

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072224\
 Data File : VL041386.D
 Acq On : 22 Jul 2024 14:44
 Operator : SY/MD
 Sample : P3259-03DUP
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1DUP

Manual Integrations
 APPROVED

Reviewed By : Mahesh Dadoda 07/23/2024
 Supervised By : Semsettin Yesilyurt 07/24/2024

Quant Time: Jul 23 03:15:30 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL062624AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Tue Jul 23 02:50:01 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	5.246	49	835420	10.000	ppbv	0.04
33) 1,4-Difluorobenzene	6.684	114	2390931	10.000	ppbv	0.02
55) Chlorobenzene-d5	11.474	117	2250718	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.777 95 1707863 10.124 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 101.200%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.729	85	87509	0.614	ppbv	99
3) Chlorodifluoromethane	2.674	51	44747m	0.311	ppbv	
4) Chloromethane	2.812	50	57641m	1.047	ppbv	
9) Propene	2.706	41	126159	2.531	ppbv #	75
10) Heptane	7.529	43	1393162m	11.899	ppbv	
11) Trichlorofluoromethane	3.552	101	539651	3.889	ppbv #	25
13) Ethanol	3.304	45	10008020	905.045	ppbv	87
15) Acetone	3.468	43	72771449m	659.549	ppbv	
17) tert-Butyl alcohol	3.931	59	154895m	1.820	ppbv	
19) Isopropyl Alcohol	3.629	45	12967974	214.098	ppbv #	94
20) Methylene Chloride	3.976	84	616674	15.403	ppbv	98
23) Vinyl Acetate	4.658	43	338150m	3.109	ppbv	
25) Ethyl Acetate	5.240	43	23097287	113.685	ppbv #	57
26) Hexane	5.208	57	579716	6.444	ppbv #	1
29) Chloroform	5.320	83	16503	0.119	ppbv	90
32) 1,1,1-Trichloroethane	6.037	97	129609m	0.890	ppbv	
34) 2-Butanone	4.828	43	397351	3.149	ppbv	100
35) Carbon Tetrachloride	6.523	117	7973m	0.050	ppbv	
36) Benzene	6.401	78	78292	0.396	ppbv	94
37) 1,2-Dichloroethane	5.841	62	14443m	0.127	ppbv	
44) 2,2,4-Trimethylpentane	7.327	57	51396m	0.153	ppbv	
50) 4-Methyl-2-Pentanone	8.192	43	38035m	0.188	ppbv	
52) Tetrachloroethene	10.619	164	5866m	0.074	ppbv	
53) Toluene	9.237	91	2422600	10.855	ppbv	99
58) Ethyl Benzene	12.092	91	160590	0.533	ppbv	93
59) m/p-Xylene	12.349	91	656298	2.518	ppbv	95
60) o-Xylene	13.060	91	309492	1.258	ppbv	100
61) Styrene	12.902	104	14651m	0.123	ppbv	
62) Isopropylbenzene	14.031	105	62204	0.164	ppbv	98
64) n-propylbenzene	14.918	120	37110m	0.374	ppbv	
65) tert-Butylbenzene	16.111	119	82686	0.245	ppbv #	63
67) sec-Butylbenzene	16.635	105	49807m	0.104	ppbv	
69) p-Isopropyltoluene	16.992	119	66683m	0.169	ppbv	
70) n-Butylbenzene	17.895	91	53772m	0.133	ppbv	
72) 4-Ethyltoluene	15.195	105	191769	0.655	ppbv #	94
73) 1,3,5-Trimethylbenzene	15.352	105	245050	0.977	ppbv	97
74) 1,2,4-Trimethylbenzene	16.105	105	696542	2.465	ppbv #	73
79) Naphthalene	21.394	128	20682m	0.136	ppbv	

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

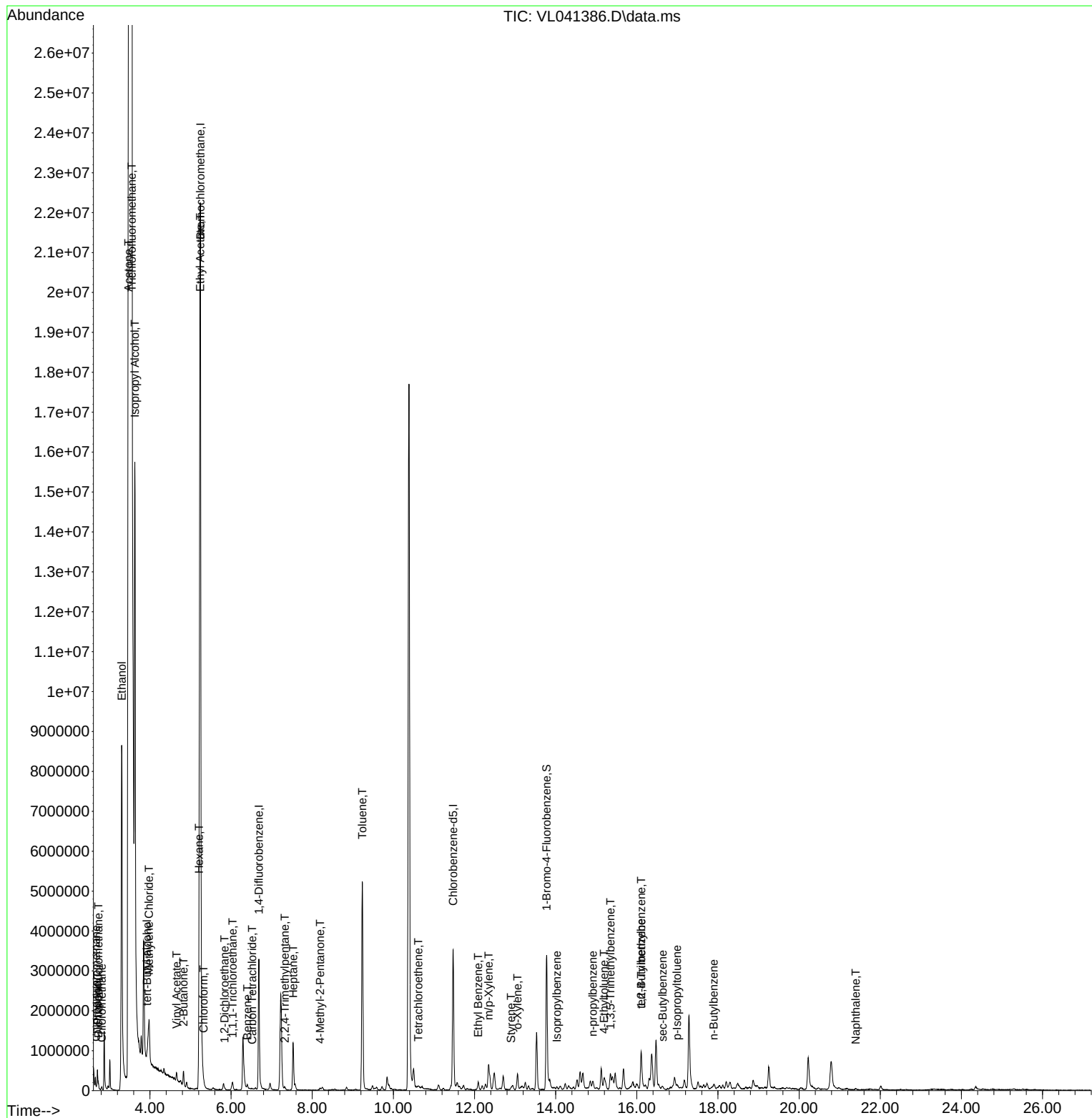
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072224\
Data File : VL041386.D
Acq On : 22 Jul 2024 14:44
Operator : SY/MD
Sample : P3259-03DUP
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

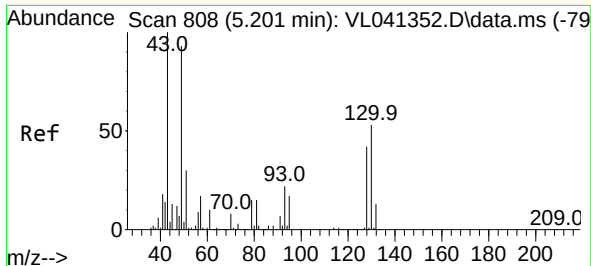
Instrument :
MSVOA_L
ClientSampleId :
IA1DUP

Quant Time: Jul 23 03:15:30 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL062624AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Tue Jul 23 02:50:01 2024
Response via : Initial Calibration

Manual Integrations
APPROVED

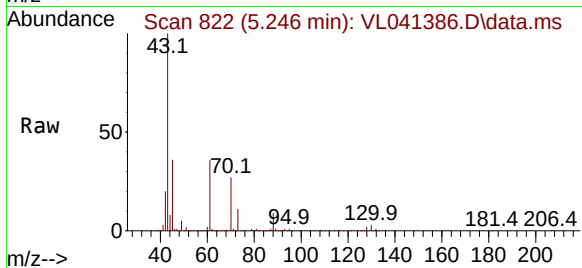
Reviewed By :Mahesh Dadoda 07/23/2024
Supervised By :Semsettin Yesilyurt 07/24/2024





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.246 min Scan# 808
Delta R.T. 0.035 min
Lab File: VL041386.D
Acq: 22 Jul 2024 14:44

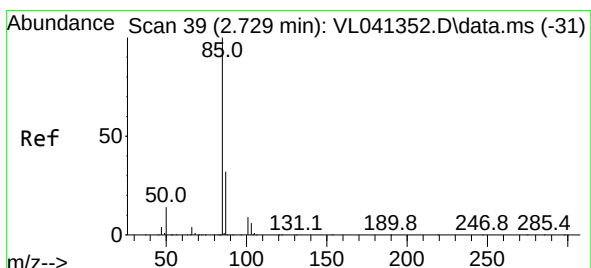
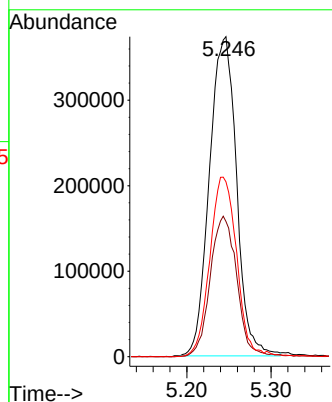
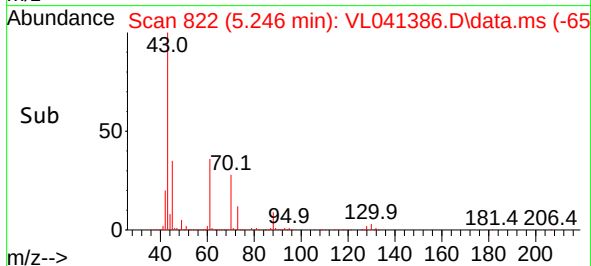
Instrument :
MSVOA_L
ClientSampleId :
IA1DUP



Tgt Ion: 49 Resp: 835420
Ion Ratio Lower Upper
49 100
128 43.5 22.8 68.3
130 56.2 28.9 86.7

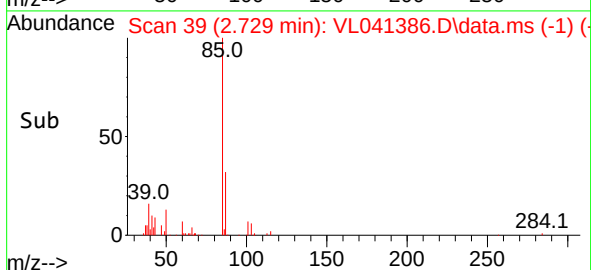
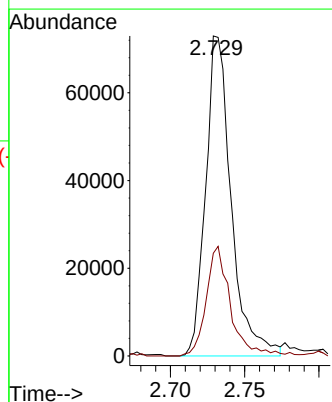
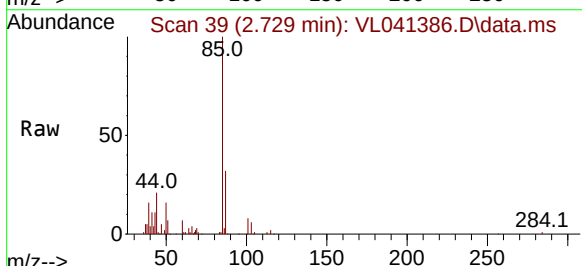
Manual Integrations
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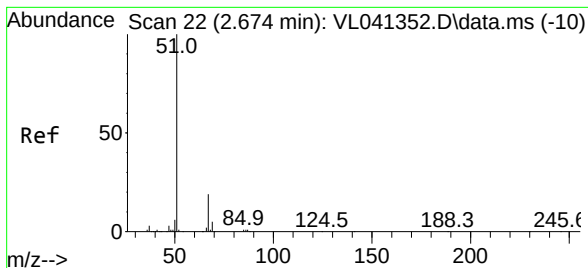
Reviewed By :Mahesh Dadoda 07/23/2024
Supervised By :Semsettin Yesilyurt 07/24/2024



#2
Dichlorodifluoromethane
Concen: 0.614 ppbv
RT: 2.729 min Scan# 39
Delta R.T. -0.045 min
Lab File: VL041386.D
Acq: 22 Jul 2024 14:44

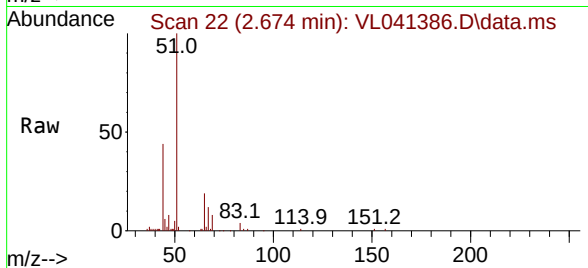
Tgt Ion: 85 Resp: 87509
Ion Ratio Lower Upper
85 100
87 32.1 25.9 38.9





#3
Chlorodifluoromethane
Concen: 0.311 ppbv m
RT: 2.674 min Scan# 21
Delta R.T. -0.045 min
Lab File: VL041386.D
Acq: 22 Jul 2024 14:44

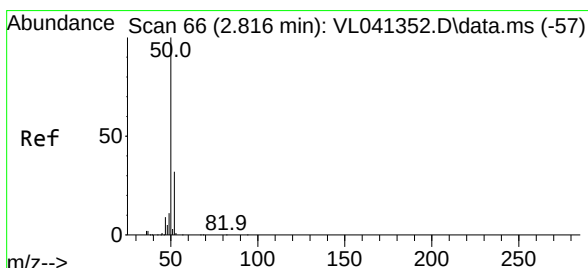
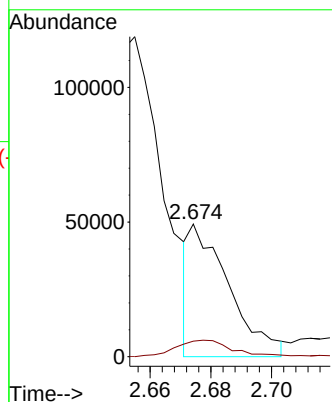
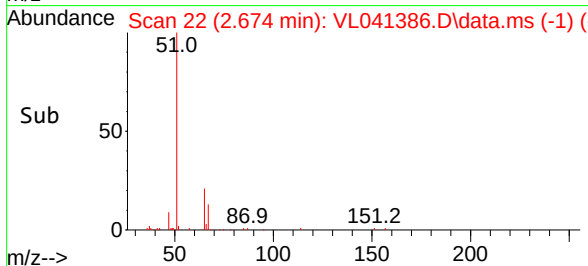
Instrument :
MSVOA_L
ClientSampleId :
IA1DUP



Tgt Ion: 51 Resp: 4474
Ion Ratio Lower Upper
51 100
67 18.4 14.3 21.5

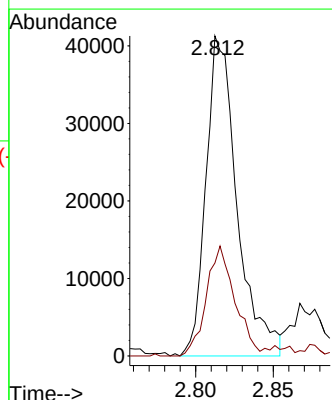
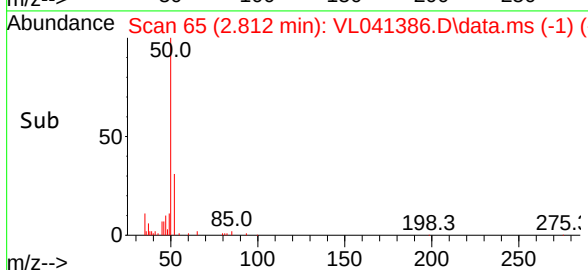
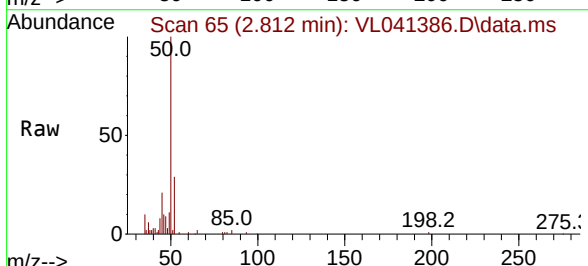
Manual Integrations
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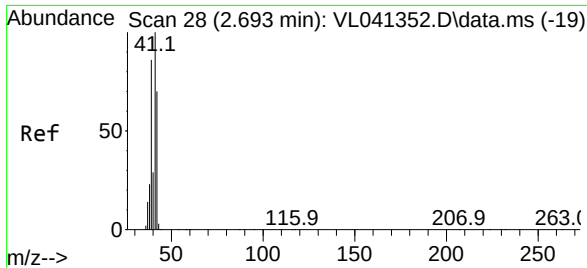
Reviewed By :Mahesh Dadoda 07/23/2024
Supervised By :Semsettin Yesilyurt 07/24/2024



#4
Chloromethane
Concen: 1.047 ppbv m
RT: 2.812 min Scan# 65
Delta R.T. -0.042 min
Lab File: VL041386.D
Acq: 22 Jul 2024 14:44

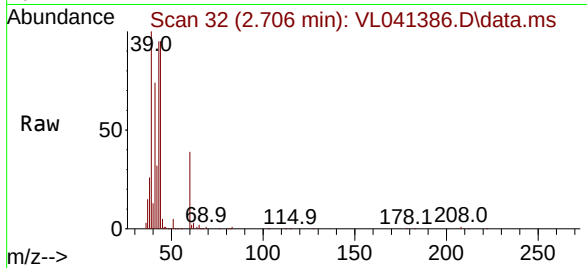
Tgt Ion: 50 Resp: 57641
Ion Ratio Lower Upper
50 100
52 29.1 25.6 38.4





#9
Propene
Concen: 2.531 ppbv
RT: 2.706 min Scan# 31
Delta R.T. -0.029 min
Lab File: VL041386.D
Acq: 22 Jul 2024 14:44

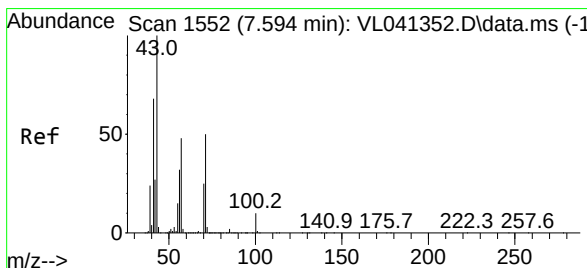
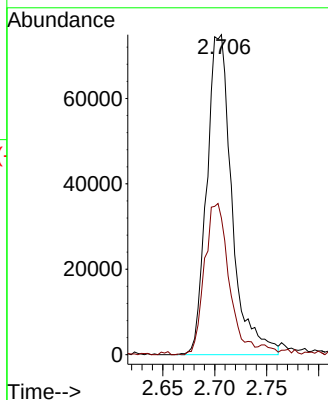
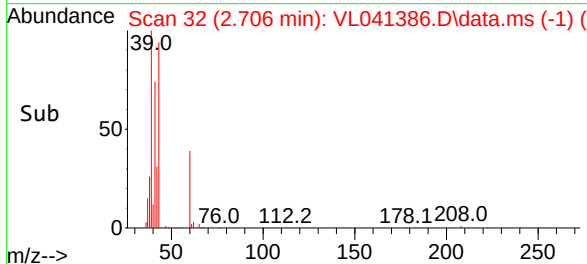
Instrument :
MSVOA_L
ClientSampleId :
IA1DUP



Tgt Ion: 41 Resp: 126159
Ion Ratio Lower Upper
41 100
42 48.9 55.8 83.8

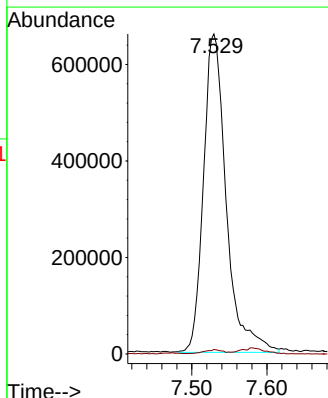
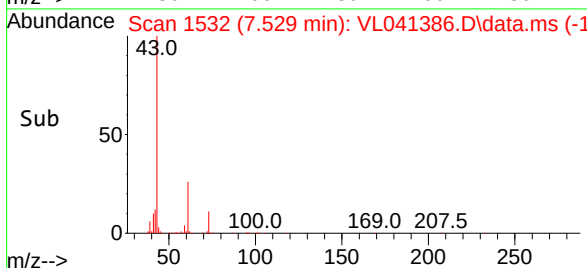
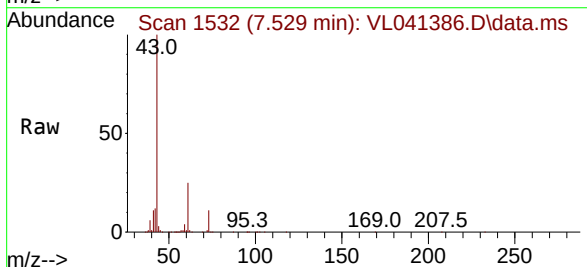
Manual Integrations
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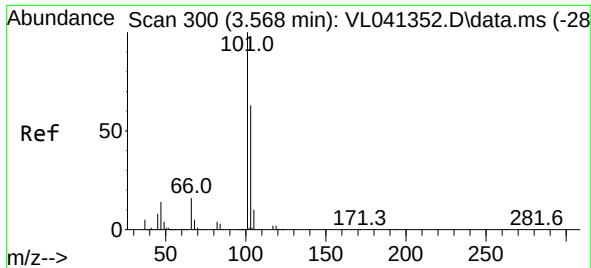
Reviewed By :Mahesh Dadoda 07/23/2024
Supervised By :Semsettin Yesilyurt 07/24/2024



#10
Heptane
Concen: 11.899 ppbv m
RT: 7.529 min Scan# 1532
Delta R.T. -0.061 min
Lab File: VL041386.D
Acq: 22 Jul 2024 14:44

Tgt Ion: 43 Resp: 1393162
Ion Ratio Lower Upper
43 100
57 2.1 40.3 60.5





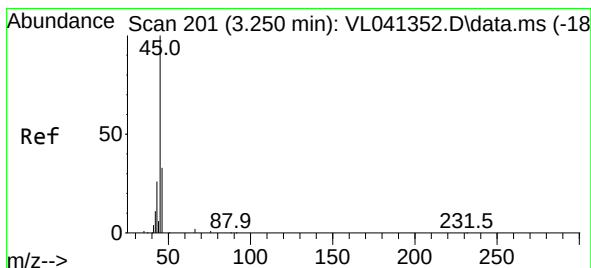
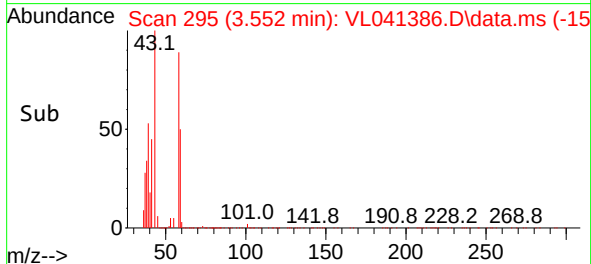
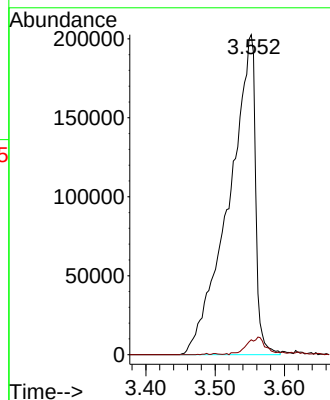
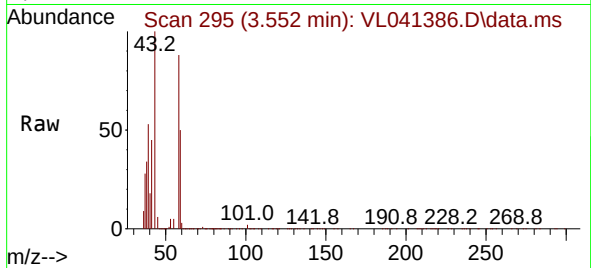
#11
Trichlorofluoromethane
Concen: 3.889 ppbv
RT: 3.552 min Scan# 201
Delta R.T. -0.042 min
Lab File: VL041386.D
Acq: 22 Jul 2024 14:44

Instrument :
MSVOA_L
ClientSampleId :
IA1DUP

Tgt Ion:101 Resp: 53965
Ion Ratio Lower Upper
101 100
103 4.7 50.5 75.7

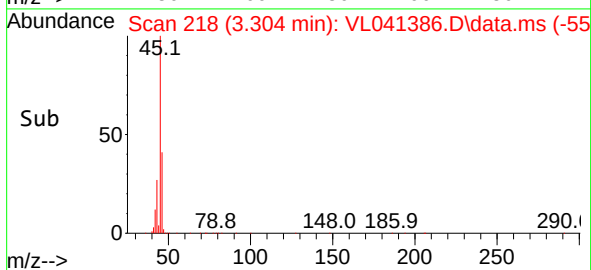
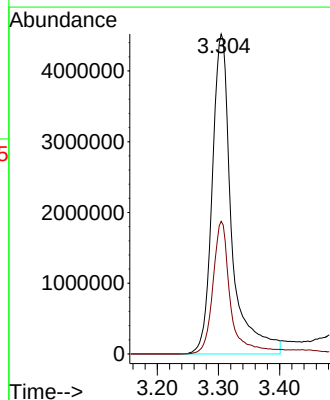
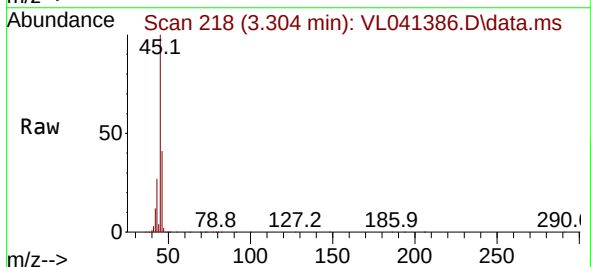
Manual Integrations
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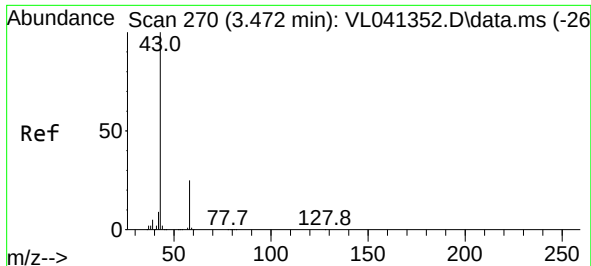
Reviewed By :Mahesh Dadoda 07/23/2024
Supervised By :Semsettin Yesilyurt 07/24/2024



#13
Ethanol
Concen: 905.045 ppbv
RT: 3.304 min Scan# 218
Delta R.T. 0.023 min
Lab File: VL041386.D
Acq: 22 Jul 2024 14:44

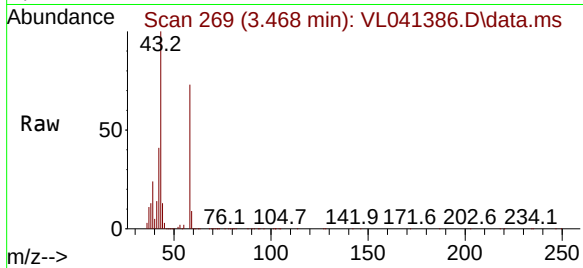
Tgt Ion: 45 Resp:10008020
Ion Ratio Lower Upper
45 100
46 40.4 13.3 53.3





#15
Acetone
Concen: 659.549 ppbv m
RT: 3.468 min Scan# 20
Delta R.T. -0.032 min
Lab File: VL041386.D
Acq: 22 Jul 2024 14:44

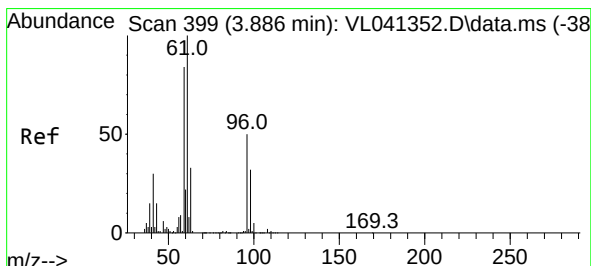
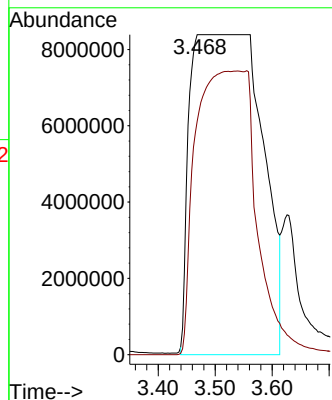
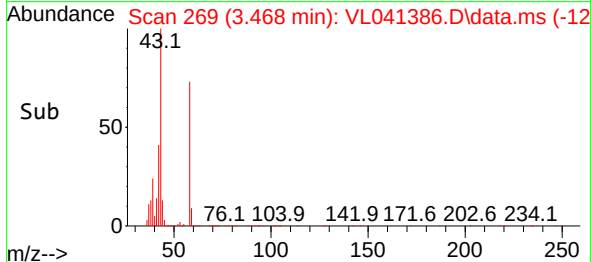
Instrument :
MSVOA_L
ClientSampleId :
IA1DUP



Tgt Ion: 43 Resp: 72771449
Ion Ratio Lower Upper
43 100
58 0.0 20.3 30.5

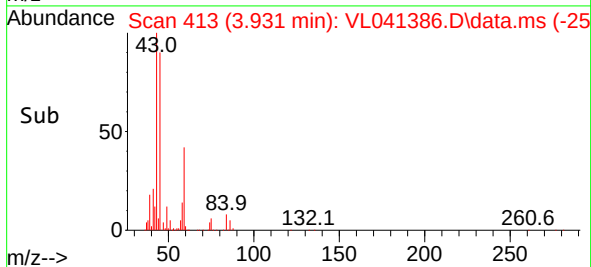
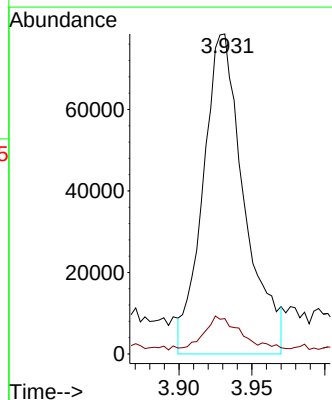
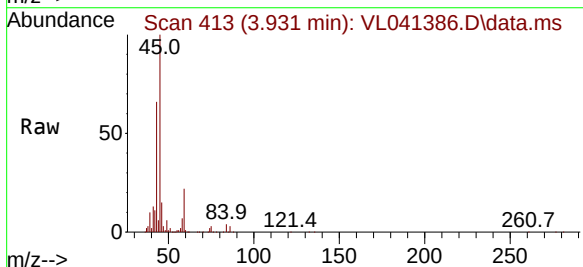
Manual Integrations
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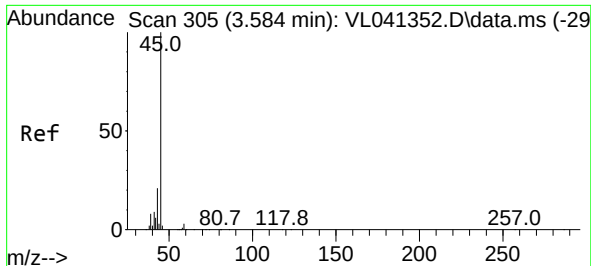
Reviewed By :Mahesh Dadoda 07/23/2024
Supervised By :Semsettin Yesilyurt 07/24/2024



#17
tert-Butyl alcohol
Concen: 1.820 ppbv m
RT: 3.931 min Scan# 413
Delta R.T. 0.023 min
Lab File: VL041386.D
Acq: 22 Jul 2024 14:44

Tgt Ion: 59 Resp: 154895
Ion Ratio Lower Upper
59 100
57 67.2 8.4 12.6#





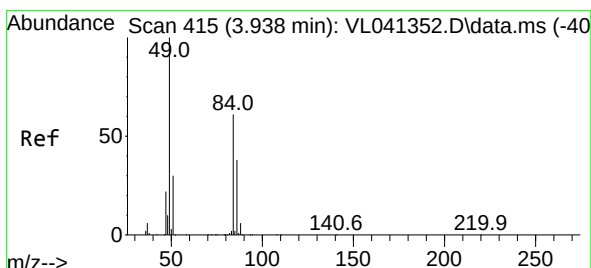
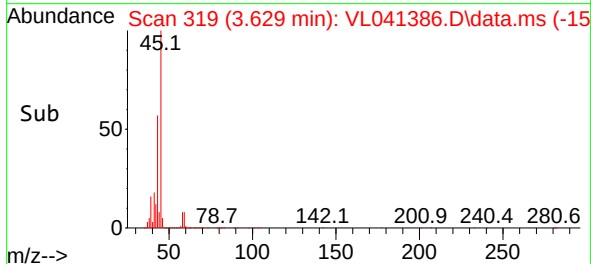
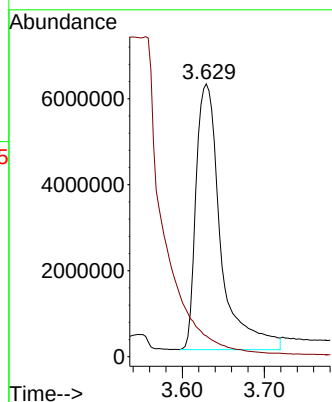
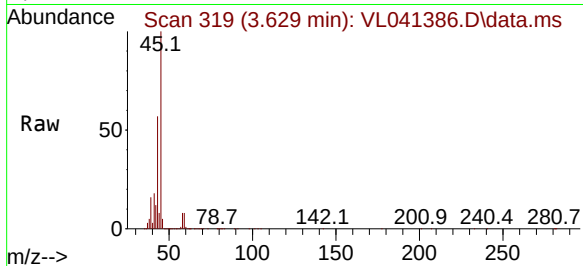
#19
Isopropyl Alcohol
Concen: 214.098 ppbv
RT: 3.629 min Scan# 319
Delta R.T. 0.019 min
Lab File: VL041386.D
Acq: 22 Jul 2024 14:44

Instrument :
MSVOA_L
ClientSampleId :
IA1DUP

Tgt Ion: 45 Resp:12967974
Ion Ratio Lower Upper
45 100
58 0.0 1.6 2.4

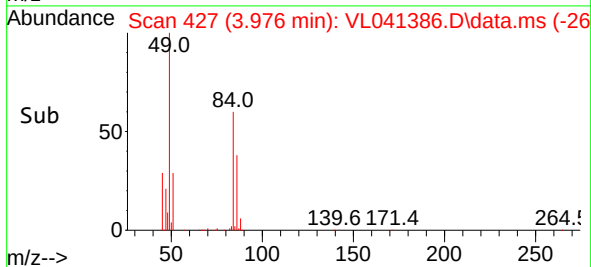
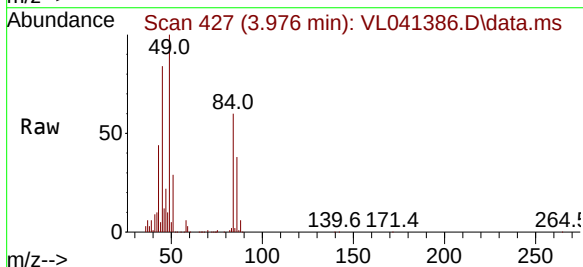
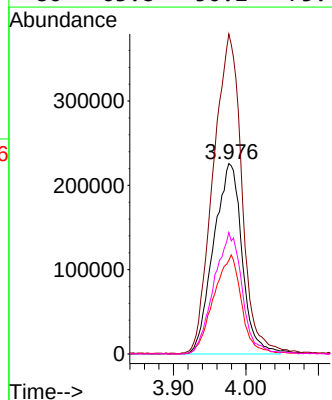
Manual Integrations
APPROVED

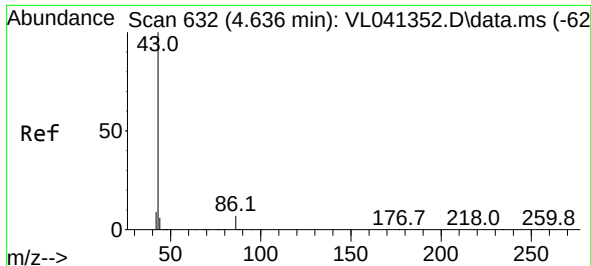
Reviewed By :Mahesh Dadoda 07/23/2024
Supervised By :Semsettin Yesilyurt 07/24/2024



#20
Methylene Chloride
Concen: 15.403 ppbv
RT: 3.976 min Scan# 427
Delta R.T. 0.013 min
Lab File: VL041386.D
Acq: 22 Jul 2024 14:44

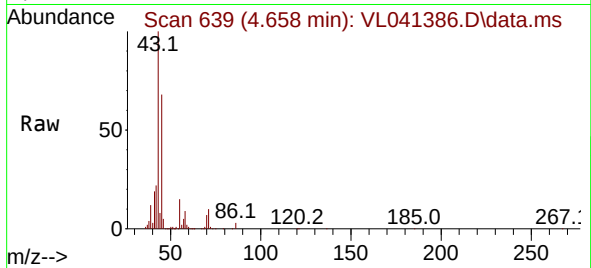
Tgt Ion: 84 Resp: 616674
Ion Ratio Lower Upper
84 100
49 167.8 131.8 197.6
51 49.1 39.6 59.4
86 63.8 50.2 75.4





#23
 Vinyl Acetate
 Concen: 3.109 ppbv m
 RT: 4.658 min Scan# 61
 Delta R.T. 0.007 min
 Lab File: VL041386.D
 Acq: 22 Jul 2024 14:44

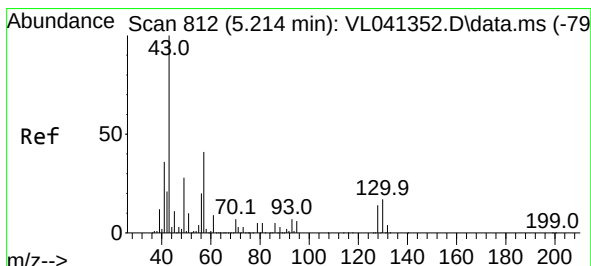
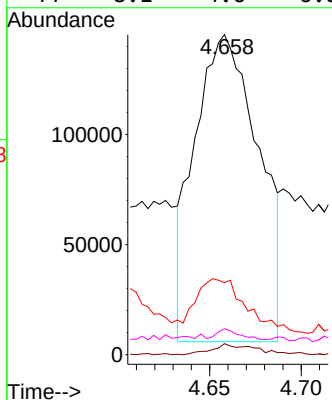
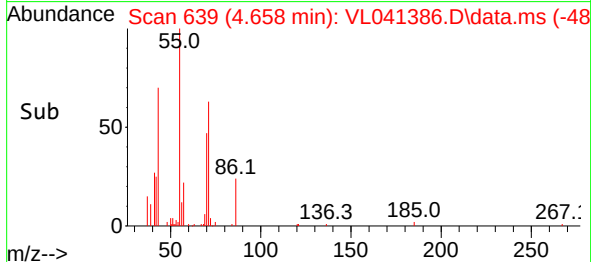
Instrument :
 MSVOA_L
 ClientSampleId :
 IA1DUP



Tgt Ion: 43 Resp: 338150
 Ion Ratio Lower Upper
 43 100
 86 3.4 5.0 7.4#
 42 22.5 7.9 11.9#
 44 8.1 4.6 6.8#

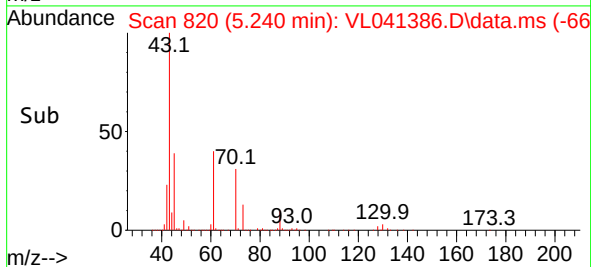
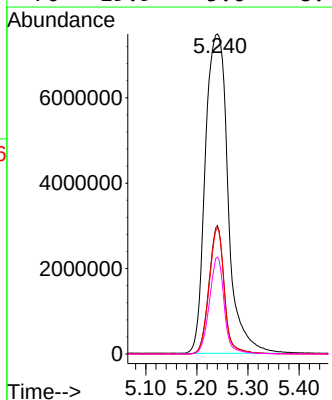
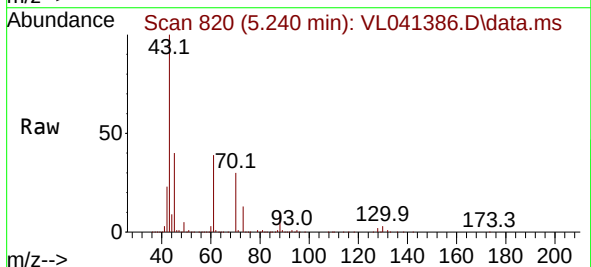
Manual Integrations
 APPROVED

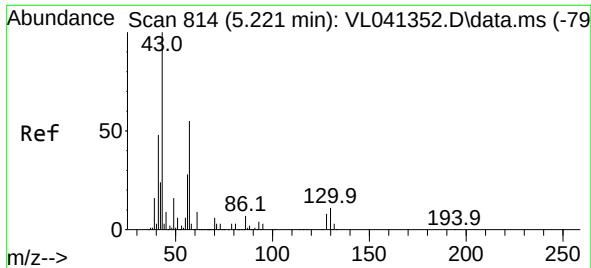
Reviewed By :Mahesh Dadoda 07/23/2024
 Supervised By :Semsettin Yesilyurt 07/24/2024



#25
 Ethyl Acetate
 Concen: 113.685 ppbv
 RT: 5.240 min Scan# 820
 Delta R.T. 0.013 min
 Lab File: VL041386.D
 Acq: 22 Jul 2024 14:44

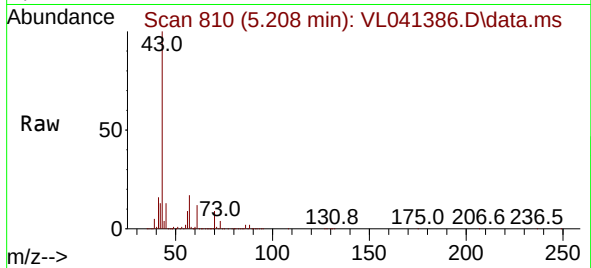
Tgt Ion: 43 Resp:23097287
 Ion Ratio Lower Upper
 43 100
 45 27.2 8.3 12.5#
 61 26.3 7.7 11.5#
 70 19.9 5.6 8.4#





#26
Hexane
Concen: 6.444 ppbv
RT: 5.208 min Scan# 810
Delta R.T. -0.022 min
Lab File: VL041386.D
Acq: 22 Jul 2024 14:44

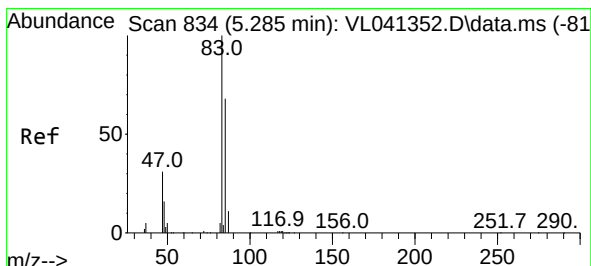
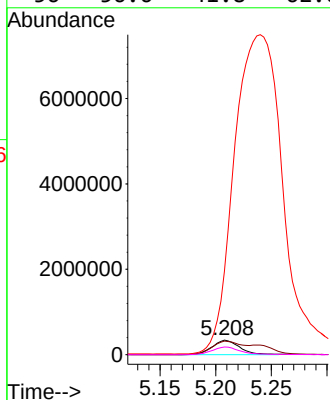
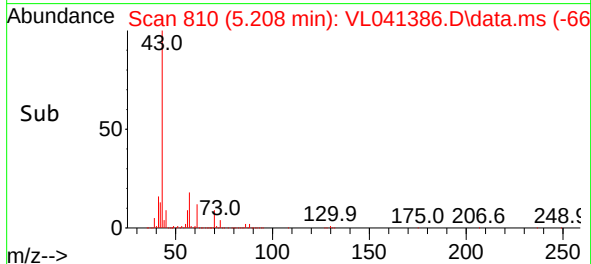
Instrument :
MSVOA_L
ClientSampleId :
IA1DUP



Tgt Ion: 57 Resp: 579710
Ion Ratio Lower Upper
57 100
41 161.9 73.7 110.5
43 4005.8 182.2 273.2
56 56.6 41.8 62.6

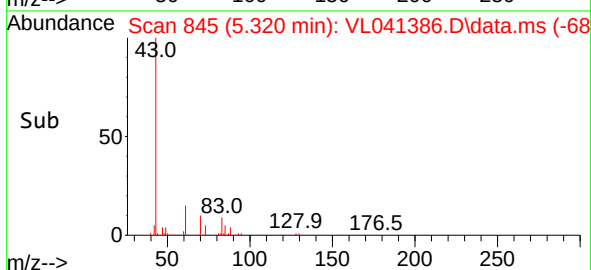
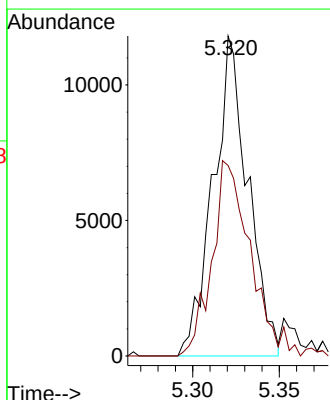
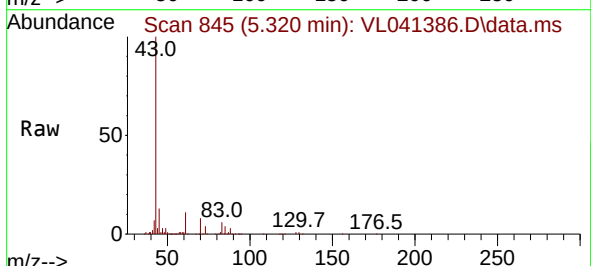
Manual Integrations
APPROVED

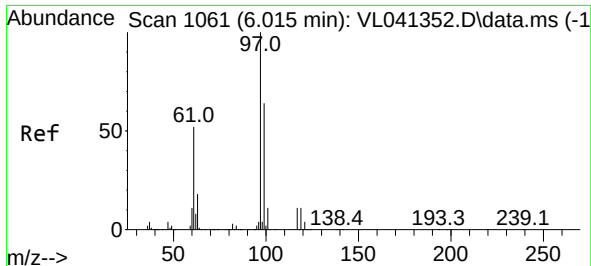
Reviewed By :Mahesh Dadoda 07/23/2024
Supervised By :Semsettin Yesilyurt 07/24/2024



#29
Chloroform
Concen: 0.119 ppbv
RT: 5.320 min Scan# 845
Delta R.T. 0.026 min
Lab File: VL041386.D
Acq: 22 Jul 2024 14:44

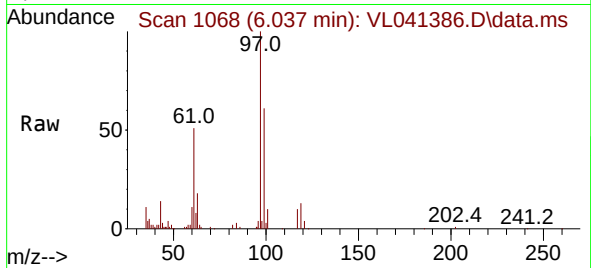
Tgt Ion: 83 Resp: 16503
Ion Ratio Lower Upper
83 100
85 59.5 54.2 81.4





#32
1,1,1-Trichloroethane
Concen: 0.890 ppbv m
RT: 6.037 min Scan# 1061
Delta R.T. 0.019 min
Lab File: VL041386.D
Acq: 22 Jul 2024 14:44

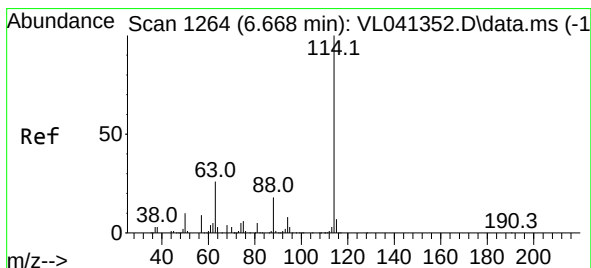
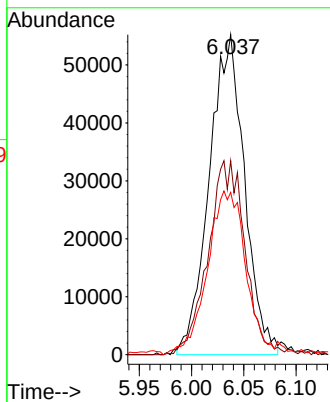
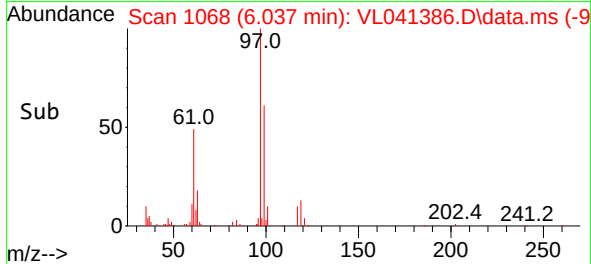
Instrument :
MSVOA_L
ClientSampleId :
IA1DUP



Tgt Ion: 97 Resp: 129609
Ion Ratio Lower Upper
97 100
99 64.0 52.0 78.0
61 0.0 43.0 64.6

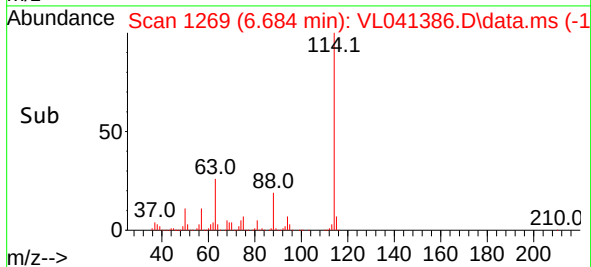
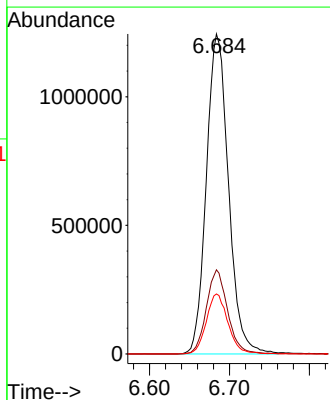
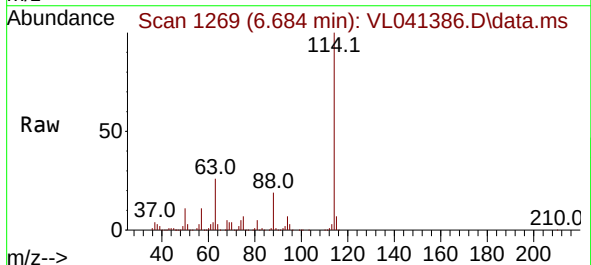
Manual Integrations
APPROVED

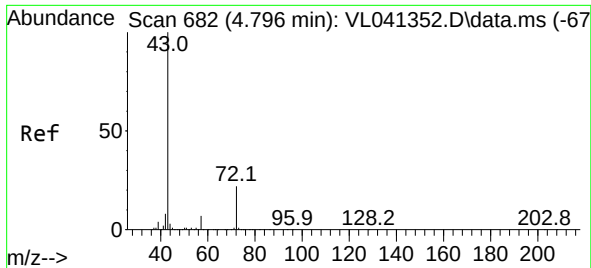
Reviewed By :Mahesh Dadoda 07/23/2024
Supervised By :Semsettin Yesilyurt 07/24/2024



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.684 min Scan# 1269
Delta R.T. 0.016 min
Lab File: VL041386.D
Acq: 22 Jul 2024 14:44

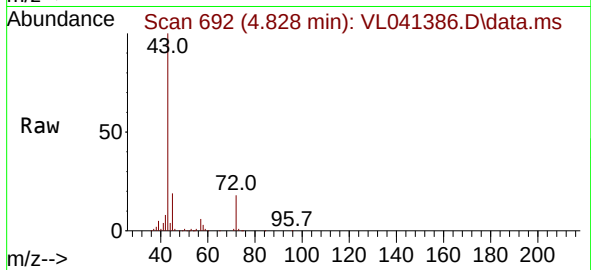
Tgt Ion:114 Resp: 2390931
Ion Ratio Lower Upper
114 100
63 25.4 20.6 31.0
88 18.5 14.6 21.8





#34
2-Butanone
Concen: 3.149 ppbv
RT: 4.828 min Scan# 692
Delta R.T. 0.019 min
Lab File: VL041386.D
Acq: 22 Jul 2024 14:44

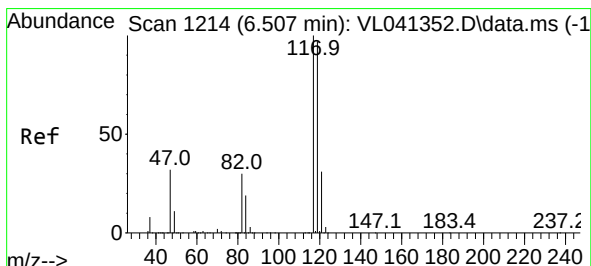
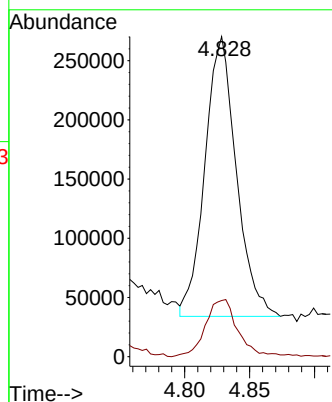
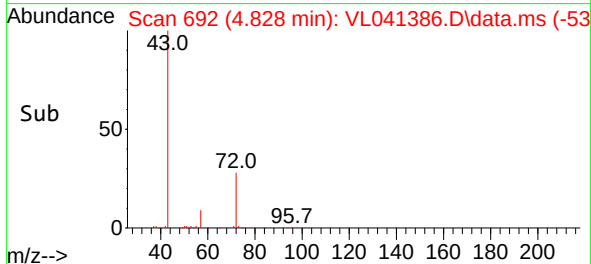
Instrument :
MSVOA_L
ClientSampleId :
IA1DUP



Tgt Ion: 43 Resp: 39735
Ion Ratio Lower Upper
43 100
72 21.4 17.2 25.8

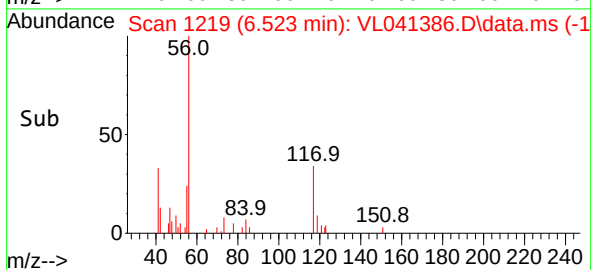
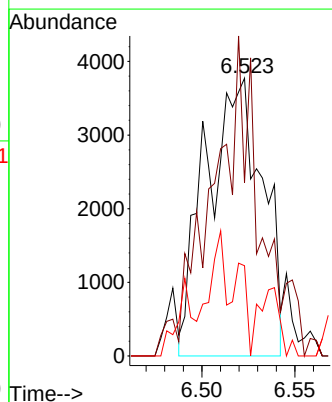
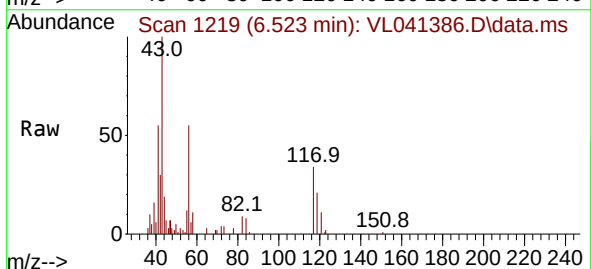
Manual Integrations
APPROVED

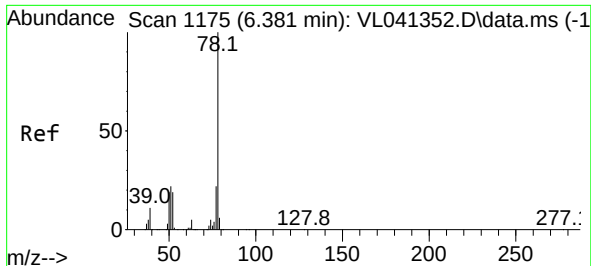
Reviewed By :Mahesh Dadoda 07/23/2024
Supervised By :Semsettin Yesilyurt 07/24/2024



#35
Carbon Tetrachloride
Concen: 0.050 ppbv m
RT: 6.523 min Scan# 1219
Delta R.T. 0.013 min
Lab File: VL041386.D
Acq: 22 Jul 2024 14:44

Tgt Ion:117 Resp: 7973
Ion Ratio Lower Upper
117 100
119 62.4 77.2 115.8#
121 32.5 25.2 37.8





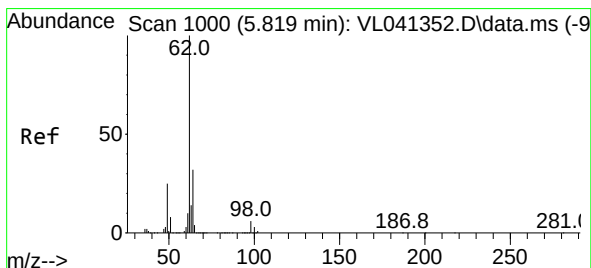
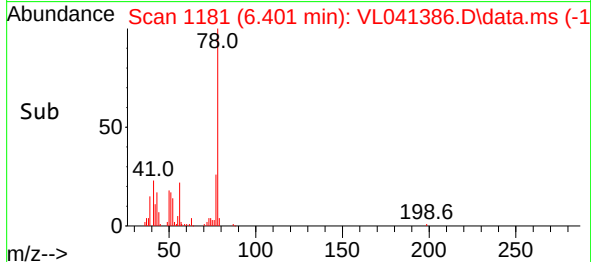
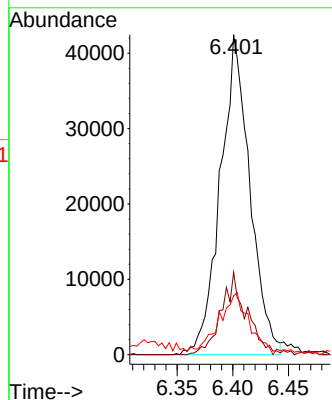
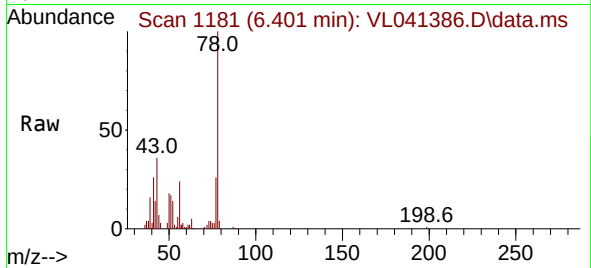
#36
Benzene
Concen: 0.396 ppbv
RT: 6.401 min Scan# 1175
Delta R.T. 0.013 min
Lab File: VL041386.D
Acq: 22 Jul 2024 14:44

Instrument :
MSVOA_L
ClientSampleId :
IA1DUP

Tgt Ion: 78 Resp: 78292
Ion Ratio Lower Upper
78 100
77 25.7 17.9 26.9
50 17.1 15.5 23.3

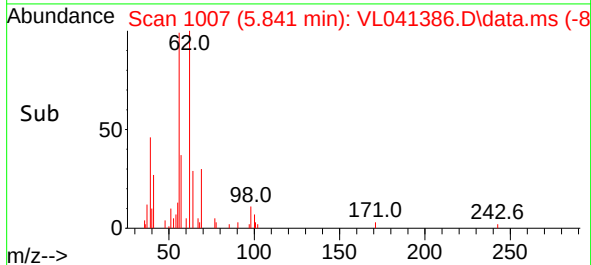
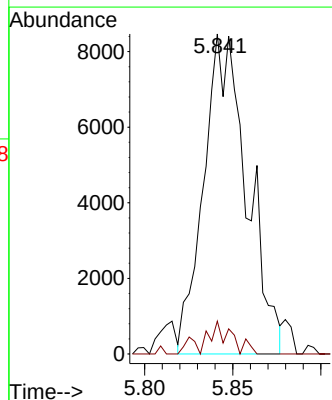
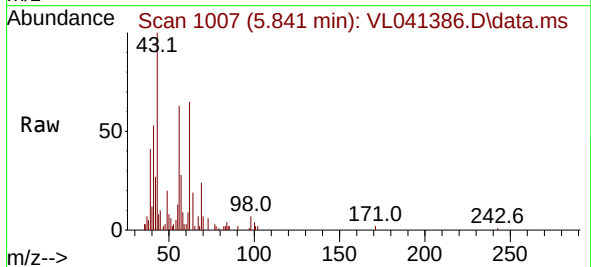
Manual Integrations
APPROVED

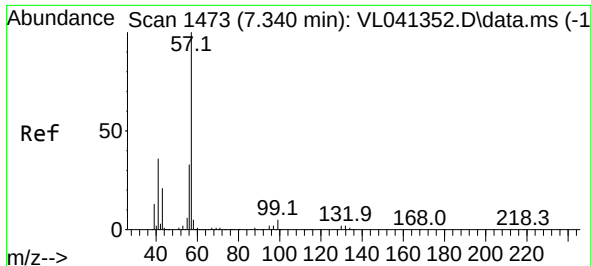
Reviewed By :Mahesh Dadoda 07/23/2024
Supervised By :Semsettin Yesilyurt 07/24/2024



#37
1,2-Dichloroethane
Concen: 0.127 ppbv m
RT: 5.841 min Scan# 1007
Delta R.T. 0.016 min
Lab File: VL041386.D
Acq: 22 Jul 2024 14:44

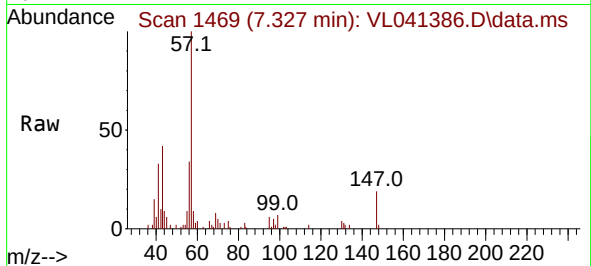
Tgt Ion: 62 Resp: 14443
Ion Ratio Lower Upper
62 100
98 6.7 4.8 7.2





#44
2,2,4-Trimethylpentane
Concen: 0.153 ppbv m
RT: 7.327 min Scan# 1469
Delta R.T. -0.013 min
Lab File: VL041386.D
Acq: 22 Jul 2024 14:44

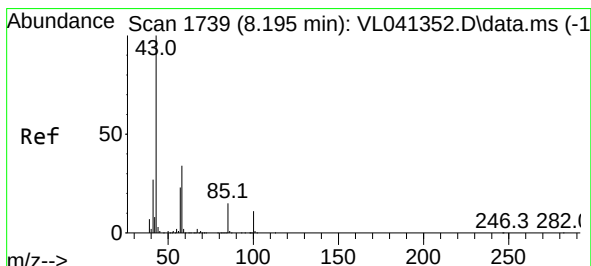
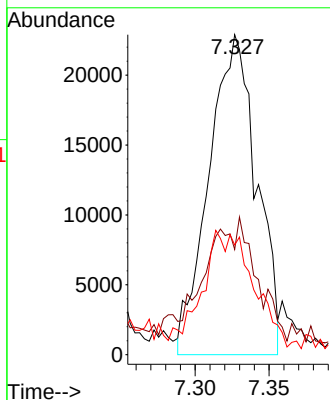
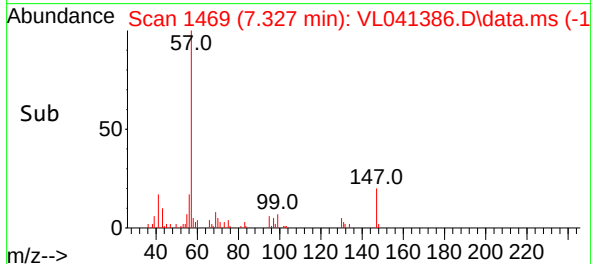
Instrument :
MSVOA_L
ClientSampleId :
IA1DUP



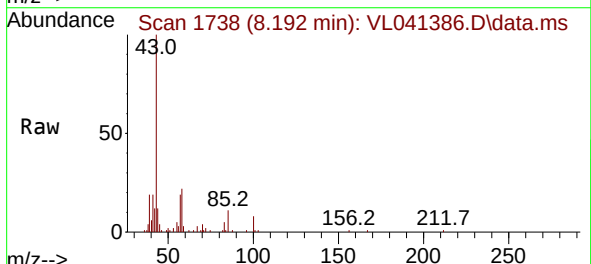
Tgt Ion: 57 Resp: 51390
Ion Ratio Lower Upper
57 100
41 0.0 29.6 44.4
56 0.0 25.7 38.5

Manual Integrations
APPROVED

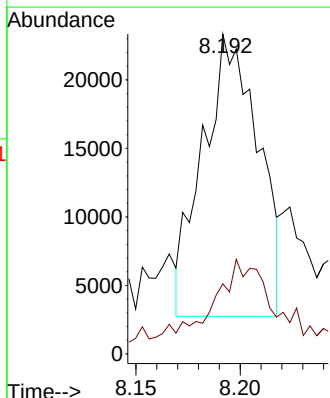
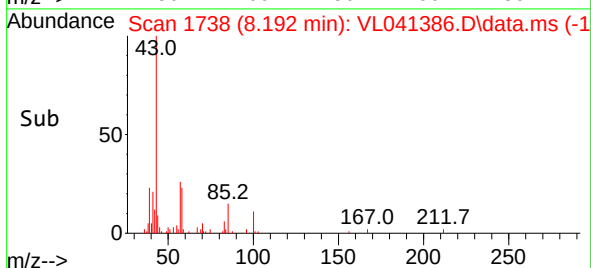
Reviewed By :Mahesh Dadoda 07/23/2024
Supervised By :Semsettin Yesilyurt 07/24/2024

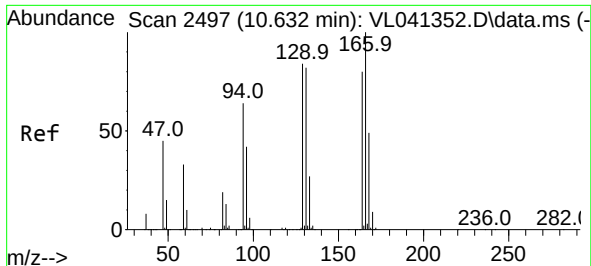


#50
4-Methyl-2-Pentanone
Concen: 0.188 ppbv m
RT: 8.192 min Scan# 1738
Delta R.T. 0.003 min
Lab File: VL041386.D
Acq: 22 Jul 2024 14:44



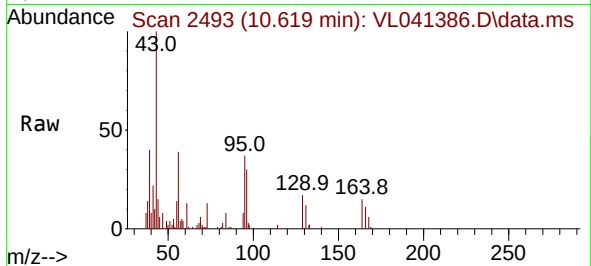
Tgt Ion: 43 Resp: 38035
Ion Ratio Lower Upper
43 100
58 39.1 27.8 41.8





#52
Tetrachloroethene
Concen: 0.074 ppbv m
RT: 10.619 min Scan# 2493
Delta R.T. 0.000 min
Lab File: VL041386.D
Acq: 22 Jul 2024 14:44

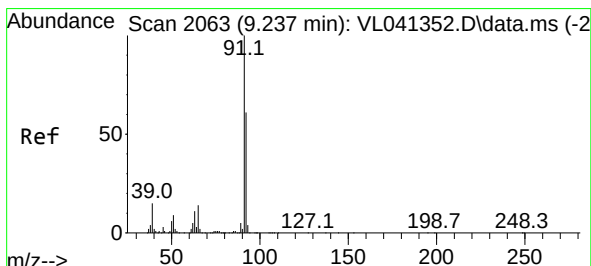
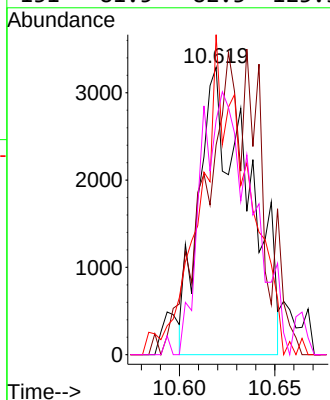
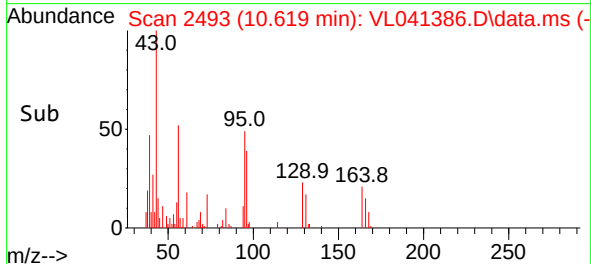
Instrument :
MSVOA_L
ClientSampleId :
IA1DUP



Tgt Ion:164 Resp: 5860
Ion Ratio Lower Upper
164 100
166 73.0 99.8 149.8
129 111.4 83.8 125.6
131 81.5 82.3 123.5#

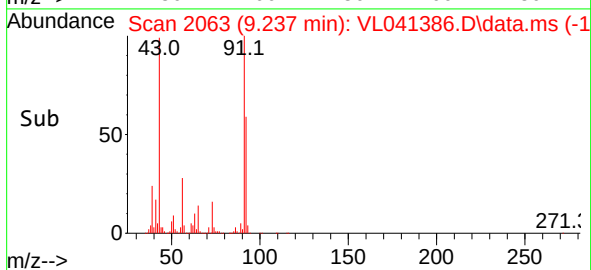
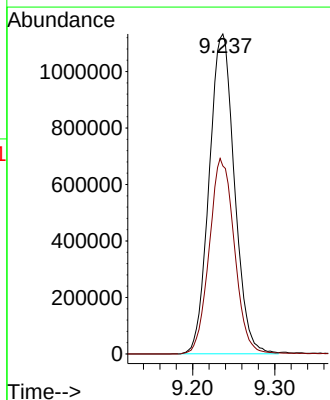
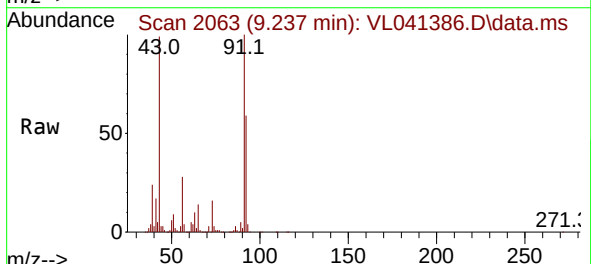
Manual Integrations
APPROVED

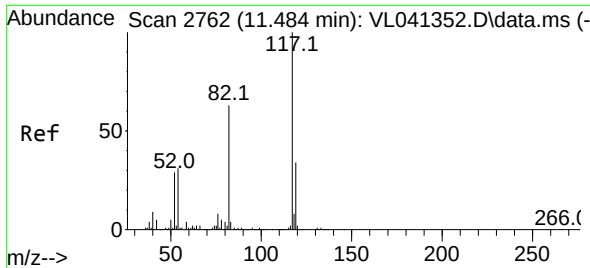
Reviewed By :Mahesh Dadoda 07/23/2024
Supervised By :Semsettin Yesilyurt 07/24/2024



#53
Toluene
Concen: 10.855 ppbv
RT: 9.237 min Scan# 2063
Delta R.T. 0.010 min
Lab File: VL041386.D
Acq: 22 Jul 2024 14:44

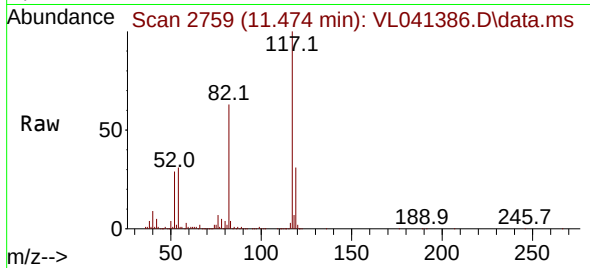
Tgt Ion: 91 Resp: 2422600
Ion Ratio Lower Upper
91 100
92 61.1 48.5 72.7





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.474 min Scan# 21
Delta R.T. 0.007 min
Lab File: VL041386.D
Acq: 22 Jul 2024 14:44

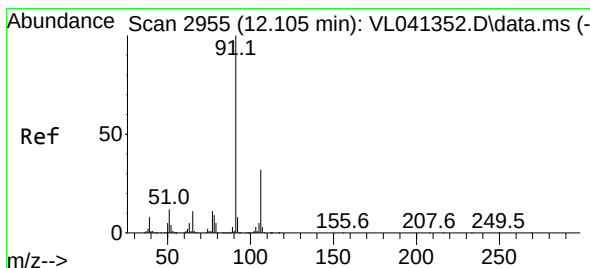
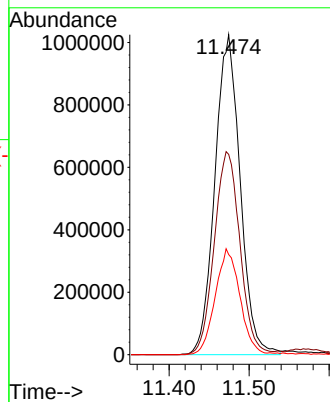
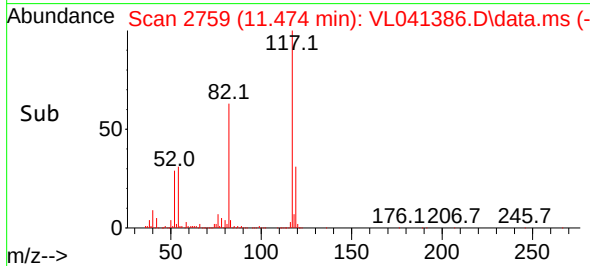
Instrument :
MSVOA_L
ClientSampleId :
IA1DUP



Tgt Ion:117 Resp: 2250718
Ion Ratio Lower Upper
117 100
82 65.0 50.6 75.8
119 32.9 24.7 37.1

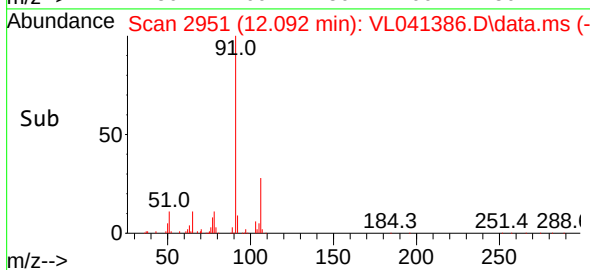
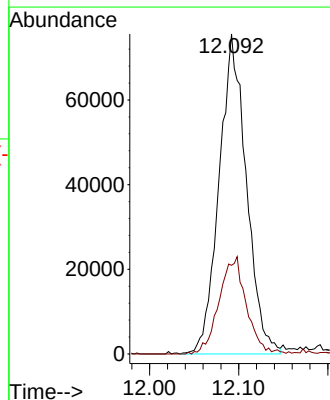
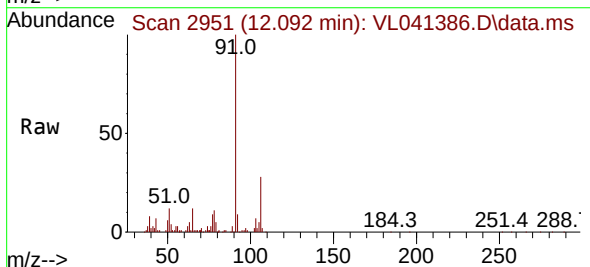
Manual Integrations
APPROVED

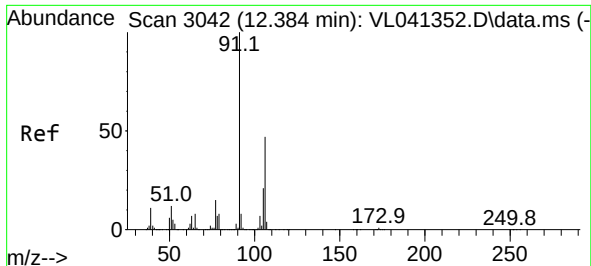
Reviewed By :Mahesh Dadoda 07/23/2024
Supervised By :Semsettin Yesilyurt 07/24/2024



#58
Ethyl Benzene
Concen: 0.533 ppbv
RT: 12.092 min Scan# 2951
Delta R.T. 0.003 min
Lab File: VL041386.D
Acq: 22 Jul 2024 14:44

Tgt Ion: 91 Resp: 160590
Ion Ratio Lower Upper
91 100
106 27.8 25.4 38.0





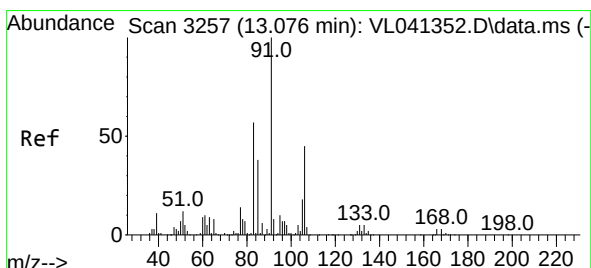
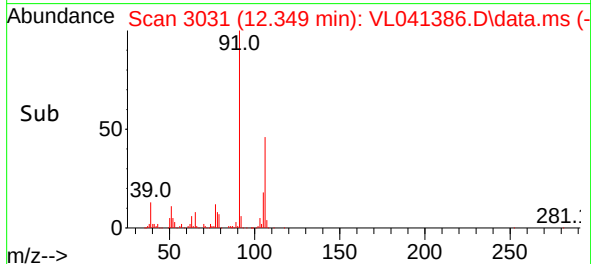
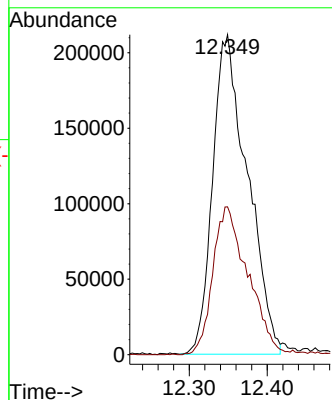
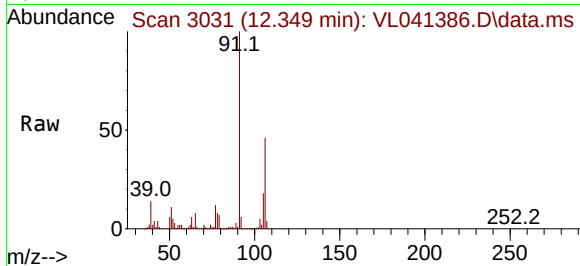
#59
m/p-Xylene
Concen: 2.518 ppbv
RT: 12.349 min Scan# 3042
Delta R.T. -0.022 min
Lab File: VL041386.D
Acq: 22 Jul 2024 14:44

Instrument :
MSVOA_L
ClientSampleId :
IA1DUP

Tgt Ion: 91 Resp: 656298
Ion Ratio Lower Upper
91 100
106 47.8 35.6 53.4

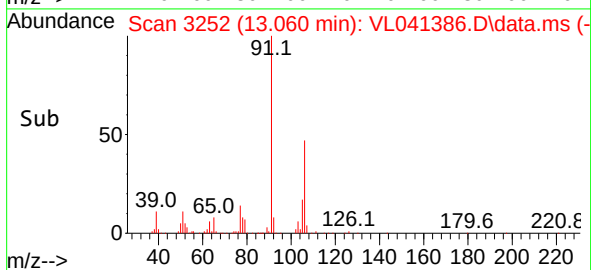
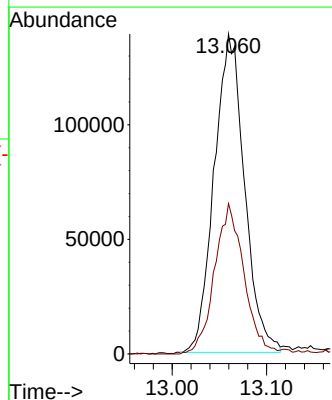
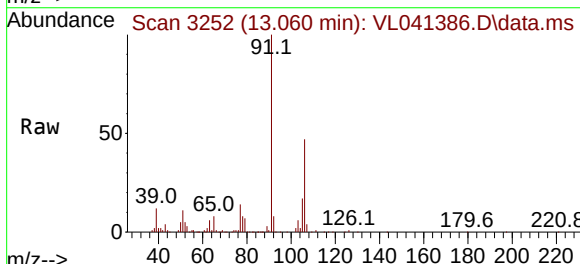
Manual Integrations
APPROVED

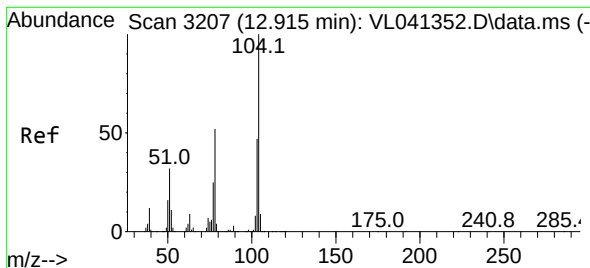
Reviewed By :Mahesh Dadoda 07/23/2024
Supervised By :Semsettin Yesilyurt 07/24/2024



#60
o-Xylene
Concen: 1.258 ppbv
RT: 13.060 min Scan# 3252
Delta R.T. 0.000 min
Lab File: VL041386.D
Acq: 22 Jul 2024 14:44

Tgt Ion: 91 Resp: 309492
Ion Ratio Lower Upper
91 100
106 46.3 23.3 69.8





#61

Styrene

Concen: 0.123 ppbv m

RT: 12.902 min Scan# 31

Delta R.T. 0.003 min

Lab File: VL041386.D

Acq: 22 Jul 2024 14:44

Instrument :

MSVOA_L

ClientSampleId :

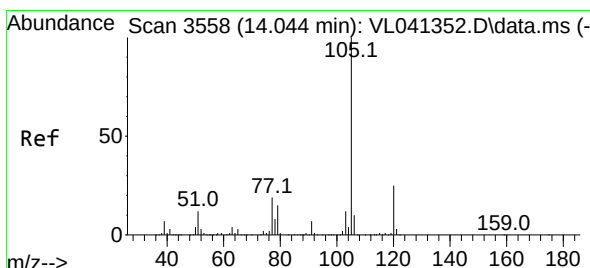
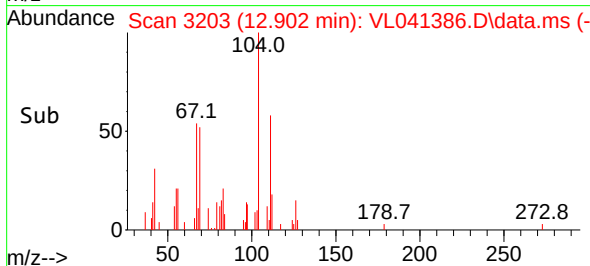
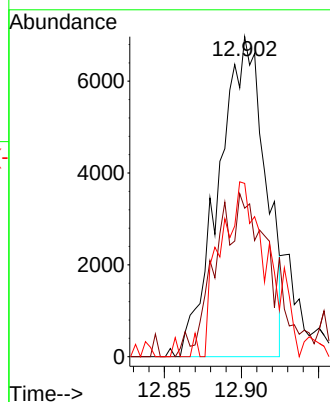
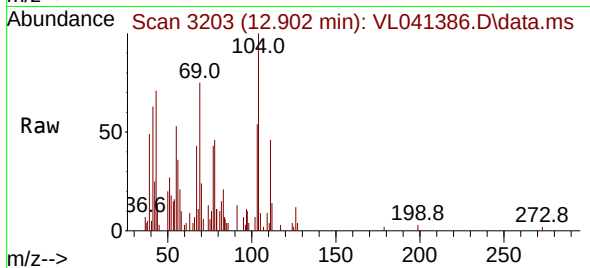
IA1DUP

Tgt Ion:104	Resp:	1465
Ion Ratio	Lower	Upper
104	100	
78	66.7	40.6 61.0
103	59.5	37.4 56.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/23/2024
Supervised By :Semsettin Yesilyurt 07/24/2024



#62

Isopropylbenzene

Concen: 0.164 ppbv

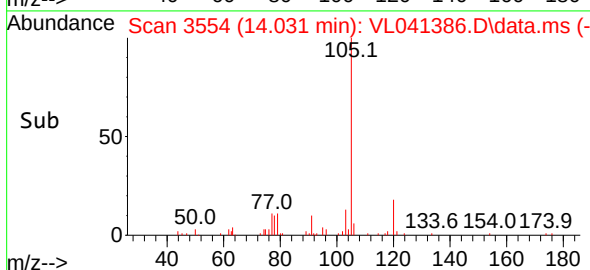
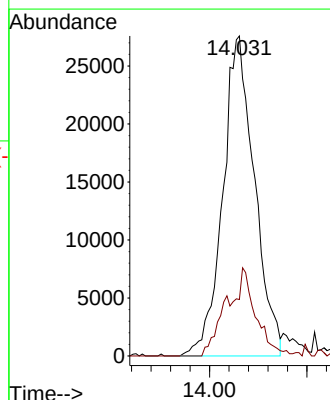
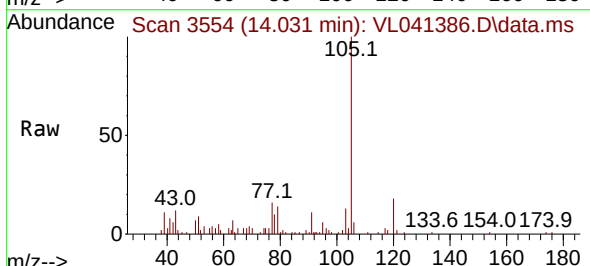
RT: 14.031 min Scan# 3554

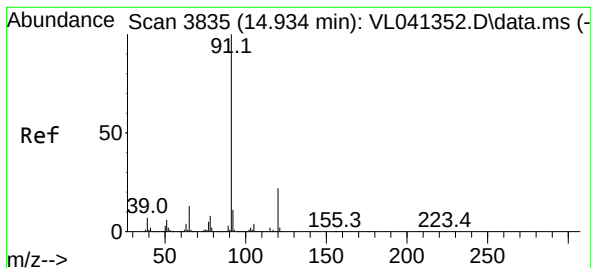
Delta R.T. 0.000 min

Lab File: VL041386.D

Acq: 22 Jul 2024 14:44

Tgt Ion:105	Resp:	62204
Ion Ratio	Lower	Upper
105	100	
120	25.3	20.9 31.3





#64

n-propylbenzene

Concen: 0.374 ppbv m

RT: 14.918 min Scan# 3835

Delta R.T. 0.003 min

Lab File: VL041386.D

Acq: 22 Jul 2024 14:44

Instrument :

MSVOA_L

ClientSampleId :

IA1DUP

Tgt Ion:120 Resp: 37110

Ion Ratio Lower Upper

120 100

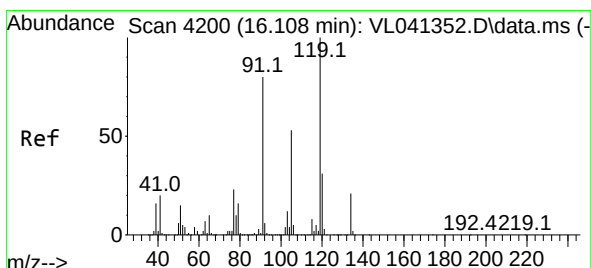
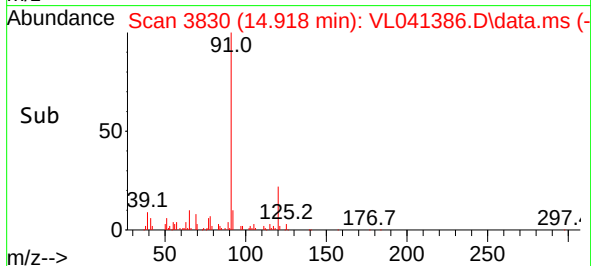
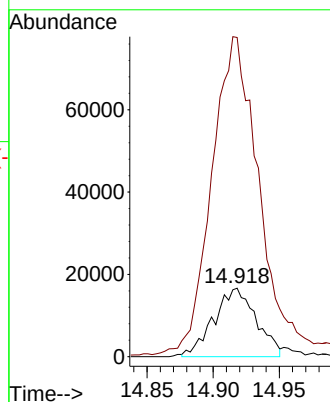
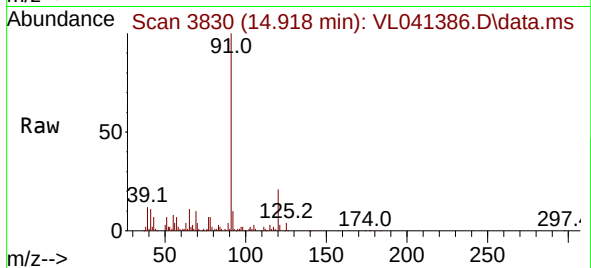
91 535.4 378.4 567.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/23/2024

Supervised By :Semsettin Yesilyurt 07/24/2024



#65

tert-Butylbenzene

Concen: 0.245 ppbv

RT: 16.111 min Scan# 4201

Delta R.T. 0.023 min

Lab File: VL041386.D

Acq: 22 Jul 2024 14:44

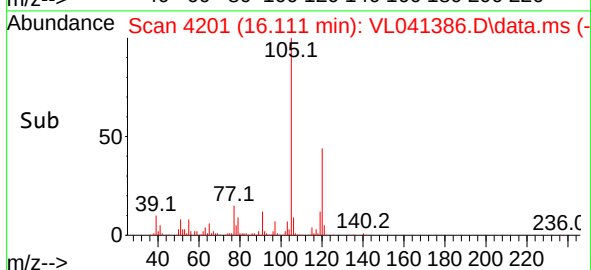
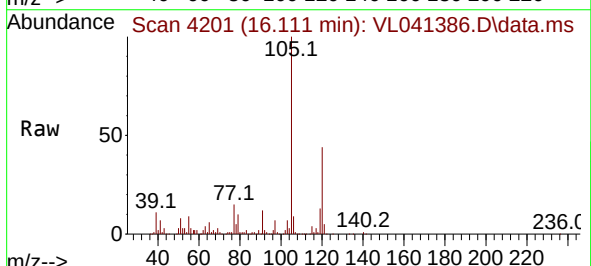
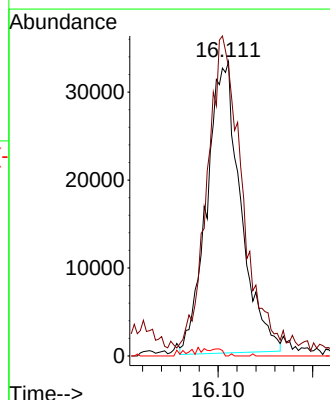
Tgt Ion:119 Resp: 82686

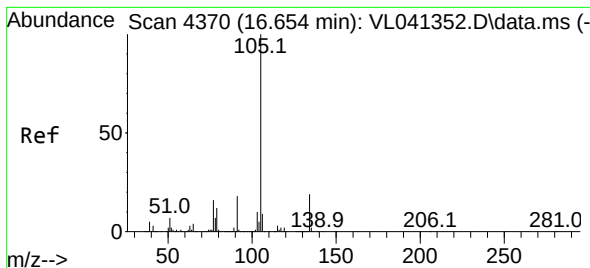
Ion Ratio Lower Upper

119 100

91 115.5 65.8 98.6#

134 2.3 15.7 23.5#





#67

sec-Butylbenzene

Concen: 0.104 ppbv m

RT: 16.635 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL041386.D

Acq: 22 Jul 2024 14:44

Instrument :

MSVOA_L

ClientSampleId :

IA1DUP

Tgt Ion:105 Resp: 4980

Ion Ratio Lower Upper

105 100

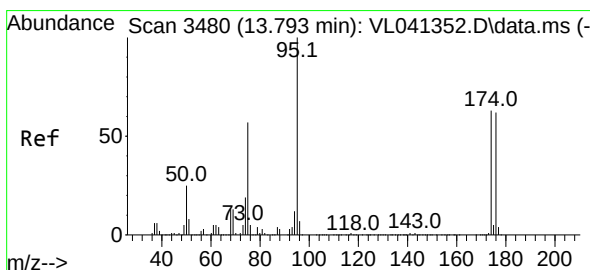
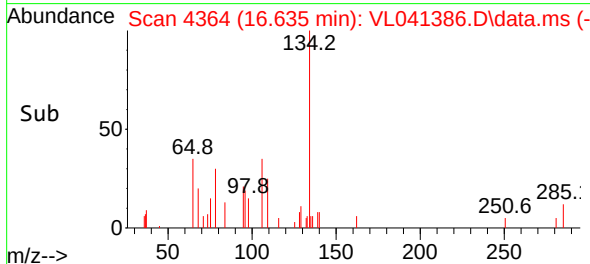
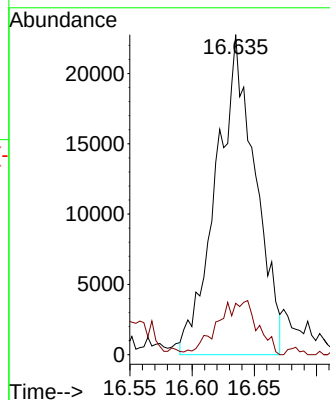
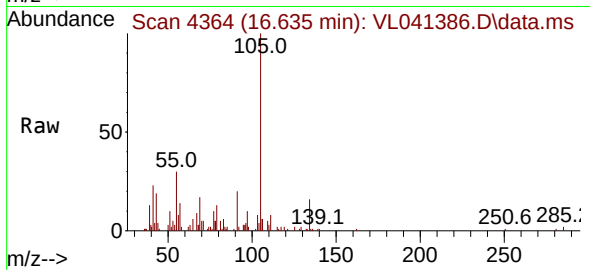
134 18.2 14.2 21.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/23/2024

Supervised By :Semsettin Yesilyurt 07/24/2024



#68

1-Bromo-4-Fluorobenzene

Concen: 10.124 ppbv

RT: 13.777 min Scan# 3475

Delta R.T. 0.000 min

Lab File: VL041386.D

Acq: 22 Jul 2024 14:44

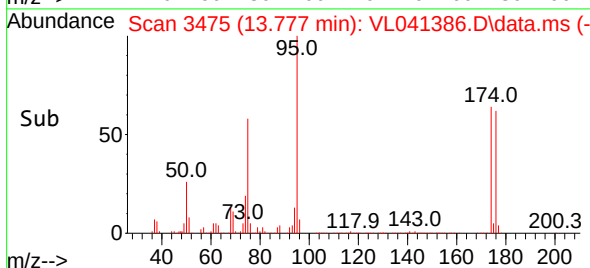
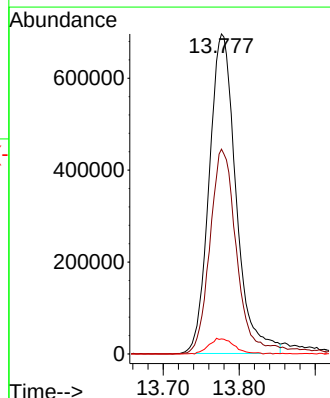
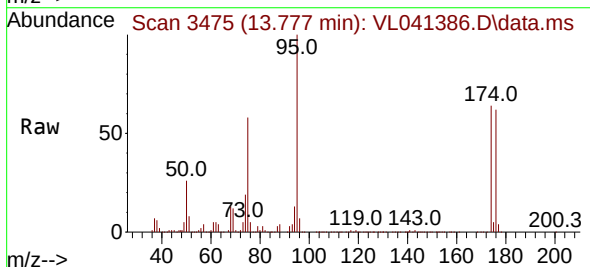
Tgt Ion: 95 Resp: 1707863

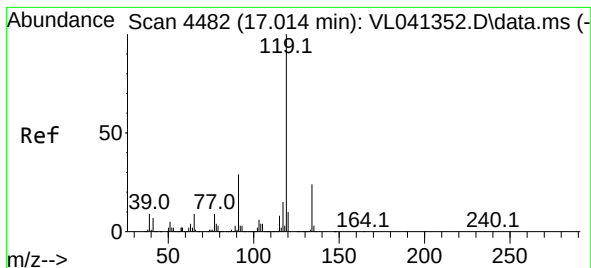
Ion Ratio Lower Upper

95 100

174 66.0 53.1 79.7

175 4.6 4.0 6.0





#69

p-Isopropyltoluene

Concen: 0.169 ppbv m

RT: 16.992 min Scan# 4482

Delta R.T. 0.000 min

Lab File: VL041386.D

Acq: 22 Jul 2024 14:44

Instrument :

MSVOA_L

ClientSampleId :

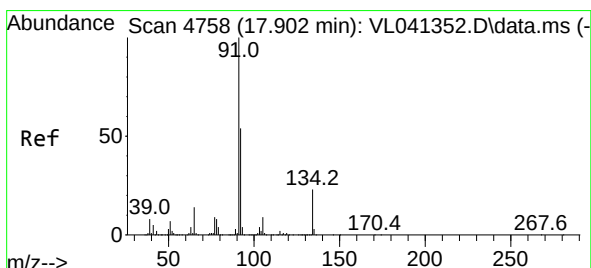
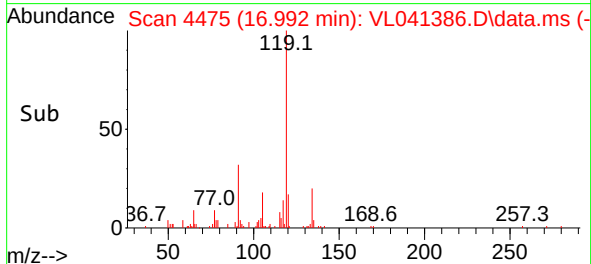
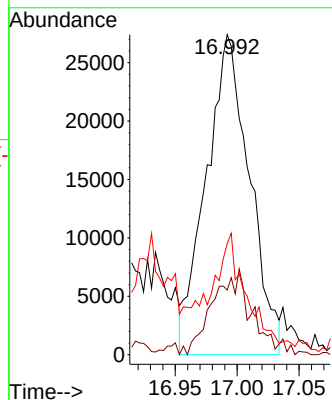
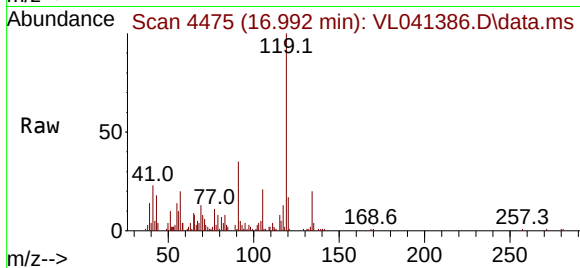
IA1DUP

Tgt Ion:119 Resp: 66683
 Ion Ratio Lower Upper
 119 100
 134 24.4 20.0 30.0
 91 38.5 23.7 35.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/23/2024
 Supervised By :Semsettin Yesilyurt 07/24/2024



#70

n-Butylbenzene

Concen: 0.133 ppbv m

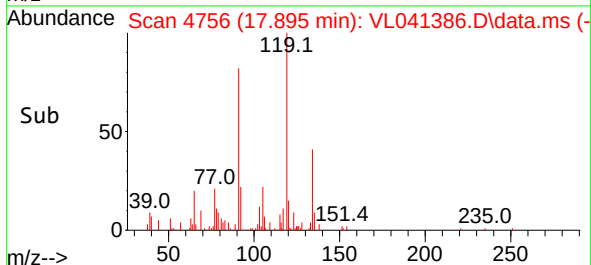
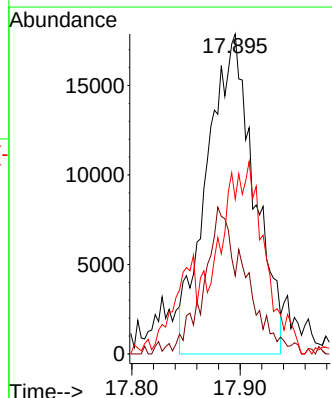
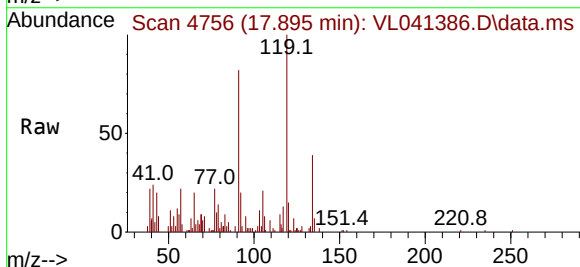
RT: 17.895 min Scan# 4756

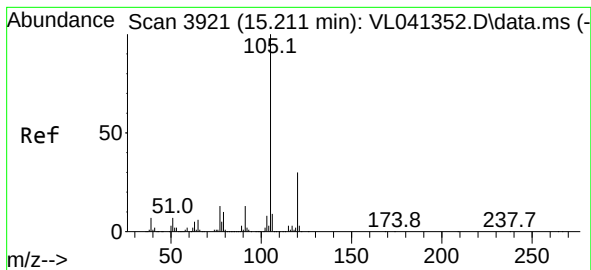
Delta R.T. 0.013 min

Lab File: VL041386.D

Acq: 22 Jul 2024 14:44

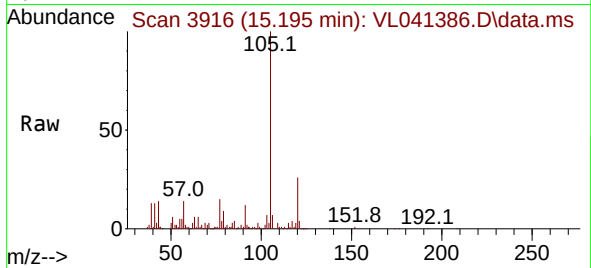
Tgt Ion: 91 Resp: 53772
 Ion Ratio Lower Upper
 91 100
 92 0.0 43.0 64.6#
 134 0.0 18.0 27.0#





#72
4-Ethyltoluene
Concen: 0.655 ppbv
RT: 15.195 min Scan# 3916
Delta R.T. 0.003 min
Lab File: VL041386.D
Acq: 22 Jul 2024 14:44

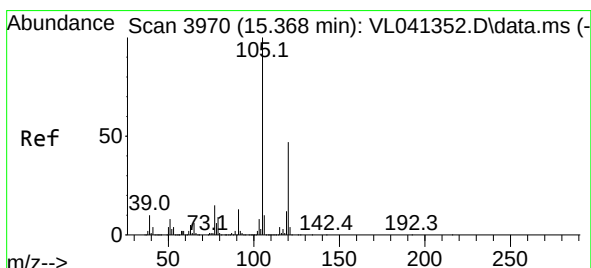
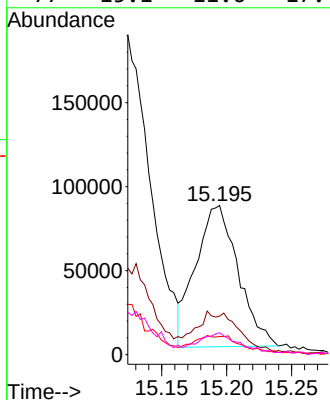
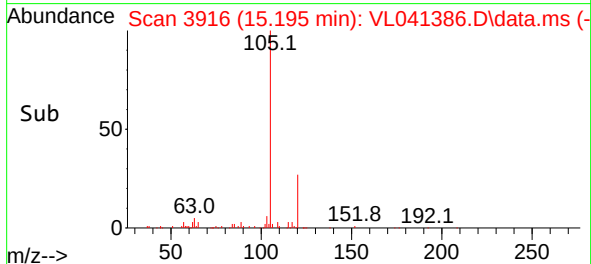
Instrument :
MSVOA_L
ClientSampleId :
IA1DUP



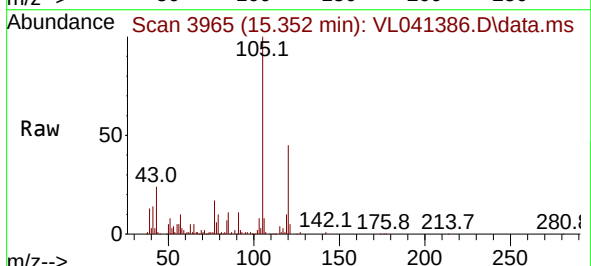
Tgt Ion:105 Resp: 191769
Ion Ratio Lower Upper
105 100
120 34.3 24.2 36.4
91 16.0 10.2 15.2
77 15.1 11.6 17.4

Manual Integrations
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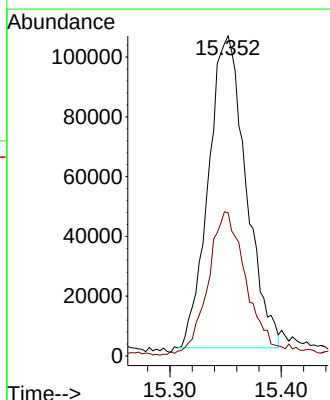
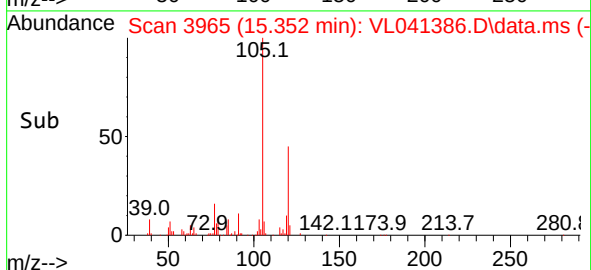
Reviewed By :Mahesh Dadoda 07/23/2024
Supervised By :Semsettin Yesilyurt 07/24/2024

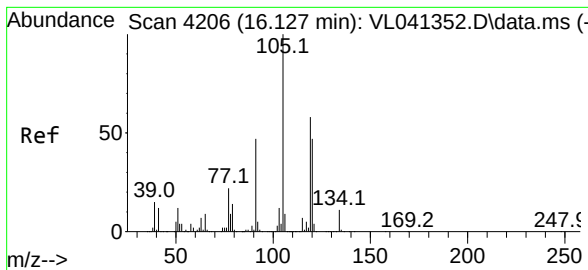


#73
1,3,5-Trimethylbenzene
Concen: 0.977 ppbv
RT: 15.352 min Scan# 3965
Delta R.T. 0.003 min
Lab File: VL041386.D
Acq: 22 Jul 2024 14:44



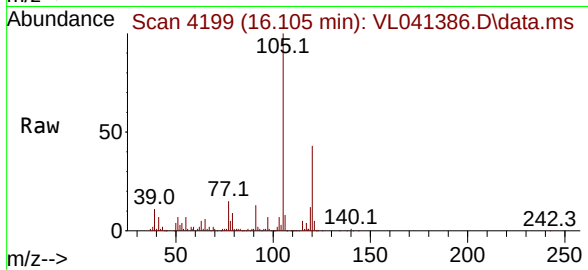
Tgt Ion:105 Resp: 245050
Ion Ratio Lower Upper
105 100
120 44.4 37.3 55.9





#74
1,2,4-Trimethylbenzene
Concen: 2.465 ppbv
RT: 16.105 min Scan# 4199
Delta R.T. 0.000 min
Lab File: VL041386.D
Acq: 22 Jul 2024 14:44

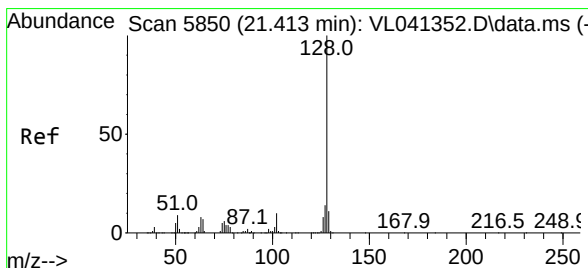
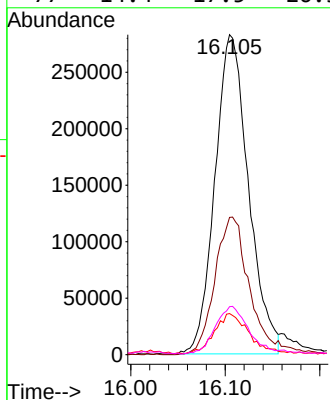
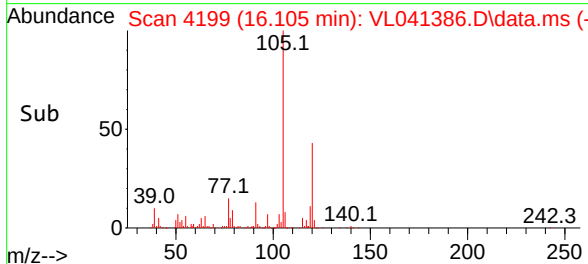
Instrument : MSVOA_L
ClientSampleId : IA1DUP



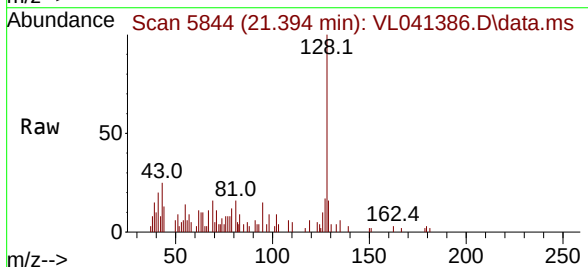
Tgt Ion:105 Resp: 696542
Ion Ratio Lower Upper
105 100
120 42.9 37.8 56.8
91 12.2 38.0 57.0
77 14.4 17.5 26.3#

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 07/23/2024
Supervised By :Semsettin Yesilyurt 07/24/2024



#79
Naphthalene
Concen: 0.136 ppbv m
RT: 21.394 min Scan# 5844
Delta R.T. 0.010 min
Lab File: VL041386.D
Acq: 22 Jul 2024 14:44



Tgt Ion:128 Resp: 20682
Ion Ratio Lower Upper
128 100
127 16.9 10.8 16.2#
129 15.8 9.0 13.4#

