 Jul 2024 16:59

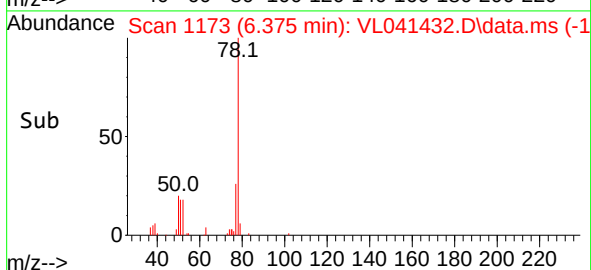
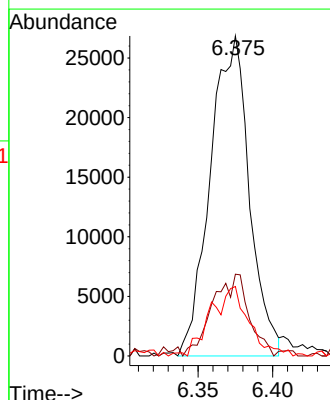
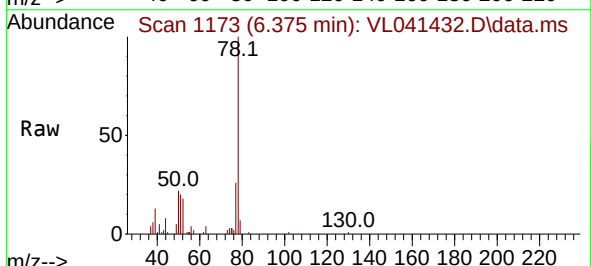
Tgt Ion: 78 Resp: 49052

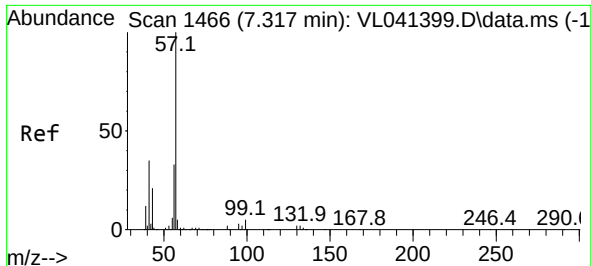
Ion Ratio Lower Upper

78 100

77 25.6 18.1 27.1

50 21.7 15.5 23.3





#44

2,2,4-Trimethylpentane

Concen: 0.105 ppbv m

RT: 7.330 min Scan# 1466

Delta R.T. 0.013 min

Lab File: VL041432.D

Acq: 29 Jul 2024 16:59

Instrument :

MSVOA_L

ClientSampleId :

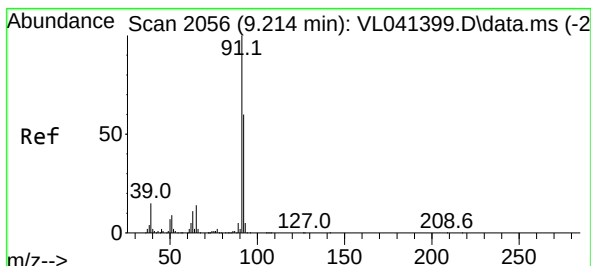
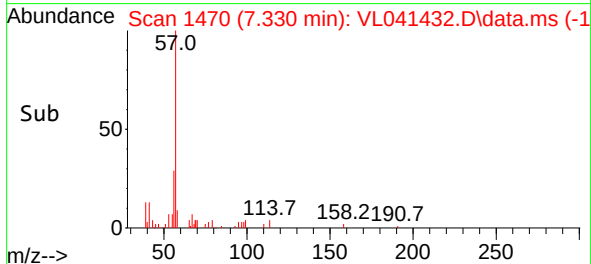
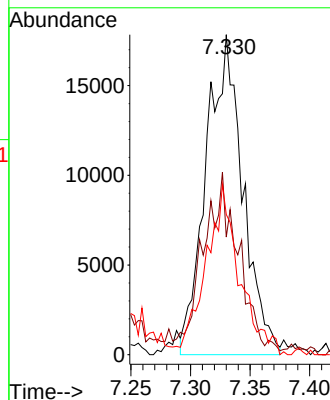
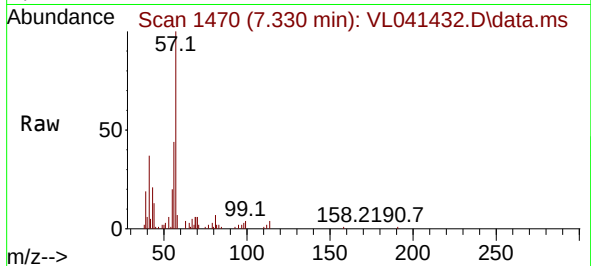
ACVI-SS-04DL

Tgt Ion: 57	Resp: 38224
Ion Ratio	Lower Upper
57 100	
41 60.1	27.0 40.6
56 49.1	25.2 37.8

Manual Integrations

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#53

Toluene

Concen: 1.090 ppbv

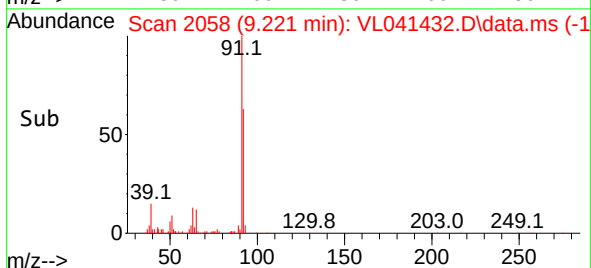
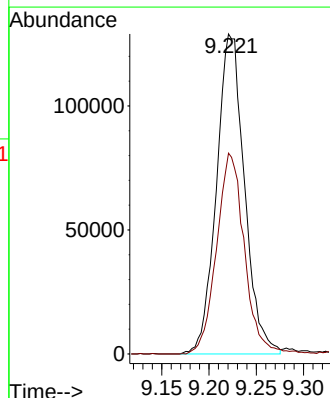
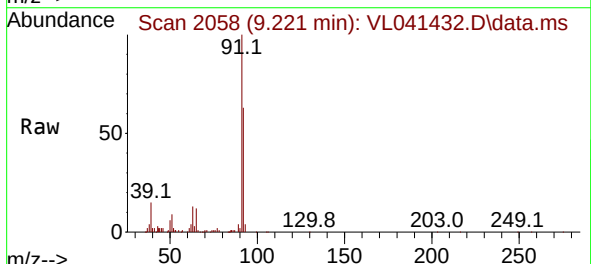
RT: 9.221 min Scan# 2058

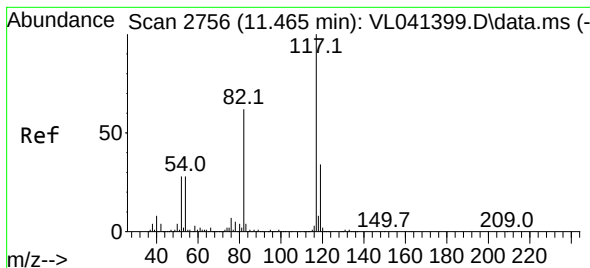
Delta R.T. 0.003 min

Lab File: VL041432.D

Acq: 29 Jul 2024 16:59

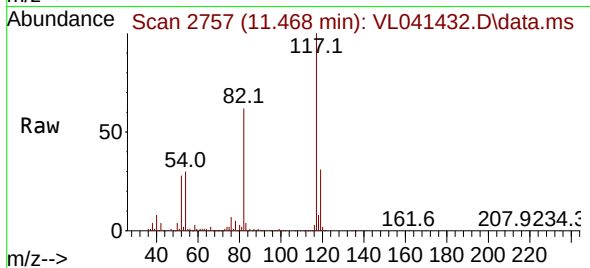
Tgt Ion: 91	Resp: 265683
Ion Ratio	Lower Upper
91 100	
92 62.4	48.7 73.1





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.468 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL041432.D
Acq: 29 Jul 2024 16:59

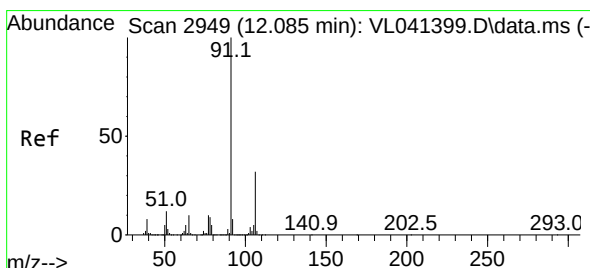
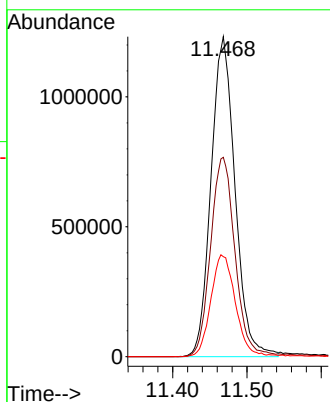
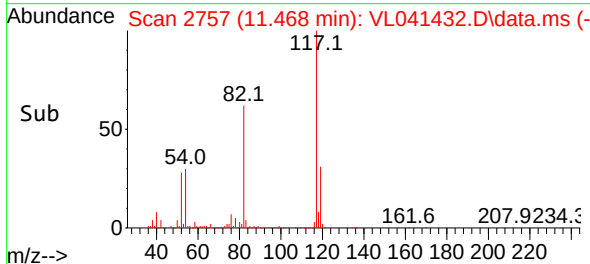
Instrument :
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ClientSampleId :
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Tgt Ion: 117 Resp: 2770072
Ion Ratio Lower Upper
117 100
82 64.5 51.0 76.6
119 33.2 45.2 67.8

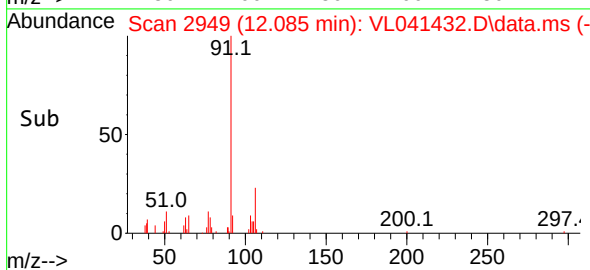
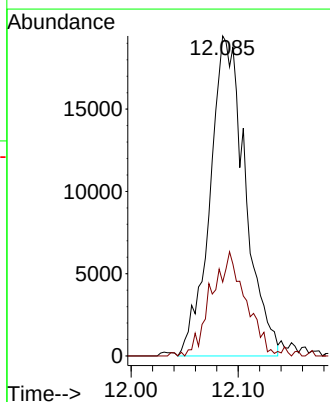
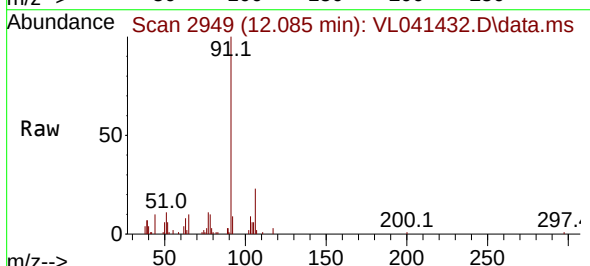
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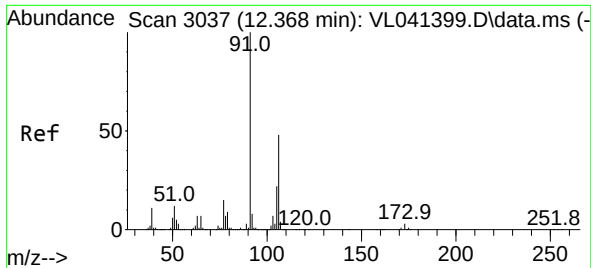
Reviewed By :Mahesh Dadoda 07/30/2024
Supervised By :Semsettin Yesilyurt 07/30/2024



#58
Ethyl Benzene
Concen: 0.139 ppbv m
RT: 12.085 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VL041432.D
Acq: 29 Jul 2024 16:59

Tgt Ion: 91 Resp: 44407
Ion Ratio Lower Upper
91 100
106 23.1 25.8 38.8#





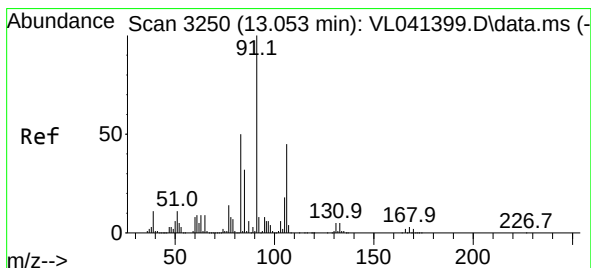
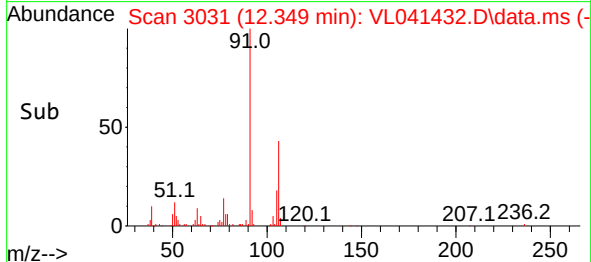
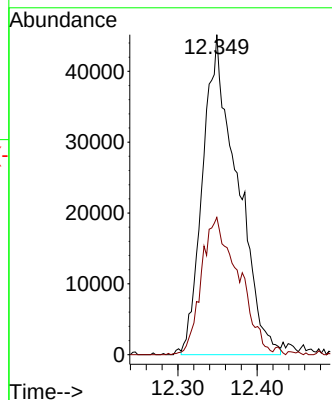
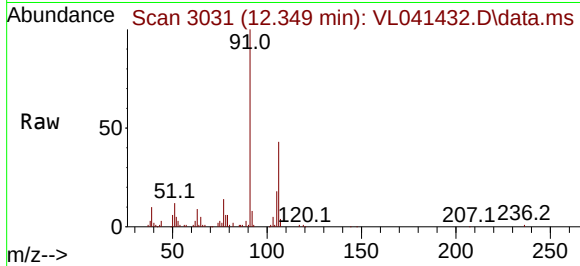
#59
m/p-Xylene
Concen: 0.492 ppbv m
RT: 12.349 min Scan# 3031
Delta R.T. -0.019 min
Lab File: VL041432.D
Acq: 29 Jul 2024 16:59

Instrument :
MSVOA_L
ClientSampleId :
ACVI-SS-04DL

Tgt Ion: 91 Resp: 13555
Ion Ratio Lower Upper
91 100
106 0.0 36.3 54.5

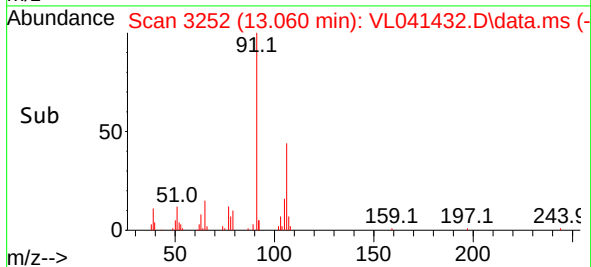
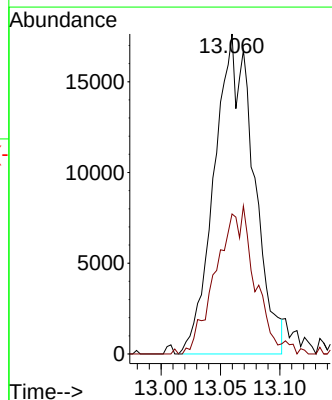
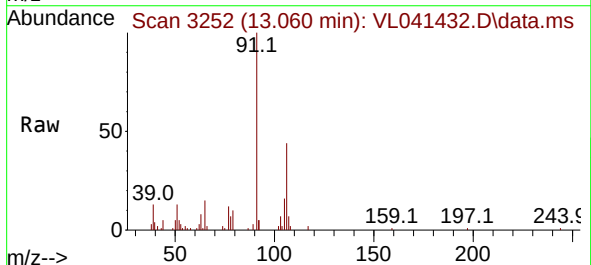
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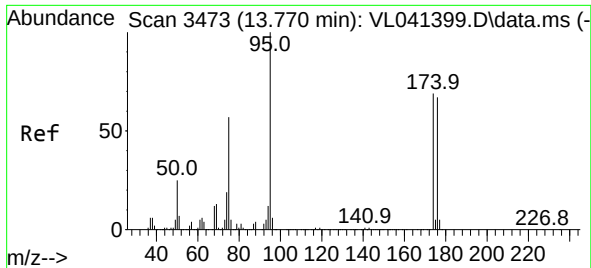
Reviewed By :Mahesh Dadoda 07/30/2024
Supervised By :Semsettin Yesilyurt 07/30/2024



#60
o-Xylene
Concen: 0.156 ppbv m
RT: 13.060 min Scan# 3252
Delta R.T. 0.003 min
Lab File: VL041432.D
Acq: 29 Jul 2024 16:59

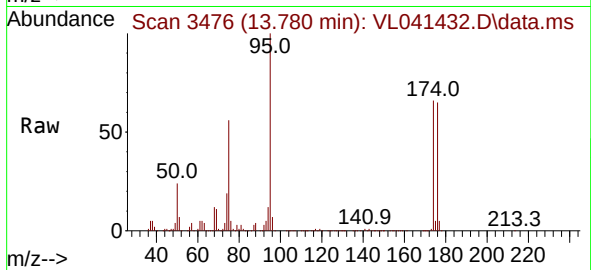
Tgt Ion: 91 Resp: 40679
Ion Ratio Lower Upper
91 100
106 0.0 23.1 69.3





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.949 ppbv
 RT: 13.780 min Scan# 3476
 Delta R.T. 0.006 min
 Lab File: VL041432.D
 Acq: 29 Jul 2024 16:59

Instrument :
 MSVOA_L
 ClientSampleId :
 ACVI-SS-04DL



Tgt Ion: 95 Resp: 2120939
 Ion Ratio Lower Upper
 95 100
 174 72.0 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

