

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL082124\
 Data File : VL041565.D
 Acq On : 21 Aug 2024 13:09
 Operator : SY/MD
 Sample : P3679-03DUP
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1DUP

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 08/23/2024
 Supervised By :Mahesh Dadoda 08/23/2024

Quant Time: Aug 22 01:11:18 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M

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

QLast Update : Thu Aug 22 01:05:17 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.195	49	1034493	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.655	114	2689098	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.462	117	2442872	10.000	ppbv	# 0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.767 95 1918941 10.207 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 102.100%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.748	85	35738	0.201	ppbv	93
3) Chlorodifluoromethane	2.690	51	115233m	0.936	ppbv	
4) Chloromethane	2.832	50	55526	0.848	ppbv	95
6) Bromomethane	3.131	94	7594	0.229	ppbv	87
9) Propene	2.719	41	66250	1.171	ppbv #	82
10) Heptane	7.578	43	72339	0.569	ppbv	98
11) Trichlorofluoromethane	3.571	101	86635	0.548	ppbv	90
13) Ethanol	3.263	45	12754437	2522.447	ppbv	90
15) Acetone	3.475	43	4105338	34.927	ppbv	98
17) tert-Butyl alcohol	3.912	59	86838m	0.810	ppbv	
19) Isopropyl Alcohol	3.604	45	1695050	24.667	ppbv #	1
20) Methylene Chloride	3.941	84	65548	1.495	ppbv	91
26) Hexane	5.218	57	176100	1.818	ppbv #	70
27) Carbon Disulfide	4.134	76	12883	0.114	ppbv #	29
29) Chloroform	5.279	83	403905	2.556	ppbv	95
30) Cyclohexane	6.597	84	17447m	0.221	ppbv	
34) 2-Butanone	4.793	43	362482	2.787	ppbv	97
35) Carbon Tetrachloride	6.491	117	9562m	0.064	ppbv	
36) Benzene	6.372	78	104435	0.531	ppbv	97
42) Bromodichloromethane	7.243	83	15518m	0.098	ppbv	
43) Methyl Methacrylate	7.475	69	9850m	0.140	ppbv	
44) 2,2,4-Trimethylpentane	7.324	57	94936m	0.289	ppbv	
50) 4-Methyl-2-Pentanone	8.185	43	76388m	0.372	ppbv	
51) 2-Hexanone	9.552	43	60666	0.391	ppbv #	98
52) Tetrachloroethene	10.616	164	2865m	0.038	ppbv	
53) Toluene	9.214	91	929690	4.248	ppbv	99
58) Ethyl Benzene	12.082	91	170291	0.605	ppbv	96
59) m/p-Xylene	12.336	91	493909	2.032	ppbv	95
60) o-Xylene	13.050	91	191753	0.834	ppbv	100
61) Styrene	12.896	104	54221m	0.523	ppbv	
64) n-propylbenzene	14.905	120	15282m	0.167	ppbv	
65) tert-Butylbenzene	16.101	119	33880	0.107	ppbv #	49
69) p-Isopropyltoluene	16.989	119	43411	0.120	ppbv	95
72) 4-Ethyltoluene	15.182	105	84413	0.312	ppbv #	95
73) 1,3,5-Trimethylbenzene	15.346	105	73174	0.314	ppbv	89
74) 1,2,4-Trimethylbenzene	16.098	105	296379	1.093	ppbv #	73
76) 1,4-Dichlorobenzene	16.468	146	123755	0.750	ppbv	97
79) Naphthalene	21.381	128	71924m	0.301	ppbv	

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

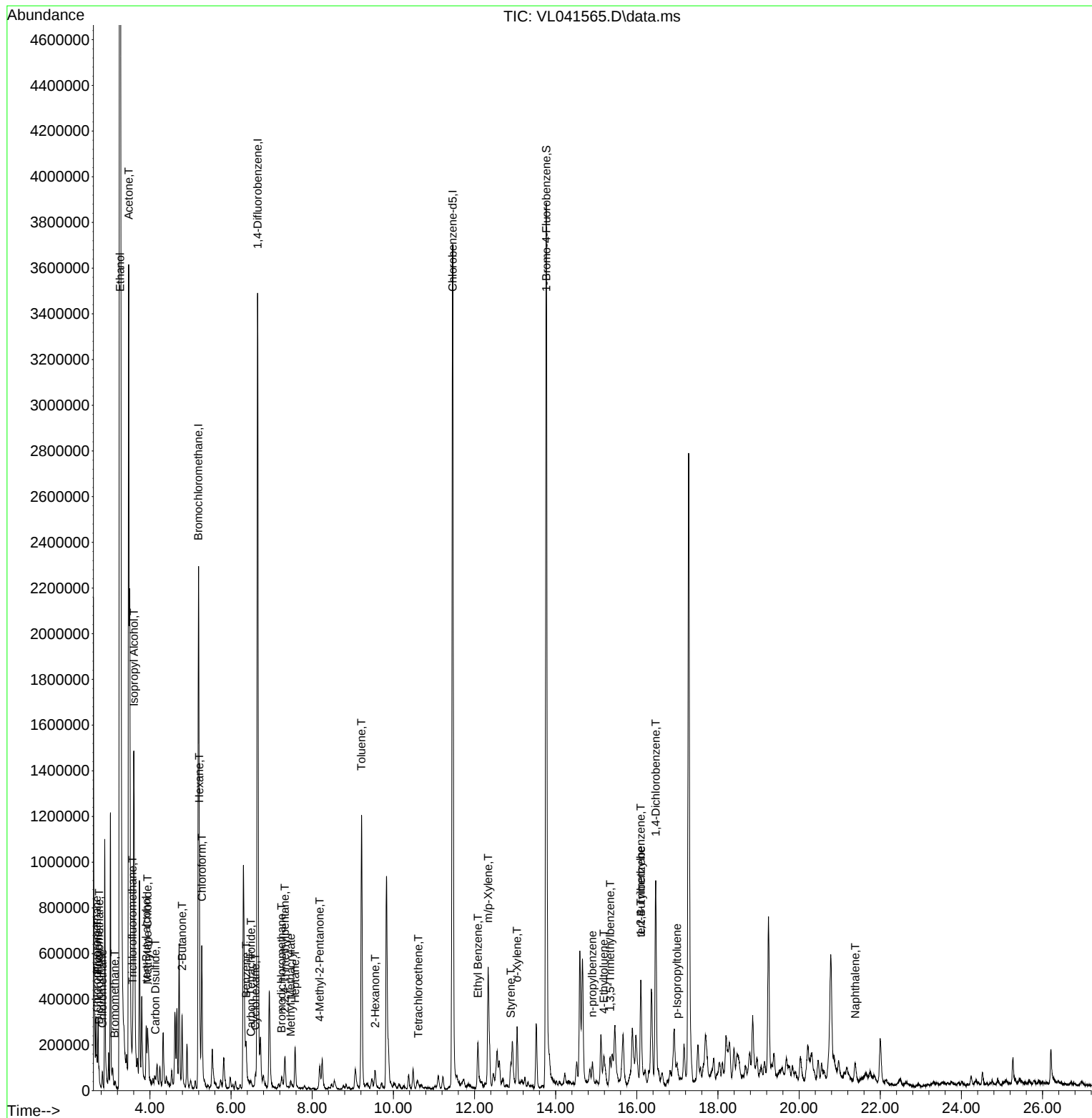
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL082124\
Data File : VL041565.D
Acq On : 21 Aug 2024 13:09
Operator : SY/MD
Sample : P3679-03DUP
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ALS Vial : 1 Sample Multiplier: 1

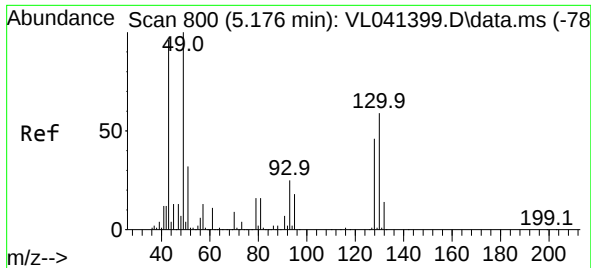
Instrument :
MSVOA_L
ClientSampleId :
IA1DUP

Quant Time: Aug 22 01:11:18 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 : Thu Aug 22 01:05:17 2024
Response via : Initial Calibration

Manual Integrations
APPROVED

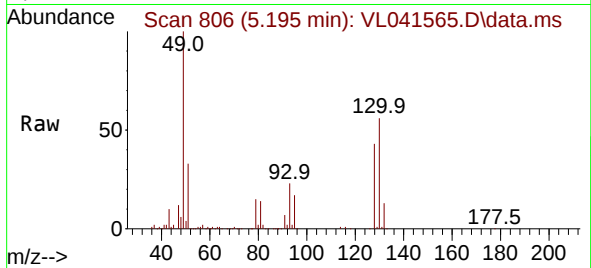
Reviewed By : Semsettin Yesilyurt 08/23/2024
Supervised By : Mahesh Dadoda 08/23/2024





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.195 min Scan# 80
Delta R.T. 0.000 min
Lab File: VL041565.D
Acq: 21 Aug 2024 13:09

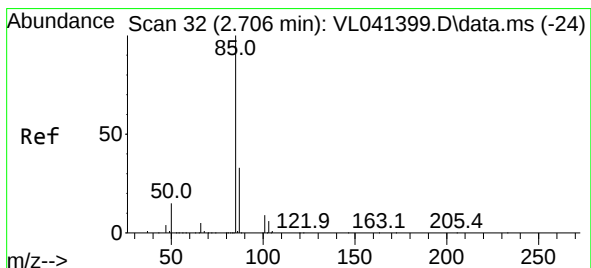
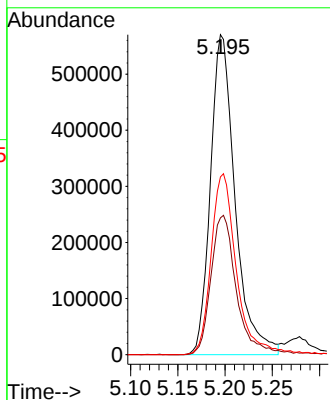
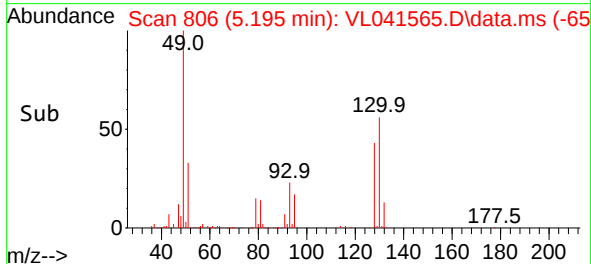
Instrument :
MSVOA_L
ClientSampleId :
IA1DUP



Tgt Ion: 49 Resp: 103449
Ion Ratio Lower Upper
49 100
128 46.0 23.8 71.4
130 58.8 30.8 92.4

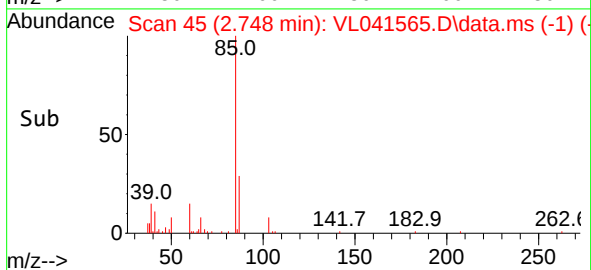
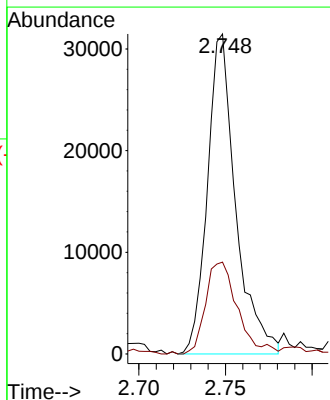
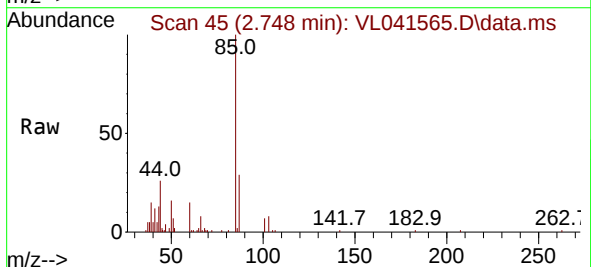
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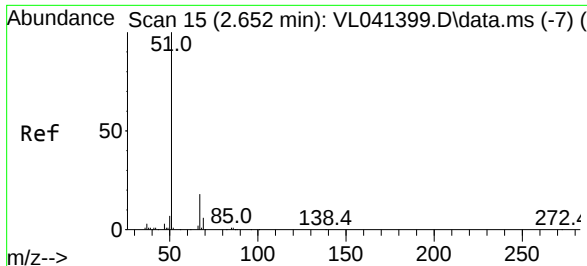
Reviewed By :Semsettin Yesilyurt 08/23/2024
Supervised By :Mahesh Dadoda 08/23/2024



#2
Dichlorodifluoromethane
Concen: 0.201 ppbv
RT: 2.748 min Scan# 45
Delta R.T. 0.007 min
Lab File: VL041565.D
Acq: 21 Aug 2024 13:09

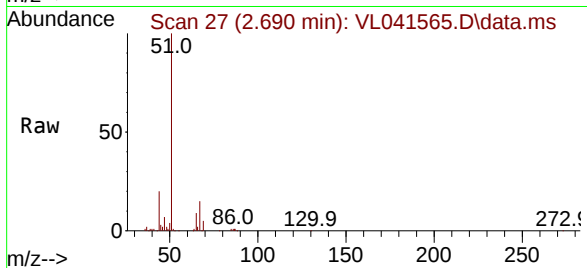
Tgt Ion: 85 Resp: 35738
Ion Ratio Lower Upper
85 100
87 28.7 26.0 39.0





#3
Chlorodifluoromethane
Concen: 0.936 ppbv m
RT: 2.690 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL041565.D
Acq: 21 Aug 2024 13:09

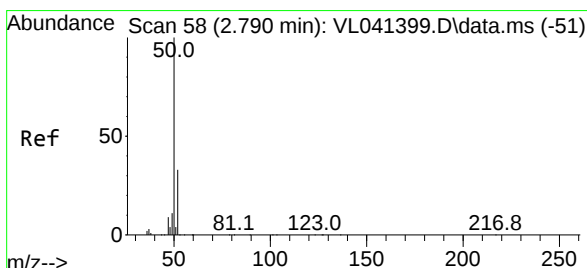
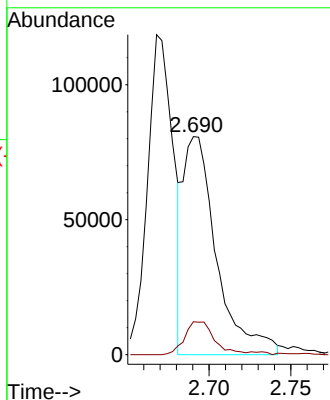
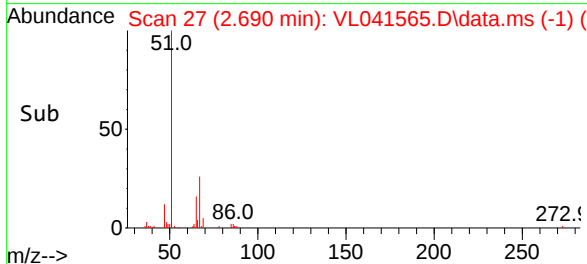
Instrument :
MSVOA_L
ClientSampleId :
IA1DUP



Tgt Ion: 51 Resp: 11523
Ion Ratio Lower Upper
51 100
67 14.6 14.5 21.7

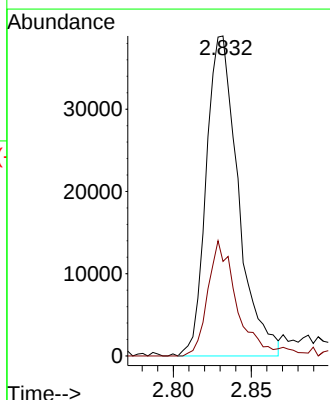
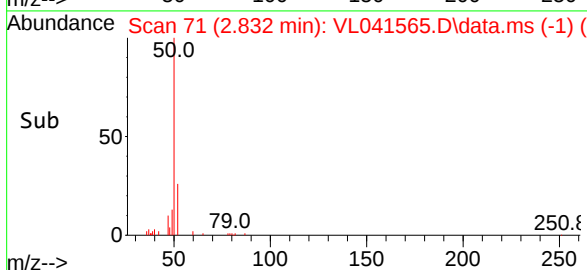
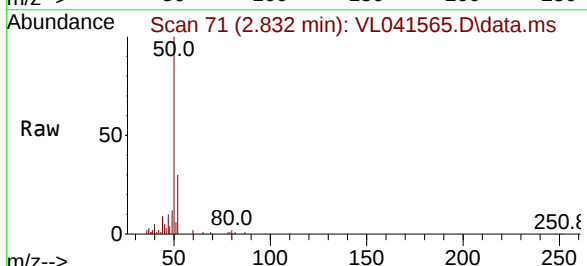
Manual Integrations
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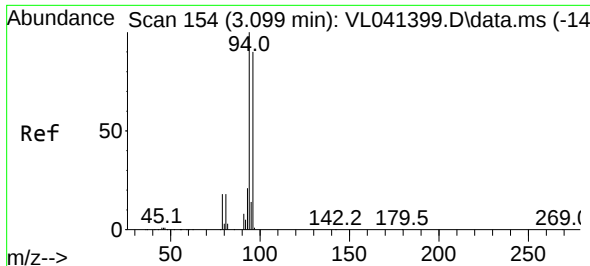
Reviewed By :Semsettin Yesilyurt 08/23/2024
Supervised By :Mahesh Dadoda 08/23/2024



#4
Chloromethane
Concen: 0.848 ppbv
RT: 2.832 min Scan# 71
Delta R.T. 0.007 min
Lab File: VL041565.D
Acq: 21 Aug 2024 13:09

Tgt Ion: 50 Resp: 55526
Ion Ratio Lower Upper
50 100
52 29.5 26.1 39.1





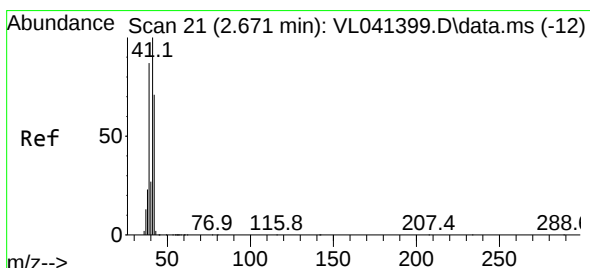
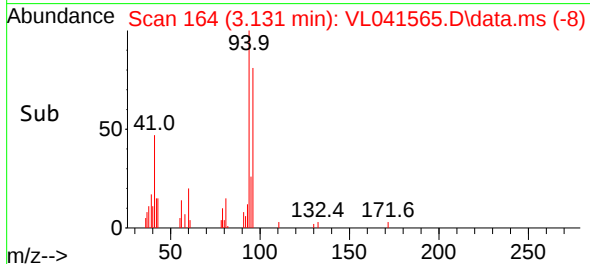
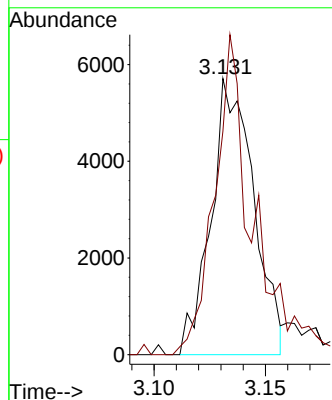
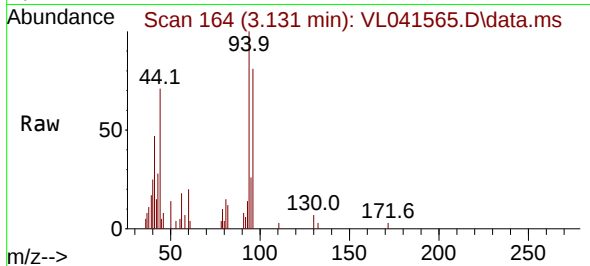
#6
Bromomethane
Concen: 0.229 ppbv
RT: 3.131 min Scan# 1
Delta R.T. 0.000 min
Lab File: VL041565.D
Acq: 21 Aug 2024 13:09

Instrument :
MSVOA_L
ClientSampleId :
IA1DUP

Tgt Ion: 94 Resp: 7594
Ion Ratio Lower Upper
94 100
96 78.0 72.3 108.5

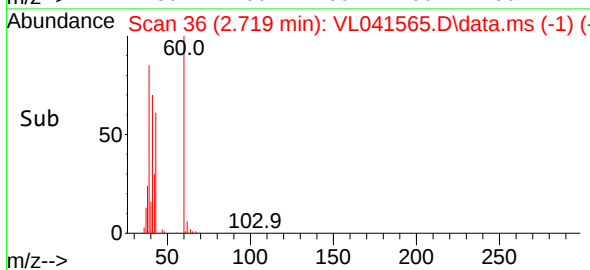
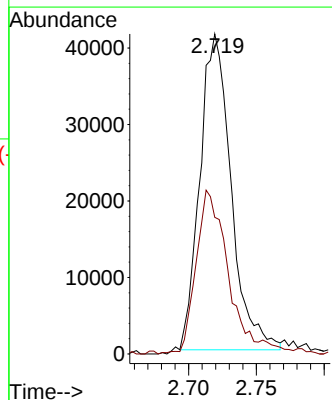
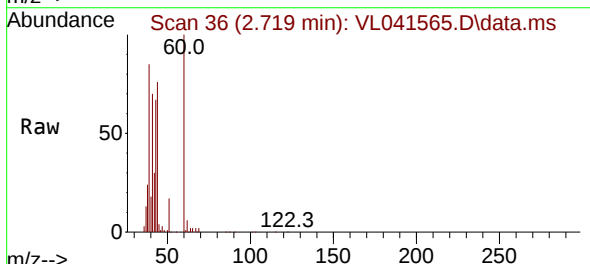
Manual Integrations
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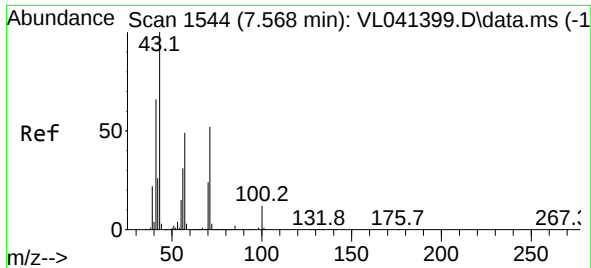
Reviewed By :Semsettin Yesilyurt 08/23/2024
Supervised By :Mahesh Dadoda 08/23/2024



#9
Propene
Concen: 1.171 ppbv
RT: 2.719 min Scan# 36
Delta R.T. 0.013 min
Lab File: VL041565.D
Acq: 21 Aug 2024 13:09

Tgt Ion: 41 Resp: 66250
Ion Ratio Lower Upper
41 100
42 55.0 55.9 83.9#





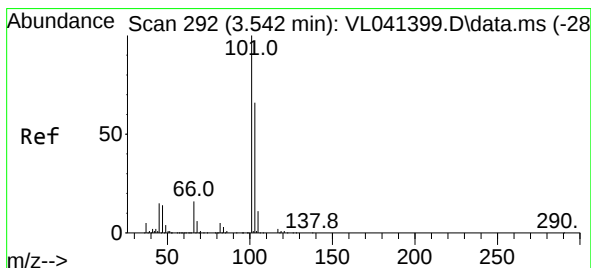
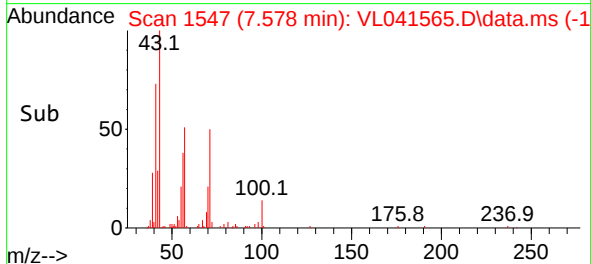
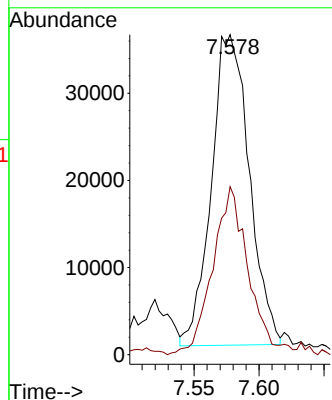
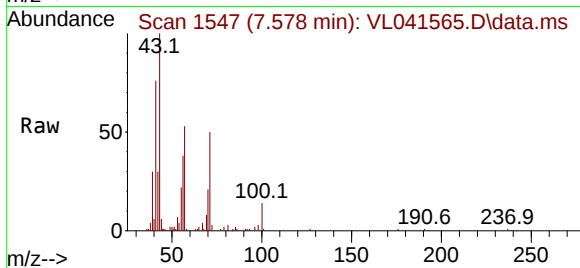
#10
Heptane
Concen: 0.569 ppbv
RT: 7.578 min Scan# 11
Delta R.T. -0.003 min
Lab File: VL041565.D
Acq: 21 Aug 2024 13:09

Instrument :
MSVOA_L
ClientSampleId :
IA1DUP

Tgt Ion: 43 Resp: 72339
Ion Ratio Lower Upper
43 100
57 51.9 40.5 60.7

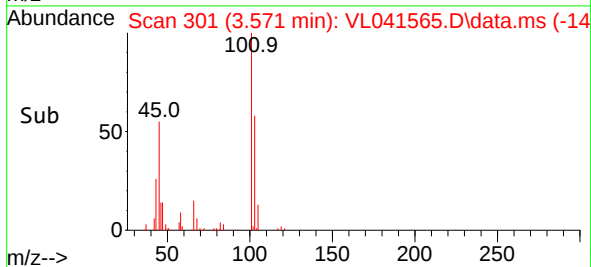
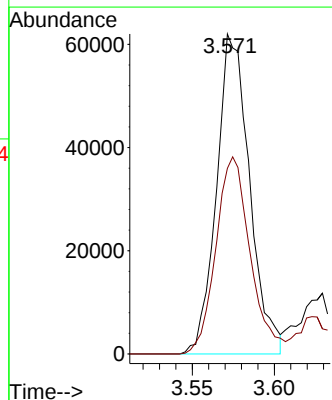
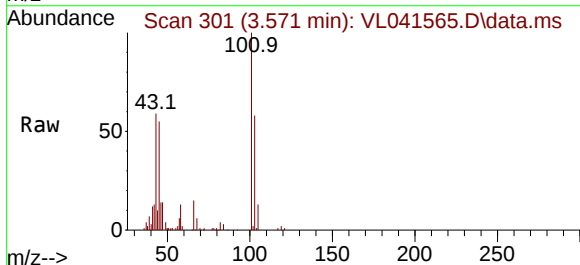
Manual Integrations
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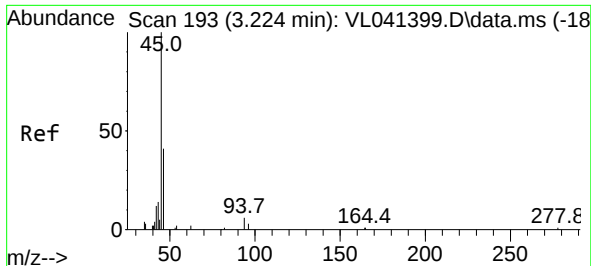
Reviewed By :Semsettin Yesilyurt 08/23/2024
Supervised By :Mahesh Dadoda 08/23/2024



#11
Trichlorofluoromethane
Concen: 0.548 ppbv
RT: 3.571 min Scan# 301
Delta R.T. 0.000 min
Lab File: VL041565.D
Acq: 21 Aug 2024 13:09

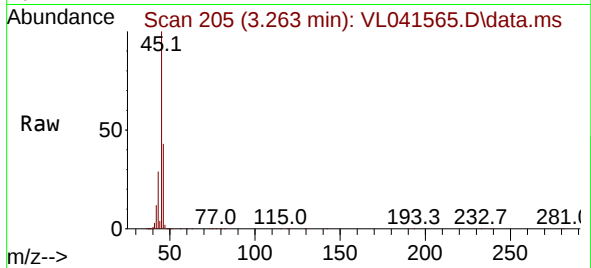
Tgt Ion:101 Resp: 86635
Ion Ratio Lower Upper
101 100
103 58.0 52.6 79.0





#13
Ethanol
Concen: 2522.447 ppbv
RT: 3.263 min Scan# 205
Delta R.T. 0.003 min
Lab File: VL041565.D
Acq: 21 Aug 2024 13:09

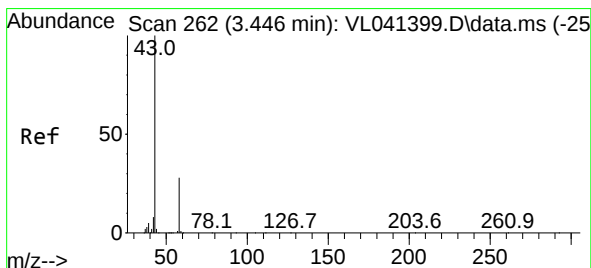
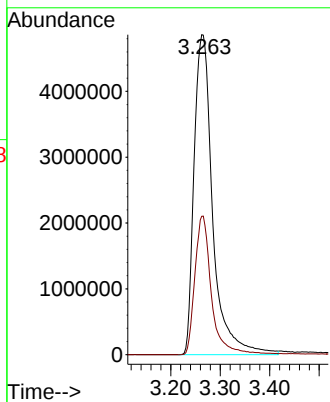
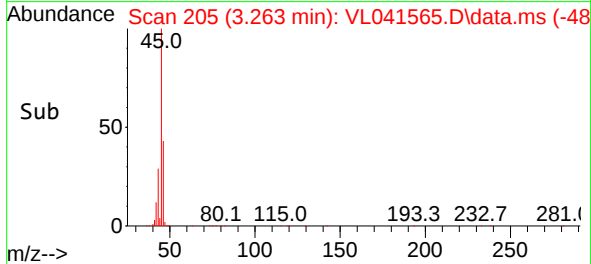
Instrument :
MSVOA_L
ClientSampleId :
IA1DUP



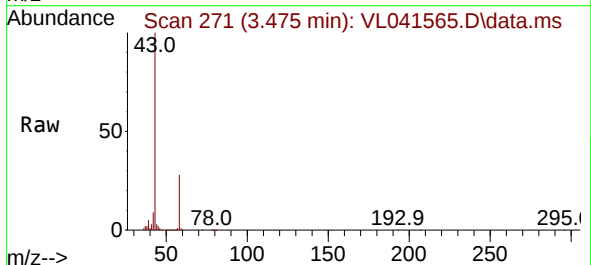
Tgt Ion: 45 Resp: 1275443
Ion Ratio Lower Upper
45 100
46 39.0 13.4 53.4

Manual Integrations
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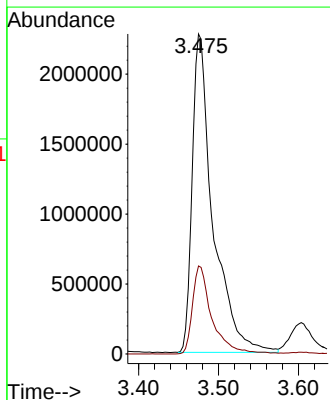
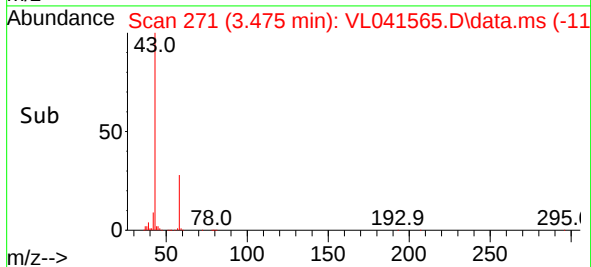
Reviewed By :Semsettin Yesilyurt 08/23/2024
Supervised By :Mahesh Dadoda 08/23/2024

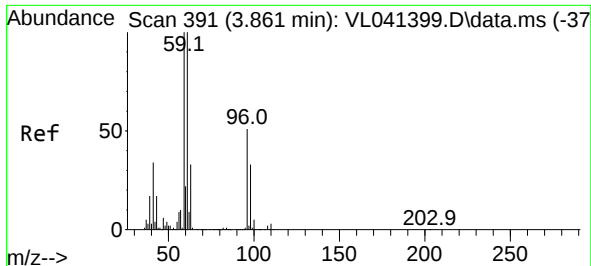


#15
Acetone
Concen: 34.927 ppbv
RT: 3.475 min Scan# 271
Delta R.T. -0.003 min
Lab File: VL041565.D
Acq: 21 Aug 2024 13:09



Tgt Ion: 43 Resp: 4105338
Ion Ratio Lower Upper
43 100
58 25.9 21.4 32.2





#17

tert-Butyl alcohol

Concen: 0.810 ppbv m

RT: 3.912 min Scan# 407

Delta R.T. 0.029 min

Lab File: VL041565.D

Acq: 21 Aug 2024 13:09

Instrument :

MSVOA_L

ClientSampleId :

IA1DUP

Tgt Ion: 59 Resp: 86838

Ion Ratio Lower Upper

59 100

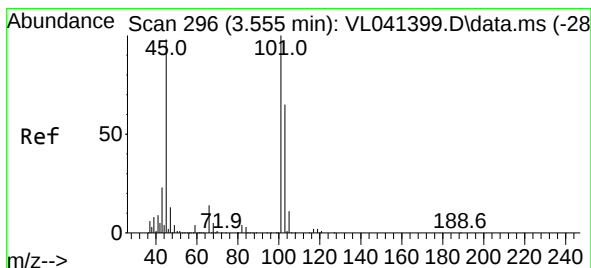
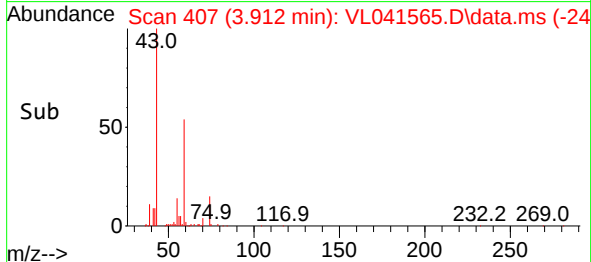
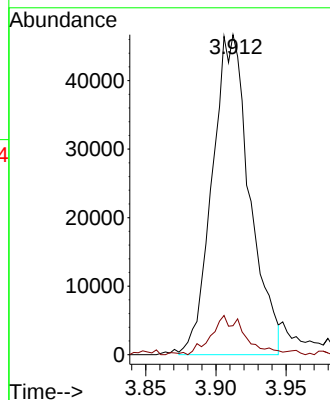
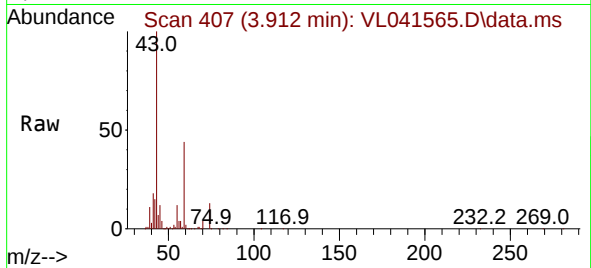
57 0.0 8.6 12.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/23/2024

Supervised By :Mahesh Dadoda 08/23/2024



#19

Isopropyl Alcohol

Concen: 24.667 ppbv

RT: 3.604 min Scan# 311

Delta R.T. 0.019 min

Lab File: VL041565.D

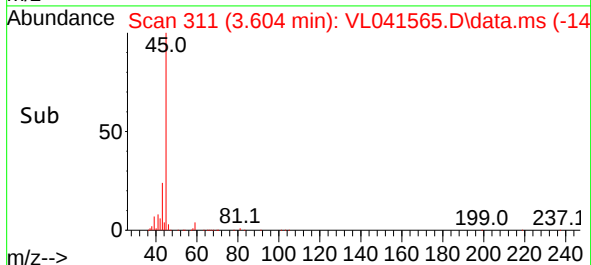
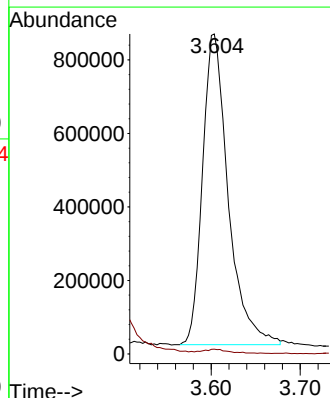
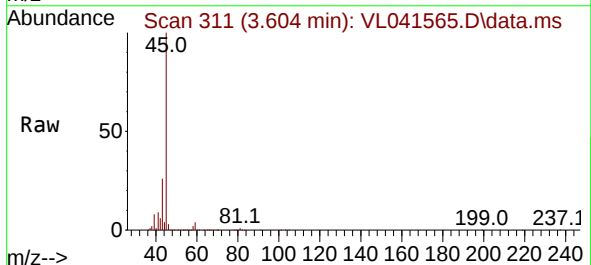
Acq: 21 Aug 2024 13:09

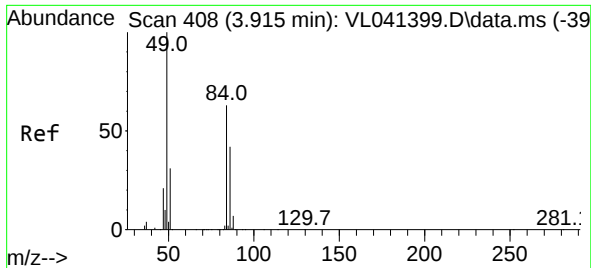
Tgt Ion: 45 Resp: 1695050

Ion Ratio Lower Upper

45 100

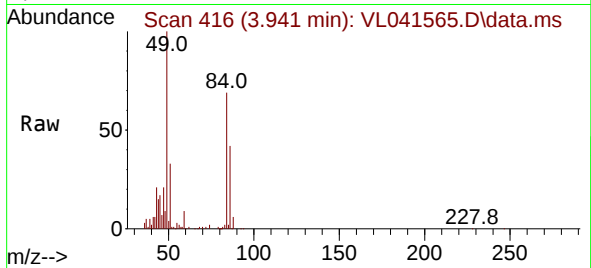
58 62.8 1.9 2.9





#20
Methylene Chloride
Concen: 1.495 ppbv
RT: 3.941 min Scan# 416
Delta R.T. 0.000 min
Lab File: VL041565.D
Acq: 21 Aug 2024 13:09

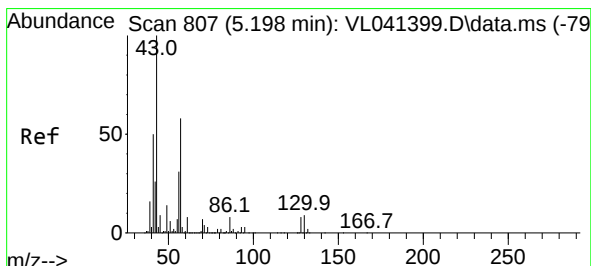
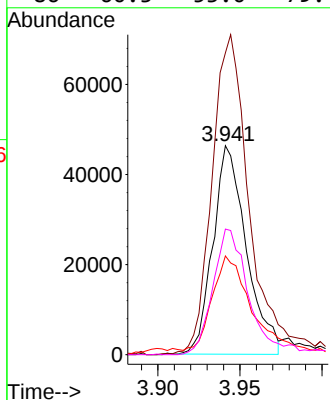
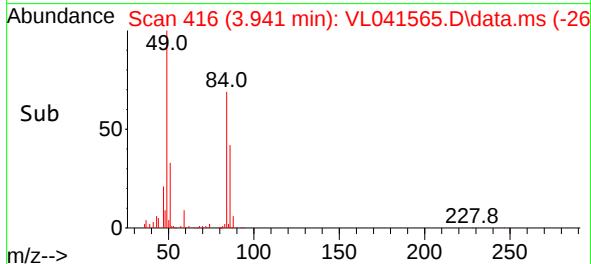
Instrument :
MSVOA_L
ClientSampleId :
IA1DUP



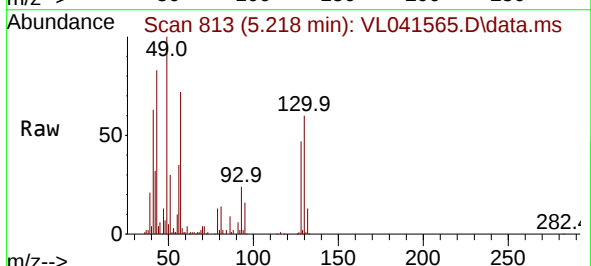
Tgt Ion: 84 Resp: 65548
Ion Ratio Lower Upper
84 100
49 143.4 126.6 190.0
51 44.9 38.6 58.0
86 60.3 53.0 79.4

Manual Integrations
APPROVED

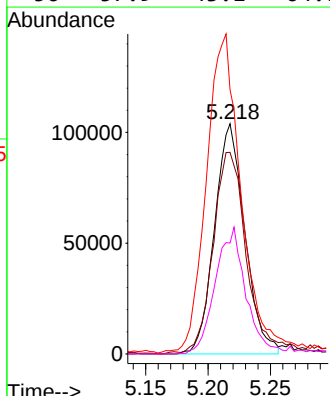
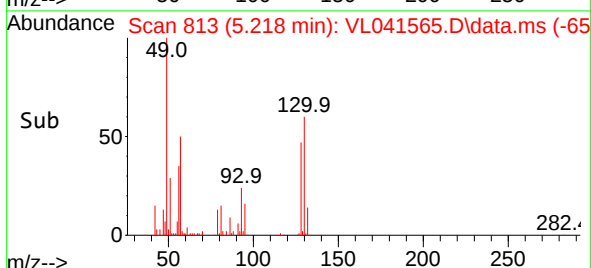
Reviewed By :Semsettin Yesilyurt 08/23/2024
Supervised By :Mahesh Dadoda 08/23/2024

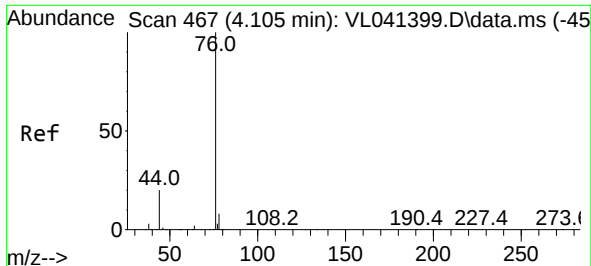


#26
Hexane
Concen: 1.818 ppbv
RT: 5.218 min Scan# 813
Delta R.T. 0.000 min
Lab File: VL041565.D
Acq: 21 Aug 2024 13:09



Tgt Ion: 57 Resp: 176100
Ion Ratio Lower Upper
57 100
41 97.4 74.0 111.0
43 164.7 193.6 290.4#
56 57.9 43.1 64.7





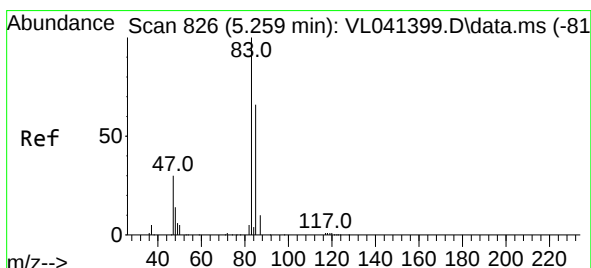
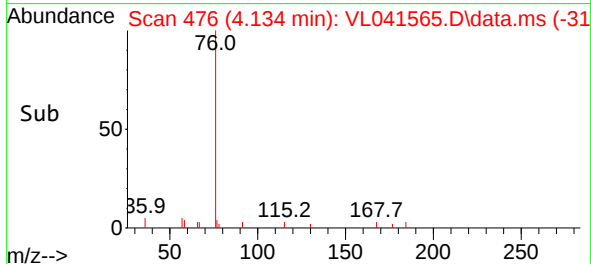
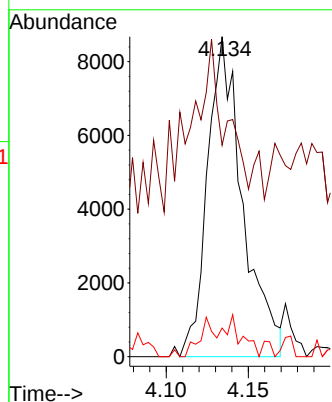
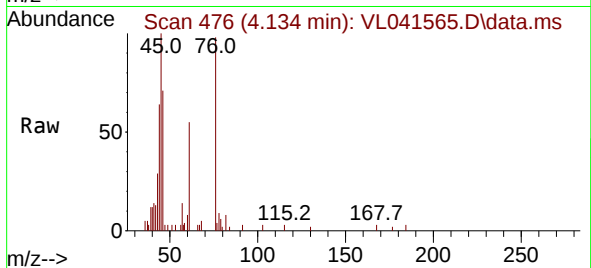
#27
Carbon Disulfide
Concen: 0.114 ppbv
RT: 4.134 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL041565.D
Acq: 21 Aug 2024 13:09

Instrument :
MSVOA_L
ClientSampleId :
IA1DUP

Tgt Ion: 76 Resp: 1288
Ion Ratio Lower Upper
76 100
44 64.9 15.6 23.4
78 14.6 7.7 11.5

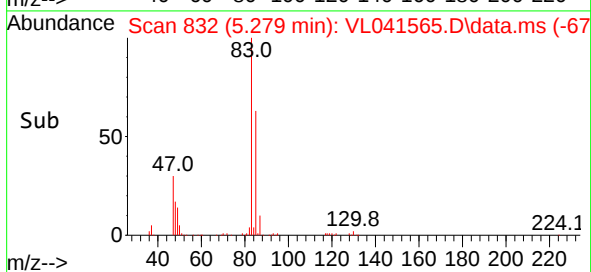
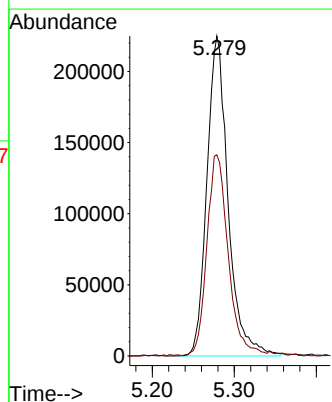
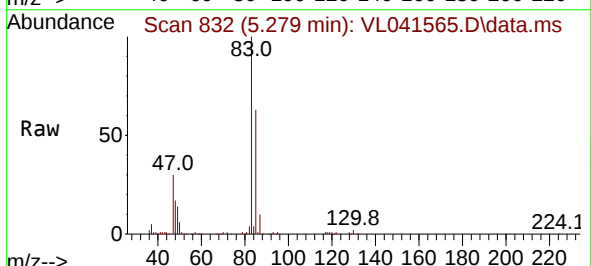
Manual Integrations
APPROVED

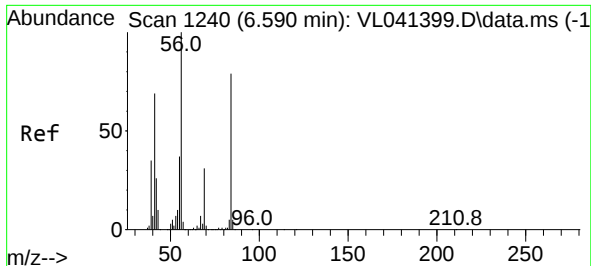
Reviewed By :Semsettin Yesilyurt 08/23/2024
Supervised By :Mahesh Dadoda 08/23/2024



#29
Chloroform
Concen: 2.556 ppbv
RT: 5.279 min Scan# 832
Delta R.T. 0.000 min
Lab File: VL041565.D
Acq: 21 Aug 2024 13:09

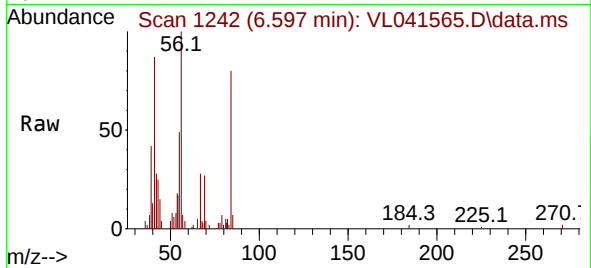
Tgt Ion: 83 Resp: 403905
Ion Ratio Lower Upper
83 100
85 62.6 53.1 79.7





#30
Cyclohexane
Concen: 0.221 ppbv m
RT: 6.597 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VL041565.D
Acq: 21 Aug 2024 13:09

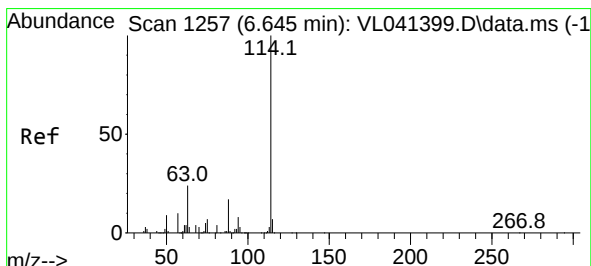
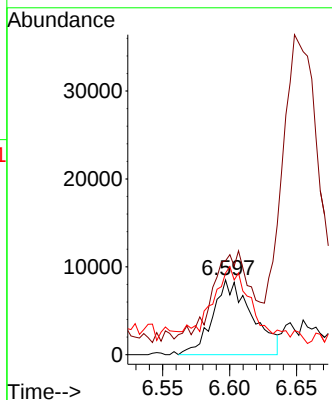
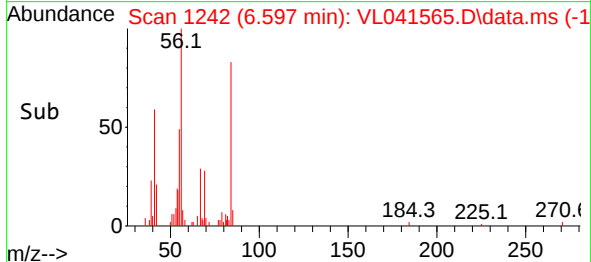
Instrument :
MSVOA_L
ClientSampleId :
IA1DUP



Tgt Ion: 84 Resp: 1744
Ion Ratio Lower Upper
84 100
56 172.0 111.2 166.8
41 0.0 70.3 105.5

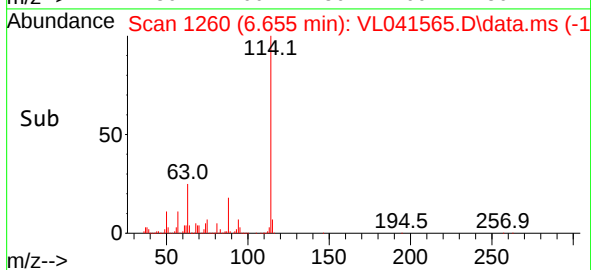
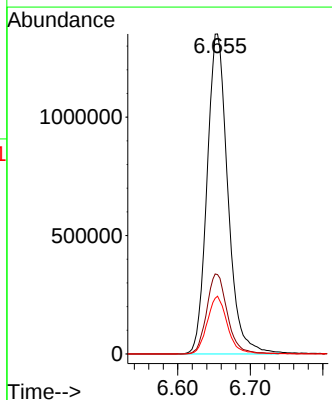
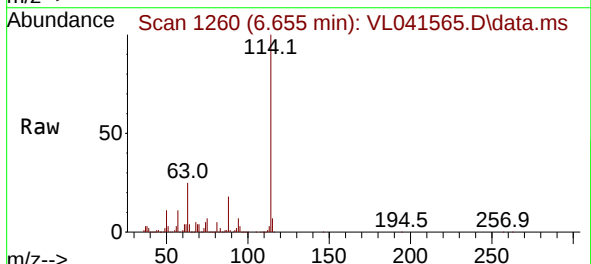
Manual Integrations
APPROVED

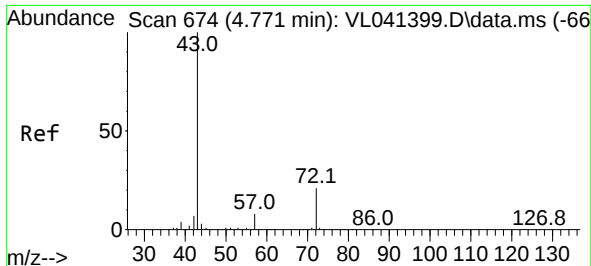
Reviewed By :Semsettin Yesilyurt 08/23/2024
Supervised By :Mahesh Dadoda 08/23/2024



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.655 min Scan# 1260
Delta R.T. 0.000 min
Lab File: VL041565.D
Acq: 21 Aug 2024 13:09

Tgt Ion:114 Resp: 2689098
Ion Ratio Lower Upper
114 100
63 25.1 20.3 30.5
88 17.6 14.3 21.5





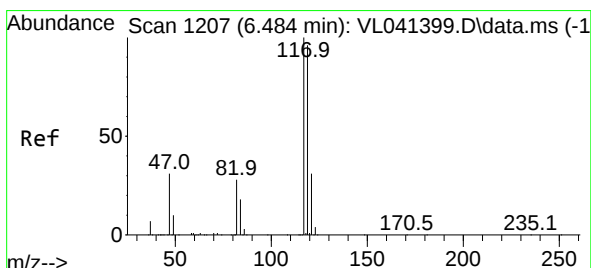
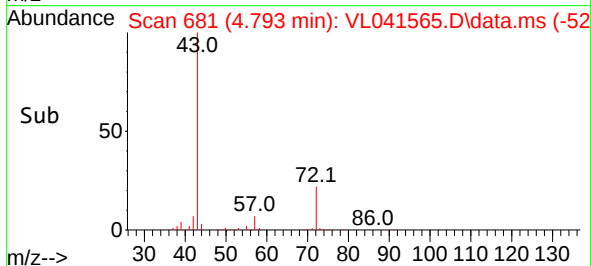
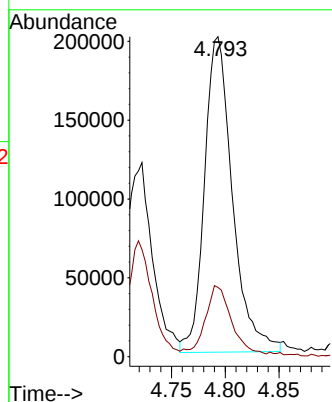
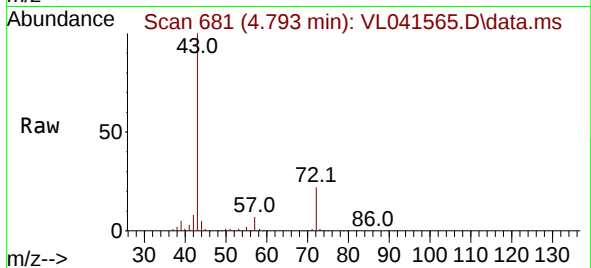
#34
2-Butanone
Concen: 2.787 ppbv
RT: 4.793 min Scan# 61
Delta R.T. 0.000 min
Lab File: VL041565.D
Acq: 21 Aug 2024 13:09

Instrument :
MSVOA_L
ClientSampleId :
IA1DUP

Tgt Ion: 43 Resp: 36248
Ion Ratio Lower Upper
43 100
72 23.1 17.3 25.9

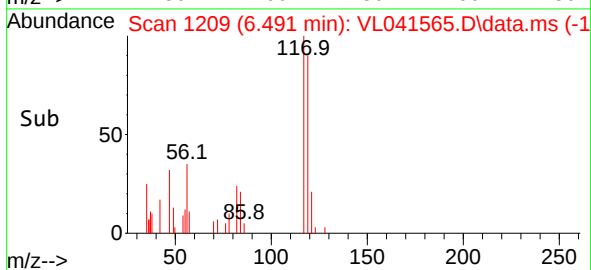
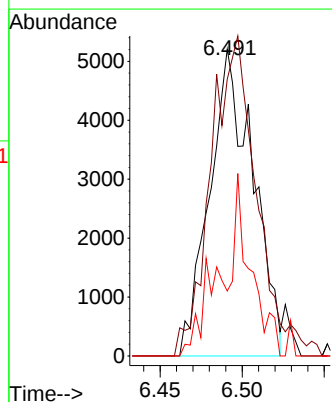
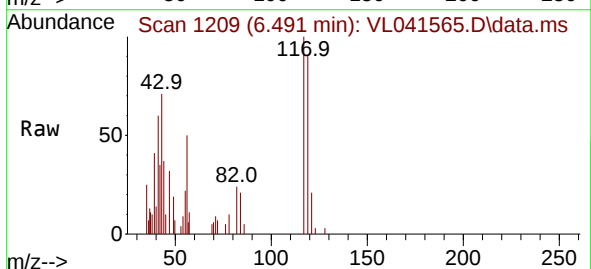
Manual Integrations
APPROVED

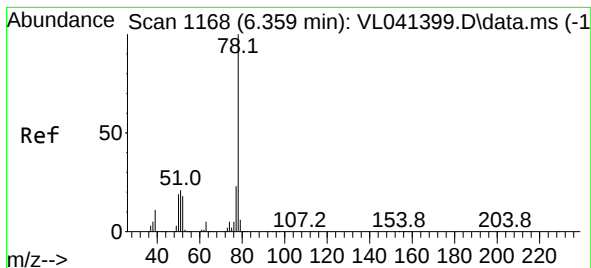
Reviewed By :Semsettin Yesilyurt 08/23/2024
Supervised By :Mahesh Dadoda 08/23/2024



#35
Carbon Tetrachloride
Concen: 0.064 ppbv m
RT: 6.491 min Scan# 1209
Delta R.T. -0.006 min
Lab File: VL041565.D
Acq: 21 Aug 2024 13:09

Tgt Ion:117 Resp: 9562
Ion Ratio Lower Upper
117 100
119 90.1 76.6 115.0
121 21.2 25.1 37.7#





#36

Benzene

Concen: 0.531 ppbv

RT: 6.372 min Scan# 1168

Delta R.T. 0.000 min

Lab File: VL041565.D

Acq: 21 Aug 2024 13:09

Instrument :

MSVOA_L

ClientSampleId :

IA1DUP

Tgt Ion: 78 Resp: 10443

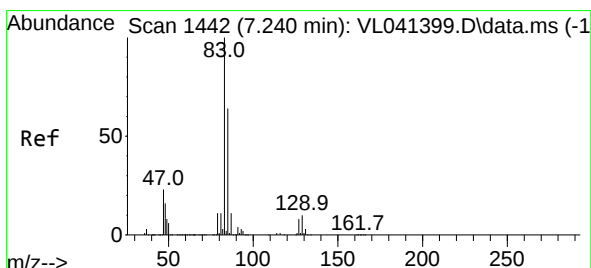
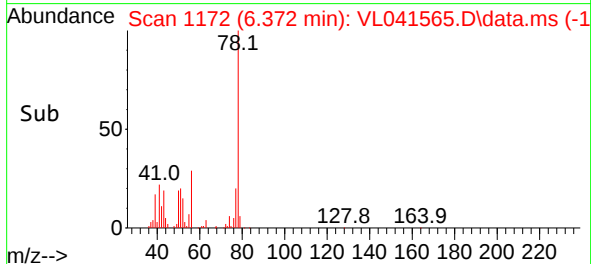
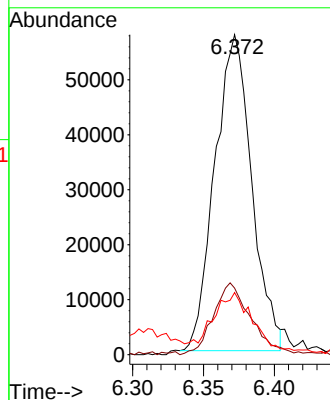
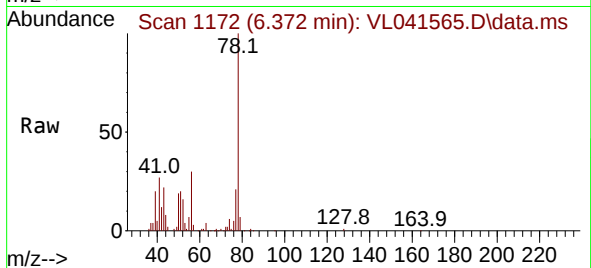
Ion	Ratio	Lower	Upper
78	100		
77	21.1	18.1	27.1
50	17.8	15.5	23.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/23/2024

Supervised By :Mahesh Dadoda 08/23/2024



#42

Bromodichloromethane

Concen: 0.098 ppbv m

RT: 7.243 min Scan# 1443

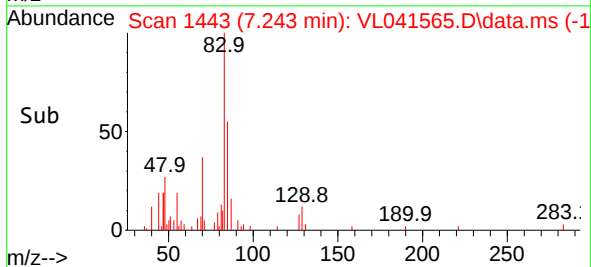
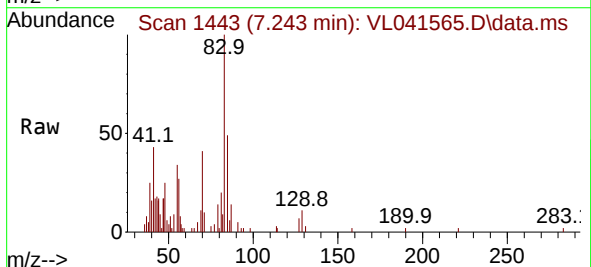
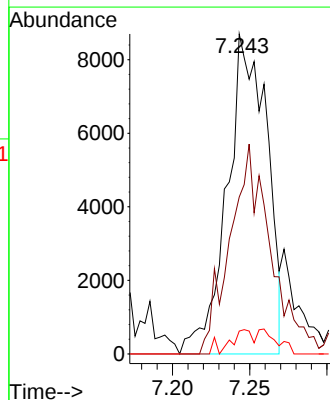
Delta R.T. -0.010 min

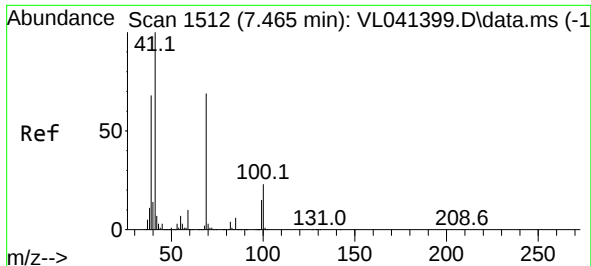
Lab File: VL041565.D

Acq: 21 Aug 2024 13:09

Tgt Ion: 83 Resp: 15518

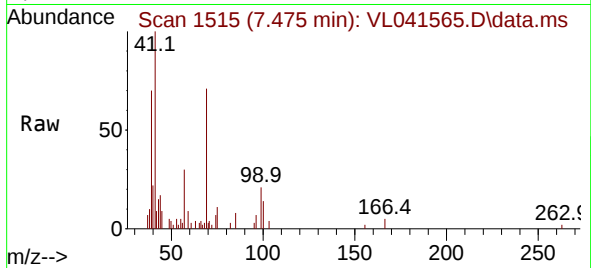
Ion	Ratio	Lower	Upper
83	100		
85	49.0	51.4	77.0#
127	7.1	6.7	10.1





#43
Methyl Methacrylate
Concen: 0.140 ppbv m
RT: 7.475 min Scan# 1515
Delta R.T. 0.000 min
Lab File: VL041565.D
Acq: 21 Aug 2024 13:09

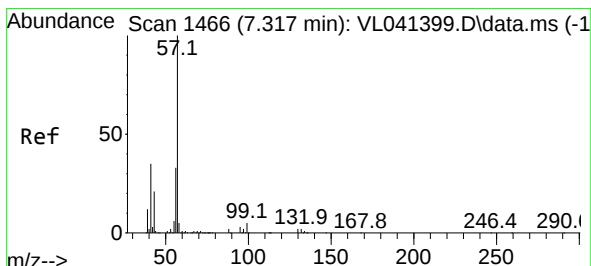
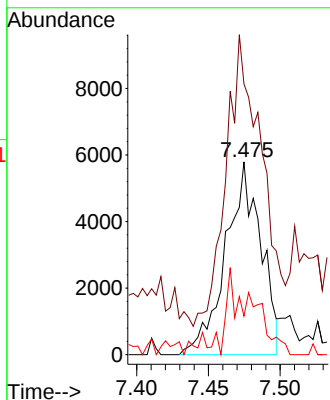
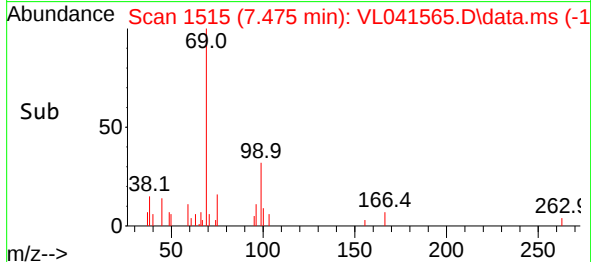
Instrument :
MSVOA_L
ClientSampleId :
IA1DUP



Tgt Ion: 69 Resp: 9850
Ion Ratio Lower Upper
69 100
41 161.2 118.7 178.1
100 45.1 27.0 40.4

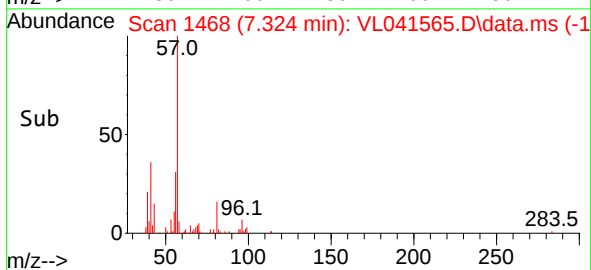
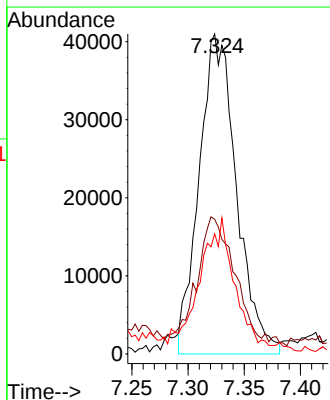
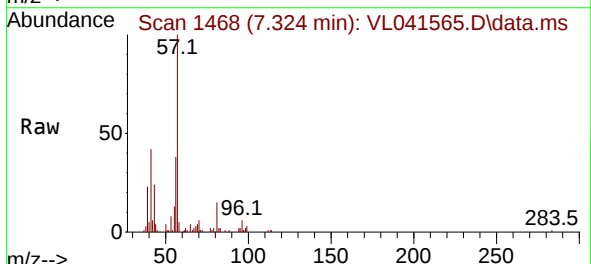
Manual Integrations
APPROVED

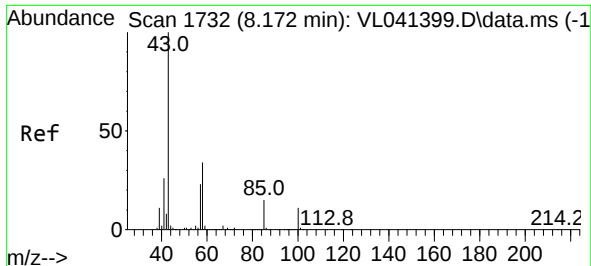
Reviewed By :Semsettin Yesilyurt 08/23/2024
Supervised By :Mahesh Dadoda 08/23/2024



#44
2,2,4-Trimethylpentane
Concen: 0.289 ppbv m
RT: 7.324 min Scan# 1468
Delta R.T. -0.003 min
Lab File: VL041565.D
Acq: 21 Aug 2024 13:09

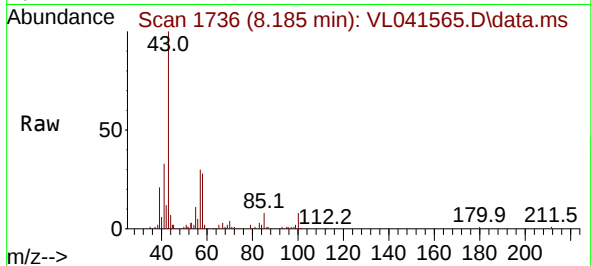
Tgt Ion: 57 Resp: 94936
Ion Ratio Lower Upper
57 100
41 0.0 27.0 40.6#
56 39.9 25.2 37.8#





#50
4-Methyl-2-Pentanone
Concen: 0.372 ppbv m
RT: 8.185 min Scan# 1736
Delta R.T. 0.003 min
Lab File: VL041565.D
Acq: 21 Aug 2024 13:09

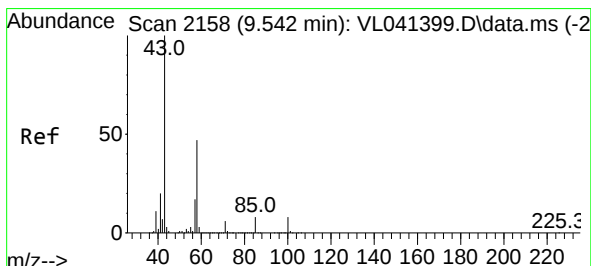
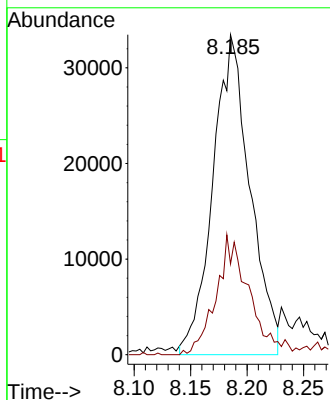
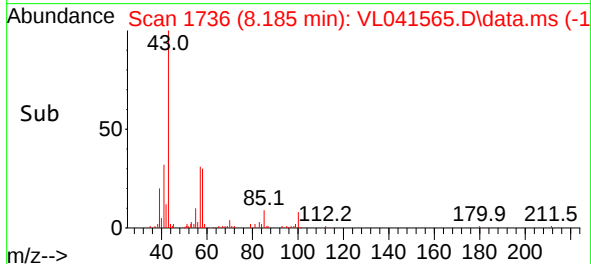
Instrument :
MSVOA_L
ClientSampleId :
IA1DUP



Tgt Ion: 43 Resp: 7638
Ion Ratio Lower Upper
43 100
58 36.0 27.9 41.9

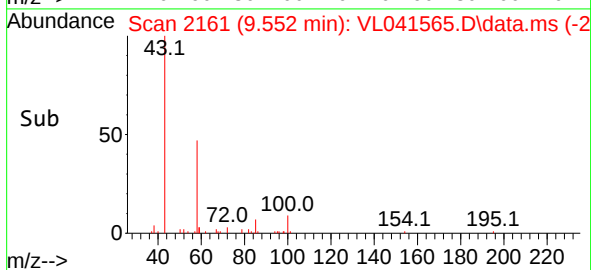
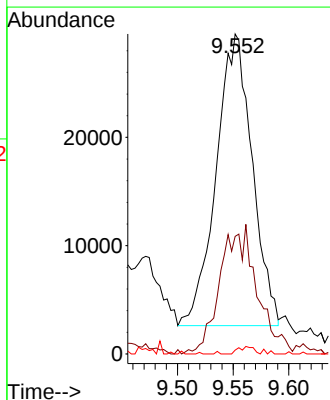
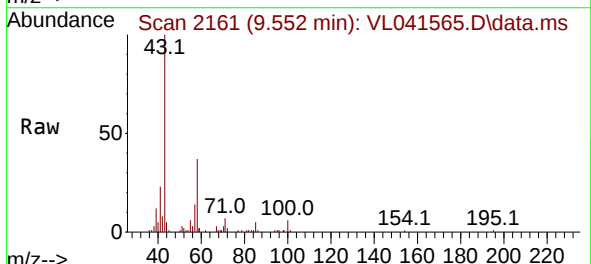
Manual Integrations
APPROVED

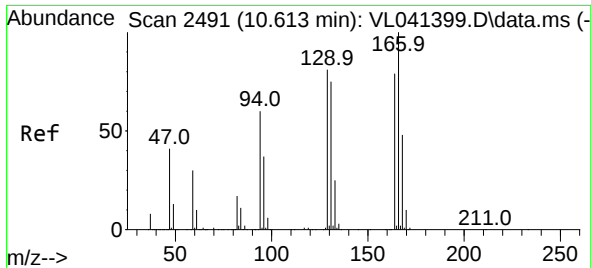
Reviewed By :Semsettin Yesilyurt 08/23/2024
Supervised By :Mahesh Dadoda 08/23/2024



#51
2-Hexanone
Concen: 0.391 ppbv
RT: 9.552 min Scan# 2161
Delta R.T. 0.000 min
Lab File: VL041565.D
Acq: 21 Aug 2024 13:09

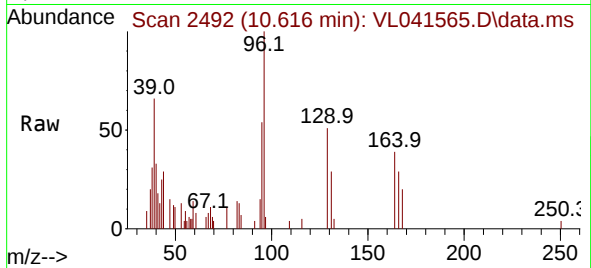
Tgt Ion: 43 Resp: 60666
Ion Ratio Lower Upper
43 100
58 46.5 38.2 57.2
98 1.5 0.3 0.5





#52
Tetrachloroethene
Concen: 0.038 ppbv m
RT: 10.616 min Scan# 2491
Delta R.T. 0.000 min
Lab File: VL041565.D
Acq: 21 Aug 2024 13:09

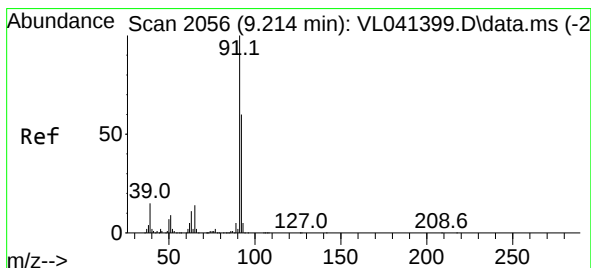
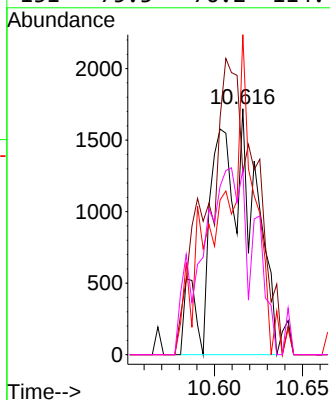
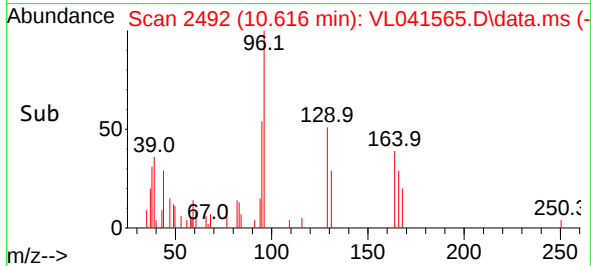
Instrument :
MSVOA_L
ClientSampleId :
IA1DUP



Tgt Ion:164 Resp: 286
Ion Ratio Lower Upper
164 100
166 74.1 101.1 151.7
129 130.1 81.7 122.5
131 75.3 76.2 114.4

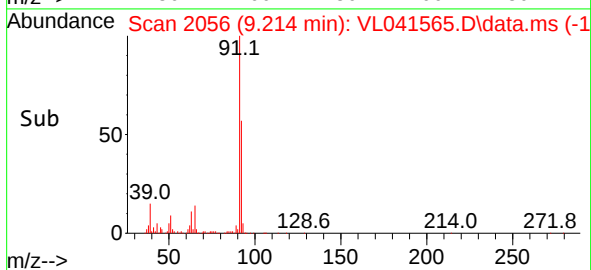
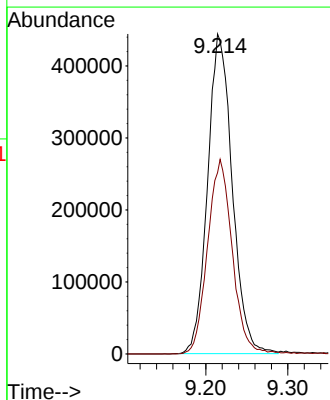
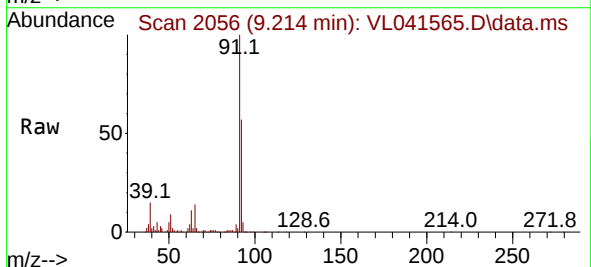
Manual Integrations
APPROVED

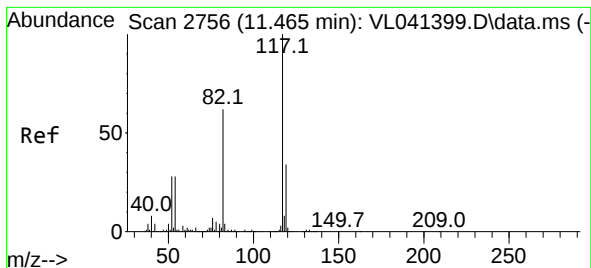
Reviewed By :Semsettin Yesilyurt 08/23/2024
Supervised By :Mahesh Dadoda 08/23/2024



#53
Toluene
Concen: 4.248 ppbv
RT: 9.214 min Scan# 2056
Delta R.T. -0.006 min
Lab File: VL041565.D
Acq: 21 Aug 2024 13:09

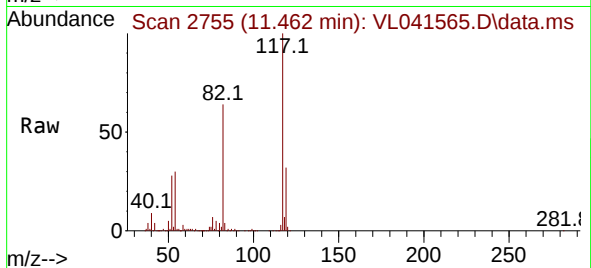
Tgt Ion: 91 Resp: 929690
Ion Ratio Lower Upper
91 100
92 61.4 48.7 73.1





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.462 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL041565.D
Acq: 21 Aug 2024 13:09

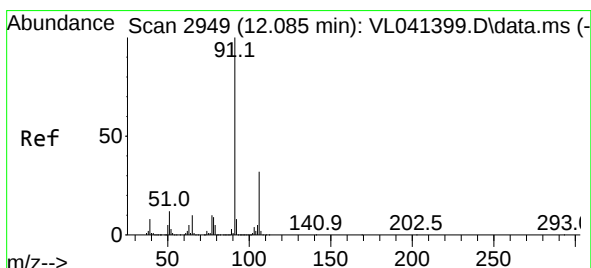
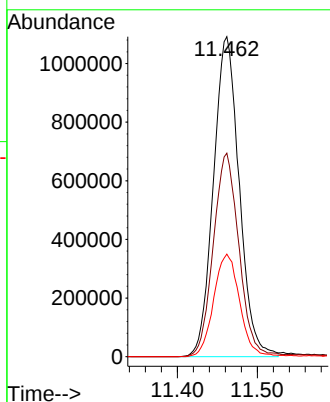
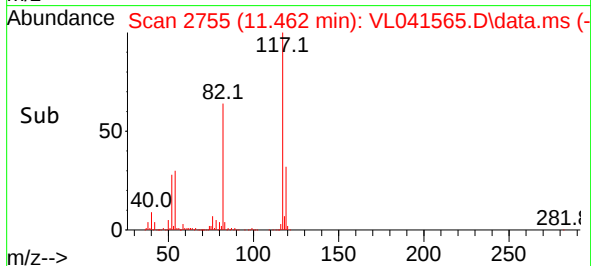
Instrument :
MSVOA_L
ClientSampleId :
IA1DUP



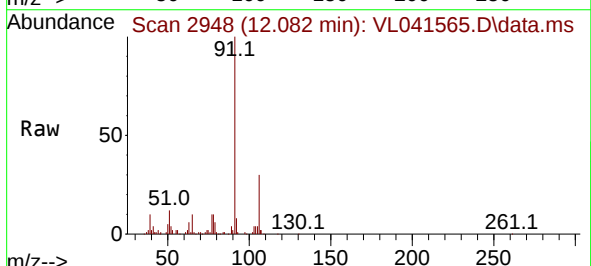
Tgt Ion:117 Resp: 2442872
Ion Ratio Lower Upper
117 100
82 64.7 51.0 76.6
119 32.5 45.2 67.8

Manual Integrations
APPROVED

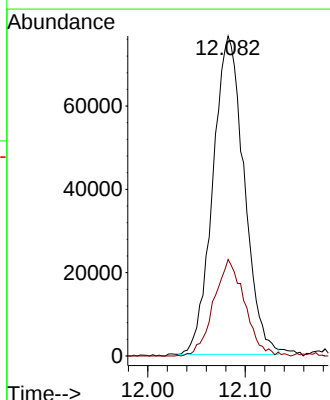
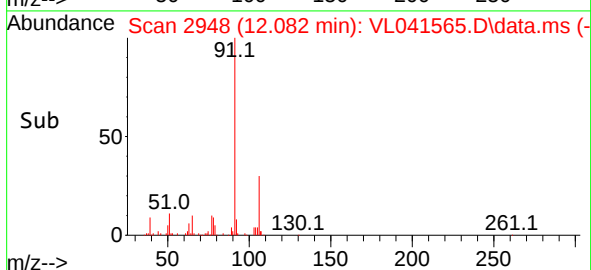
Reviewed By :Semsettin Yesilyurt 08/23/2024
Supervised By :Mahesh Dadoda 08/23/2024

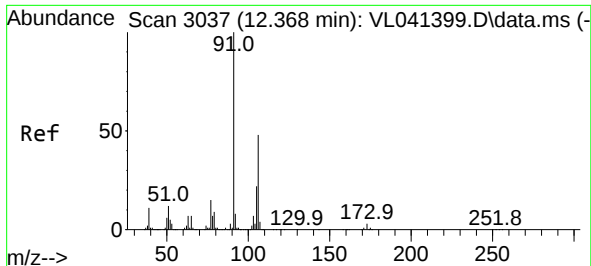


#58
Ethyl Benzene
Concen: 0.605 ppbv
RT: 12.082 min Scan# 2948
Delta R.T. -0.006 min
Lab File: VL041565.D
Acq: 21 Aug 2024 13:09



Tgt Ion: 91 Resp: 170291
Ion Ratio Lower Upper
91 100
106 30.1 25.8 38.8





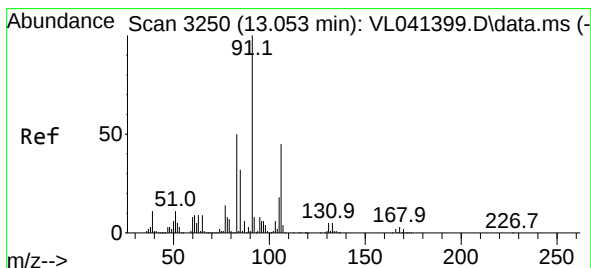
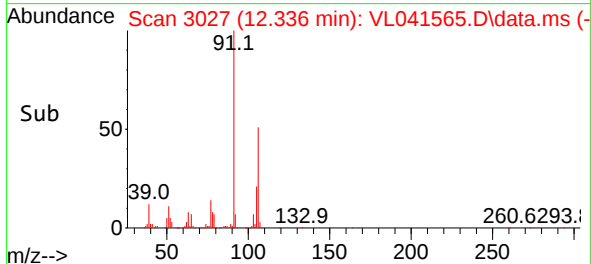
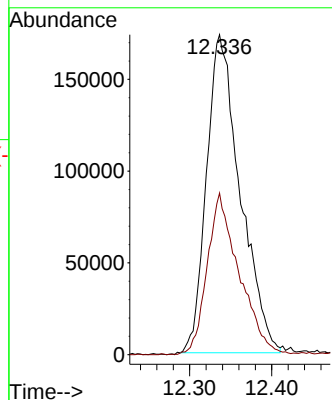
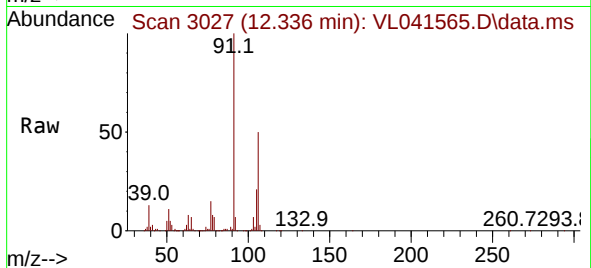
#59
m/p-Xylene
Concen: 2.032 ppbv
RT: 12.336 min Scan# 3037
Delta R.T. -0.035 min
Lab File: VL041565.D
Acq: 21 Aug 2024 13:09

Instrument :
MSVOA_L
ClientSampleId :
IA1DUP

Tgt Ion: 91 Resp: 493909
Ion Ratio Lower Upper
91 100
106 48.8 36.3 54.5

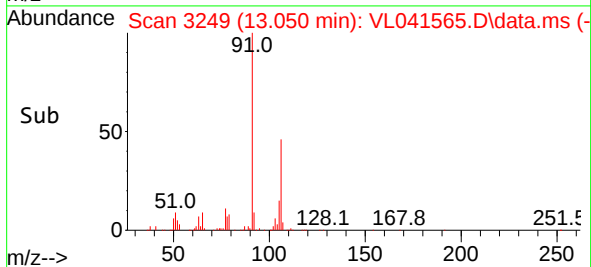
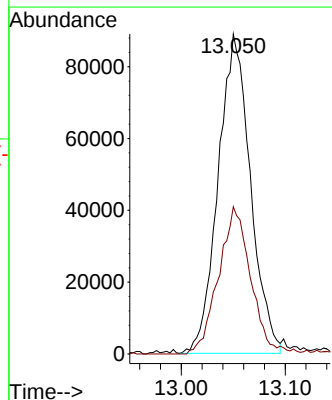
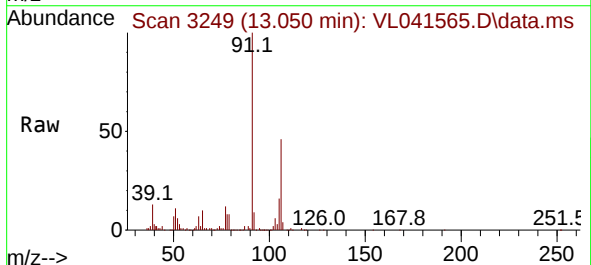
Manual Integrations
APPROVED

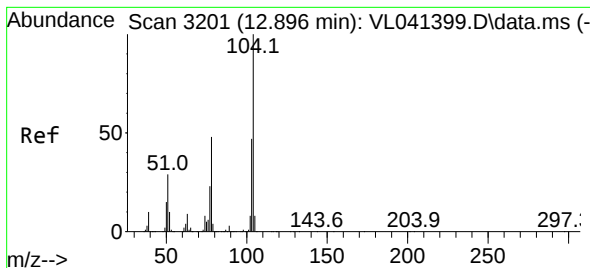
Reviewed By :Semsettin Yesilyurt 08/23/2024
Supervised By :Mahesh Dadoda 08/23/2024



#60
o-Xylene
Concen: 0.834 ppbv
RT: 13.050 min Scan# 3249
Delta R.T. -0.006 min
Lab File: VL041565.D
Acq: 21 Aug 2024 13:09

Tgt Ion: 91 Resp: 191753
Ion Ratio Lower Upper
91 100
106 45.9 23.1 69.3





#61

Styrene

Concen: 0.523 ppbv m

RT: 12.896 min Scan# 3201

Delta R.T. 0.000 min

Lab File: VL041565.D

Acq: 21 Aug 2024 13:09

Instrument :

MSVOA_L

ClientSampleId :

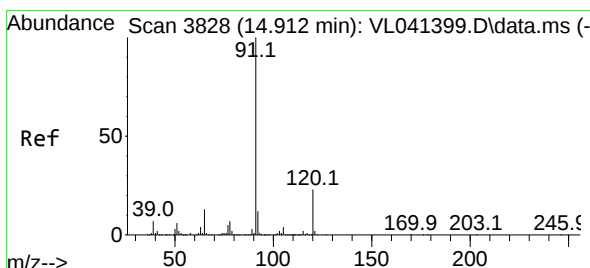
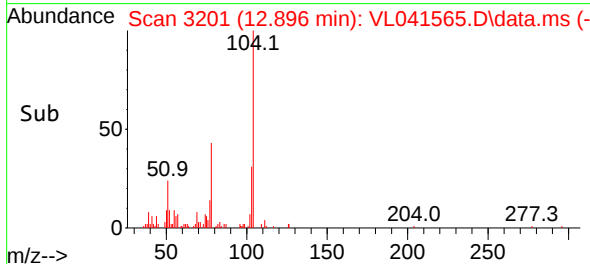
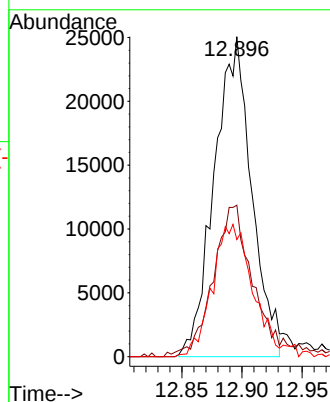
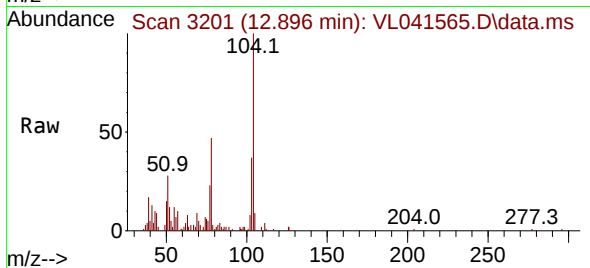
IA1DUP

Tgt Ion:104 Resp: 5422
 Ion Ratio Lower Upper
 104 100
 78 52.1 40.8 61.2
 103 45.8 38.2 57.4

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 08/23/2024
 Supervised By :Mahesh Dadoda 08/23/2024



#64

n-propylbenzene

Concen: 0.167 ppbv m

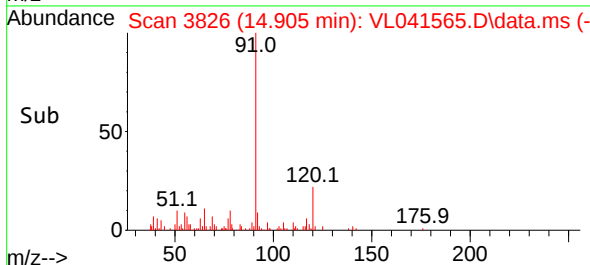
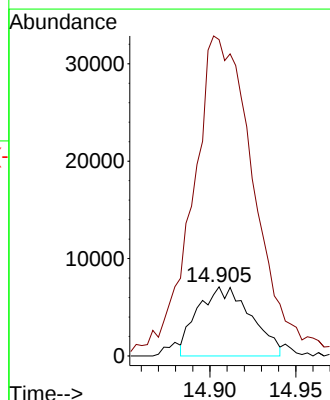
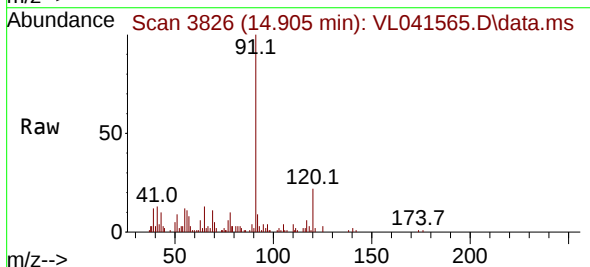
RT: 14.905 min Scan# 3826

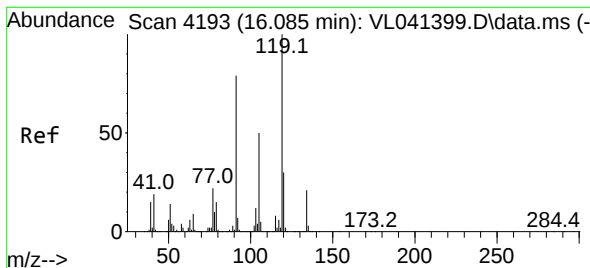
Delta R.T. -0.010 min

Lab File: VL041565.D

Acq: 21 Aug 2024 13:09

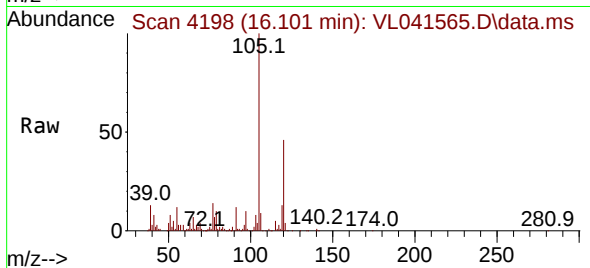
Tgt Ion:120 Resp: 15282
 Ion Ratio Lower Upper
 120 100
 91 0.0 361.4 542.0#





#65
tert-Butylbenzene
Concen: 0.107 ppbv
RT: 16.101 min Scan# 4198
Delta R.T. 0.013 min
Lab File: VL041565.D
Acq: 21 Aug 2024 13:09

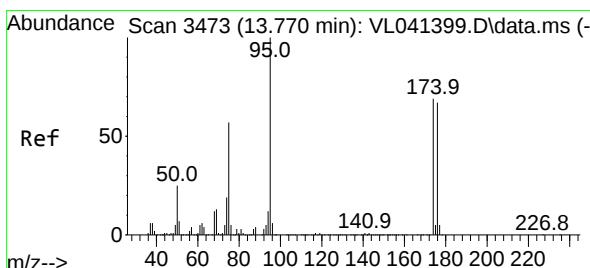
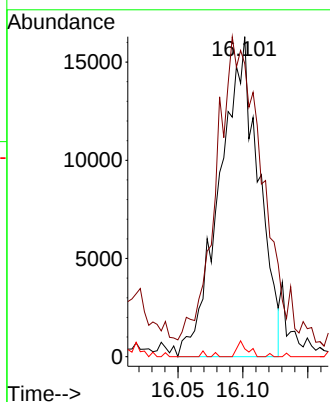
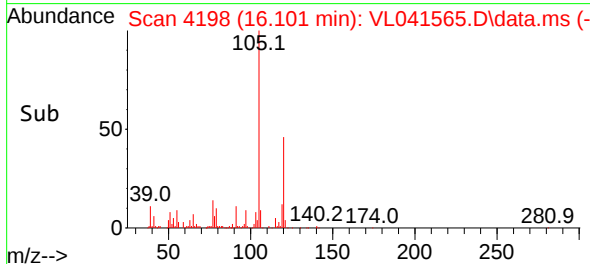
Instrument :
MSVOA_L
ClientSampleId :
IA1DUP



Tgt Ion:119 Resp: 33880
Ion Ratio Lower Upper
119 100
91 127.4 64.2 96.2
134 1.5 15.7 23.5

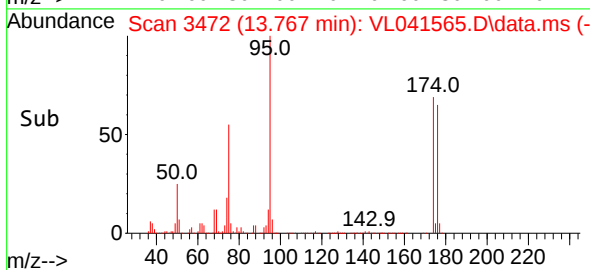
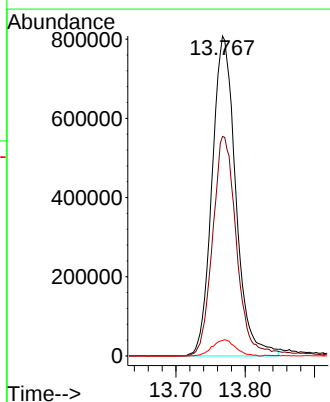
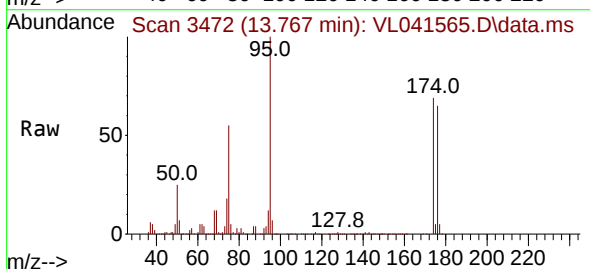
Manual Integrations
APPROVED

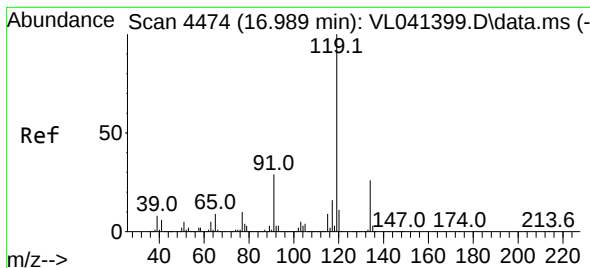
Reviewed By :Semsettin Yesilyurt 08/23/2024
Supervised By :Mahesh Dadoda 08/23/2024



#68
1-Bromo-4-Fluorobenzene
Concen: 10.207 ppbv
RT: 13.767 min Scan# 3472
Delta R.T. -0.006 min
Lab File: VL041565.D
Acq: 21 Aug 2024 13:09

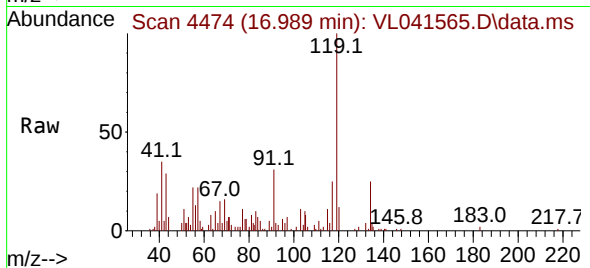
Tgt Ion: 95 Resp: 1918941
Ion Ratio Lower Upper
95 100
174 70.5 56.3 84.5
175 5.0 4.0 6.0





#69
p-Isopropyltoluene
Concen: 0.120 ppbv
RT: 16.989 min Scan# 4474
Delta R.T. -0.003 min
Lab File: VL041565.D
Acq: 21 Aug 2024 13:09

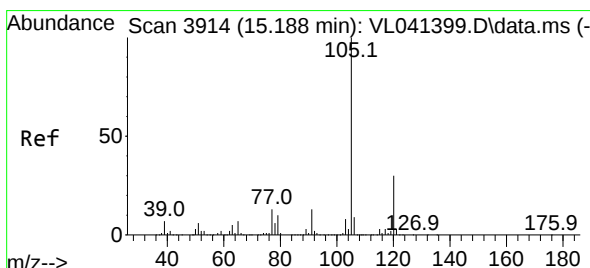
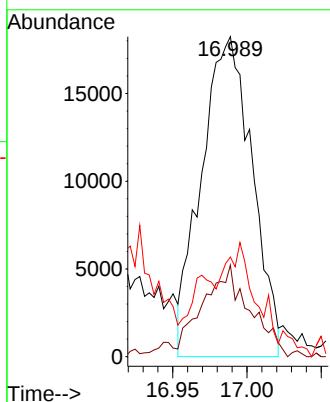
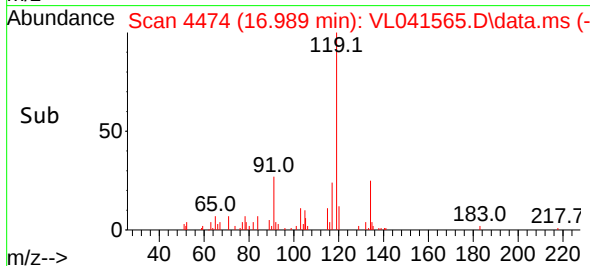
Instrument :
MSVOA_L
ClientSampleId :
IA1DUP



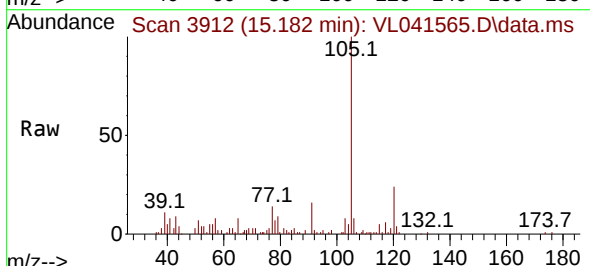
Tgt Ion:119 Resp: 4341
Ion Ratio Lower Upper
119 100
134 26.3 20.5 30.7
91 33.6 23.2 34.8

Manual Integrations
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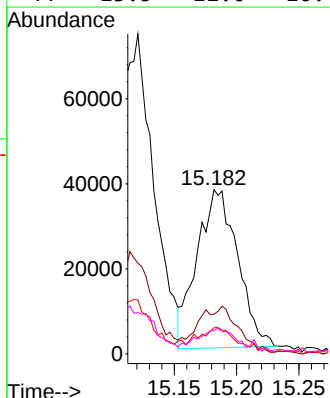
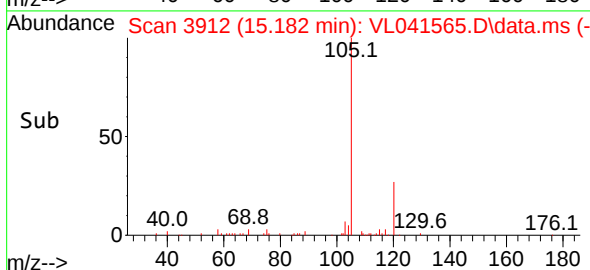
Reviewed By :Semsettin Yesilyurt 08/23/2024
Supervised By :Mahesh Dadoda 08/23/2024

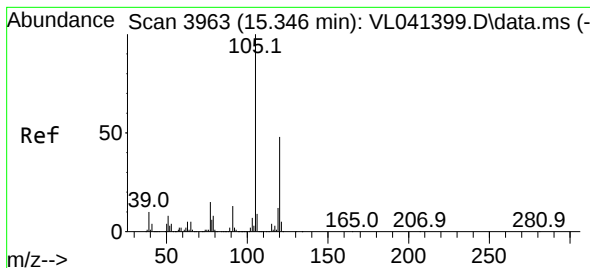


#72
4-Ethyltoluene
Concen: 0.312 ppbv
RT: 15.182 min Scan# 3912
Delta R.T. -0.006 min
Lab File: VL041565.D
Acq: 21 Aug 2024 13:09



Tgt Ion:105 Resp: 84413
Ion Ratio Lower Upper
105 100
120 31.1 24.2 36.2
91 20.0 10.4 15.6#
77 13.5 11.0 16.4





#73

1,3,5-Trimethylbenzene

Concen: 0.314 ppbv

RT: 15.346 min Scan# 3963

Delta R.T. -0.003 min

Lab File: VL041565.D

Acq: 21 Aug 2024 13:09

Instrument :

MSVOA_L

ClientSampleId :

IA1DUP

Tgt Ion:105 Resp: 73174

Ion Ratio Lower Upper

105 100

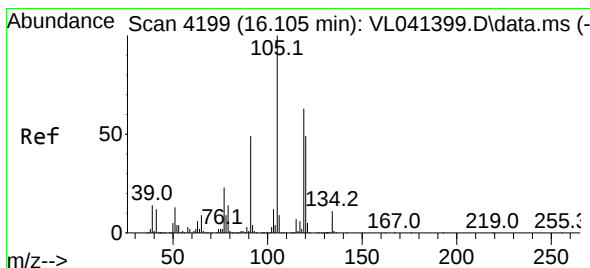
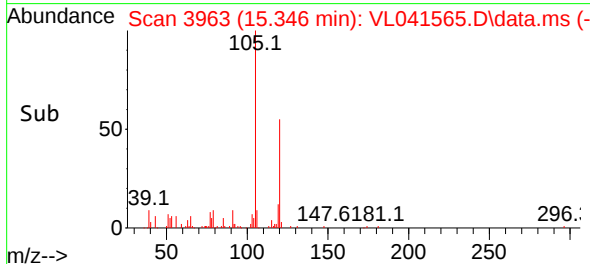
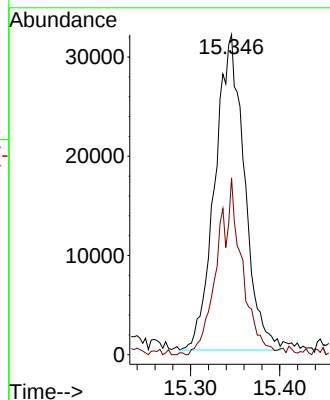
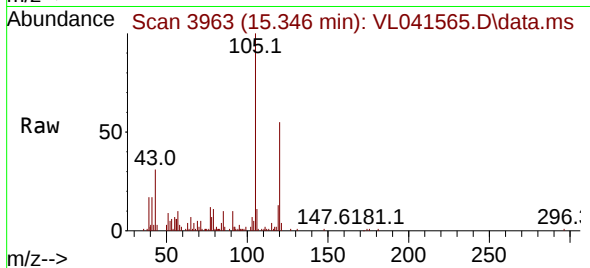
120 55.5 38.6 57.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/23/2024

Supervised By :Mahesh Dadoda 08/23/2024



#74

1,2,4-Trimethylbenzene

Concen: 1.093 ppbv

RT: 16.098 min Scan# 4197

Delta R.T. -0.010 min

Lab File: VL041565.D

Acq: 21 Aug 2024 13:09

Tgt Ion:105 Resp: 296379

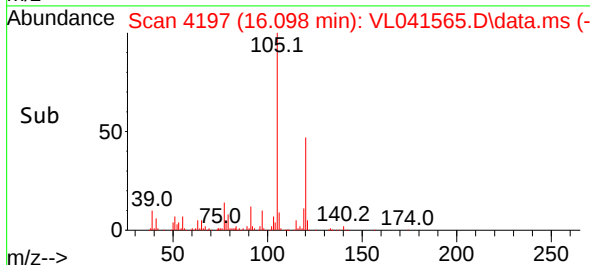
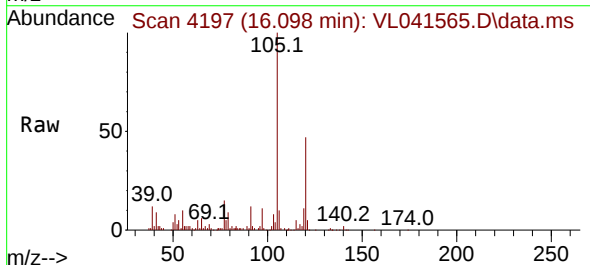
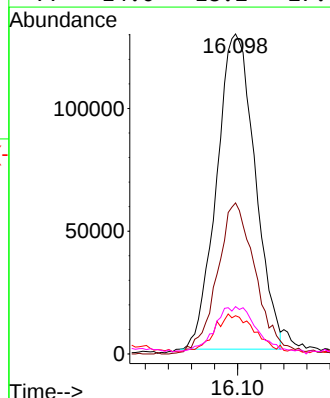
Ion Ratio Lower Upper

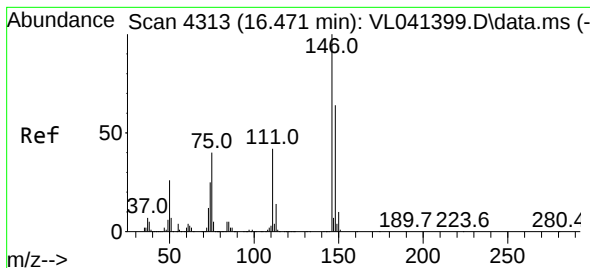
105 100

120 47.4 39.5 59.3

91 11.5 39.8 59.8#

77 14.0 18.2 27.4#





#76

1,4-Dichlorobenzene

Concen: 0.750 ppbv

RT: 16.468 min Scan# 4313

Delta R.T. -0.003 min

Lab File: VL041565.D

Acq: 21 Aug 2024 13:09

Instrument :

MSVOA_L

ClientSampleId :

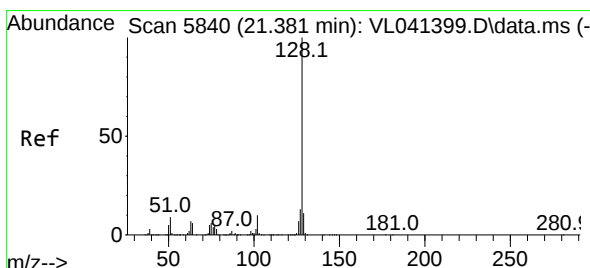
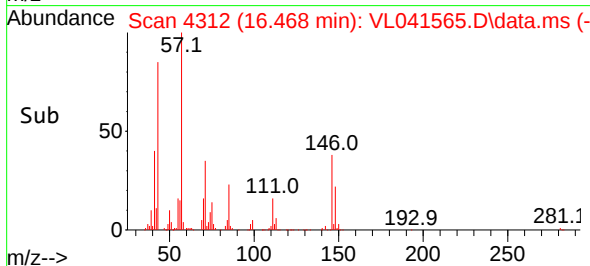
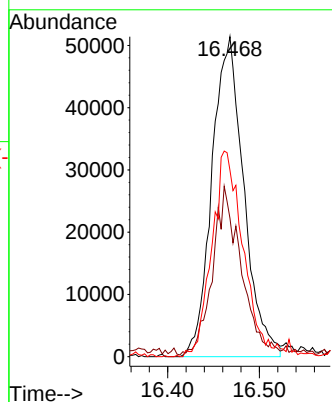
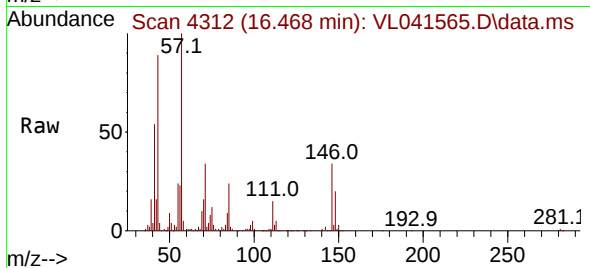
IA1DUP

Tgt Ion:146	Resp:	12375
Ion Ratio	Lower	Upper
146	100	
111	48.1	22.4 67.0
148	65.1	33.1 99.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/23/2024
Supervised By :Mahesh Dadoda 08/23/2024



#79

Naphthalene

Concen: 0.301 ppbv m

RT: 21.381 min Scan# 5840

Delta R.T. -0.003 min

Lab File: VL041565.D

Acq: 21 Aug 2024 13:09

Tgt Ion:128	Resp:	71924
Ion Ratio	Lower	Upper
128	100	
127	14.3	10.3 15.5
129	12.0	9.0 13.4

