

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072924\
 Data File : VL041426.D
 Acq On : 29 Jul 2024 12:54
 Operator : SY/MD
 Sample : P3342-01DL 20X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ACVI-SS-01DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 30 02:48:44 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	5.189	49	1105403	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.652	114	3003971	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.468	117	2792283	10.000	ppbv	# 0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.780	95	2147701	9.995	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.900%
Target Compounds						
					Qvalue	
10) Heptane	7.578	43	15374m	0.113	ppbv	
13) Ethanol	3.243	45	86217	15.957	ppbv	83
19) Isopropyl Alcohol	3.591	45	33246	0.453	ppbv	# 81
20) Methylene Chloride	3.931	84	194058	4.143	ppbv	97
26) Hexane	5.211	57	167184	1.615	ppbv	# 38
36) Benzene	6.372	78	39662m	0.181	ppbv	
53) Toluene	9.224	91	161670	0.661	ppbv	99
59) m/p-Xylene	12.339	91	72907m	0.262	ppbv	
60) o-Xylene	13.063	91	25034m	0.095	ppbv	

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

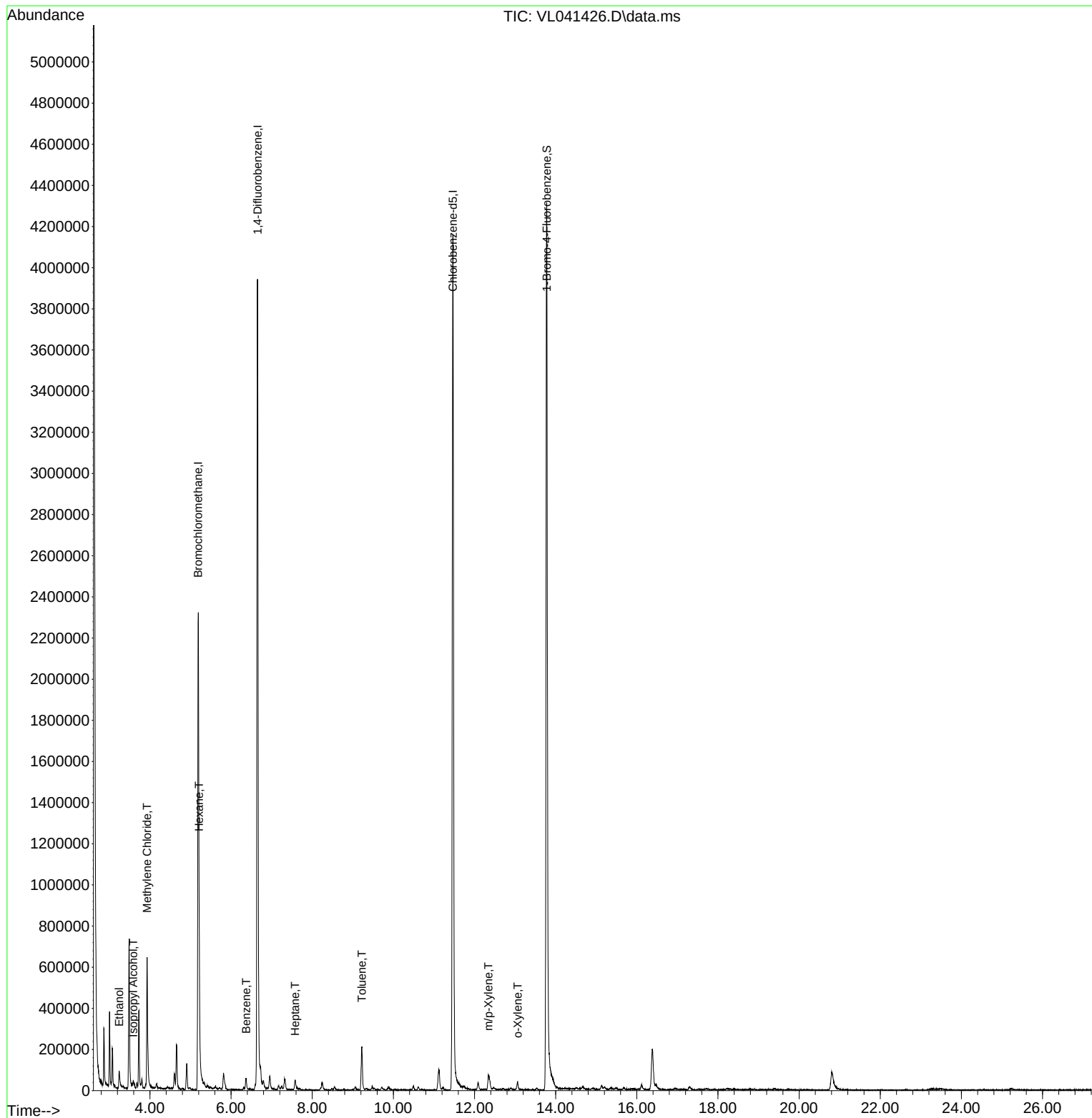
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072924\
Data File : VL041426.D
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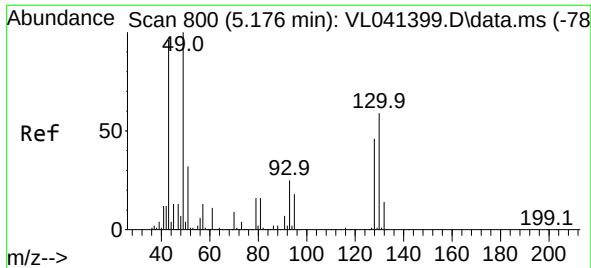
Instrument :
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ClientSampleId :
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Quant Time: Jul 30 02:48:44 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M
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Response via : Initial Calibration

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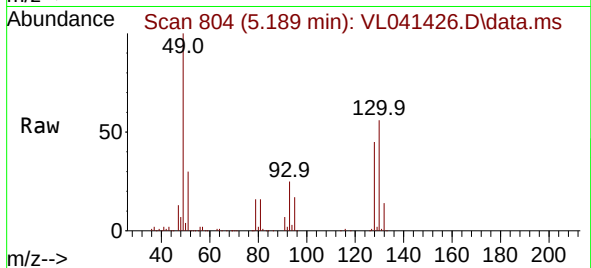
Reviewed By : Mahesh Dadoda 07/30/2024
Supervised By : Semsettin Yesilyurt 07/30/2024





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.189 min Scan# 804
Delta R.T. 0.010 min
Lab File: VL041426.D
Acq: 29 Jul 2024 12:54

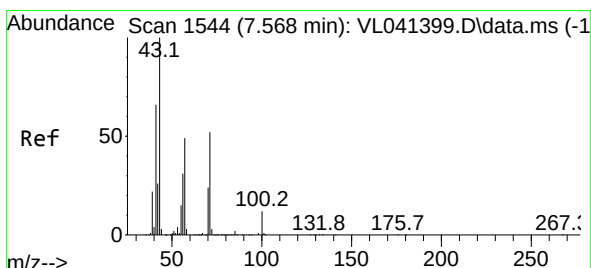
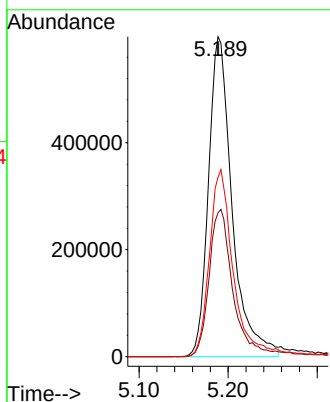
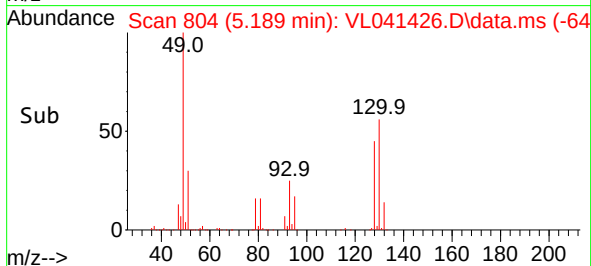
Instrument :
MSVOA_L
ClientSampleId :
ACVI-SS-01DL



Tgt Ion: 49 Resp: 110540
Ion Ratio Lower Upper
49 100
128 47.5 23.8 71.4
130 61.2 30.8 92.4

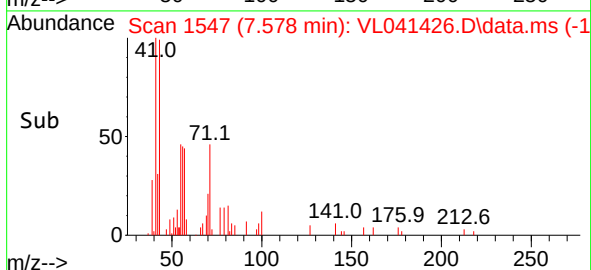
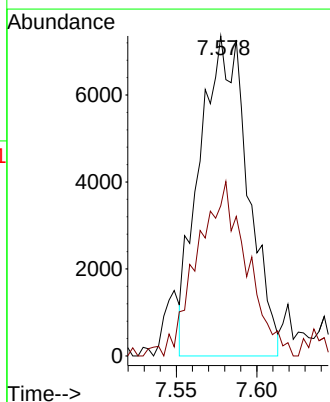
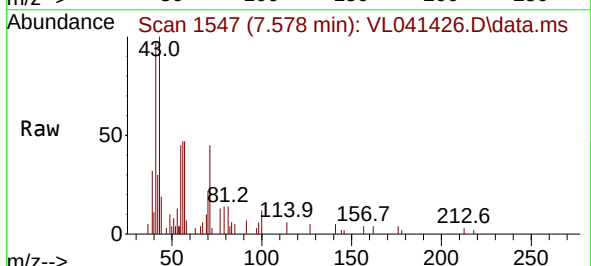
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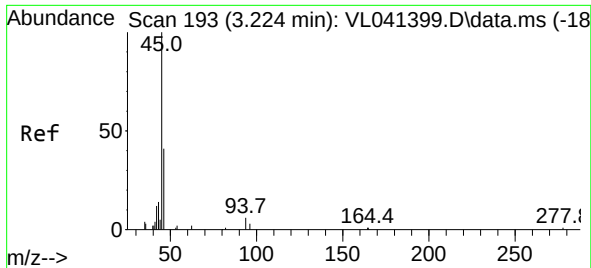
Reviewed By :Mahesh Dadoda 07/30/2024
Supervised By :Semsettin Yesilyurt 07/30/2024



#10
Heptane
Concen: 0.113 ppbv m
RT: 7.578 min Scan# 1547
Delta R.T. 0.006 min
Lab File: VL041426.D
Acq: 29 Jul 2024 12:54

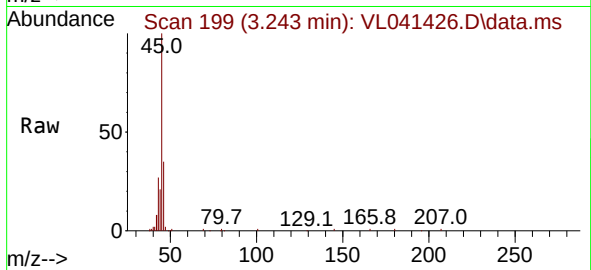
Tgt Ion: 43 Resp: 15374
Ion Ratio Lower Upper
43 100
57 0.0 40.5 60.7#





#13
Ethanol
Concen: 15.957 ppbv
RT: 3.243 min Scan# 19
Delta R.T. 0.016 min
Lab File: VL041426.D
Acq: 29 Jul 2024 12:54

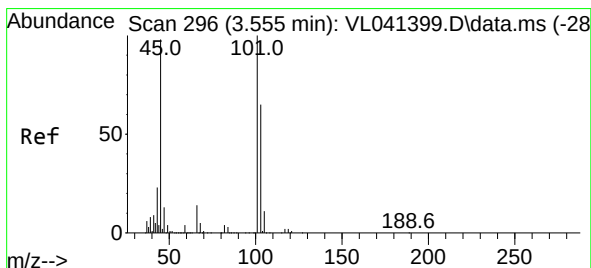
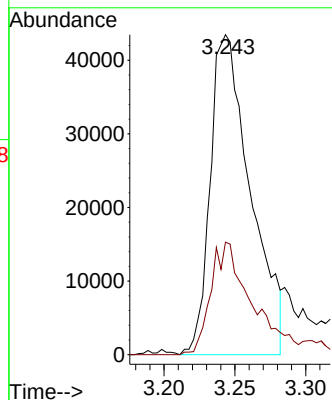
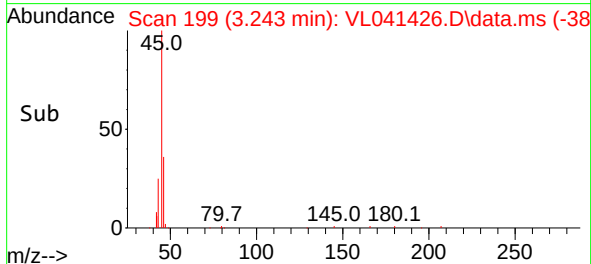
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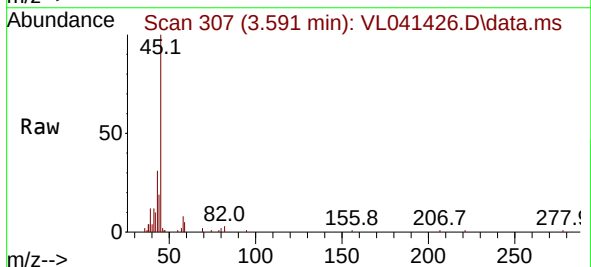
Tgt Ion: 45 Resp: 8621
Ion Ratio Lower Upper
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46 43.2 13.4 53.4

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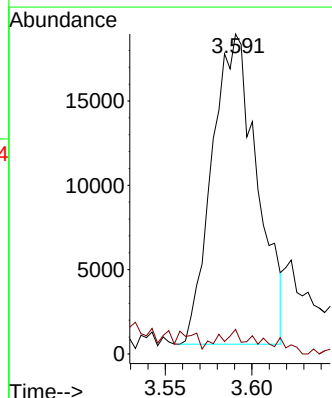
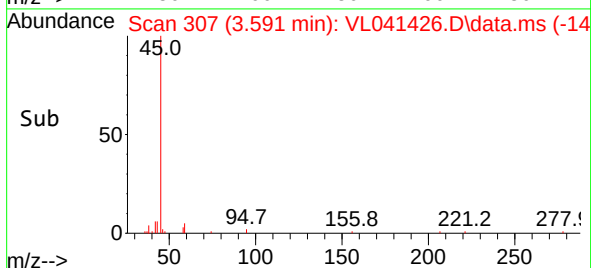
Reviewed By :Mahesh Dadoda 07/30/2024
Supervised By :Semsettin Yesilyurt 07/30/2024

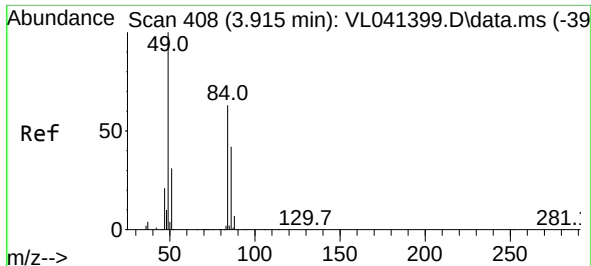


#19
Isopropyl Alcohol
Concen: 0.453 ppbv
RT: 3.591 min Scan# 307
Delta R.T. 0.029 min
Lab File: VL041426.D
Acq: 29 Jul 2024 12:54



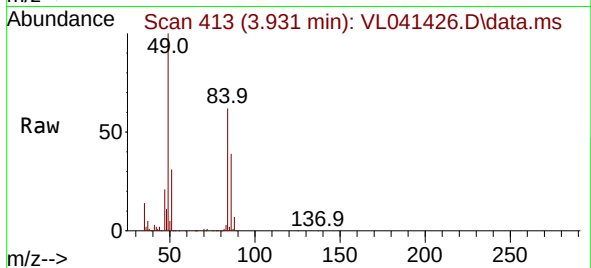
Tgt Ion: 45 Resp: 33246
Ion Ratio Lower Upper
45 100
58 8.9 1.9 2.9#





#20
Methylene Chloride
Concen: 4.143 ppbv
RT: 3.931 min Scan# 413
Delta R.T. 0.013 min
Lab File: VL041426.D
Acq: 29 Jul 2024 12:54

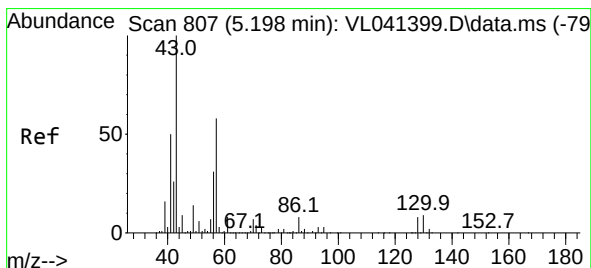
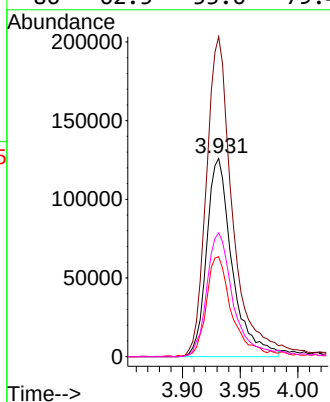
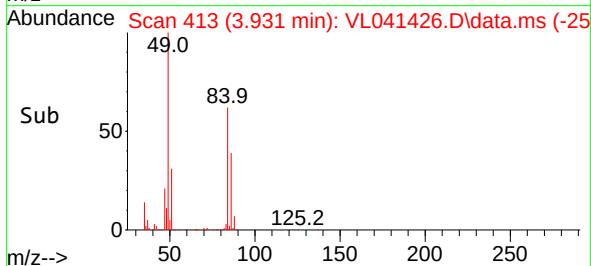
Instrument :
MSVOA_L
ClientSampleId :
ACVI-SS-01DL



Tgt Ion: 84 Resp: 194058
Ion Ratio Lower Upper
84 100
49 161.4 126.6 190.0
51 49.8 38.6 58.0
86 62.5 53.0 79.4

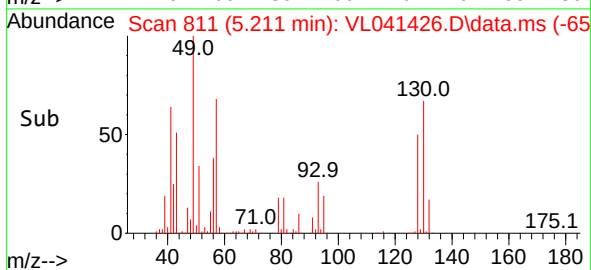
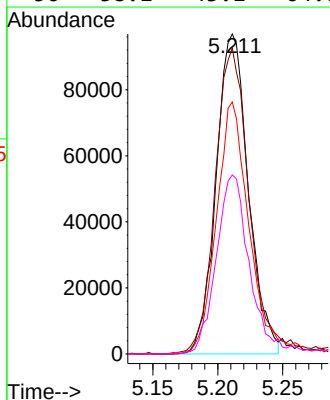
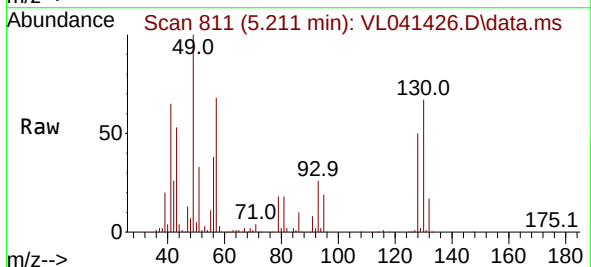
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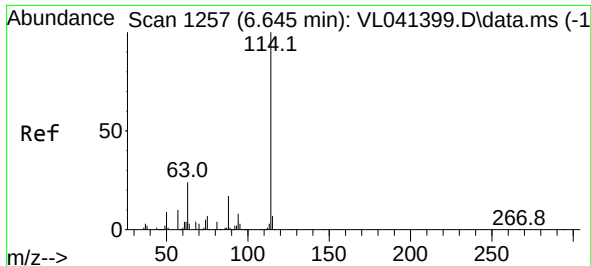
Reviewed By :Mahesh Dadoda 07/30/2024
Supervised By :Semsettin Yesilyurt 07/30/2024



#26
Hexane
Concen: 1.615 ppbv
RT: 5.211 min Scan# 811
Delta R.T. 0.013 min
Lab File: VL041426.D
Acq: 29 Jul 2024 12:54

Tgt Ion: 57 Resp: 167184
Ion Ratio Lower Upper
57 100
41 103.1 74.0 111.0
43 80.6 193.6 290.4#
56 58.1 43.1 64.7





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.652 min Scan# 1172

Delta R.T. 0.006 min

Lab File: VL041426.D

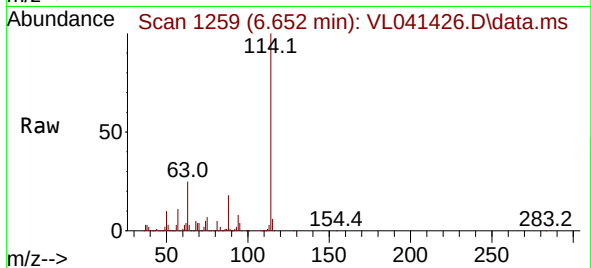
Acq: 29 Jul 2024 12:54

Instrument :

MSVOA_L

ClientSampleId :

ACVI-SS-01DL



Tgt Ion:114 Resp: 300397

Ion Ratio Lower Upper

114 100

63 25.1 20.3 30.5

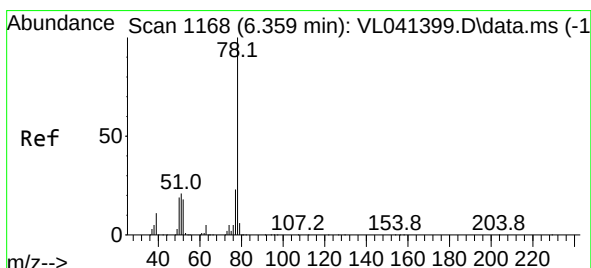
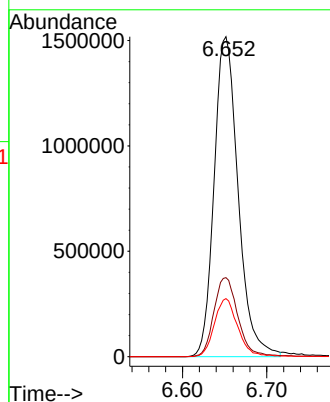
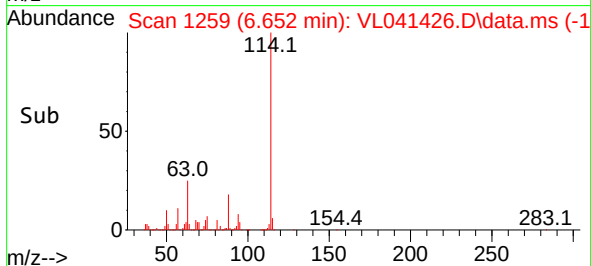
88 17.9 14.3 21.5

Manual Integrations

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Reviewed By :Mahesh Dadoda 07/30/2024

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#36

Benzene

Concen: 0.181 ppbv m

RT: 6.372 min Scan# 1172

Delta R.T. 0.013 min

Lab File: VL041426.D

Acq: 29 Jul 2024 12:54

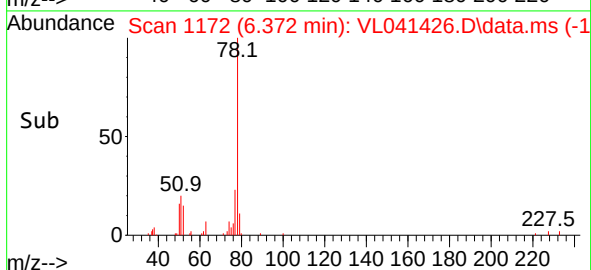
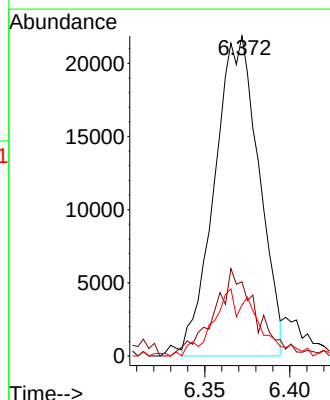
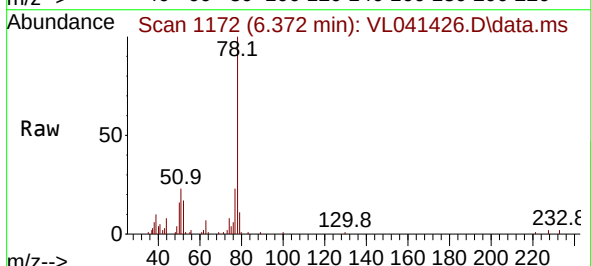
Tgt Ion: 78 Resp: 39662

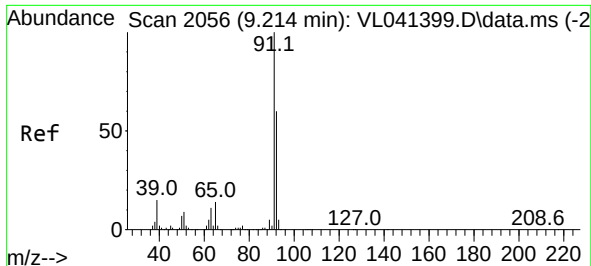
Ion Ratio Lower Upper

78 100

77 23.2 18.1 27.1

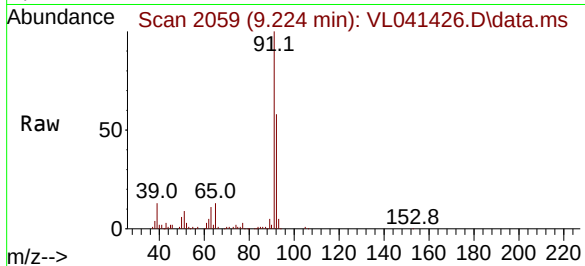
50 15.9 15.5 23.3





#53
Toluene
Concen: 0.661 ppbv
RT: 9.224 min Scan# 2056
Delta R.T. 0.006 min
Lab File: VL041426.D
Acq: 29 Jul 2024 12:54

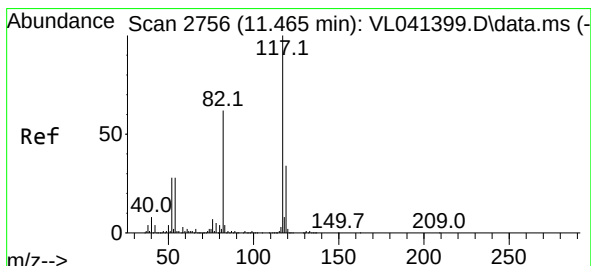
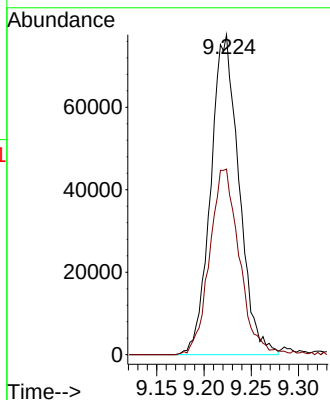
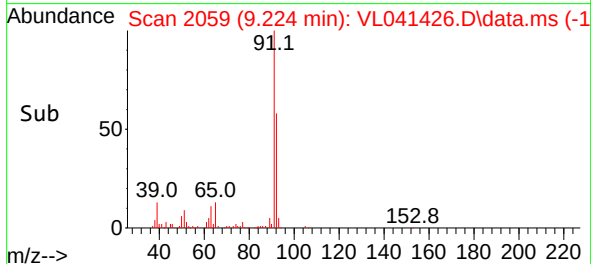
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MSVOA_L
ClientSampleId :
ACVI-SS-01DL



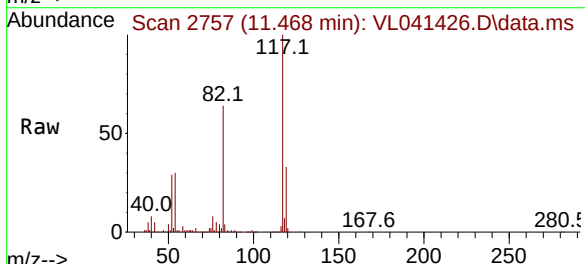
Tgt Ion: 91 Resp: 161670
Ion Ratio Lower Upper
91 100
92 61.4 48.7 73.1

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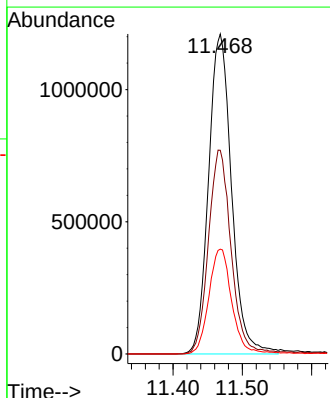
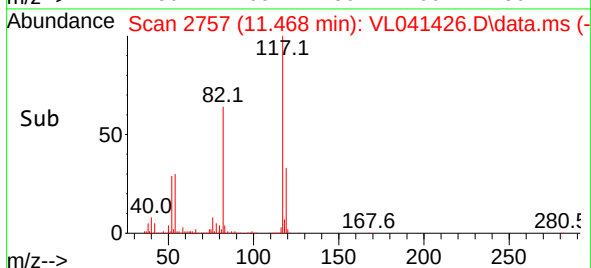
Reviewed By :Mahesh Dadoda 07/30/2024
Supervised By :Semsettin Yesilyurt 07/30/2024

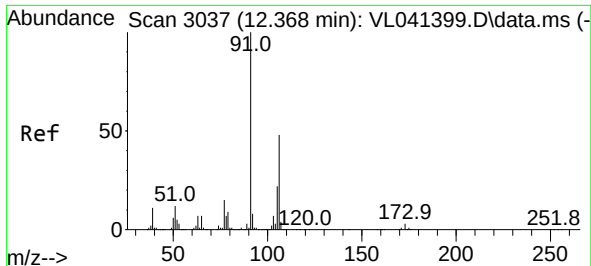


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.468 min Scan# 2757
Delta R.T. 0.003 min
Lab File: VL041426.D
Acq: 29 Jul 2024 12:54



Tgt Ion:117 Resp: 2792283
Ion Ratio Lower Upper
117 100
82 63.1 51.0 76.6
119 33.1 45.2 67.8#





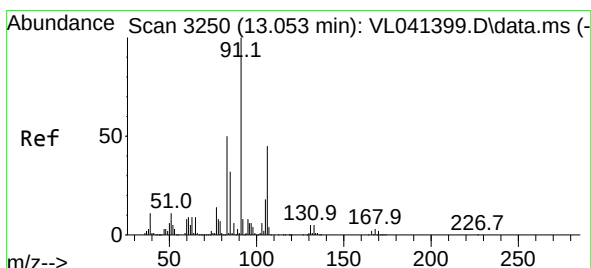
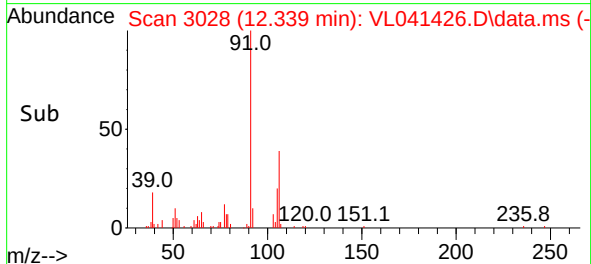
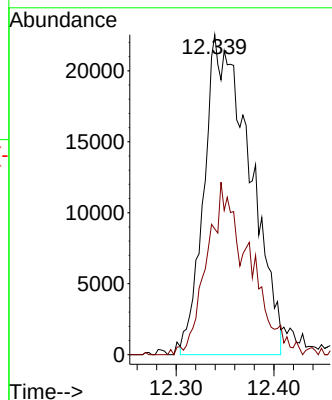
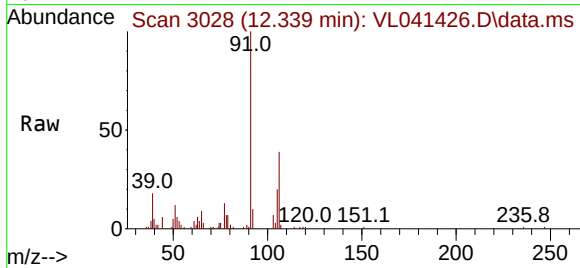
#59
m/p-Xylene
Concen: 0.262 ppbv m
RT: 12.339 min Scan# 3037
Delta R.T. -0.029 min
Lab File: VL041426.D
Acq: 29 Jul 2024 12:54

Instrument :
MSVOA_L
ClientSampleId :
ACVI-SS-01DL

Tgt Ion: 91 Resp: 72907
Ion Ratio Lower Upper
91 100
106 0.0 36.3 54.5

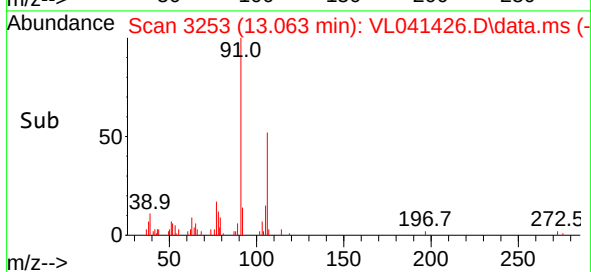
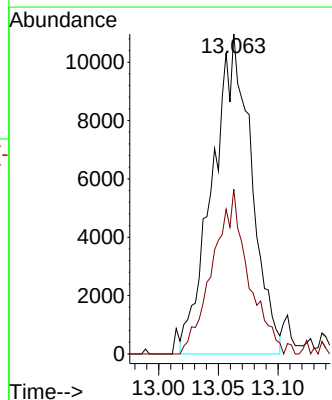
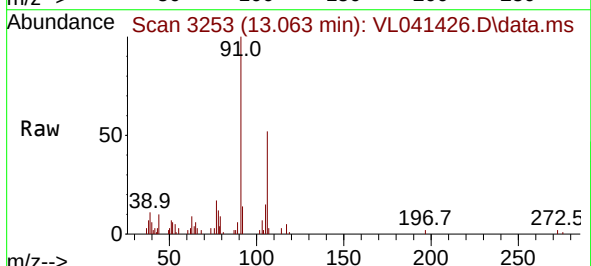
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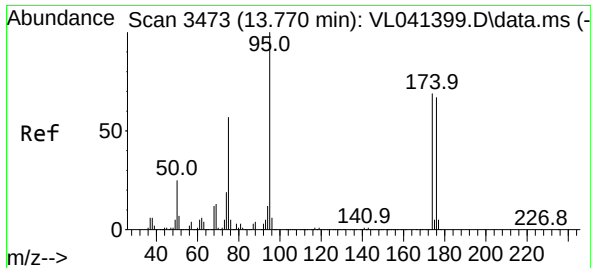
Reviewed By :Mahesh Dadoda 07/30/2024
Supervised By :Semsettin Yesilyurt 07/30/2024



#60
o-Xylene
Concen: 0.095 ppbv m
RT: 13.063 min Scan# 3253
Delta R.T. 0.006 min
Lab File: VL041426.D
Acq: 29 Jul 2024 12:54

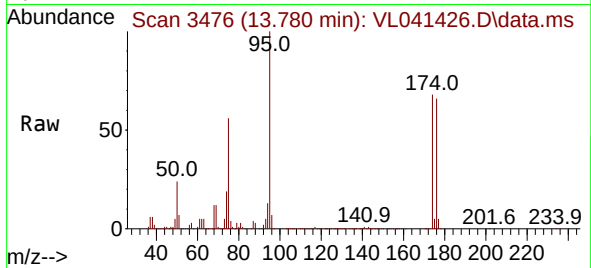
Tgt Ion: 91 Resp: 25034
Ion Ratio Lower Upper
91 100
106 48.5 23.1 69.3





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.995 ppbv
 RT: 13.780 min Scan# 3476
 Delta R.T. 0.006 min
 Lab File: VL041426.D
 Acq: 29 Jul 2024 12:54

Instrument :
 MSVOA_L
 ClientSampleId :
 ACVI-SS-01DL



Tgt Ion: 95 Resp: 214770
 Ion Ratio Lower Upper
 95 100
 174 70.8 56.3 84.5
 175 5.2 4.0 6.0

Manual Integrations
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