

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL042825\
 Data File : VL042420.D
 Acq On : 28 Apr 2025 11:33
 Operator : SY/MD
 Sample : Q1665-07
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-DUP-1-3242025

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 04/29/2025
 Supervised By :Mahesh Dadoda 04/30/2025

Quant Time: Apr 29 01:34:21 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041725AIR.M

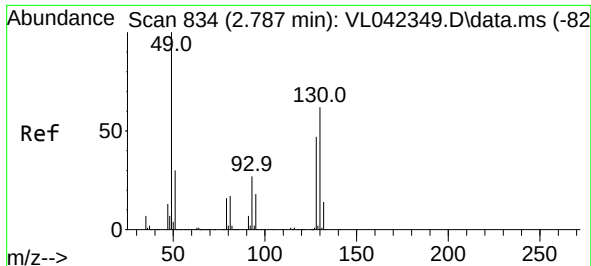
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Fri Apr 18 02:14:00 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	2.777	49	141186	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.949	114	402115	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.868	117	352885	10.000	ppbv	-0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.367	95	302328	10.426	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.300%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.495	85	10705	0.429	ppbv	100
3) Chlorodifluoromethane	1.470	51	5425m	0.228	ppbv	
4) Chloromethane	1.528	50	5568	0.564	ppbv	99
9) Propene	1.482	41	18668m	1.726	ppbv	
10) Heptane	4.965	43	14258m	0.469	ppbv	
11) Trichlorofluoromethane	1.871	101	4925	0.208	ppbv	88
13) Ethanol	1.719	45	472110	274.580	ppbv	77
15) Acetone	1.832	43	398840m	17.256	ppbv	
17) tert-Butyl alcohol	2.039	59	85888	2.999	ppbv	100
19) Isopropyl Alcohol	1.881	45	428440	33.369	ppbv #	66
20) Methylene Chloride	2.055	84	8914	0.985	ppbv	95
26) Hexane	2.816	57	53184	2.306	ppbv #	41
30) Cyclohexane	3.842	84	4557	0.244	ppbv #	88
34) 2-Butanone	2.554	43	26974	0.848	ppbv	98
35) Carbon Tetrachloride	3.761	117	2508m	0.069	ppbv	
36) Benzene	3.641	78	21444m	0.494	ppbv	
37) 1,2-Dichloroethane	3.208	62	12506	0.480	ppbv	98
41) Tetrahydrofuran	3.059	42	3145m	0.170	ppbv	
44) 2,2,4-Trimethylpentane	4.625	57	47245	0.631	ppbv #	85
50) 4-Methyl-2-Pentanone	5.748	43	18997	0.359	ppbv	100
52) Tetrachloroethene	8.215	164	871m	0.052	ppbv	
53) Toluene	6.920	91	226903	4.360	ppbv	99
58) Ethyl Benzene	9.344	91	36433	0.521	ppbv	97
59) m/p-Xylene	9.522	91	71388m	1.267	ppbv	
60) o-Xylene	9.956	91	28805	0.508	ppbv	99
61) Styrene	9.859	104	11652	0.430	ppbv	93
64) n-propylbenzene	10.979	120	2601	0.124	ppbv	72
72) 4-Ethyltoluene	11.118	105	9487	0.137	ppbv #	64
73) 1,3,5-Trimethylbenzene	11.196	105	9349	0.153	ppbv #	77
74) 1,2,4-Trimethylbenzene	11.529	105	32107	0.449	ppbv #	65

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



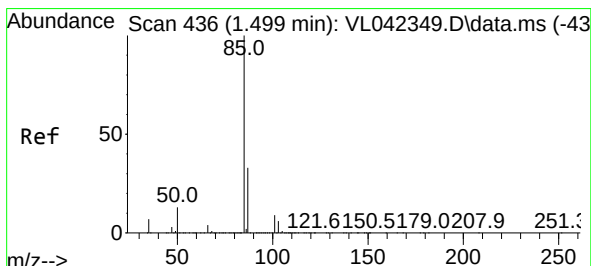
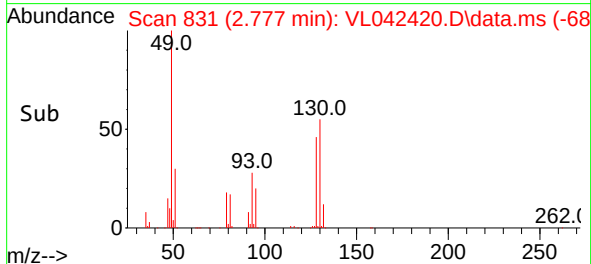
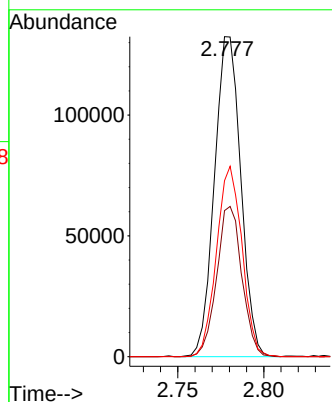
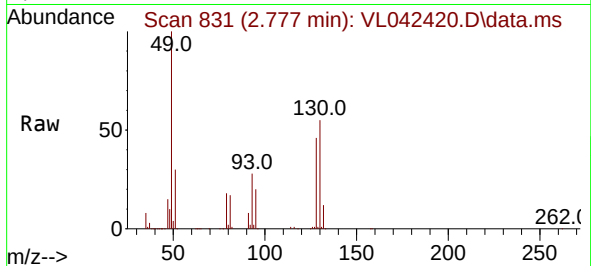
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.777 min Scan# 811
Delta R.T. -0.010 min
Lab File: VL042420.D
Acq: 28 Apr 2025 11:33

Instrument :
MSVOA_L
ClientSampleId :
IA-DUP-1-3242025

Tgt Ion: 49 Resp: 141180
Ion Ratio Lower Upper
49 100
128 44.9 22.8 68.4
130 57.5 29.3 88.0

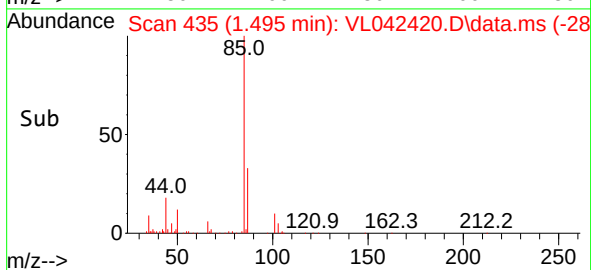
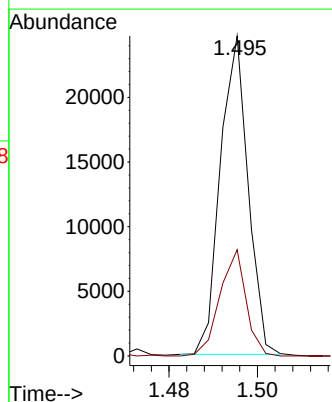
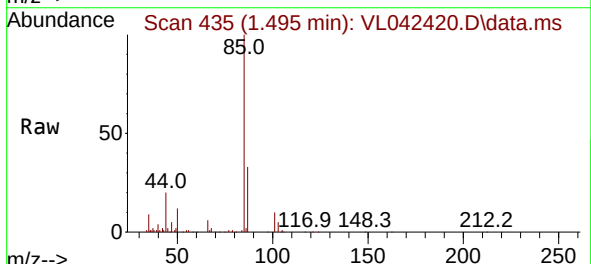
Manual Integrations
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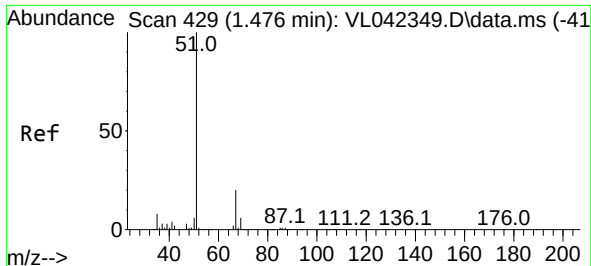
Reviewed By :Semsettin Yesilyurt 04/29/2025
Supervised By :Mahesh Dadoda 04/30/2025



#2
Dichlorodifluoromethane
Concen: 0.429 ppbv
RT: 1.495 min Scan# 435
Delta R.T. -0.003 min
Lab File: VL042420.D
Acq: 28 Apr 2025 11:33

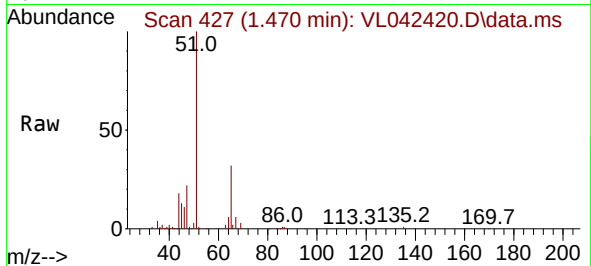
Tgt Ion: 85 Resp: 10705
Ion Ratio Lower Upper
85 100
87 33.4 26.6 39.8





#3
Chlorodifluoromethane
Concen: 0.228 ppbv m
RT: 1.470 min Scan# 41
Delta R.T. -0.007 min
Lab File: VL042420.D
Acq: 28 Apr 2025 11:33

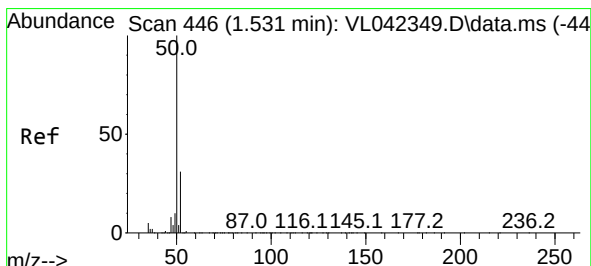
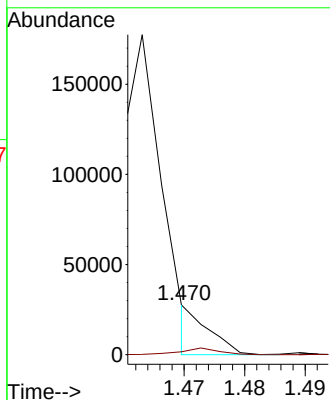
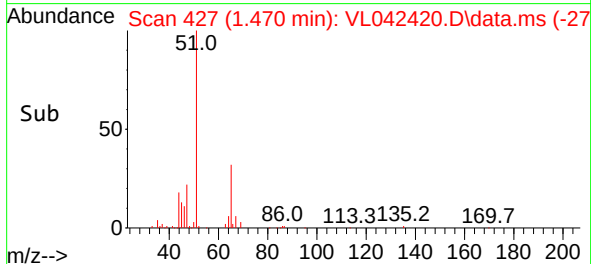
Instrument :
MSVOA_L
ClientSampleId :
IA-DUP-1-3242025



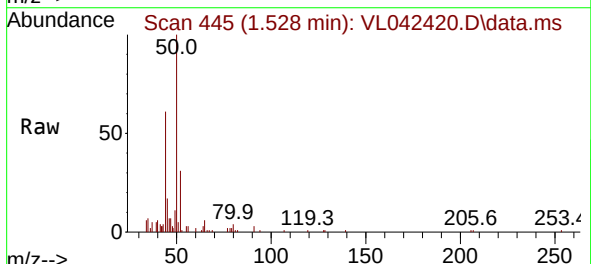
Tgt Ion: 51 Resp: 542
Ion Ratio Lower Upper
51 100
67 33.1 16.2 24.4

Manual Integrations
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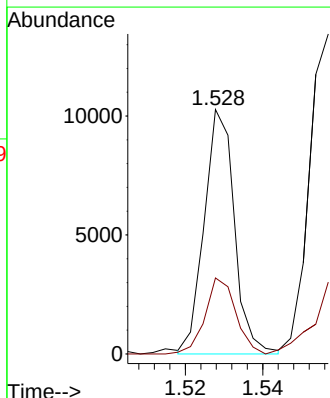
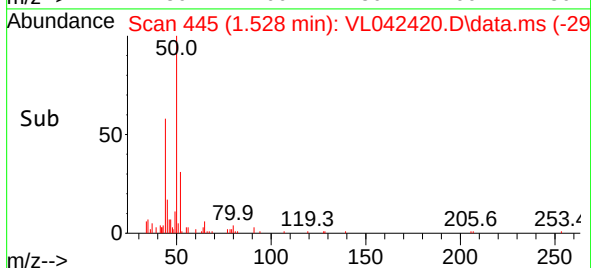
Reviewed By :Semsettin Yesilyurt 04/29/2025
Supervised By :Mahesh Dadoda 04/30/2025

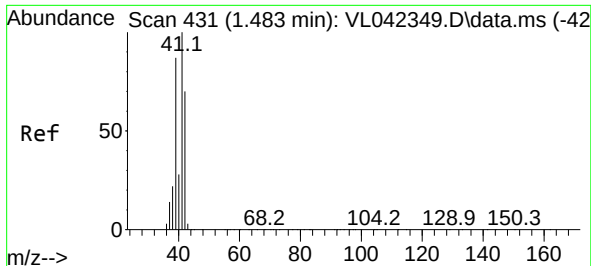


#4
Chloromethane
Concen: 0.564 ppbv
RT: 1.528 min Scan# 445
Delta R.T. -0.003 min
Lab File: VL042420.D
Acq: 28 Apr 2025 11:33



Tgt Ion: 50 Resp: 5568
Ion Ratio Lower Upper
50 100
52 30.2 24.7 37.1





#9

Propene

Concen: 1.726 ppbv m

RT: 1.482 min Scan# 41

Delta R.T. -0.000 min

Lab File: VL042420.D

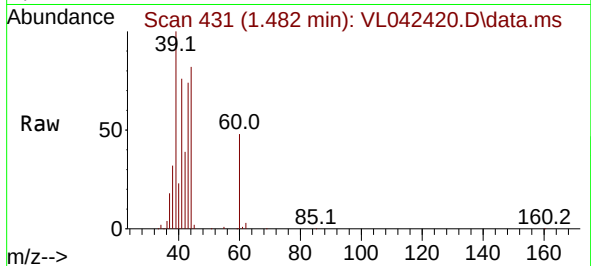
Acq: 28 Apr 2025 11:33

Instrument :

MSVOA_L

ClientSampleId :

IA-DUP-1-3242025



Tgt Ion: 41 Resp: 1866

Ion Ratio Lower Upper

41 100

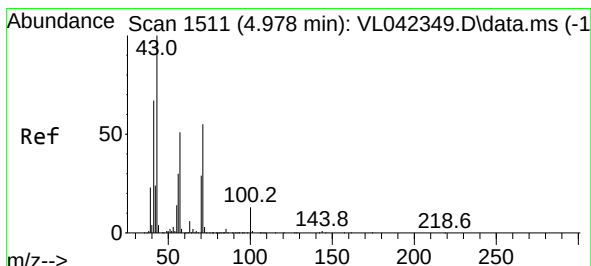
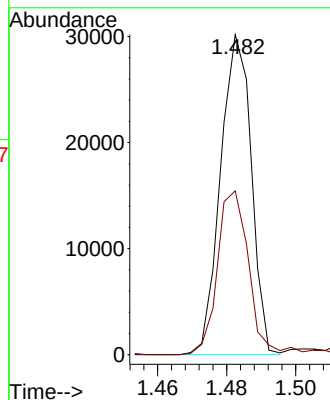
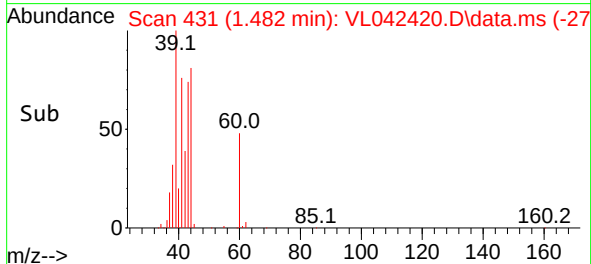
42 1003.3 56.2 84.4

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 04/29/2025

Supervised By :Mahesh Dadoda 04/30/2025



#10

Heptane

Concen: 0.469 ppbv m

RT: 4.965 min Scan# 1507

Delta R.T. -0.013 min

Lab File: VL042420.D

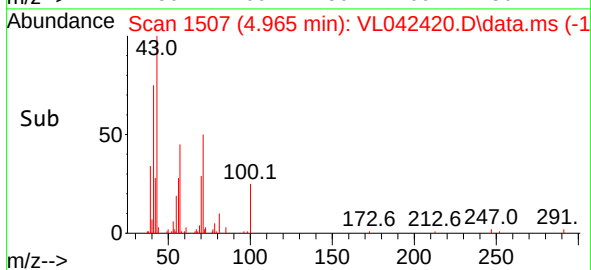
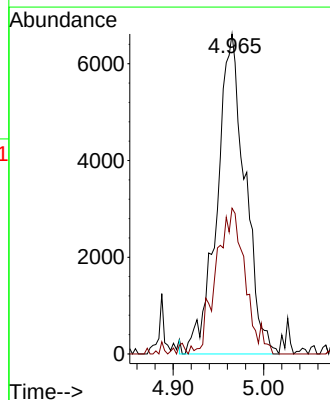
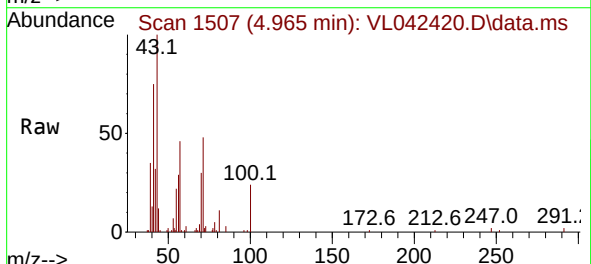
Acq: 28 Apr 2025 11:33

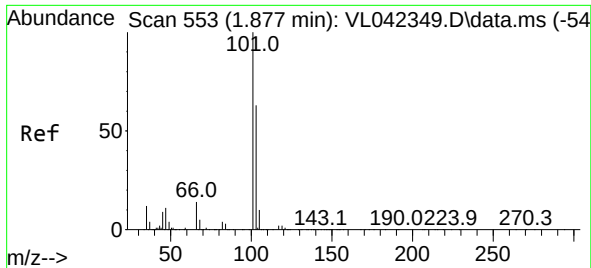
Tgt Ion: 43 Resp: 14258

Ion Ratio Lower Upper

43 100

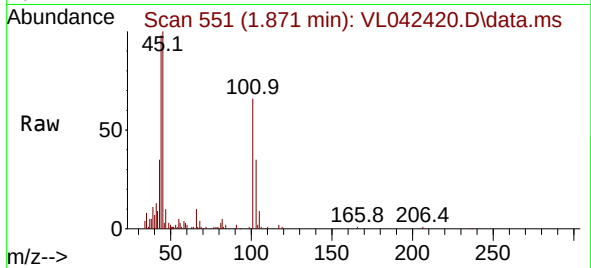
57 48.8 39.9 59.9





#11
Trichlorofluoromethane
Concen: 0.208 ppbv
RT: 1.871 min Scan# 504
Delta R.T. -0.007 min
Lab File: VL042420.D
Acq: 28 Apr 2025 11:33

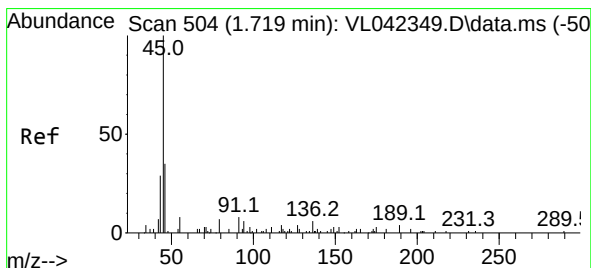
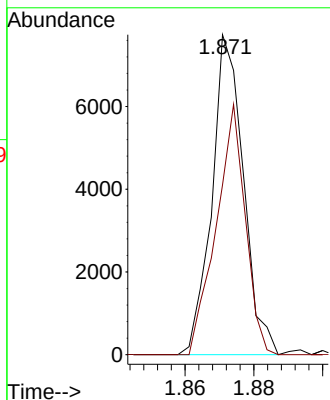
Instrument :
MSVOA_L
ClientSampleId :
IA-DUP-1-3242025



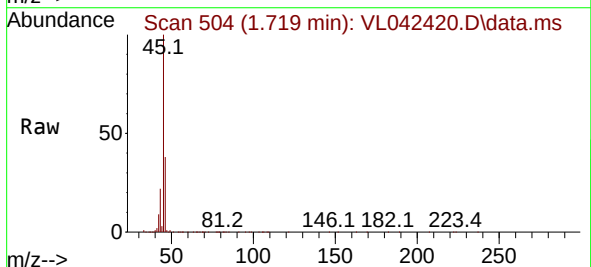
Tgt Ion:101 Resp: 4925
Ion Ratio Lower Upper
101 100
103 53.0 50.1 75.1

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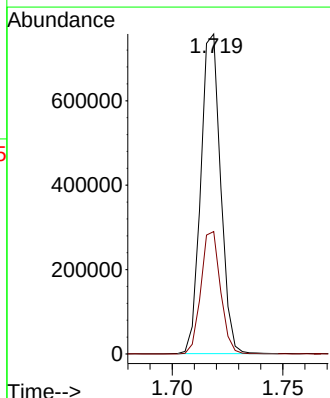
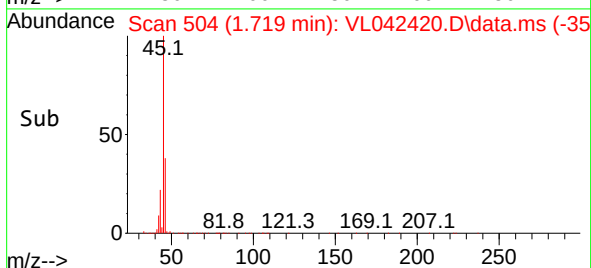
Reviewed By :Semsettin Yesilyurt 04/29/2025
Supervised By :Mahesh Dadoda 04/30/2025

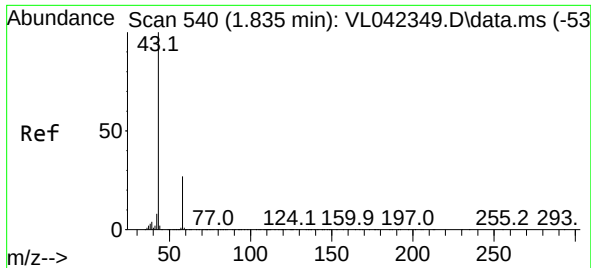


#13
Ethanol
Concen: 274.580 ppbv
RT: 1.719 min Scan# 504
Delta R.T. -0.000 min
Lab File: VL042420.D
Acq: 28 Apr 2025 11:33



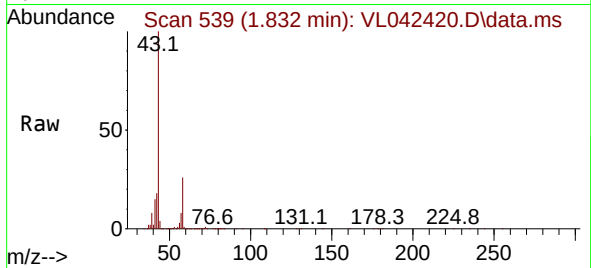
Tgt Ion: 45 Resp: 472110
Ion Ratio Lower Upper
45 100
46 38.1 21.9 87.7





#15
Acetone
Concen: 17.256 ppbv m
RT: 1.832 min Scan# 51
Delta R.T. -0.003 min
Lab File: VL042420.D
Acq: 28 Apr 2025 11:33

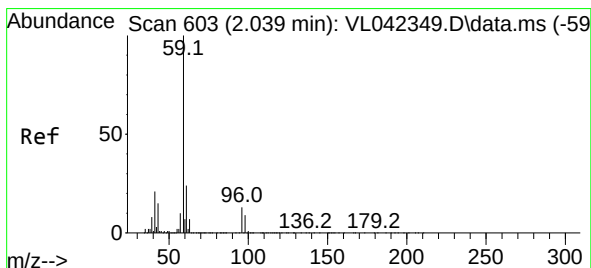
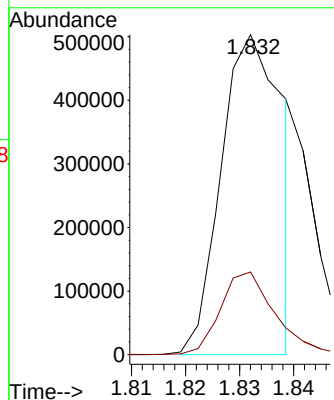
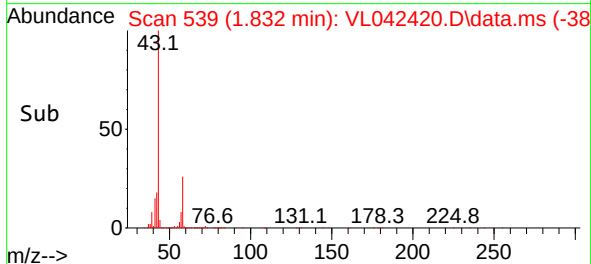
Instrument :
MSVOA_L
ClientSampleId :
IA-DUP-1-3242025



Tgt Ion: 43 Resp: 398840
Ion Ratio Lower Upper
43 100
58 23.0 22.4 33.6

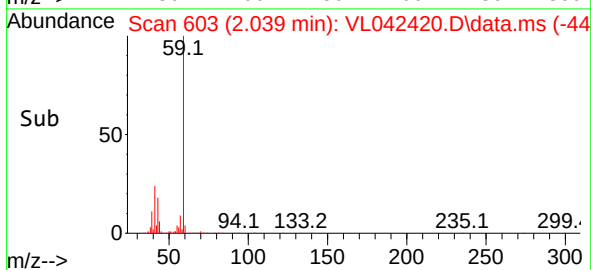
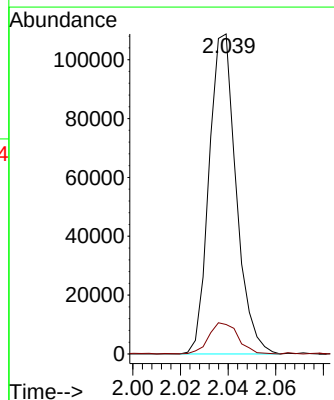
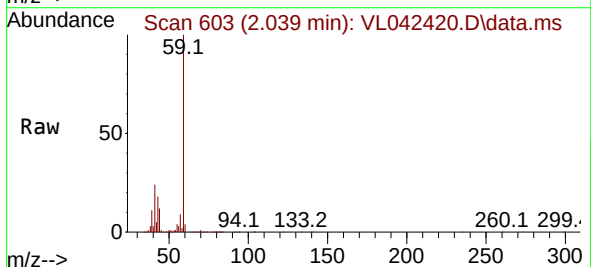
Manual Integrations
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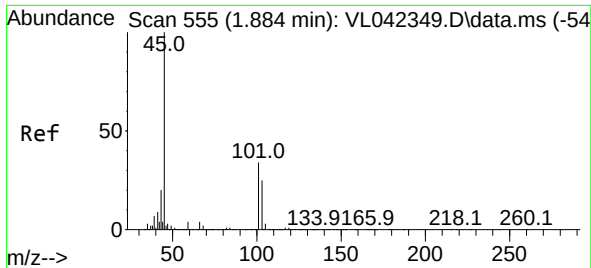
Reviewed By :Semsettin Yesilyurt 04/29/2025
Supervised By :Mahesh Dadoda 04/30/2025



#17
tert-Butyl alcohol
Concen: 2.999 ppbv
RT: 2.039 min Scan# 603
Delta R.T. -0.000 min
Lab File: VL042420.D
Acq: 28 Apr 2025 11:33

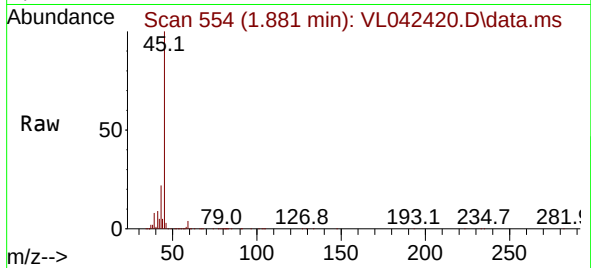
Tgt Ion: 59 Resp: 85888
Ion Ratio Lower Upper
59 100
57 10.9 8.7 13.1





#19
Isopropyl Alcohol
Concen: 33.369 ppbv
RT: 1.881 min Scan# 511
Delta R.T. -0.003 min
Lab File: VL042420.D
Acq: 28 Apr 2025 11:33

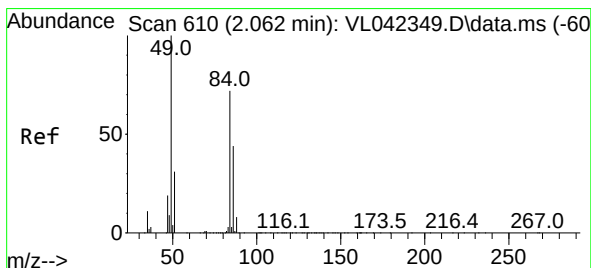
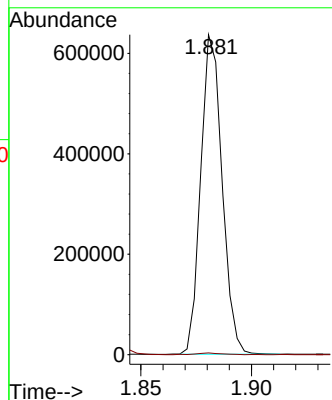
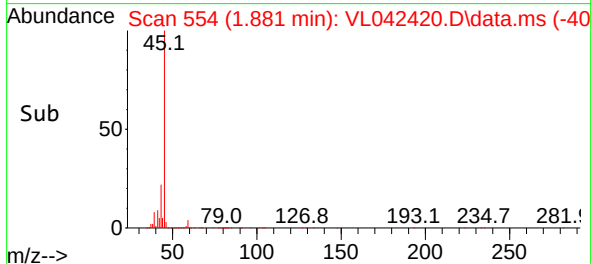
Instrument : MSVOA_1
ClientSampleId : IA-DUP-1-3242025



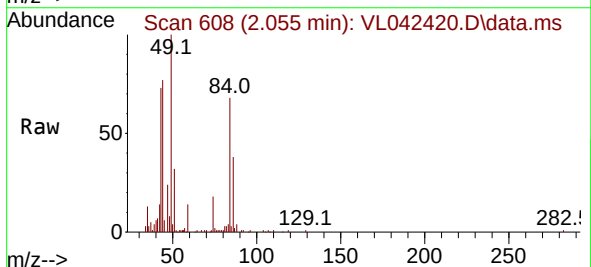
Tgt Ion: 45 Resp: 428440
Ion Ratio Lower Upper
45 100
58 21.4 34.5 51.7

Manual Integrations
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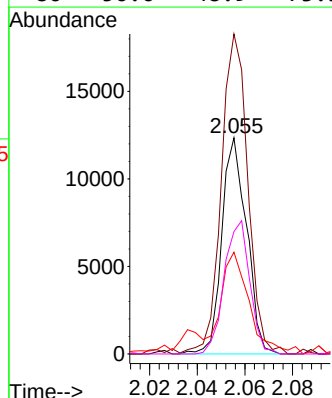
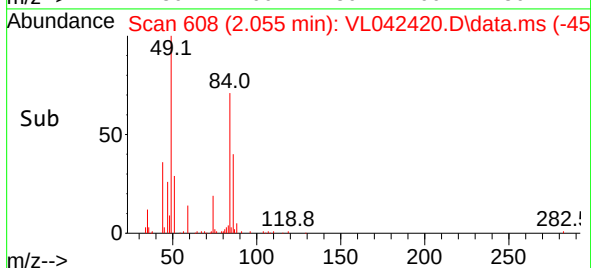
Reviewed By :Semsettin Yesilyurt 04/29/2025
Supervised By :Mahesh Dadoda 04/30/2025

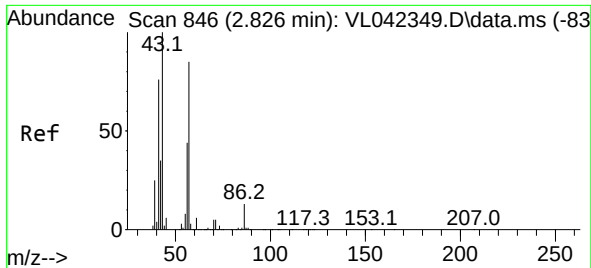


#20
Methylene Chloride
Concen: 0.985 ppbv
RT: 2.055 min Scan# 608
Delta R.T. -0.007 min
Lab File: VL042420.D
Acq: 28 Apr 2025 11:33



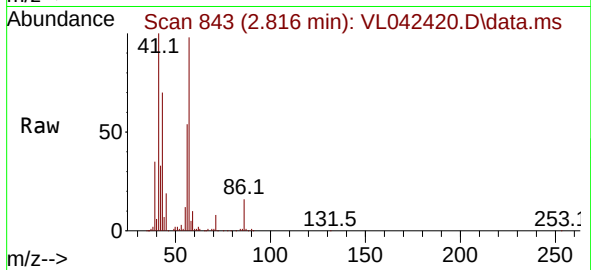
Tgt Ion: 84 Resp: 8914
Ion Ratio Lower Upper
84 100
49 147.6 111.6 167.4
51 44.3 35.1 52.7
86 56.6 48.9 73.3





#26
Hexane
Concen: 2.306 ppbv
RT: 2.816 min Scan# 84
Delta R.T. -0.010 min
Lab File: VL042420.D
Acq: 28 Apr 2025 11:33

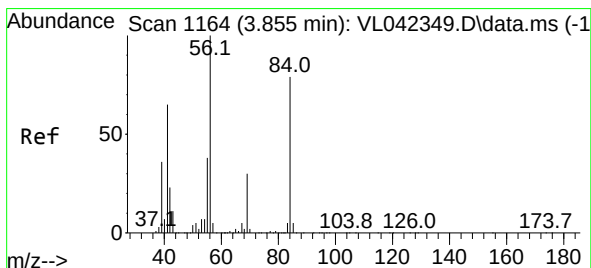
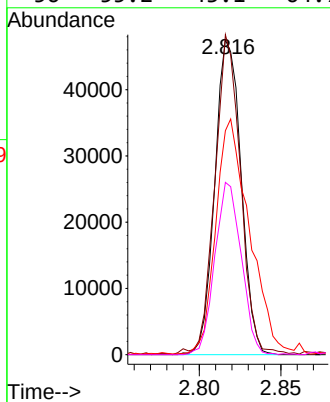
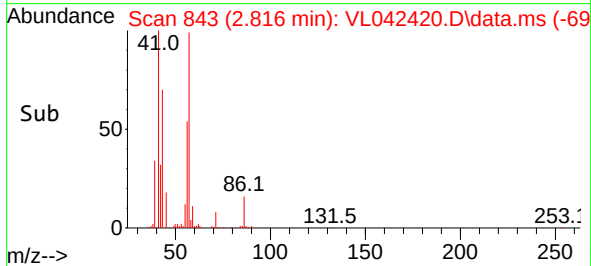
Instrument :
MSVOA_L
ClientSampleId :
IA-DUP-1-3242025



Tgt Ion: 57 Resp: 53184
Ion Ratio Lower Upper
57 100
41 100.2 77.9 116.9
43 97.0 208.4 312.6
56 55.2 43.1 64.7

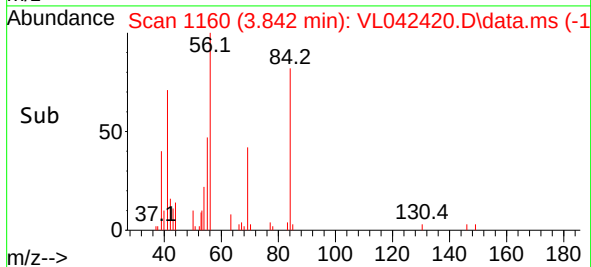
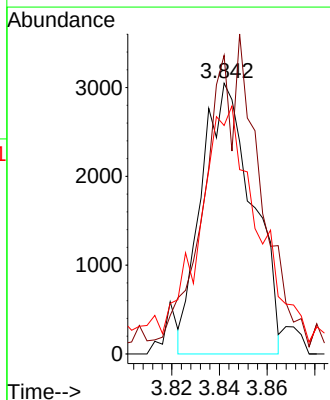
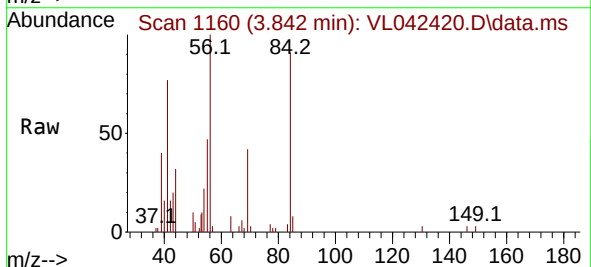
Manual Integrations
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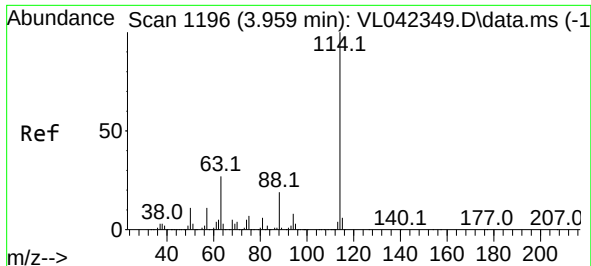
Reviewed By :Semsettin Yesilyurt 04/29/2025
Supervised By :Mahesh Dadoda 04/30/2025



#30
Cyclohexane
Concen: 0.244 ppbv
RT: 3.842 min Scan# 1160
Delta R.T. -0.013 min
Lab File: VL042420.D
Acq: 28 Apr 2025 11:33

Tgt Ion: 84 Resp: 4557
Ion Ratio Lower Upper
84 100
56 131.8 101.0 151.4
41 104.1 67.4 101.0#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.949 min Scan# 1193

Delta R.T. -0.010 min

Lab File: VL042420.D

Acq: 28 Apr 2025 11:33

Instrument :

MSVOA_L

ClientSampleId :

IA-DUP-1-3242025

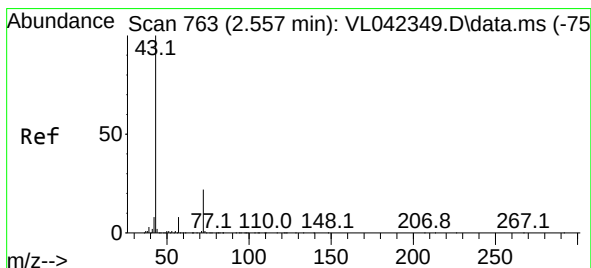
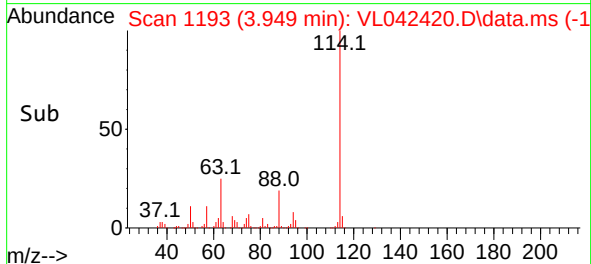
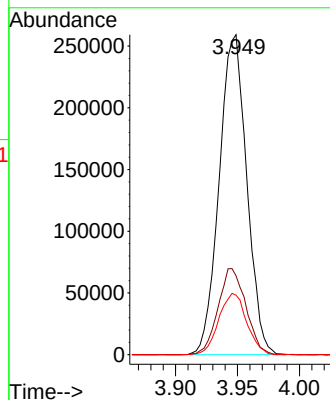
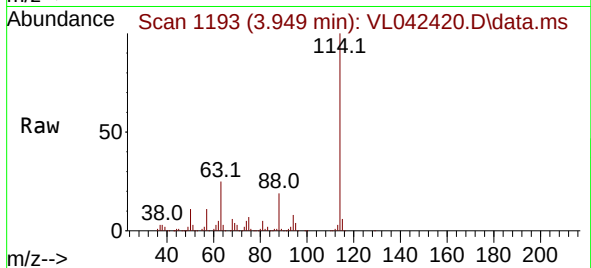
Tgt Ion:114 Resp: 40211

Ion	Ratio	Lower	Upper
114	100		
63	27.1	21.8	32.6
88	19.4	15.5	23.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/29/2025
Supervised By :Mahesh Dadoda 04/30/2025



#34

2-Butanone

Concen: 0.848 ppbv

RT: 2.554 min Scan# 762

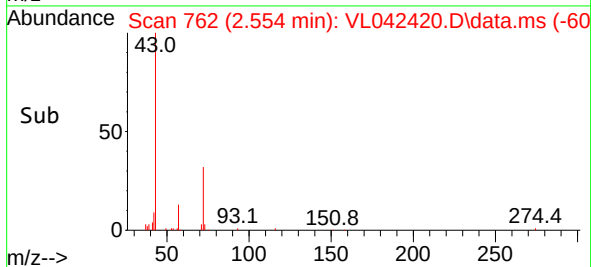
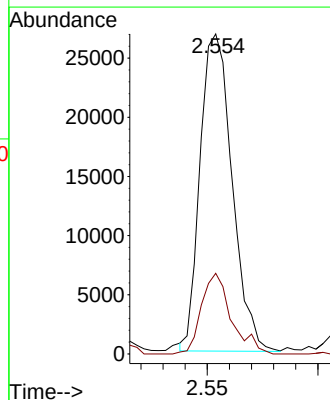
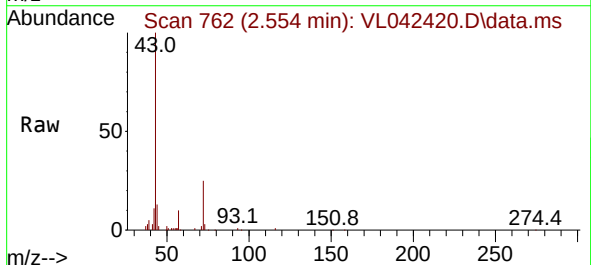
Delta R.T. -0.003 min

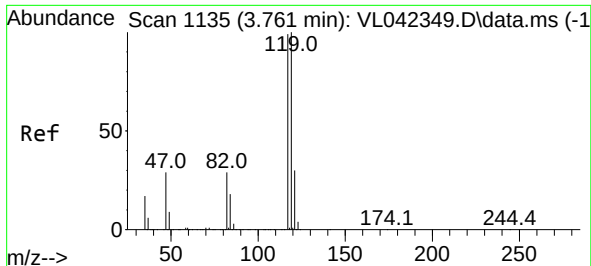
Lab File: VL042420.D

Acq: 28 Apr 2025 11:33

Tgt Ion: 43 Resp: 26974

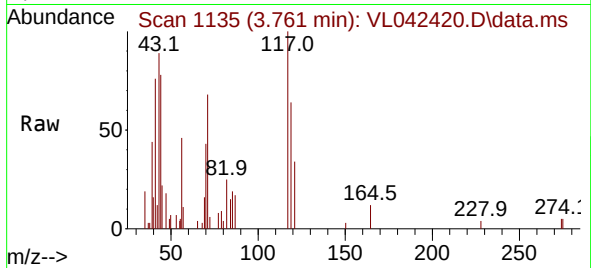
Ion	Ratio	Lower	Upper
43	100		
72	23.7	18.2	27.2





#35
Carbon Tetrachloride
Concen: 0.069 ppbv m
RT: 3.761 min Scan# 1135
Delta R.T. -0.000 min
Lab File: VL042420.D
Acq: 28 Apr 2025 11:33

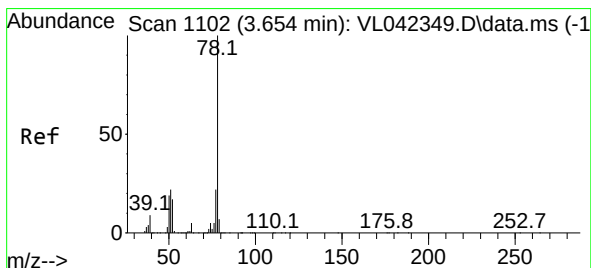
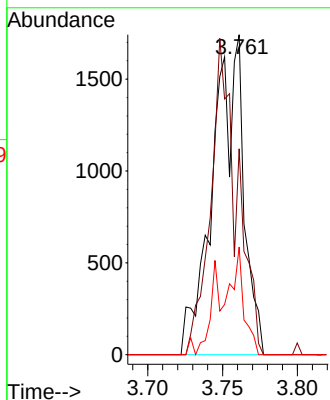
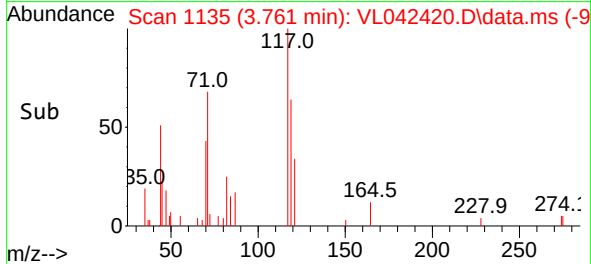
Instrument : MSVOA_L
ClientSampleId : IA-DUP-1-3242025



Tgt Ion: 117 Resp: 2500
Ion Ratio Lower Upper
117 100
119 64.4 80.5 120.7
121 33.6 24.2 36.2

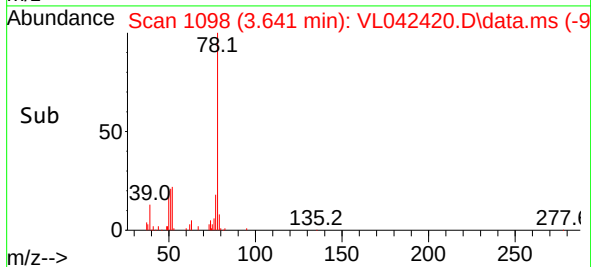
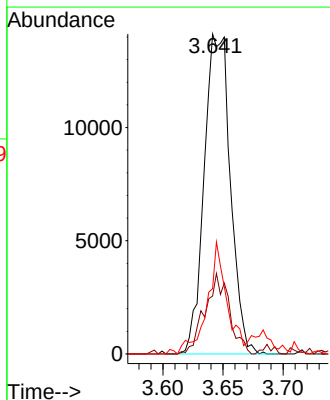
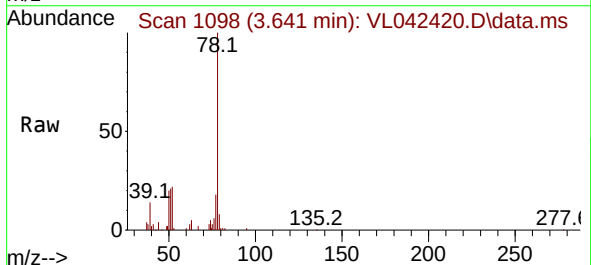
Manual Integrations
APPROVED

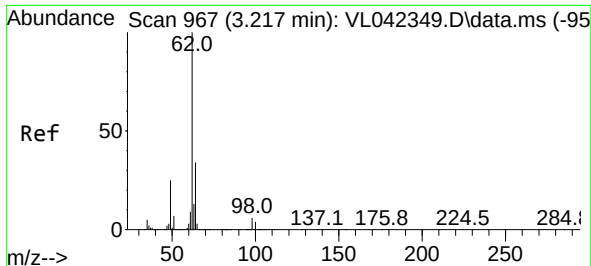
Reviewed By :Semsettin Yesilyurt 04/29/2025
Supervised By :Mahesh Dadoda 04/30/2025



#36
Benzene
Concen: 0.494 ppbv m
RT: 3.641 min Scan# 1098
Delta R.T. -0.013 min
Lab File: VL042420.D
Acq: 28 Apr 2025 11:33

Tgt Ion: 78 Resp: 21444
Ion Ratio Lower Upper
78 100
77 18.1 17.4 26.0
50 20.4 15.5 23.3





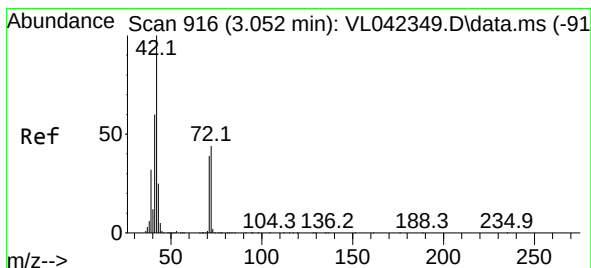
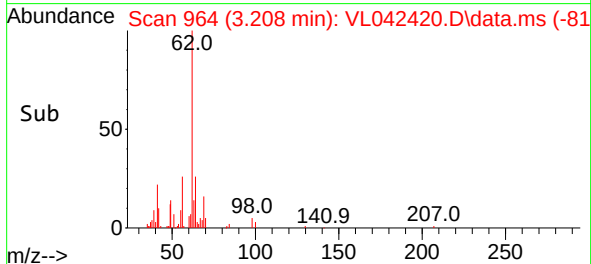
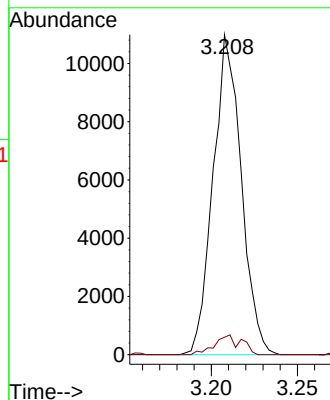
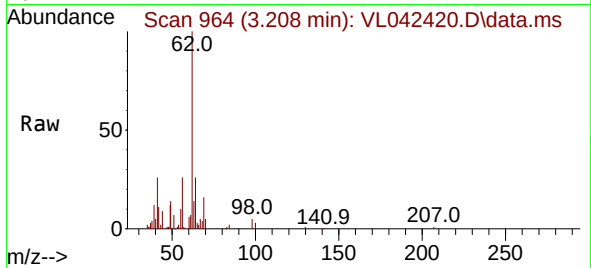
#37
1,2-Dichloroethane
Concen: 0.480 ppbv
RT: 3.208 min Scan# 918
Delta R.T. -0.010 min
Lab File: VL042420.D
Acq: 28 Apr 2025 11:33

Instrument :
MSVOA_L
ClientSampleId :
IA-DUP-1-3242025

Tgt Ion: 62 Resp: 12500
Ion Ratio Lower Upper
62 100
98 5.9 5.1 7.7

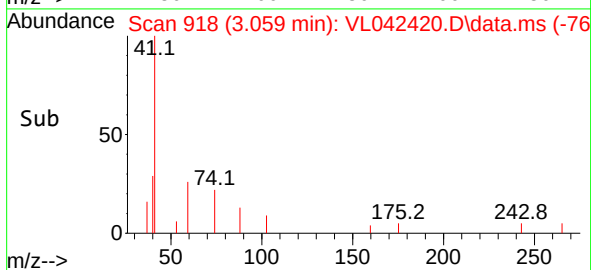
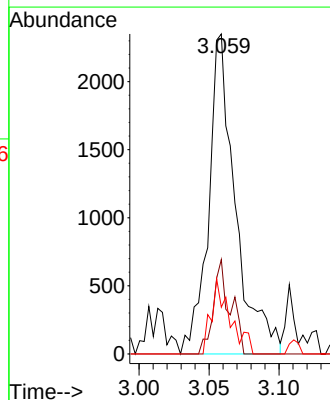
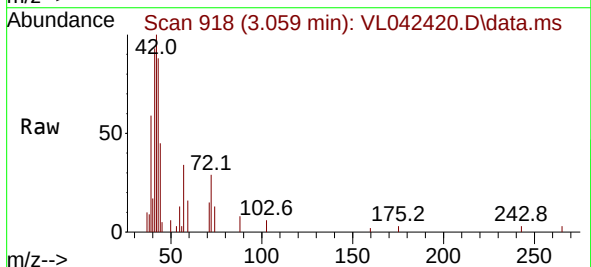
Manual Integrations
APPROVED

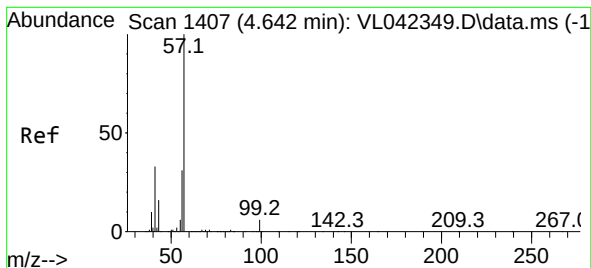
Reviewed By :Semsettin Yesilyurt 04/29/2025
Supervised By :Mahesh Dadoda 04/30/2025



#41
Tetrahydrofuran
Concen: 0.170 ppbv m
RT: 3.059 min Scan# 918
Delta R.T. 0.006 min
Lab File: VL042420.D
Acq: 28 Apr 2025 11:33

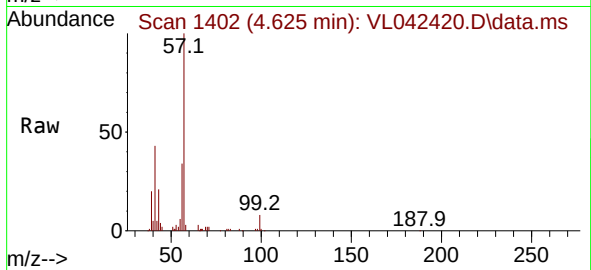
Tgt Ion: 42 Resp: 3145
Ion Ratio Lower Upper
42 100
72 18.5 32.3 48.5#
71 16.4 31.4 47.2#





#44
 2,2,4-Trimethylpentane
 Concen: 0.631 ppbv
 RT: 4.625 min Scan# 1407
 Delta R.T. -0.016 min
 Lab File: VL042420.D
 Acq: 28 Apr 2025 11:33

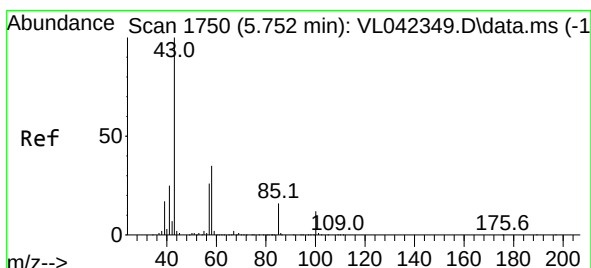
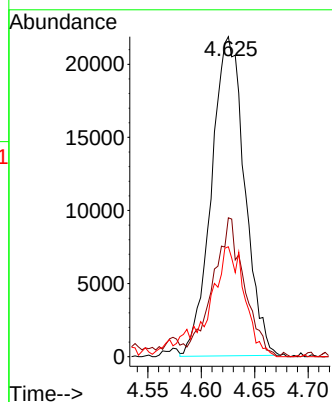
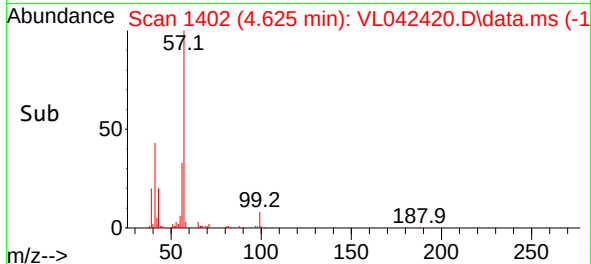
Instrument : MSVOA_L
 ClientSampleId : IA-DUP-1-3242025



Tgt Ion: 57 Resp: 47245
 Ion Ratio Lower Upper
 57 100
 41 44.6 27.2 40.8
 56 38.4 25.7 38.5

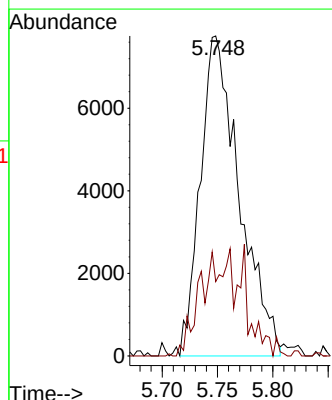
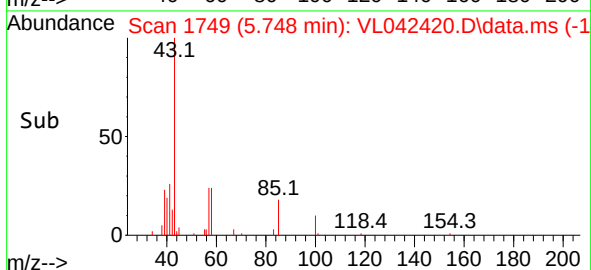
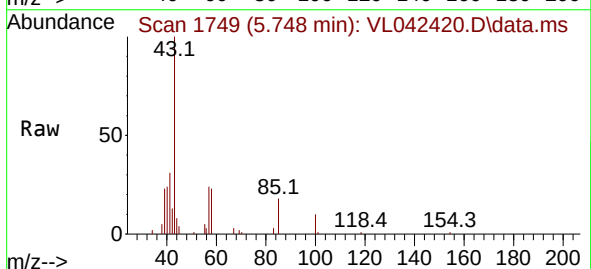
Manual Integrations
 APPROVED

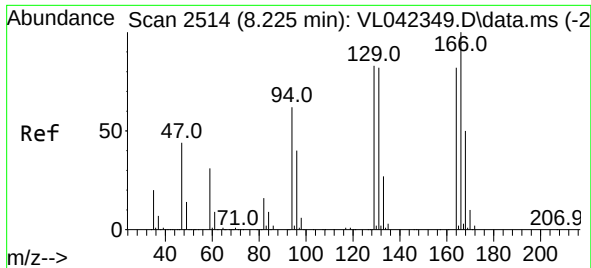
Reviewed By :Semsettin Yesilyurt 04/29/2025
 Supervised By :Mahesh Dadoda 04/30/2025



#50
 4-Methyl-2-Pentanone
 Concen: 0.359 ppbv
 RT: 5.748 min Scan# 1749
 Delta R.T. -0.003 min
 Lab File: VL042420.D
 Acq: 28 Apr 2025 11:33

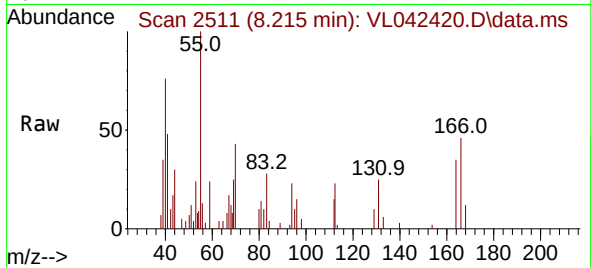
Tgt Ion: 43 Resp: 18997
 Ion Ratio Lower Upper
 43 100
 58 35.5 28.6 43.0





#52
Tetrachloroethene
Concen: 0.052 ppbv m
RT: 8.215 min Scan# 2111
Delta R.T. -0.010 min
Lab File: VL042420.D
Acq: 28 Apr 2025 11:33

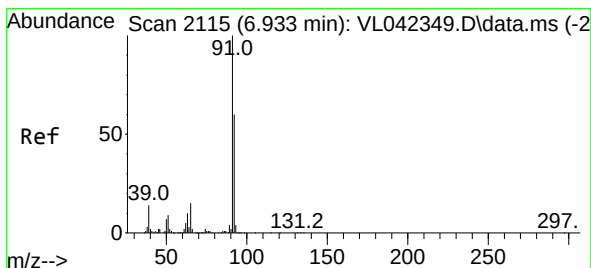
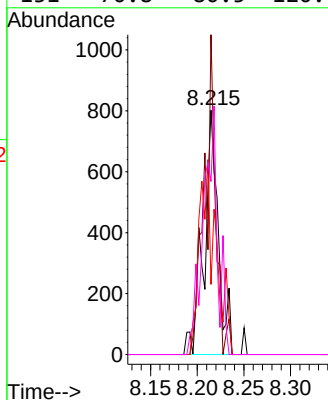
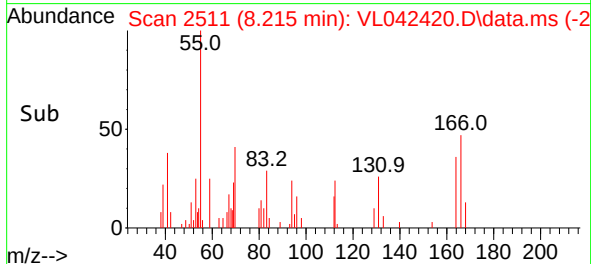
Instrument :
MSVOA_L
ClientSampleId :
IA-DUP-1-3242025



Tgt Ion:164 Resp: 87
Ion Ratio Lower Upper
164 100
166 130.9 98.2 147.2
129 28.7 81.8 122.8
131 70.8 80.5 120.7

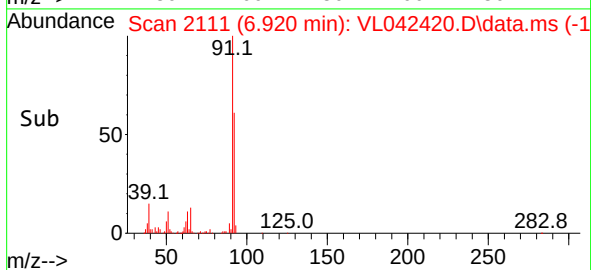
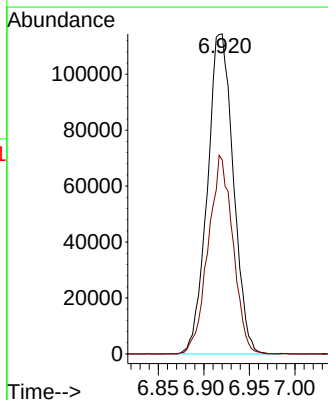
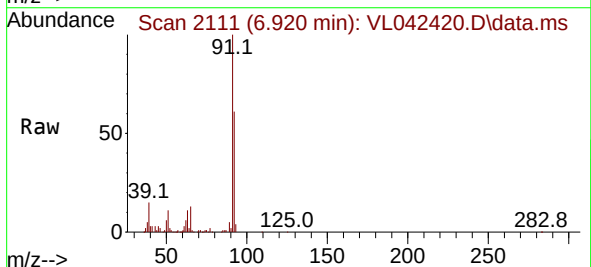
Manual Integrations
APPROVED

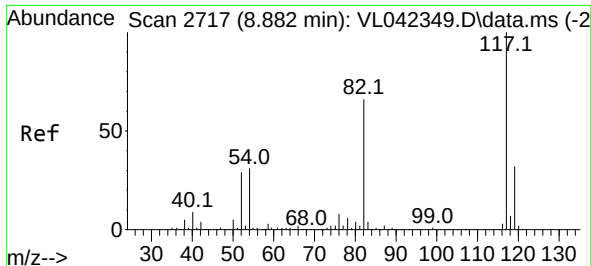
Reviewed By :Semsettin Yesilyurt 04/29/2025
Supervised By :Mahesh Dadoda 04/30/2025



#53
Toluene
Concen: 4.360 ppbv
RT: 6.920 min Scan# 2111
Delta R.T. -0.013 min
Lab File: VL042420.D
Acq: 28 Apr 2025 11:33

Tgt Ion: 91 Resp: 226903
Ion Ratio Lower Upper
91 100
92 59.2 48.2 72.4





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.868 min Scan# 21

Delta R.T. -0.013 min

Lab File: VL042420.D

Acq: 28 Apr 2025 11:33

Instrument :

MSVOA_L

ClientSampleId :

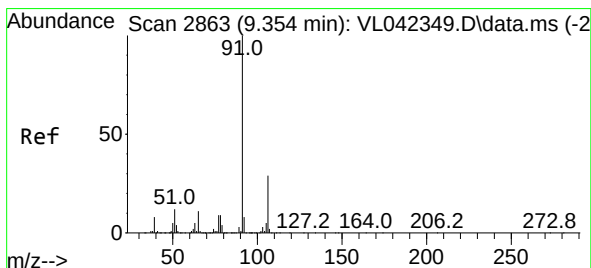
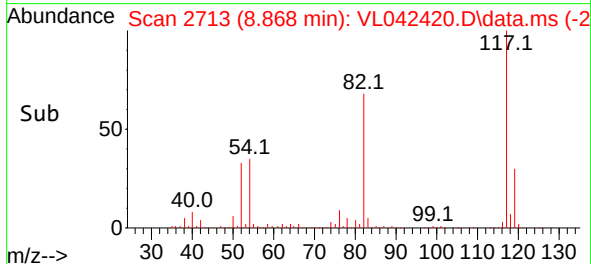
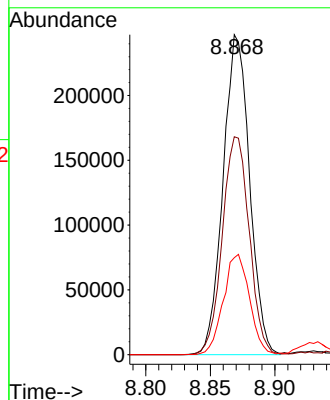
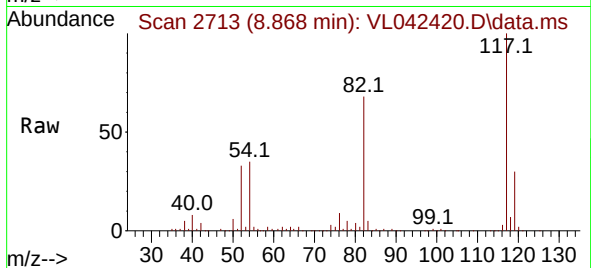
IA-DUP-1-3242025

Tgt Ion:117	Resp: 35288
Ion Ratio	Lower Upper
117 100	
82 69.3	57.8 86.6
119 31.0	25.2 37.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/29/2025
Supervised By :Mahesh Dadoda 04/30/2025



#58

Ethyl Benzene

Concen: 0.521 ppbv

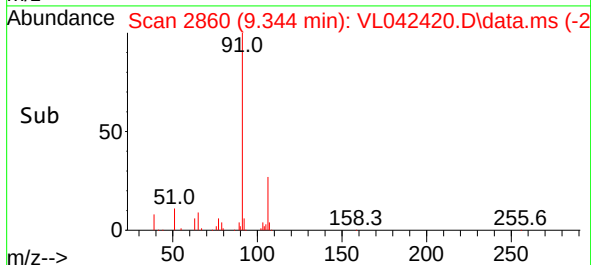
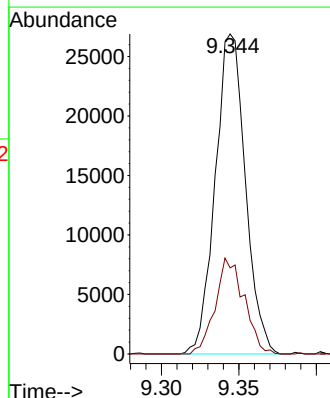
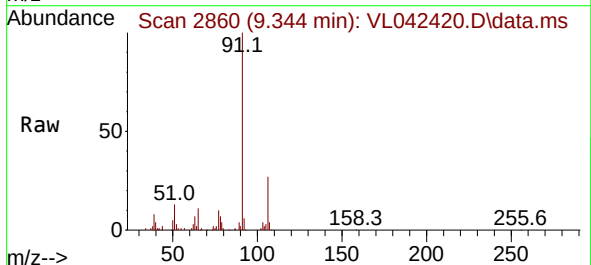
RT: 9.344 min Scan# 2860

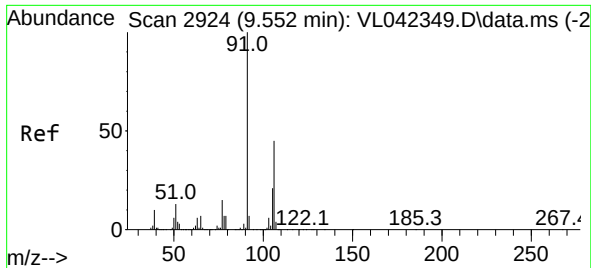
Delta R.T. -0.010 min

Lab File: VL042420.D

Acq: 28 Apr 2025 11:33

Tgt Ion: 91	Resp: 36433
Ion Ratio	Lower Upper
91 100	
106 26.9	23.0 34.4





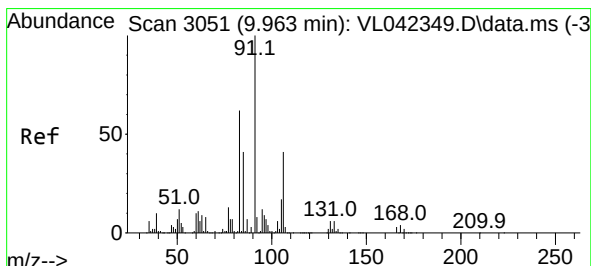
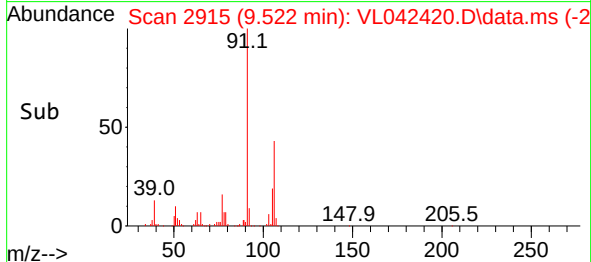
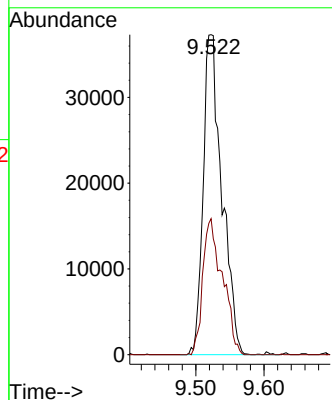
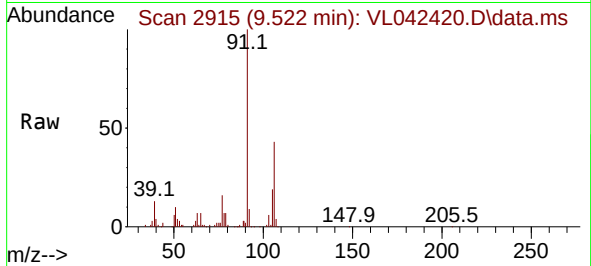
#59
m/p-Xylene
Concen: 1.267 ppbv m
RT: 9.522 min Scan# 2915
Delta R.T. -0.029 min
Lab File: VL042420.D
Acq: 28 Apr 2025 11:33

Instrument : MSVOA_L
ClientSampleId : IA-DUP-1-3242025

Tgt Ion: 91 Resp: 71388
Ion Ratio Lower Upper
91 100
106 0.0 35.4 53.2

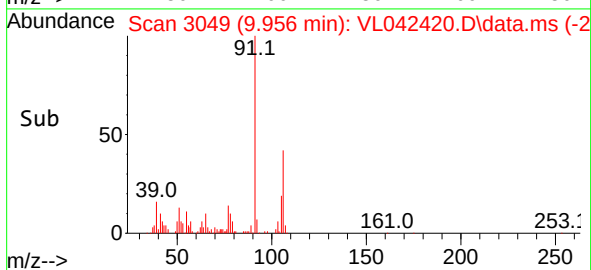
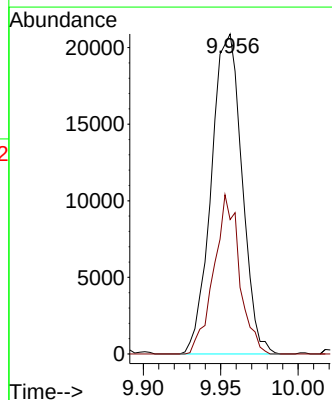
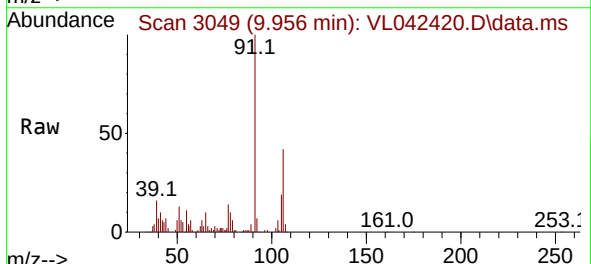
Manual Integrations
APPROVED

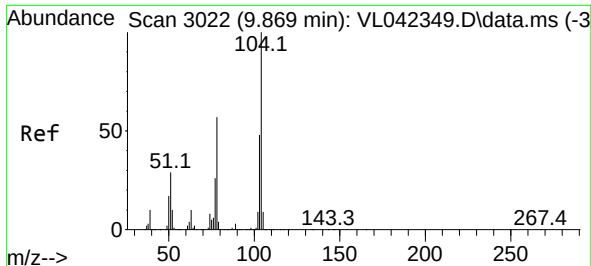
Reviewed By :Semsettin Yesilyurt 04/29/2025
Supervised By :Mahesh Dadoda 04/30/2025



#60
o-Xylene
Concen: 0.508 ppbv
RT: 9.956 min Scan# 3049
Delta R.T. -0.007 min
Lab File: VL042420.D
Acq: 28 Apr 2025 11:33

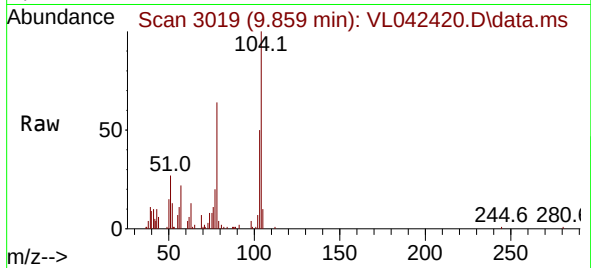
Tgt Ion: 91 Resp: 28805
Ion Ratio Lower Upper
91 100
106 41.5 21.1 63.4





#61
Styrene
Concen: 0.430 ppbv
RT: 9.859 min Scan# 3022
Delta R.T. -0.010 min
Lab File: VL042420.D
Acq: 28 Apr 2025 11:33

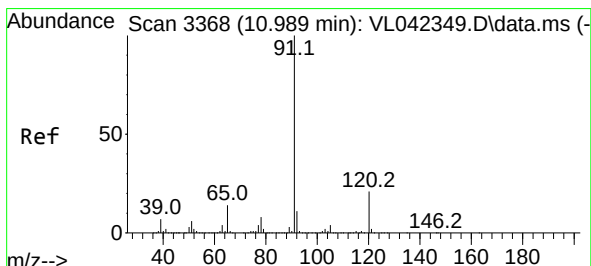
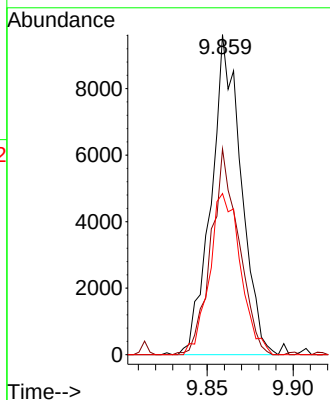
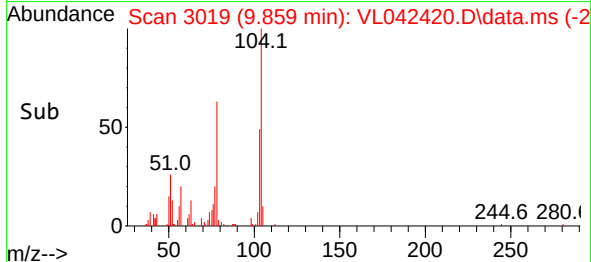
Instrument :
MSVOA_L
ClientSampleId :
IA-DUP-1-3242025



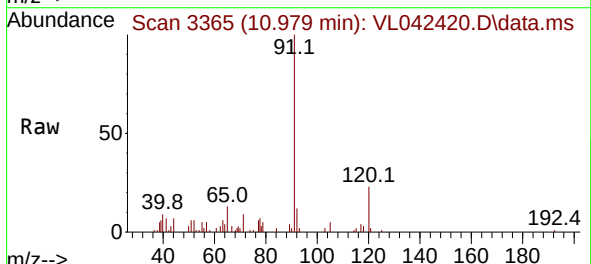
Tgt Ion:104 Resp: 11652
Ion Ratio Lower Upper
104 100
78 59.6 44.6 66.8
103 52.4 37.4 56.0

Manual Integrations
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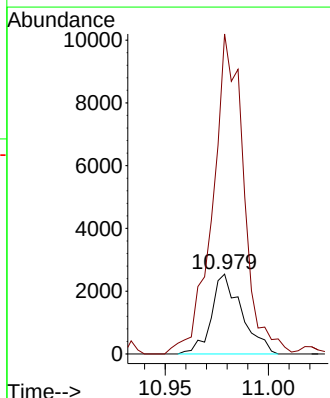
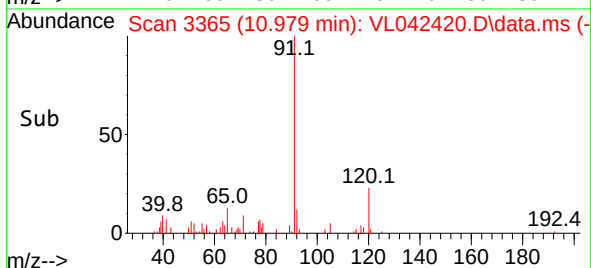
Reviewed By :Semsettin Yesilyurt 04/29/2025
Supervised By :Mahesh Dadoda 04/30/2025

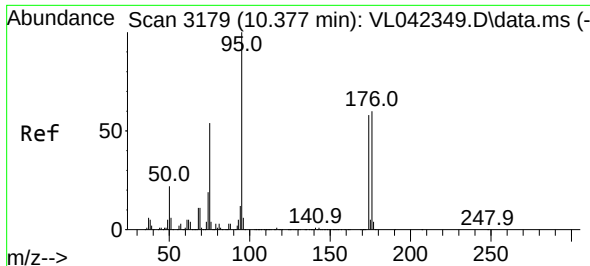


#64
n-propylbenzene
Concen: 0.124 ppbv
RT: 10.979 min Scan# 3365
Delta R.T. -0.010 min
Lab File: VL042420.D
Acq: 28 Apr 2025 11:33



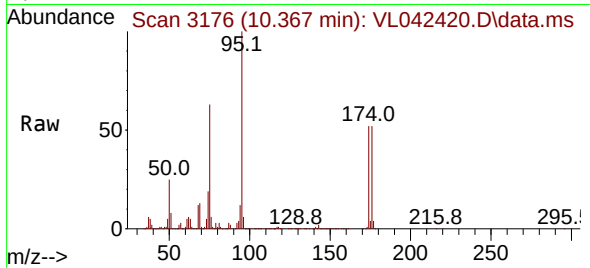
Tgt Ion:120 Resp: 2601
Ion Ratio Lower Upper
120 100
91 415.6 392.4 588.6





#68
1-Bromo-4-Fluorobenzene
Concen: 10.426 ppbv
RT: 10.367 min Scan# 3176
Delta R.T. -0.010 min
Lab File: VL042420.D
Acq: 28 Apr 2025 11:33

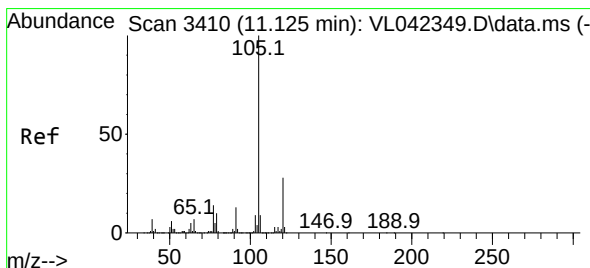
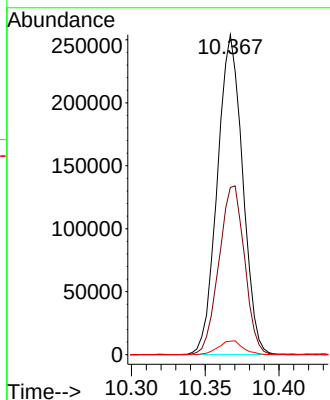
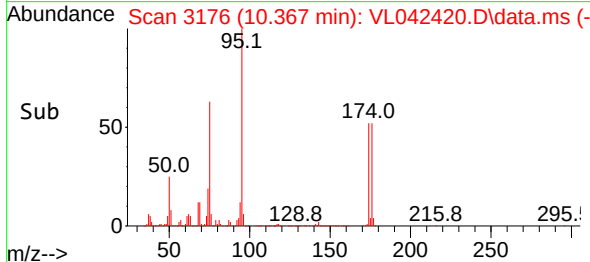
Instrument : MSVOA_L
ClientSampleId : IA-DUP-1-3242025



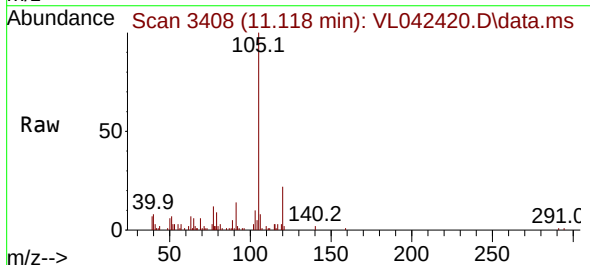
Tgt Ion: 95 Resp: 302328
Ion Ratio Lower Upper
95 100
174 53.7 48.5 72.7
175 4.2 3.7 5.5

Manual Integrations
APPROVED

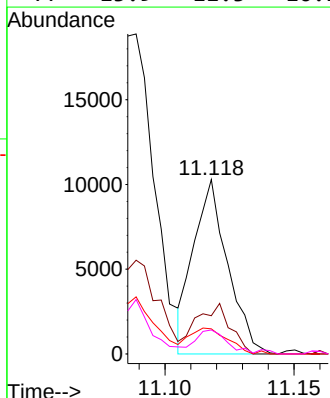
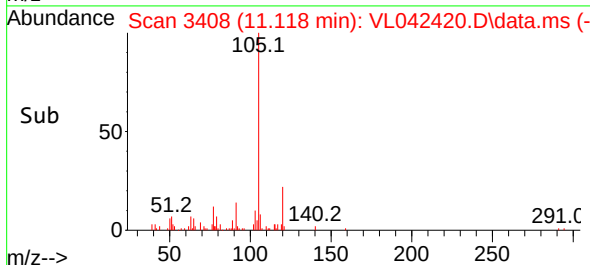
Reviewed By :Semsettin Yesilyurt 04/29/2025
Supervised By :Mahesh Dadoda 04/30/2025

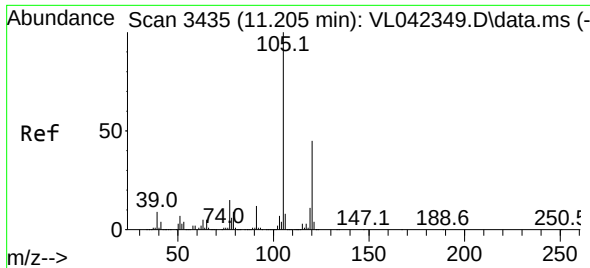


#72
4-Ethyltoluene
Concen: 0.137 ppbv
RT: 11.118 min Scan# 3408
Delta R.T. -0.007 min
Lab File: VL042420.D
Acq: 28 Apr 2025 11:33



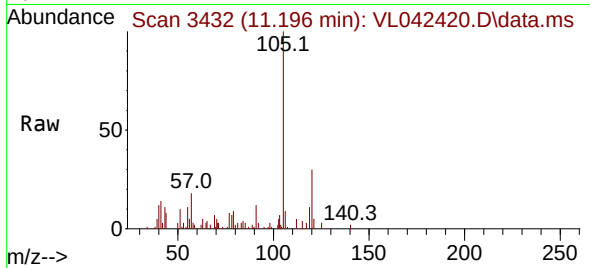
Tgt Ion:105 Resp: 9487
Ion Ratio Lower Upper
105 100
120 0.0 23.2 34.8#
91 0.0 10.4 15.6#
77 13.9 11.3 16.9





#73
1,3,5-Trimethylbenzene
Concen: 0.153 ppbv
RT: 11.196 min Scan# 3435
Delta R.T. -0.010 min
Lab File: VL042420.D
Acq: 28 Apr 2025 11:33

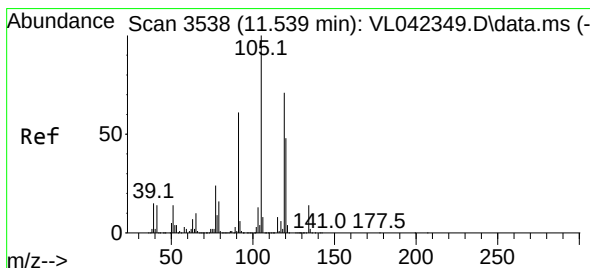
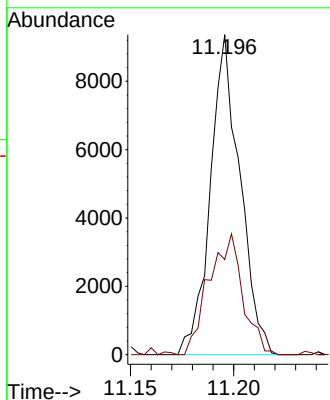
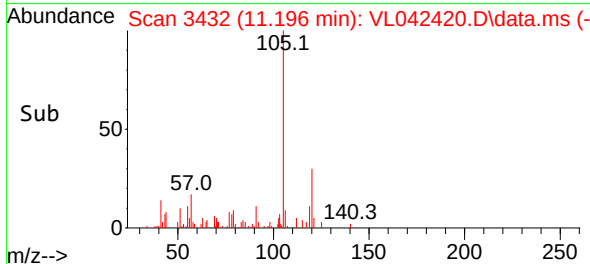
Instrument : MSVOA_L
ClientSampleId : IA-DUP-1-3242025



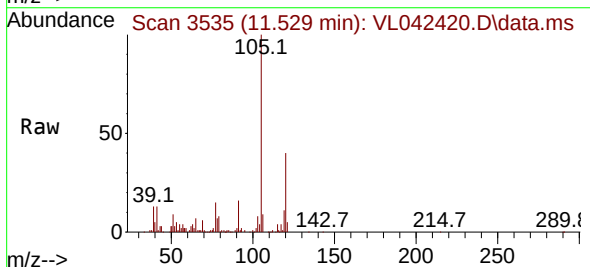
Tgt Ion:105 Resp: 9349
Ion Ratio Lower Upper
105 100
120 29.8 35.6 53.4#

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 04/29/2025
Supervised By :Mahesh Dadoda 04/30/2025



#74
1,2,4-Trimethylbenzene
Concen: 0.449 ppbv
RT: 11.529 min Scan# 3535
Delta R.T. -0.010 min
Lab File: VL042420.D
Acq: 28 Apr 2025 11:33



Tgt Ion:105 Resp: 32107
Ion Ratio Lower Upper
105 100
120 39.7 38.1 57.1
91 15.9 48.8 73.2#
77 14.5 19.0 28.4#

