

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041725\
 Data File : VL042370.D
 Acq On : 17 Apr 2025 22:19
 Operator : SY/MD
 Sample : Q1726-05
 Misc : 400mL/MSVOA_L
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-B2-1-03312025

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 04/18/2025
 Supervised By : Mahesh Dadoda 04/18/2025

Quant Time: Apr 18 02:45:15 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	2.787	49	113751	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.959	114	331268	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.882	117	291013	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.377	95	238323	9.966	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.700%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.499	85	10027	0.499	ppbv	94
3) Chlorodifluoromethane	1.473	51	5371m	0.281	ppbv	
4) Chloromethane	1.534	50	5131	0.645	ppbv	99
9) Propene	1.489	41	27016m	3.100	ppbv	
10) Heptane	4.978	43	117936	4.816	ppbv	99
11) Trichlorofluoromethane	1.878	101	4815	0.252	ppbv	98
13) Ethanol	1.722	45	389165	280.929	ppbv	76
15) Acetone	1.835	43	3179147	170.726	ppbv #	41
17) tert-Butyl alcohol	2.046	59	16324m	0.707	ppbv	
19) Isopropyl Alcohol	1.887	45	379189	36.656	ppbv #	33
20) Methylene Chloride	2.062	84	19314	2.648	ppbv	94
26) Hexane	2.826	57	72332	3.893	ppbv #	40
30) Cyclohexane	3.852	84	20839m	1.387	ppbv	
32) 1,1,1-Trichloroethane	3.370	97	984m	0.033	ppbv	
34) 2-Butanone	2.560	43	30710	1.172	ppbv	97
35) Carbon Tetrachloride	3.761	117	2547	0.085	ppbv #	65
36) Benzene	3.654	78	46043	1.289	ppbv	96
44) 2,2,4-Trimethylpentane	4.642	57	746896	12.103	ppbv	97
52) Tetrachloroethene	8.231	164	2745m	0.199	ppbv	
53) Toluene	6.933	91	1320170	30.789	ppbv	100
58) Ethyl Benzene	9.354	91	360069	6.245	ppbv	99
59) m/p-Xylene	9.532	91	1004159	21.619	ppbv	100
60) o-Xylene	9.966	91	393388	8.410	ppbv	99
61) Styrene	9.872	104	8391	0.376	ppbv	95
62) Isopropylbenzene	10.539	105	39493	0.575	ppbv	95
64) n-propylbenzene	10.989	120	32073	1.858	ppbv	96
67) sec-Butylbenzene	11.769	105	11229	0.128	ppbv #	62
69) p-Isopropyltoluene	11.924	119	18095	0.237	ppbv	99
70) n-Butylbenzene	12.283	91	43525	0.548	ppbv #	42
71) 2-Chlorotoluene	10.905	91	42867	0.796	ppbv	97
72) 4-Ethyltoluene	11.128	105	178872	3.128	ppbv #	56
73) 1,3,5-Trimethylbenzene	11.206	105	173796	3.443	ppbv	98
74) 1,2,4-Trimethylbenzene	11.536	105	550459	9.336	ppbv #	63
76) 1,4-Dichlorobenzene	11.672	146	4575	0.149	ppbv	87
79) Naphthalene	13.513	128	25684	0.364	ppbv	97

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

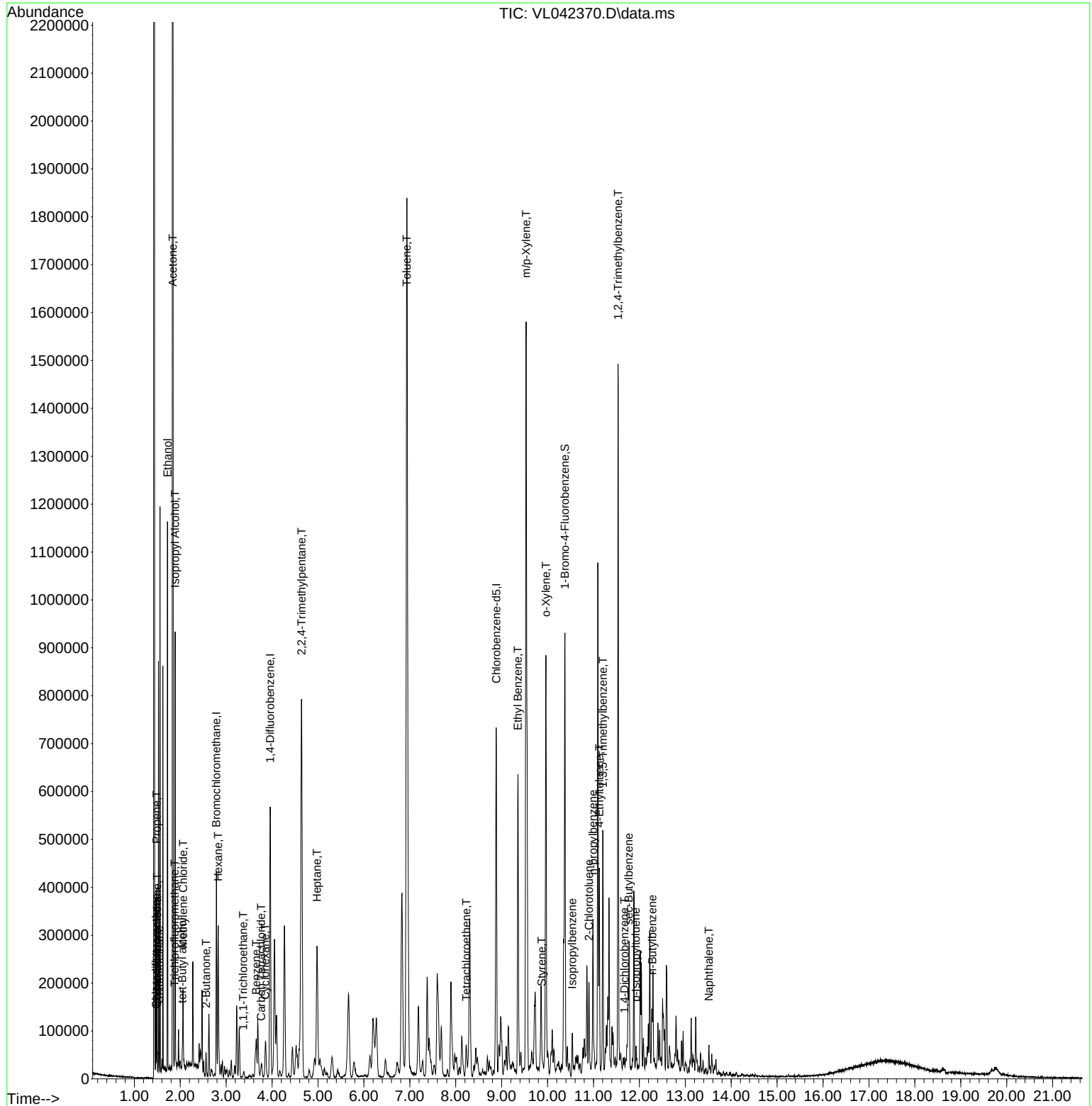
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041725\
Data File : VL042370.D
Acq On : 17 Apr 2025 22:19
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Sample : Q1726-05
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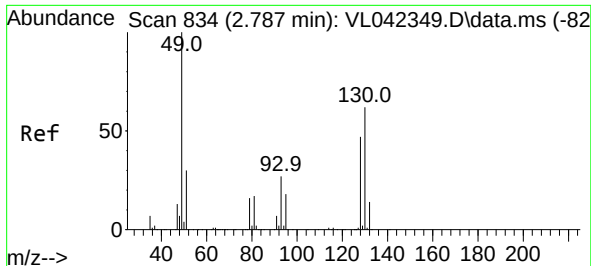
Instrument :
MSVOA_L
ClientSampleId :
IA-B2-1-03312025

Quant Time: Apr 18 02:45:15 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041725AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Fri Apr 18 02:14:00 2025
Response via : Initial Calibration

Manual Integrations
APPROVED

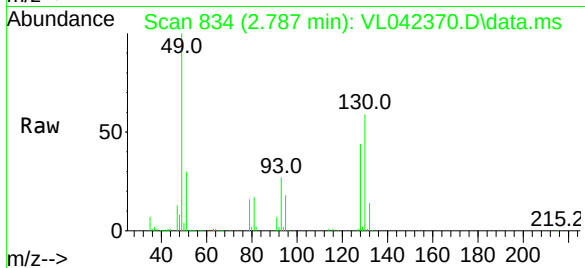
Reviewed By : Semsettin Yesilyurt 04/18/2025
Supervised By : Mahesh Dadoda 04/18/2025





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.787 min Scan# 834
Delta R.T. 0.000 min
Lab File: VL042370.D
Acq: 17 Apr 2025 22:19

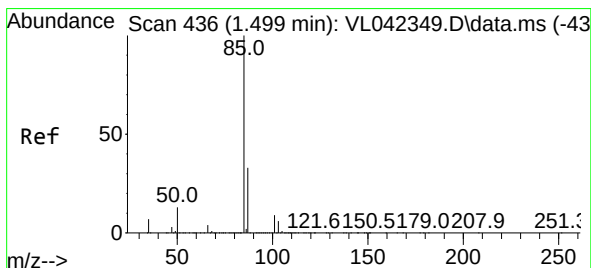
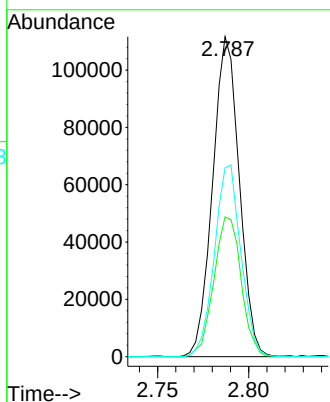
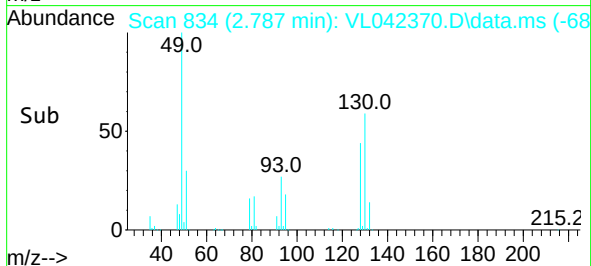
Instrument :
MSVOA_L
ClientSampleId :
IA-B2-1-03312025



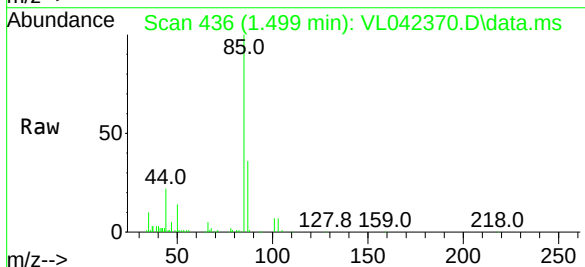
Tgt Ion: 49 Resp: 11375
Ion Ratio Lower Upper
49 100
128 44.7 22.8 68.4
130 59.5 29.3 88.0

Manual Integrations
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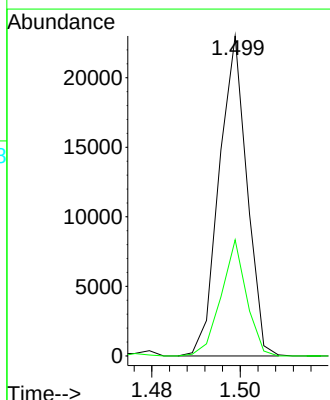
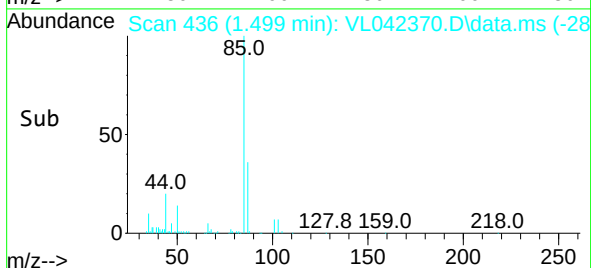
Reviewed By :Semsettin Yesilyurt 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025

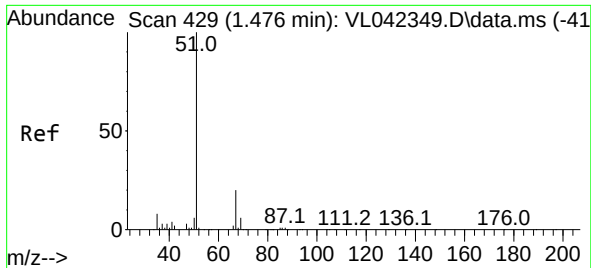


#2
Dichlorodifluoromethane
Concen: 0.499 ppbv
RT: 1.499 min Scan# 436
Delta R.T. 0.000 min
Lab File: VL042370.D
Acq: 17 Apr 2025 22:19



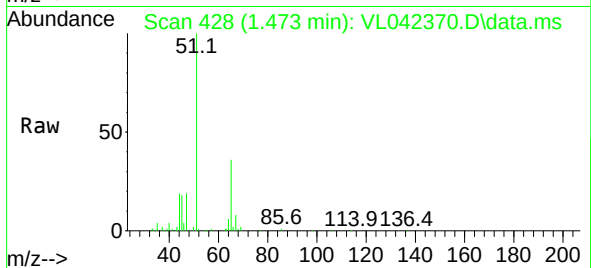
Tgt Ion: 85 Resp: 10027
Ion Ratio Lower Upper
85 100
87 36.3 26.6 39.8





#3
Chlorodifluoromethane
Concen: 0.281 ppbv m
RT: 1.473 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL042370.D
Acq: 17 Apr 2025 22:19

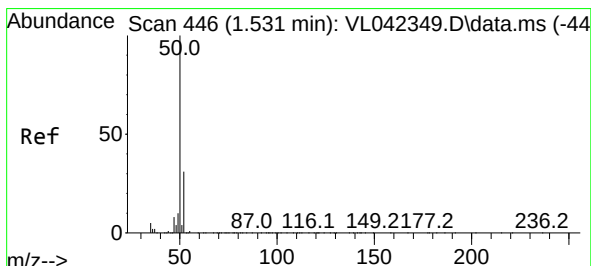
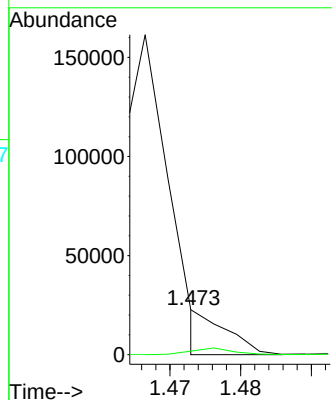
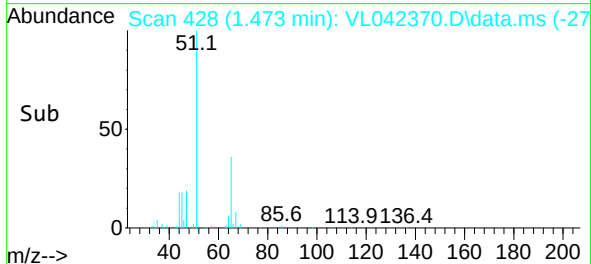
Instrument :
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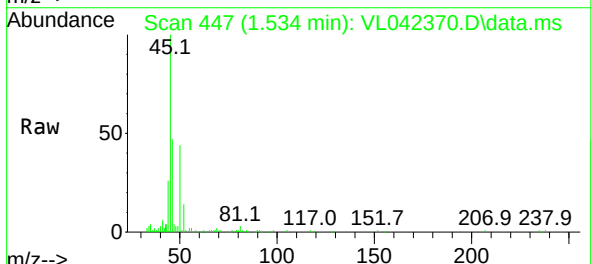
Tgt Ion: 51 Resp: 537
Ion Ratio Lower Upper
51 100
67 29.8 16.2 24.4

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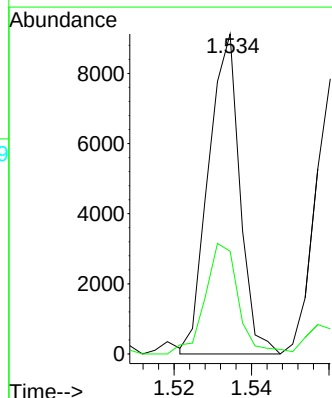
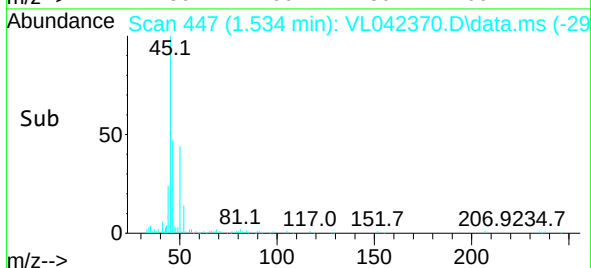
Reviewed By :Semsettin Yesilyurt 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025

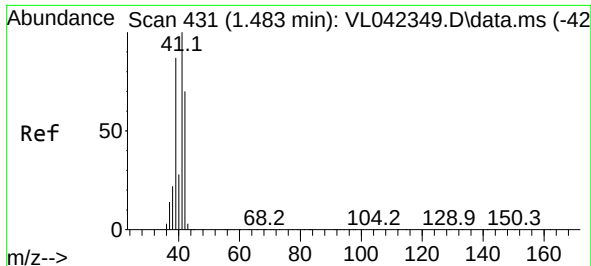


#4
Chloromethane
Concen: 0.645 ppbv
RT: 1.534 min Scan# 447
Delta R.T. 0.003 min
Lab File: VL042370.D
Acq: 17 Apr 2025 22:19



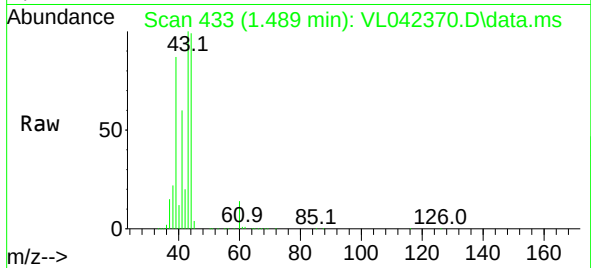
Tgt Ion: 50 Resp: 5131
Ion Ratio Lower Upper
50 100
52 31.2 24.7 37.1





#9
 Propene
 Concen: 3.100 ppbv m
 RT: 1.489 min Scan# 41
 Delta R.T. 0.007 min
 Lab File: VL042370.D
 Acq: 17 Apr 2025 22:19

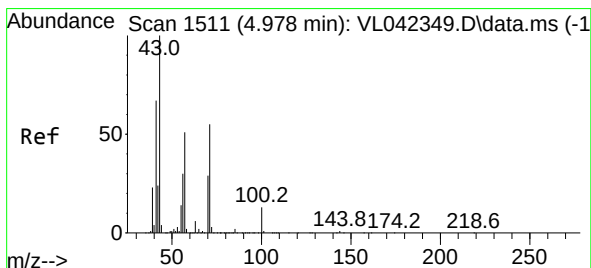
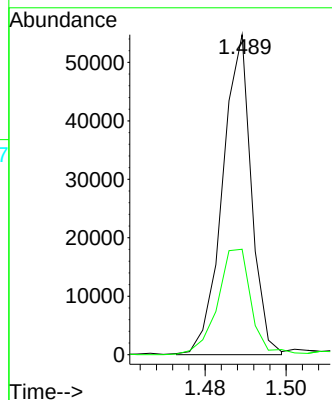
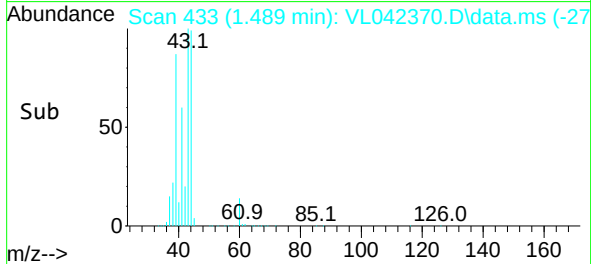
Instrument :
 MSVOA_L
 ClientSampleId :
 IA-B2-1-03312025



Tgt Ion: 41 Resp: 27010
 Ion Ratio Lower Upper
 41 100
 42 333.1 56.2 84.4

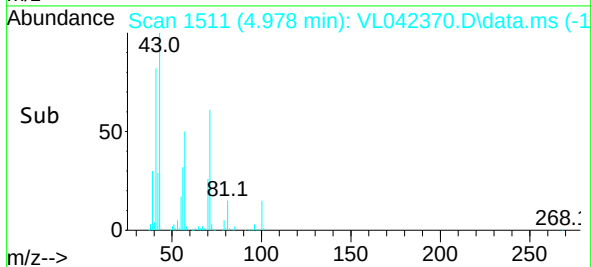
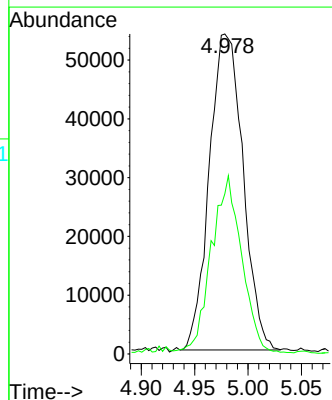
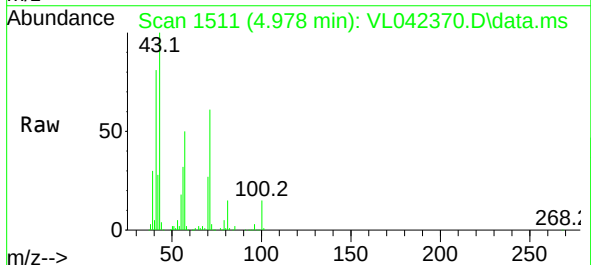
Manual Integrations
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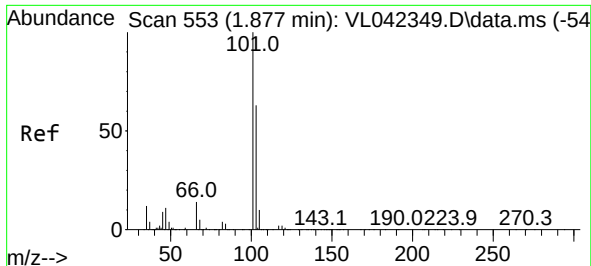
Reviewed By :Semsettin Yesilyurt 04/18/2025
 Supervised By :Mahesh Dadoda 04/18/2025



#10
 Heptane
 Concen: 4.816 ppbv
 RT: 4.978 min Scan# 1511
 Delta R.T. 0.000 min
 Lab File: VL042370.D
 Acq: 17 Apr 2025 22:19

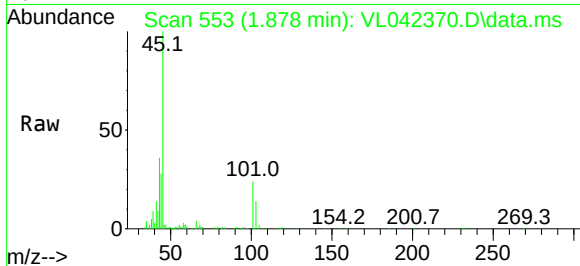
Tgt Ion: 43 Resp: 117936
 Ion Ratio Lower Upper
 43 100
 57 50.5 39.9 59.9





#11
Trichlorofluoromethane
Concen: 0.252 ppbv
RT: 1.878 min Scan# 501
Delta R.T. 0.000 min
Lab File: VL042370.D
Acq: 17 Apr 2025 22:19

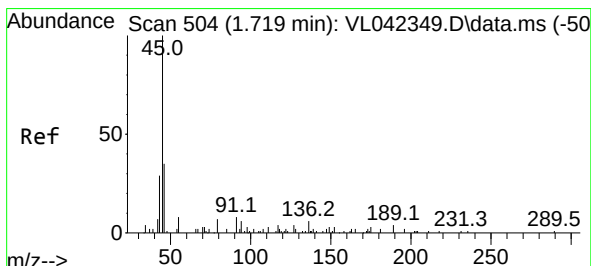
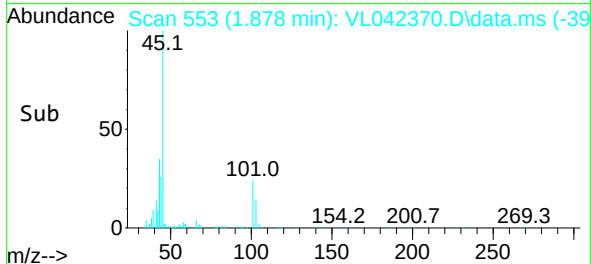
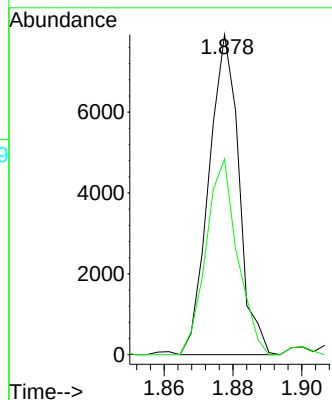
Instrument :
MSVOA_L
ClientSampleId :
IA-B2-1-03312025



Tgt Ion:101 Resp: 4815
Ion Ratio Lower Upper
101 100
103 61.2 50.1 75.1

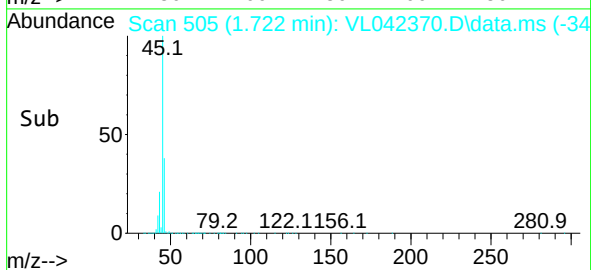
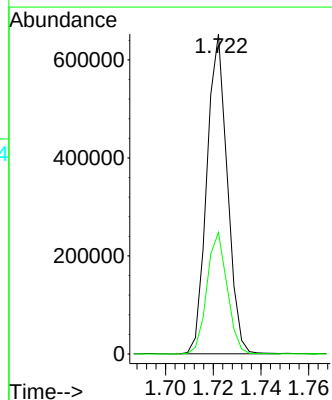
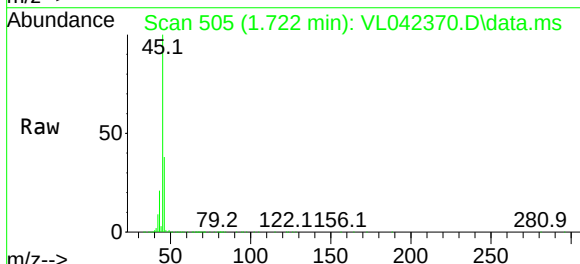
Manual Integrations
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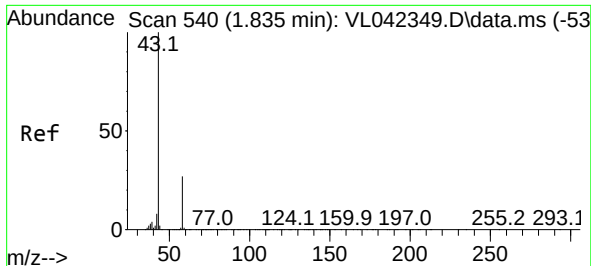
Reviewed By :Semsettin Yesilyurt 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#13
Ethanol
Concen: 280.929 ppbv
RT: 1.722 min Scan# 505
Delta R.T. 0.003 min
Lab File: VL042370.D
Acq: 17 Apr 2025 22:19

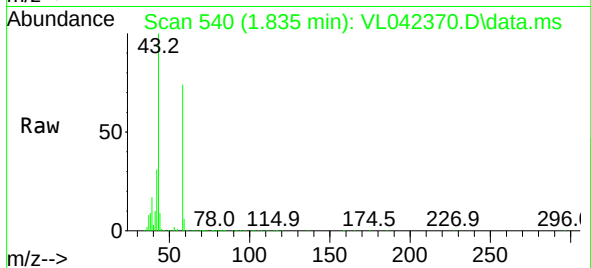
Tgt Ion: 45 Resp: 389165
Ion Ratio Lower Upper
45 100
46 37.8 21.9 87.7





#15
Acetone
Concen: 170.726 ppbv
RT: 1.835 min Scan# 540
Delta R.T. 0.000 min
Lab File: VL042370.D
Acq: 17 Apr 2025 22:19

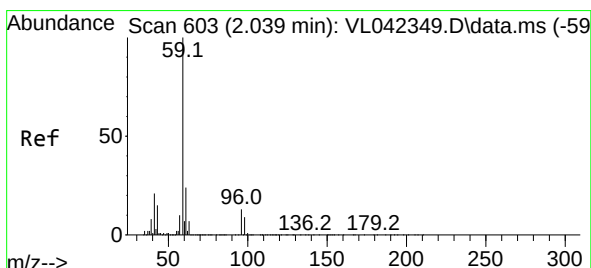
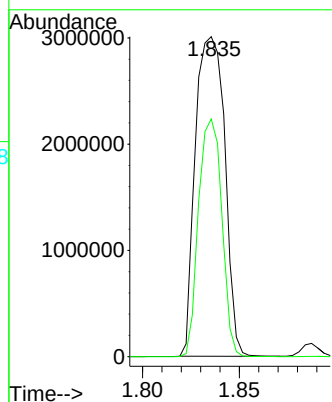
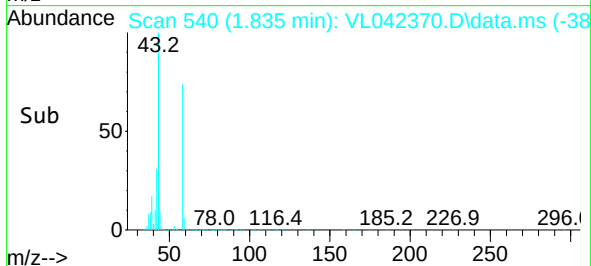
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Tgt Ion: 43 Resp: 317914
Ion Ratio Lower Upper
43 100
58 59.0 22.4 33.6

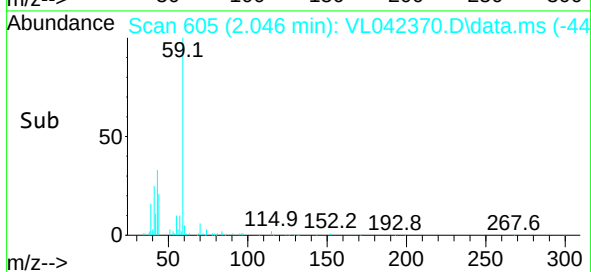
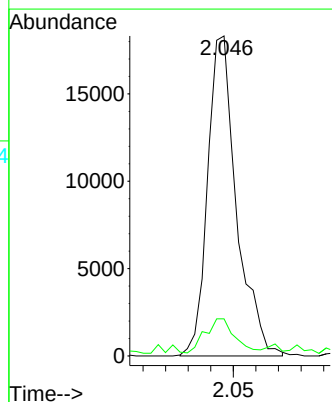
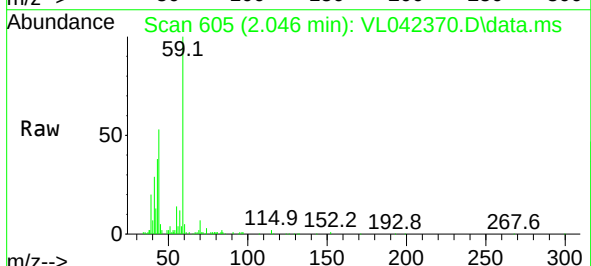
Manual Integrations
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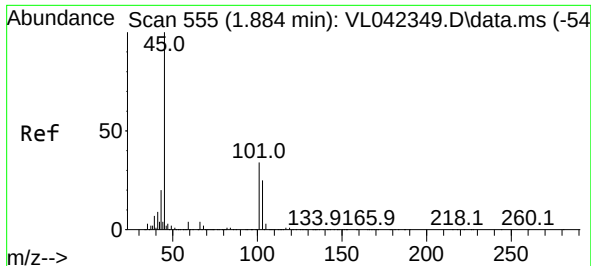
Reviewed By :Semsettin Yesilyurt 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#17
tert-Butyl alcohol
Concen: 0.707 ppbv m
RT: 2.046 min Scan# 605
Delta R.T. 0.007 min
Lab File: VL042370.D
Acq: 17 Apr 2025 22:19

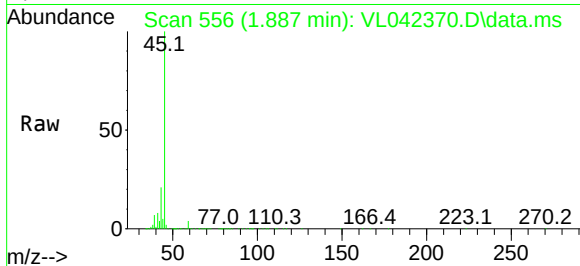
Tgt Ion: 59 Resp: 16324
Ion Ratio Lower Upper
59 100
57 25.6 8.7 13.1





#19
Isopropyl Alcohol
Concen: 36.656 ppbv
RT: 1.887 min Scan# 511
Delta R.T. 0.003 min
Lab File: VL042370.D
Acq: 17 Apr 2025 22:19

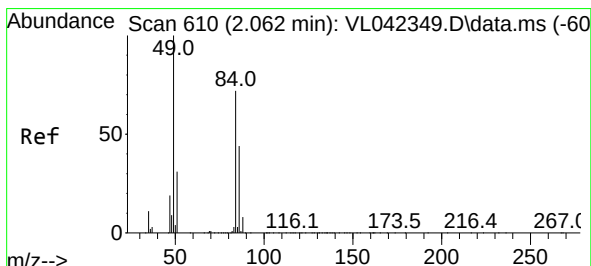
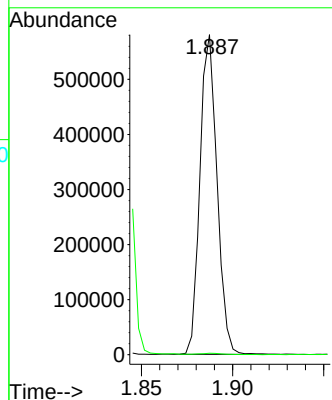
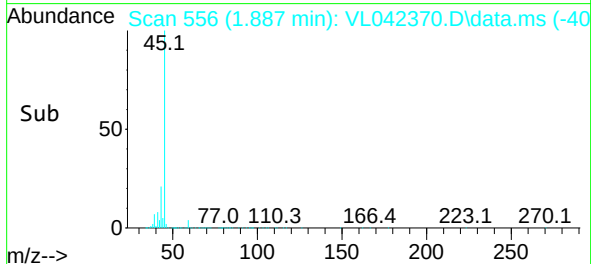
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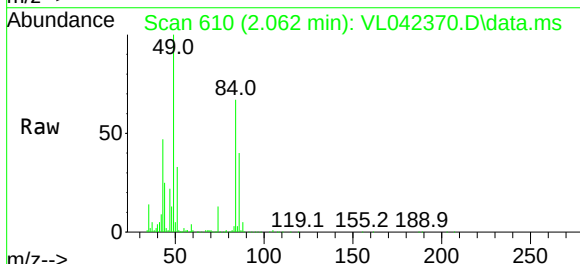
Tgt Ion: 45 Resp: 379189
Ion Ratio Lower Upper
45 100
58 0.0 34.5 51.7

Manual Integrations
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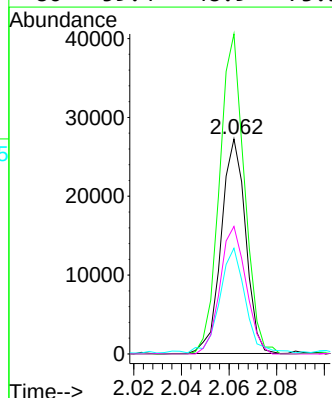
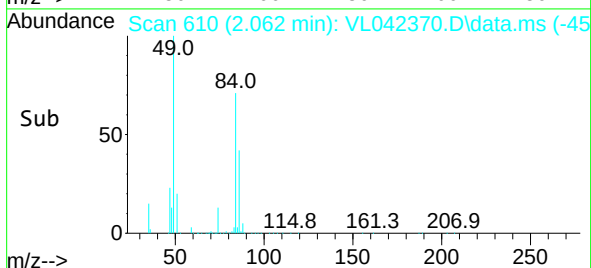
Reviewed By :Semsettin Yesilyurt 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025

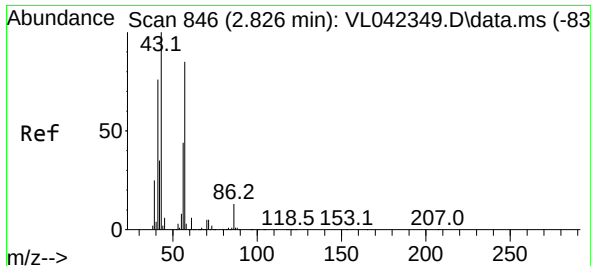


#20
Methylene Chloride
Concen: 2.648 ppbv
RT: 2.062 min Scan# 610
Delta R.T. 0.000 min
Lab File: VL042370.D
Acq: 17 Apr 2025 22:19



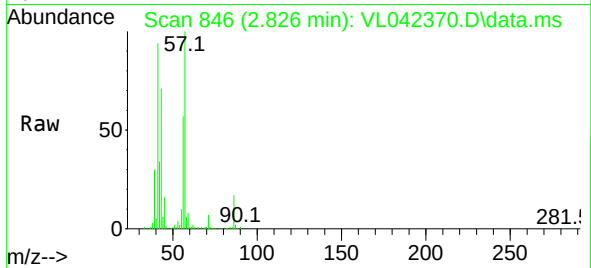
Tgt Ion: 84 Resp: 19314
Ion Ratio Lower Upper
84 100
49 149.1 111.6 167.4
51 48.0 35.1 52.7
86 59.4 48.9 73.3





#26
Hexane
Concen: 3.893 ppbv
RT: 2.826 min Scan# 846
Delta R.T. 0.000 min
Lab File: VL042370.D
Acq: 17 Apr 2025 22:19

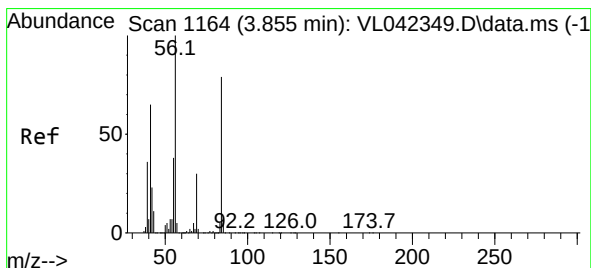
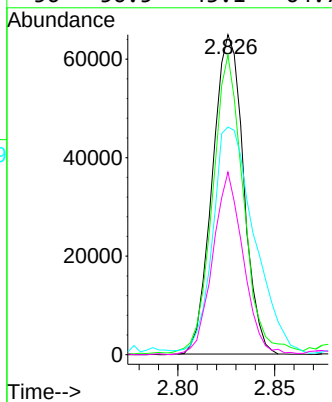
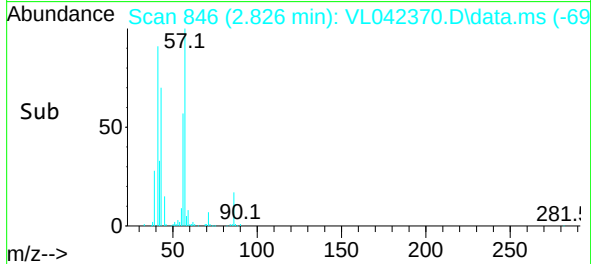
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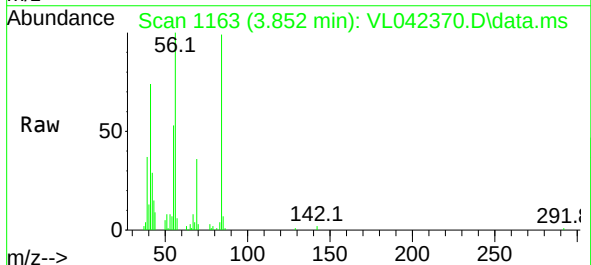
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Ion Ratio Lower Upper
57 100
41 93.6 77.9 116.9
43 95.6 208.4 312.6
56 56.5 43.1 64.7

Manual Integrations
APPROVED

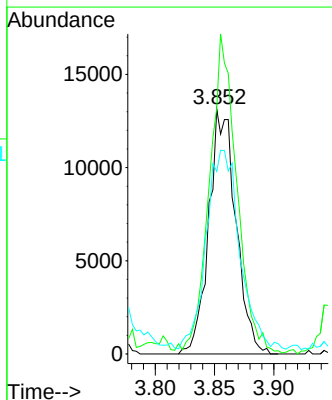
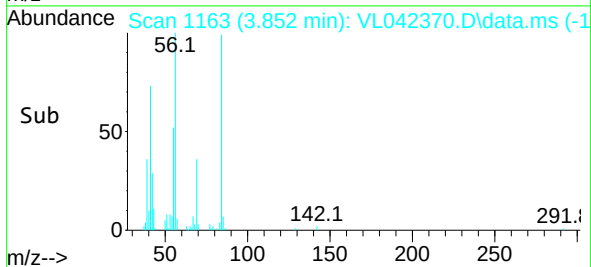
Reviewed By :Semsettin Yesilyurt 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025

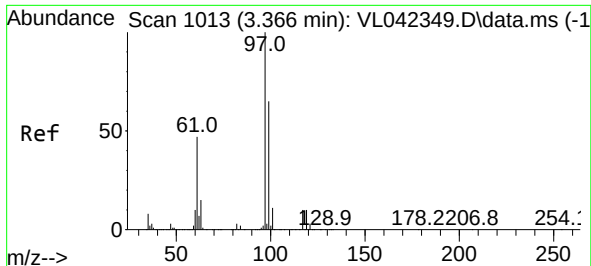


#30
Cyclohexane
Concen: 1.387 ppbv m
RT: 3.852 min Scan# 1163
Delta R.T. -0.003 min
Lab File: VL042370.D
Acq: 17 Apr 2025 22:19



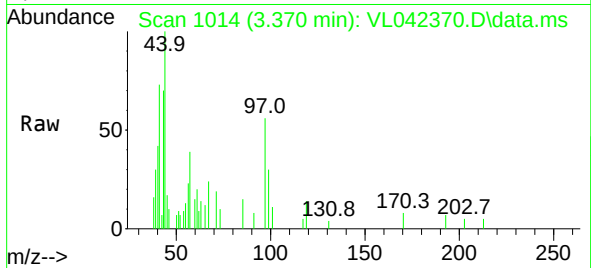
Tgt Ion: 84 Resp: 20839
Ion Ratio Lower Upper
84 100
56 132.3 101.0 151.4
41 102.7 67.4 101.0#





#32
 1,1,1-Trichloroethane
 Concen: 0.033 ppbv m
 RT: 3.370 min Scan# 1013
 Delta R.T. 0.003 min
 Lab File: VL042370.D
 Acq: 17 Apr 2025 22:19

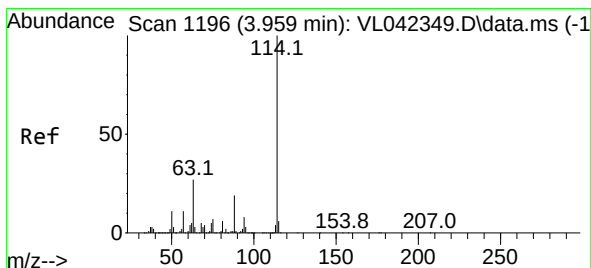
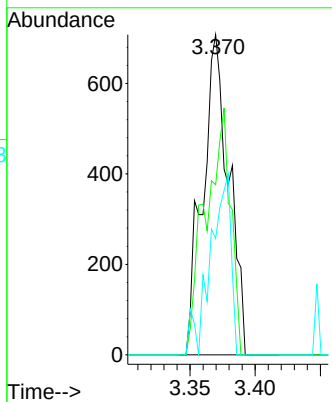
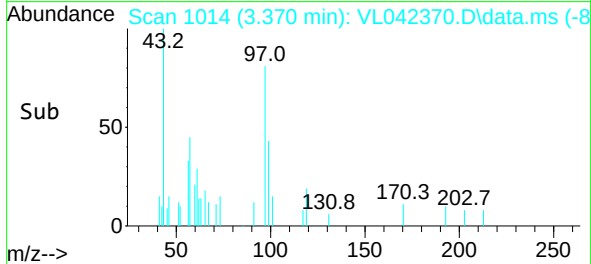
Instrument :
 MSVOA_L
 ClientSampleId :
 IA-B2-1-03312025



Tgt Ion: 97 Resp: 984
 Ion Ratio Lower Upper
 97 100
 99 0.0 51.0 76.4
 61 0.0 38.8 58.2

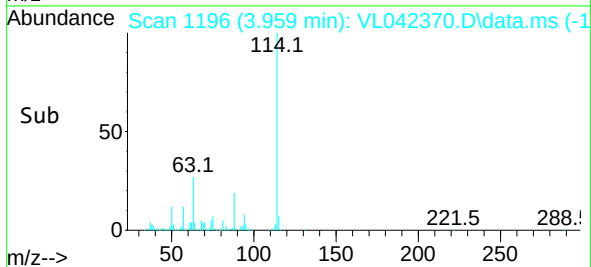
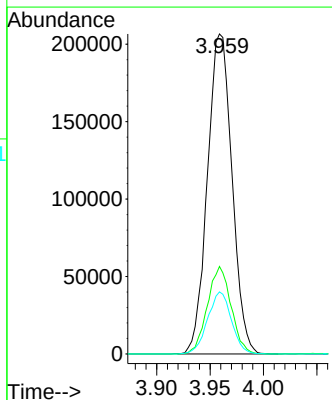
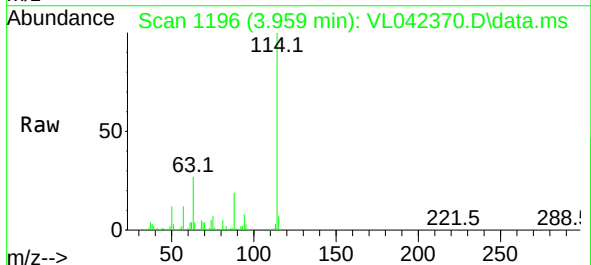
Manual Integrations
 APPROVED

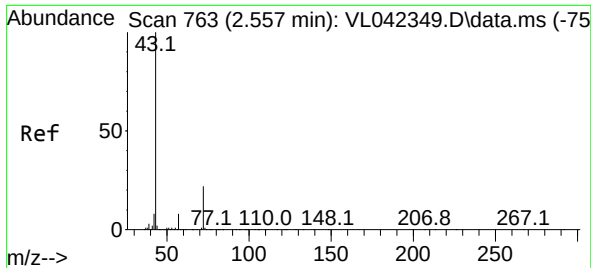
Reviewed By :Semsettin Yesilyurt 04/18/2025
 Supervised By :Mahesh Dadoda 04/18/2025



#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 3.959 min Scan# 1196
 Delta R.T. 0.000 min
 Lab File: VL042370.D
 Acq: 17 Apr 2025 22:19

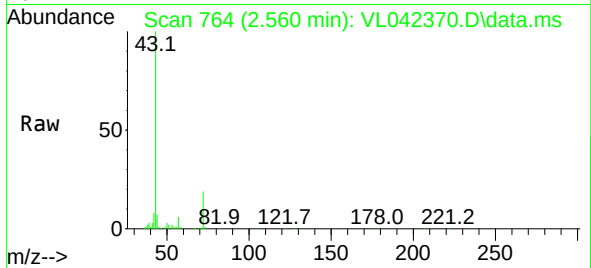
Tgt Ion:114 Resp: 331268
 Ion Ratio Lower Upper
 114 100
 63 26.3 21.8 32.6
 88 18.8 15.5 23.3





#34
2-Butanone
Concen: 1.172 ppbv
RT: 2.560 min Scan# 763
Delta R.T. 0.003 min
Lab File: VL042370.D
Acq: 17 Apr 2025 22:19

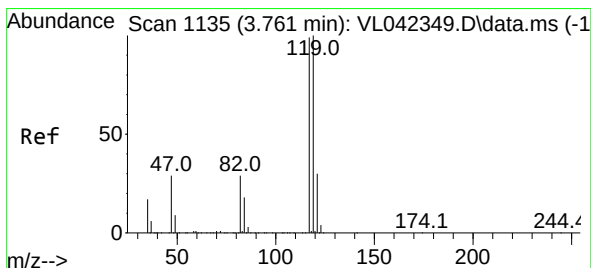
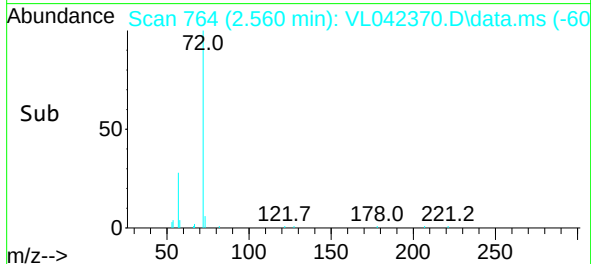
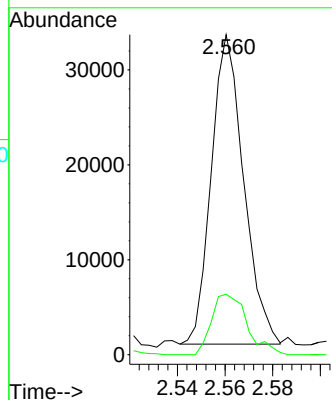
Instrument :
MSVOA_L
ClientSampleId :
IA-B2-1-03312025



Tgt Ion: 43 Resp: 30710
Ion Ratio Lower Upper
43 100
72 21.4 18.2 27.2

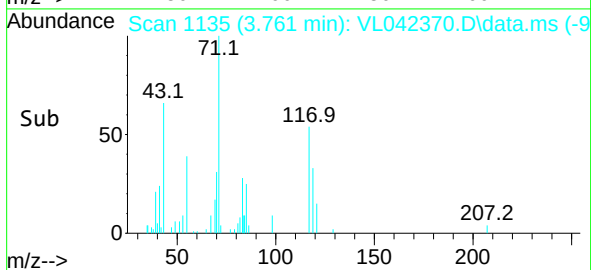
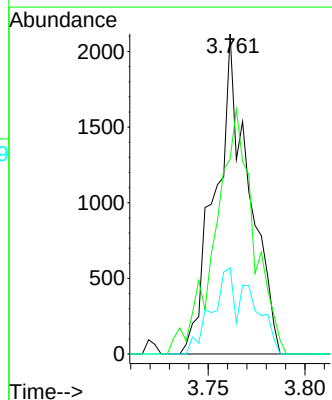
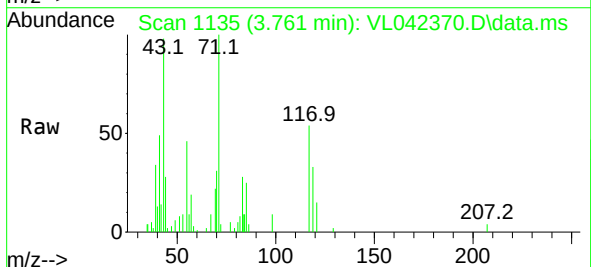
Manual Integrations
APPROVED

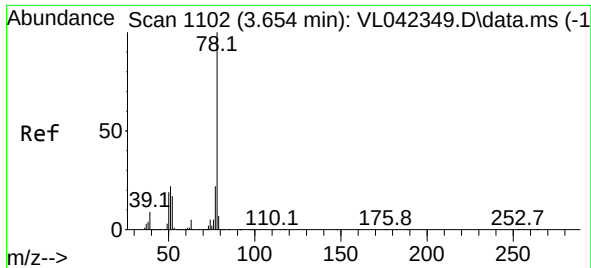
Reviewed By :Semsettin Yesilyurt 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#35
Carbon Tetrachloride
Concen: 0.085 ppbv
RT: 3.761 min Scan# 1135
Delta R.T. 0.000 min
Lab File: VL042370.D
Acq: 17 Apr 2025 22:19

Tgt Ion:117 Resp: 2547
Ion Ratio Lower Upper
117 100
119 56.7 80.5 120.7#
121 26.9 24.2 36.2





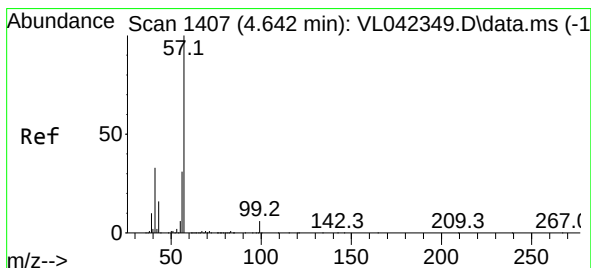
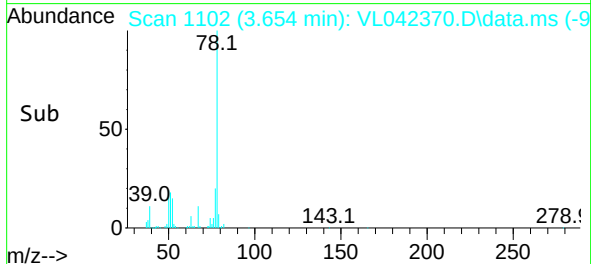
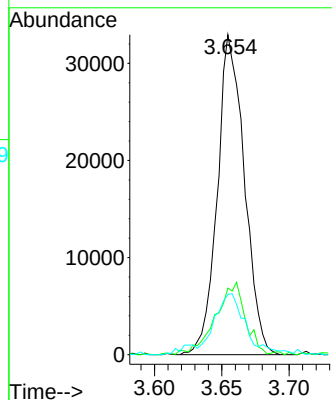
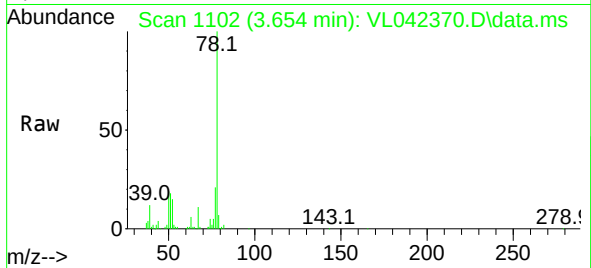
#36
Benzene
Concen: 1.289 ppbv
RT: 3.654 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VL042370.D
Acq: 17 Apr 2025 22:19

Instrument : MSVOA_L
ClientSampleId : IA-B2-1-03312025

Tgt Ion: 78 Resp: 4604
Ion Ratio Lower Upper
78 100
77 20.0 17.4 26.0
50 17.7 15.5 23.3

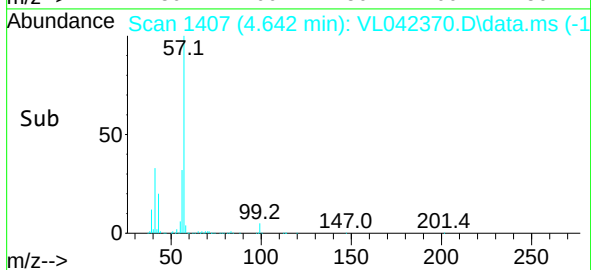
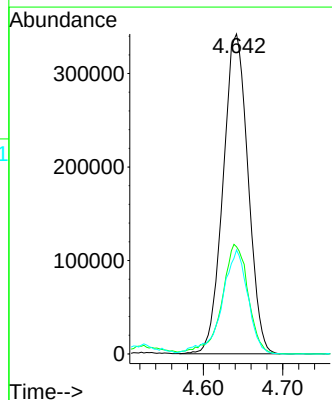
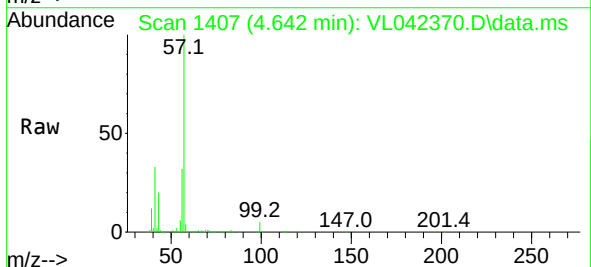
Manual Integrations
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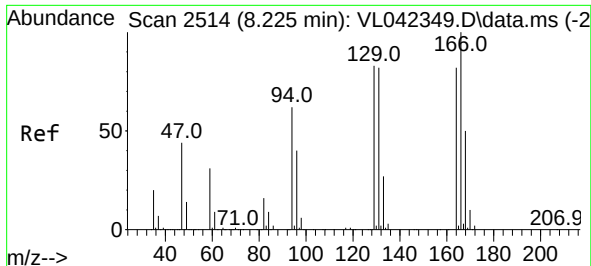
Reviewed By :Semsettin Yesilyurt 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#44
2,2,4-Trimethylpentane
Concen: 12.103 ppbv
RT: 4.642 min Scan# 1407
Delta R.T. 0.000 min
Lab File: VL042370.D
Acq: 17 Apr 2025 22:19

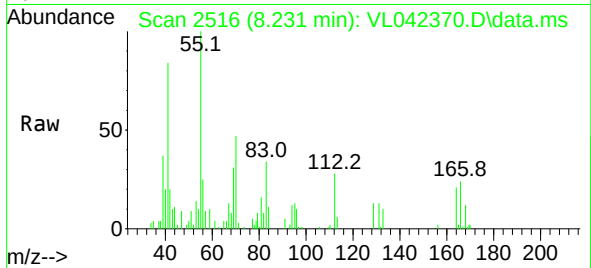
Tgt Ion: 57 Resp: 746896
Ion Ratio Lower Upper
57 100
41 36.1 27.2 40.8
56 33.9 25.7 38.5





#52
Tetrachloroethene
Concen: 0.199 ppbv m
RT: 8.231 min Scan# 2115
Delta R.T. 0.007 min
Lab File: VL042370.D
Acq: 17 Apr 2025 22:19

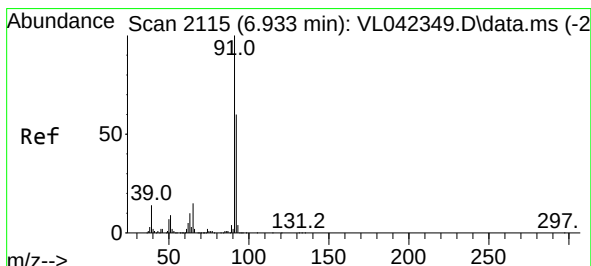
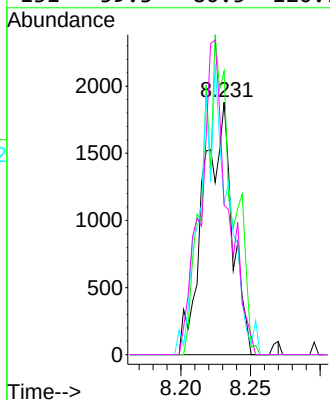
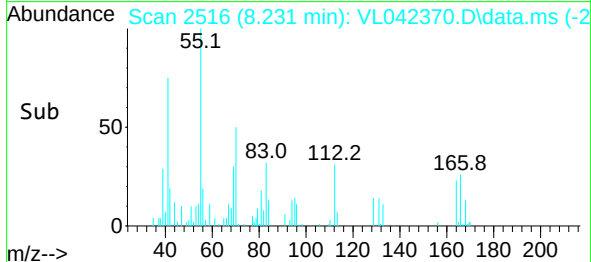
Instrument : MSVOA_L
ClientSampleId : IA-B2-1-03312025



Tgt Ion:164 Resp: 274
Ion Ratio Lower Upper
164 100
166 112.4 98.2 147.2
129 60.0 81.8 122.8
131 59.3 80.5 120.7#

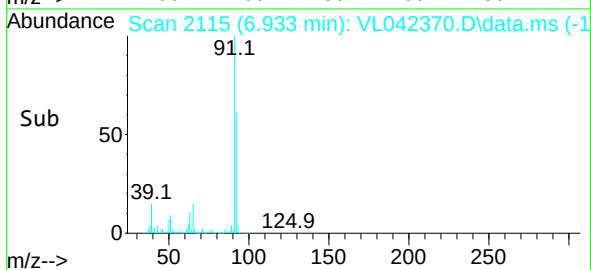
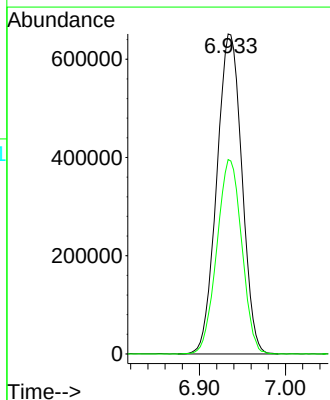
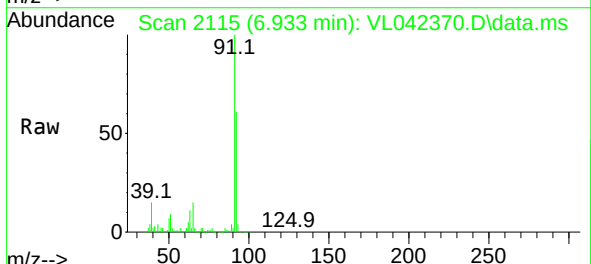
Manual Integrations
APPROVED

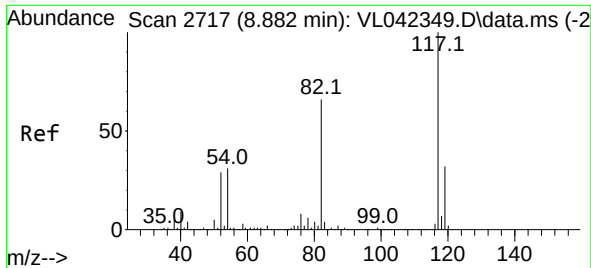
Reviewed By :Semsettin Yesilyurt 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#53
Toluene
Concen: 30.789 ppbv
RT: 6.933 min Scan# 2115
Delta R.T. 0.000 min
Lab File: VL042370.D
Acq: 17 Apr 2025 22:19

Tgt Ion: 91 Resp: 1320170
Ion Ratio Lower Upper
91 100
92 60.4 48.2 72.4





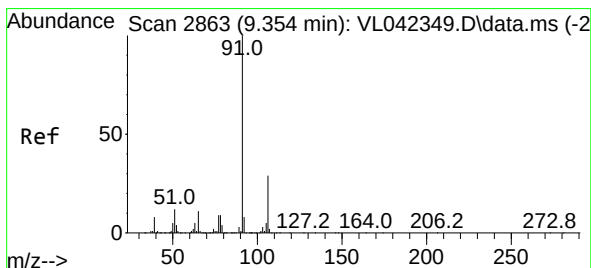
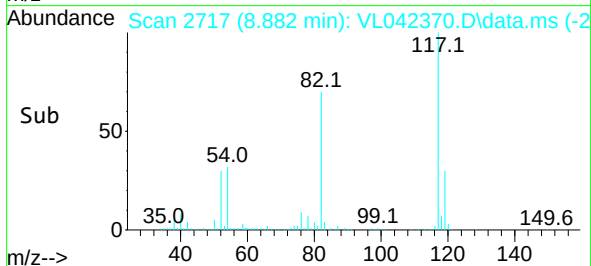
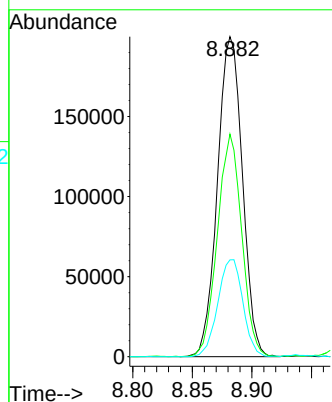
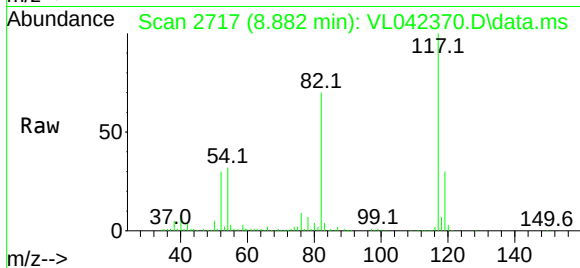
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.882 min Scan# 2717
Delta R.T. 0.000 min
Lab File: VL042370.D
Acq: 17 Apr 2025 22:19

Instrument :
MSVOA_L
ClientSampleId :
IA-B2-1-03312025

Tgt Ion:117 Resp: 291011
Ion Ratio Lower Upper
117 100
82 67.8 57.8 86.6
119 30.5 25.2 37.8

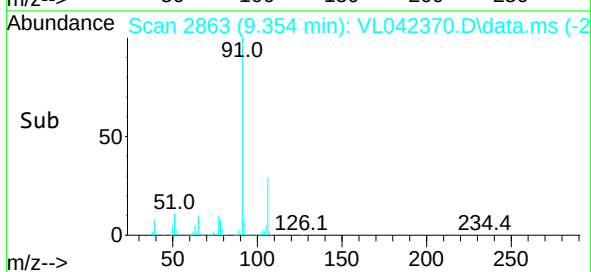
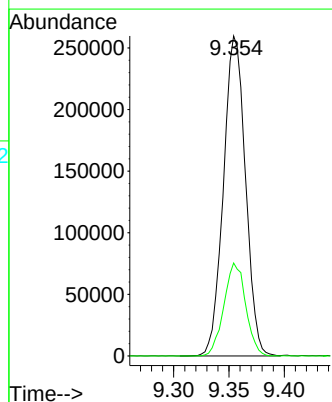
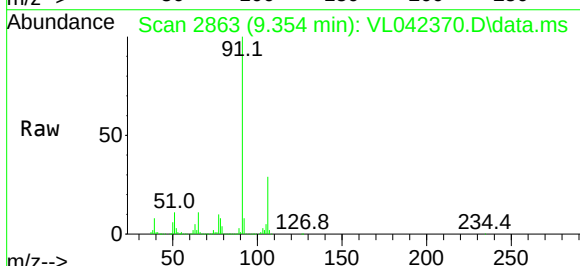
Manual Integrations
APPROVED

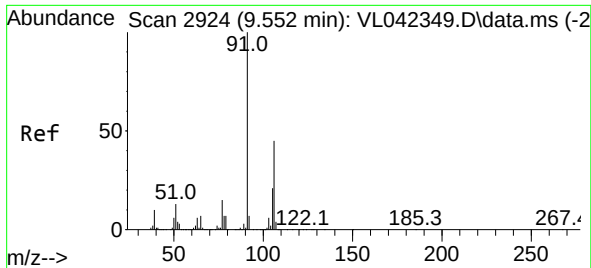
Reviewed By :Semsettin Yesilyurt 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#58
Ethyl Benzene
Concen: 6.245 ppbv
RT: 9.354 min Scan# 2863
Delta R.T. 0.000 min
Lab File: VL042370.D
Acq: 17 Apr 2025 22:19

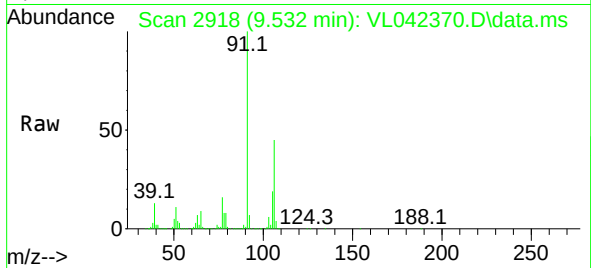
Tgt Ion: 91 Resp: 360069
Ion Ratio Lower Upper
91 100
106 29.1 23.0 34.4





#59
m/p-Xylene
Concen: 21.619 ppbv
RT: 9.532 min Scan# 2918
Delta R.T. -0.019 min
Lab File: VL042370.D
Acq: 17 Apr 2025 22:19

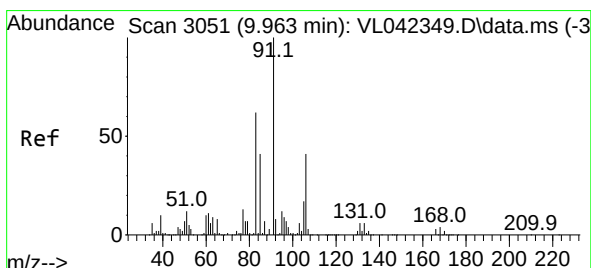
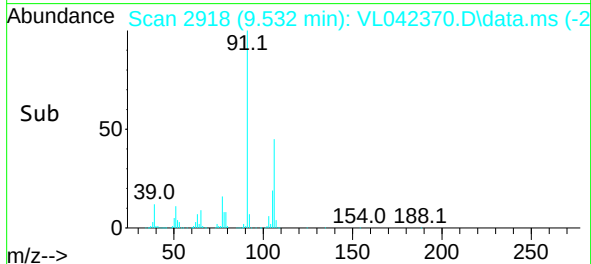
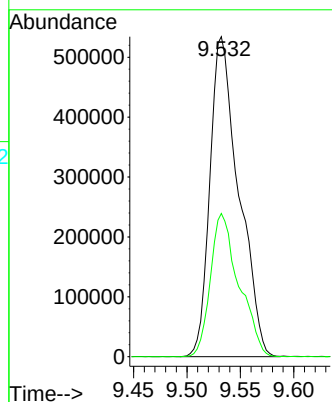
Instrument :
MSVOA_L
ClientSampleId :
IA-B2-1-03312025



Tgt Ion: 91 Resp: 100415
Ion Ratio Lower Upper
91 100
106 44.2 35.4 53.2

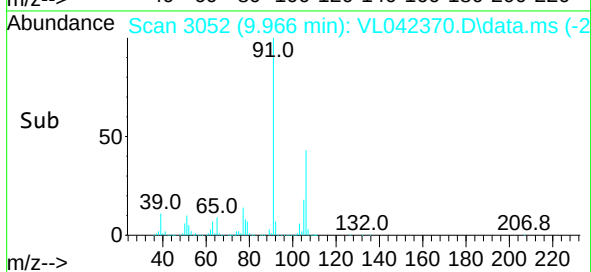
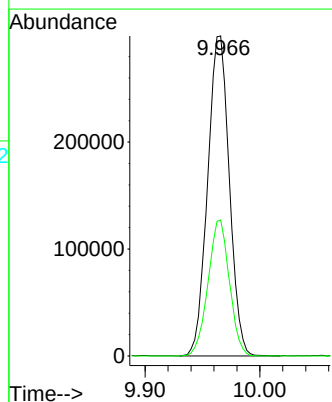
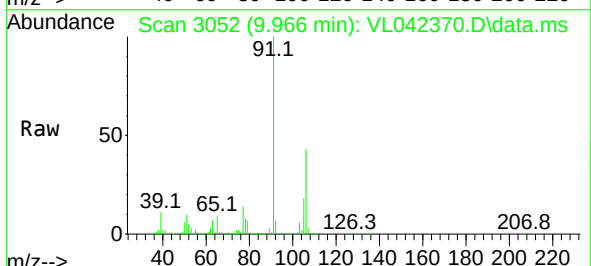
Manual Integrations
APPROVED

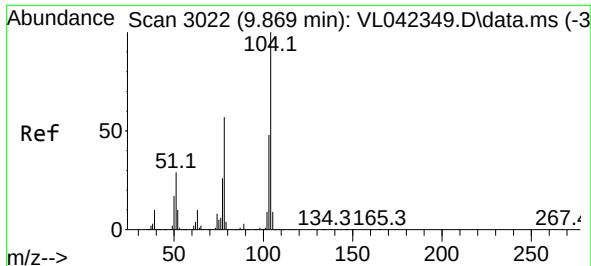
Reviewed By :Semsettin Yesilyurt 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#60
o-Xylene
Concen: 8.410 ppbv
RT: 9.966 min Scan# 3052
Delta R.T. 0.003 min
Lab File: VL042370.D
Acq: 17 Apr 2025 22:19

Tgt Ion: 91 Resp: 393388
Ion Ratio Lower Upper
91 100
106 41.9 21.1 63.4





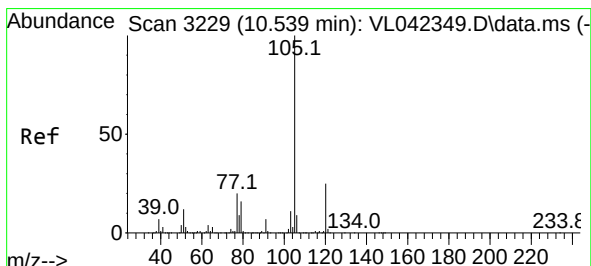
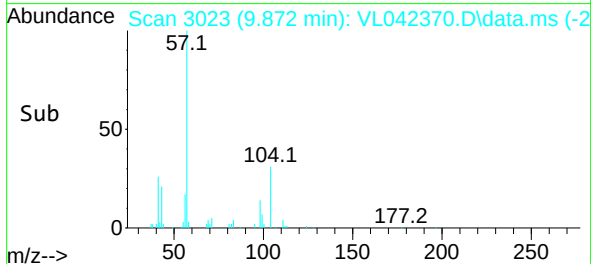
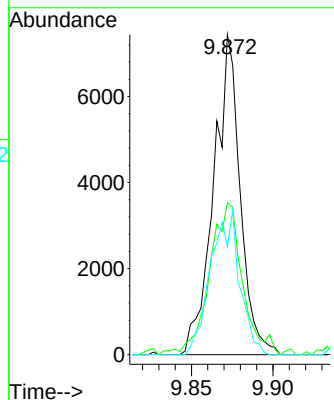
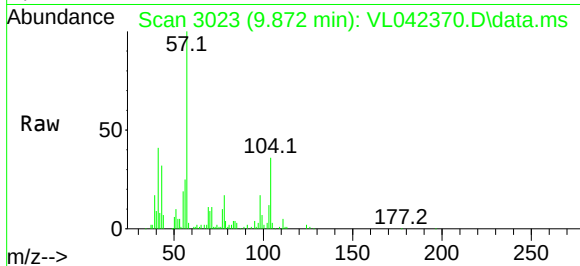
#61
Styrene
Concen: 0.376 ppbv
RT: 9.872 min Scan# 3022
Delta R.T. 0.003 min
Lab File: VL042370.D
Acq: 17 Apr 2025 22:19

Instrument :
MSVOA_L
ClientSampleId :
IA-B2-1-03312025

Tgt Ion:104 Resp: 839
Ion Ratio Lower Upper
104 100
78 60.3 44.6 66.8
103 49.1 37.4 56.0

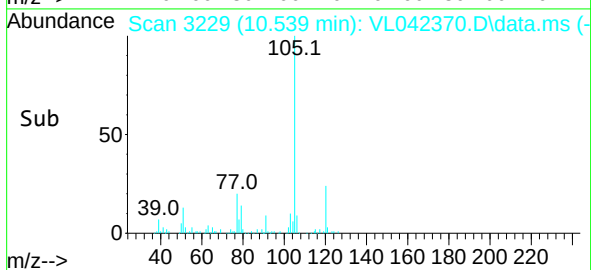
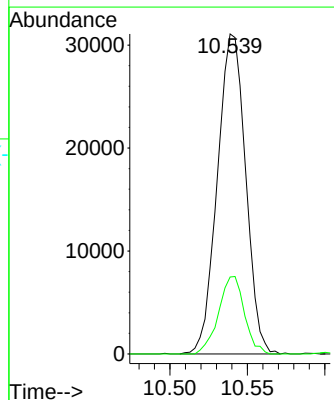
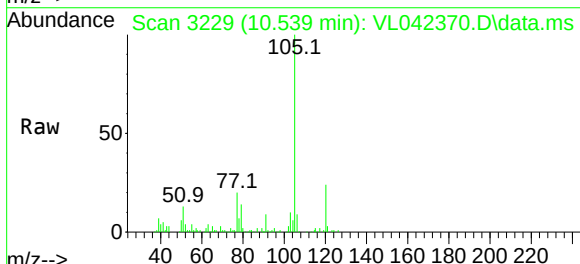
Manual Integrations
APPROVED

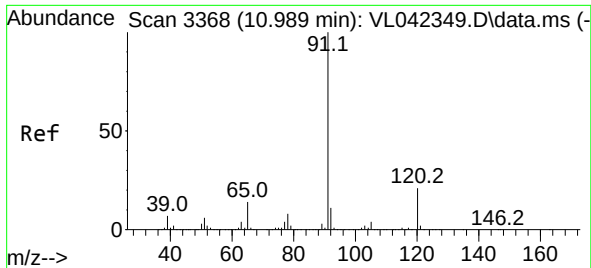
Reviewed By :Semsettin Yesilyurt 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#62
Isopropylbenzene
Concen: 0.575 ppbv
RT: 10.539 min Scan# 3229
Delta R.T. 0.000 min
Lab File: VL042370.D
Acq: 17 Apr 2025 22:19

Tgt Ion:105 Resp: 39493
Ion Ratio Lower Upper
105 100
120 22.1 19.8 29.8





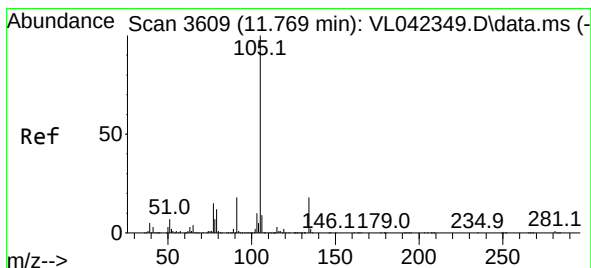
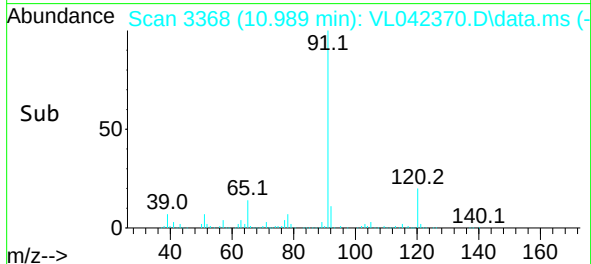
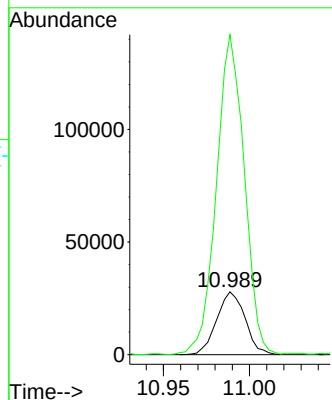
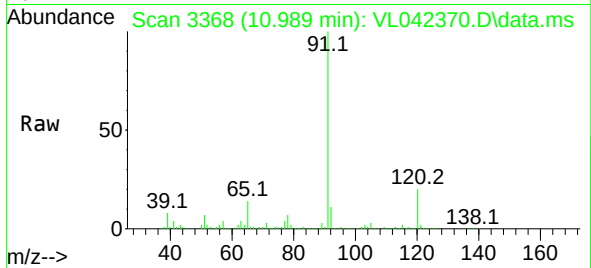
#64
n-propylbenzene
Concen: 1.858 ppbv
RT: 10.989 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL042370.D
Acq: 17 Apr 2025 22:19

Instrument :
MSVOA_L
ClientSampleId :
IA-B2-1-03312025

Tgt Ion:120 Resp: 3207
Ion Ratio Lower Upper
120 100
91 500.9 392.4 588.6

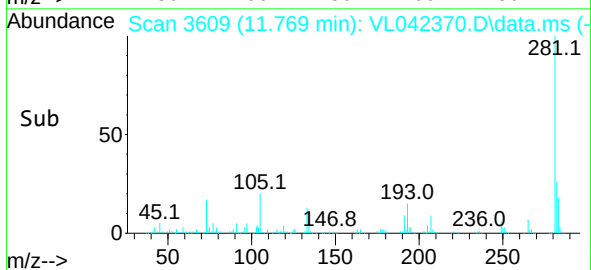
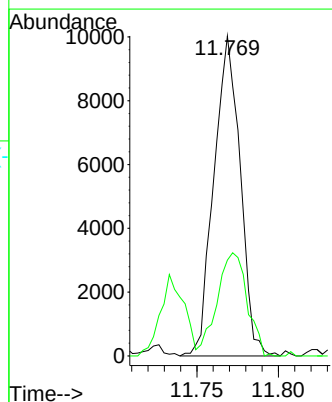
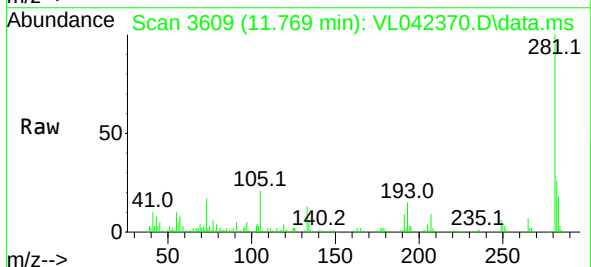
Manual Integrations
APPROVED

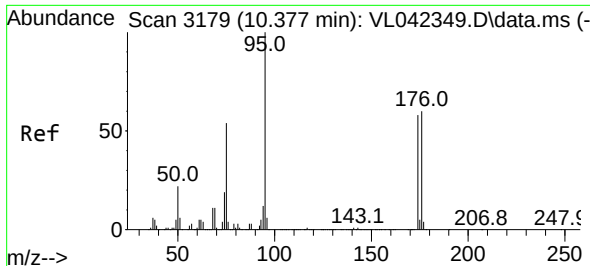
Reviewed By :Semsettin Yesilyurt 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#67
sec-Butylbenzene
Concen: 0.128 ppbv
RT: 11.769 min Scan# 3609
Delta R.T. 0.000 min
Lab File: VL042370.D
Acq: 17 Apr 2025 22:19

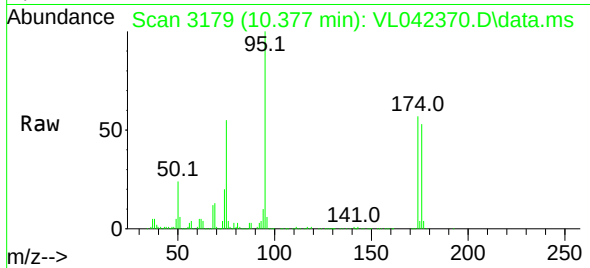
Tgt Ion:105 Resp: 11229
Ion Ratio Lower Upper
105 100
134 35.1 14.6 21.8#





#68
1-Bromo-4-Fluorobenzene
Concen: 9.966 ppbv
RT: 10.377 min Scan# 3179
Delta R.T. 0.000 min
Lab File: VL042370.D
Acq: 17 Apr 2025 22:19

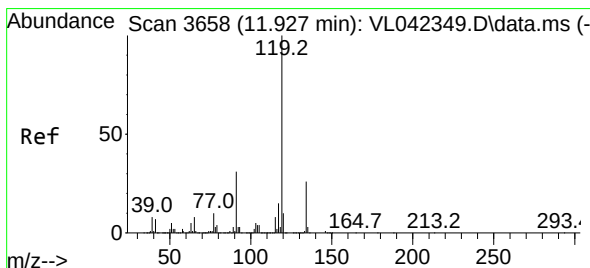
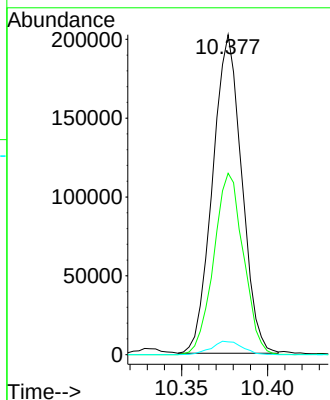
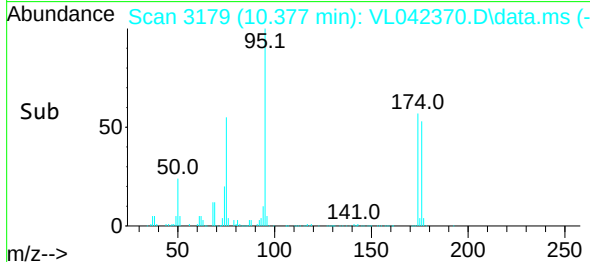
Instrument :
MSVOA_L
ClientSampleId :
IA-B2-1-03312025



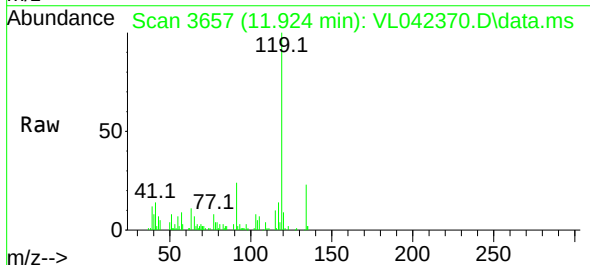
Tgt Ion: 95 Resp: 23832
Ion Ratio Lower Upper
95 100
174 58.0 48.5 72.7
175 4.5 3.7 5.5

Manual Integrations
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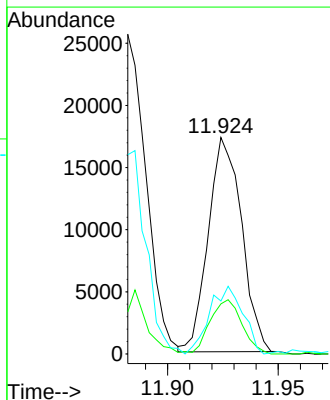
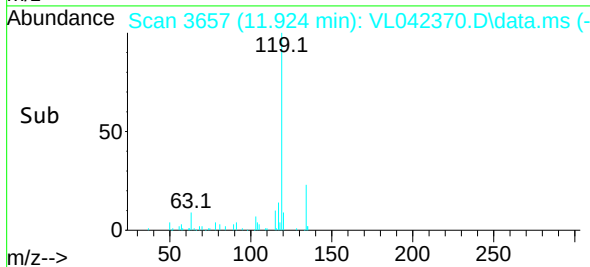
Reviewed By :Semsettin Yesilyurt 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025

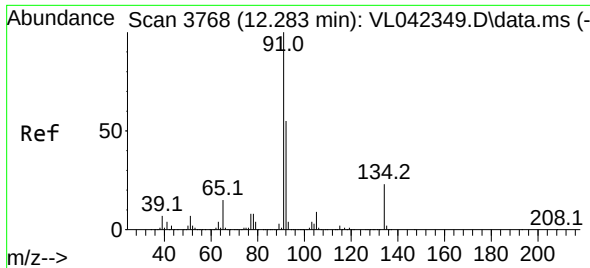


#69
p-Isopropyltoluene
Concen: 0.237 ppbv
RT: 11.924 min Scan# 3657
Delta R.T. -0.003 min
Lab File: VL042370.D
Acq: 17 Apr 2025 22:19



Tgt Ion:119 Resp: 18095
Ion Ratio Lower Upper
119 100
134 24.6 20.0 30.0
91 31.1 24.4 36.6





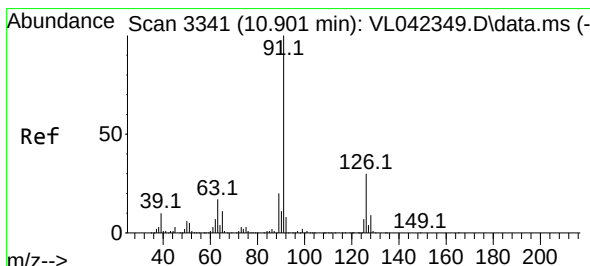
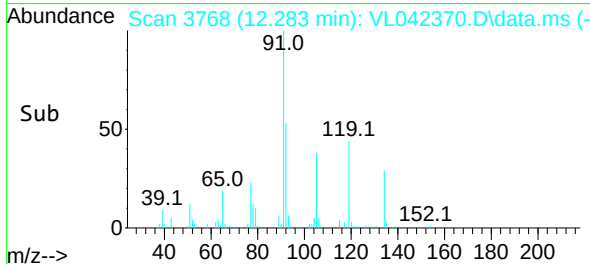
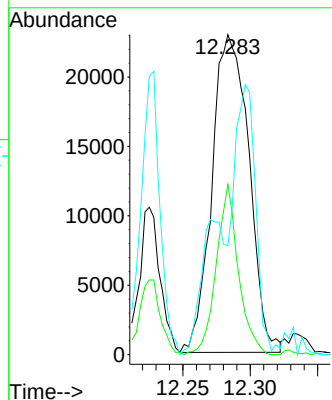
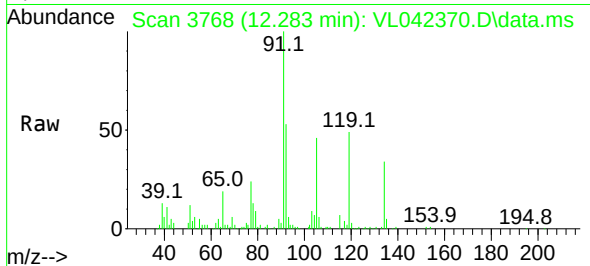
#70
n-Butylbenzene
Concen: 0.548 ppbv
RT: 12.283 min Scan# 3768
Delta R.T. 0.000 min
Lab File: VL042370.D
Acq: 17 Apr 2025 22:19

Instrument :
MSVOA_L
ClientSampleId :
IA-B2-1-03312025

Tgt Ion: 91 Resp: 4352
Ion Ratio Lower Upper
91 100
92 32.2 44.2 66.4
134 81.0 18.2 27.4

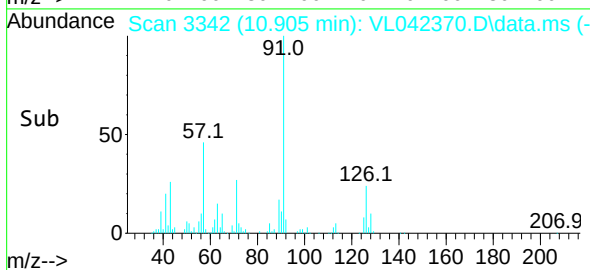
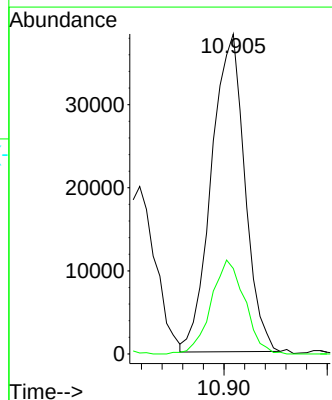
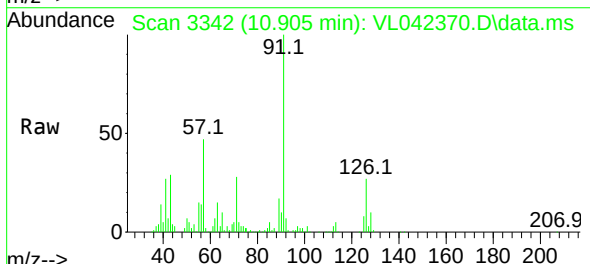
Manual Integrations
APPROVED

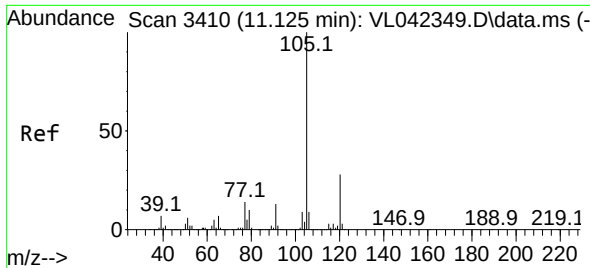
Reviewed By :Semsettin Yesilyurt 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#71
2-Chlorotoluene
Concen: 0.796 ppbv
RT: 10.905 min Scan# 3342
Delta R.T. 0.003 min
Lab File: VL042370.D
Acq: 17 Apr 2025 22:19

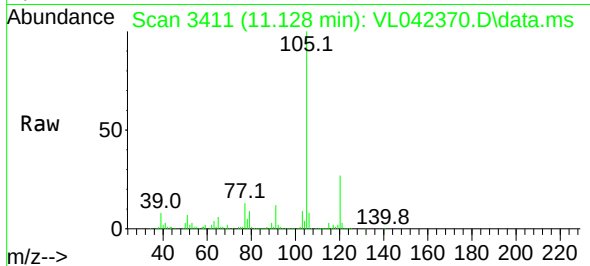
Tgt Ion: 91 Resp: 42867
Ion Ratio Lower Upper
91 100
126 29.9 11.4 45.4





#72
4-Ethyltoluene
Concen: 3.128 ppbv
RT: 11.128 min Scan# 3410
Delta R.T. 0.003 min
Lab File: VL042370.D
Acq: 17 Apr 2025 22:19

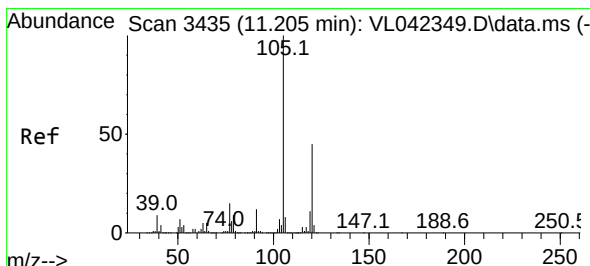
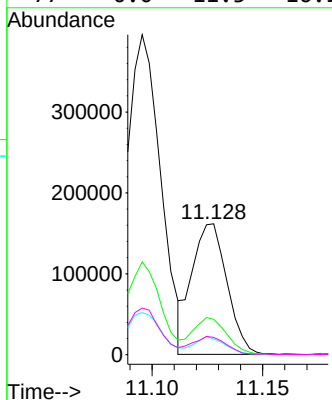
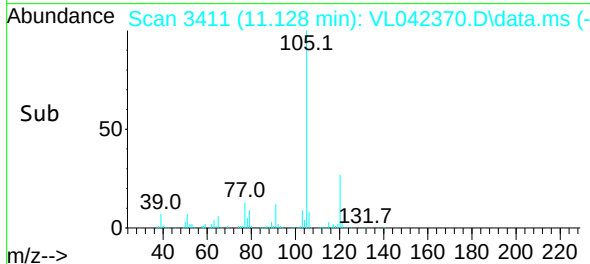
Instrument :
MSVOA_L
ClientSampleId :
IA-B2-1-03312025



Tgt Ion:105 Resp: 178872
Ion Ratio Lower Upper
105 100
120 0.0 23.2 34.8
91 0.0 10.4 15.6
77 0.0 11.3 16.9#

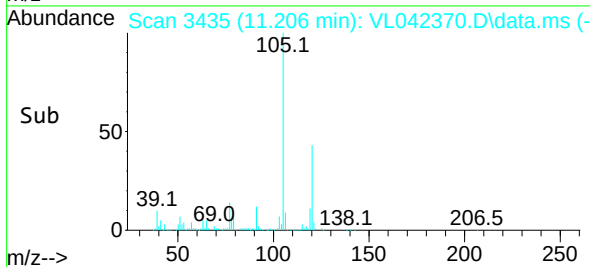
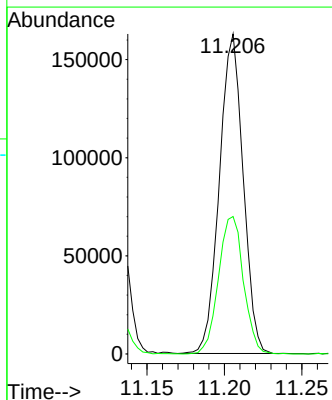
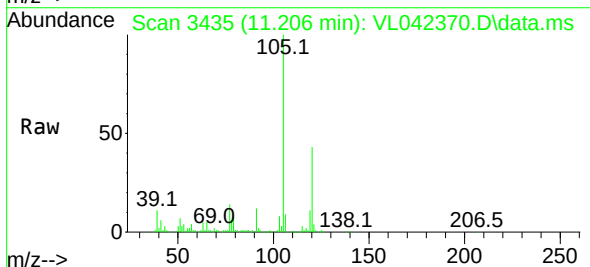
Manual Integrations
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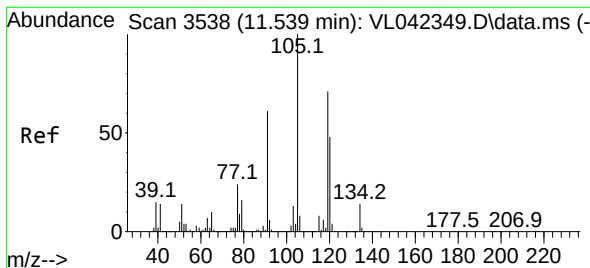
Reviewed By :Semsettin Yesilyurt 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#73
1,3,5-Trimethylbenzene
Concen: 3.443 ppbv
RT: 11.206 min Scan# 3435
Delta R.T. 0.000 min
Lab File: VL042370.D
Acq: 17 Apr 2025 22:19

Tgt Ion:105 Resp: 173796
Ion Ratio Lower Upper
105 100
120 43.0 35.6 53.4





#74

1,2,4-Trimethylbenzene

Concen: 9.336 ppbv

RT: 11.536 min Scan# 3538

Delta R.T. -0.003 min

Lab File: VL042370.D

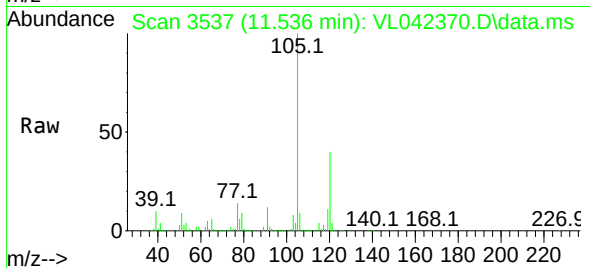
Acq: 17 Apr 2025 22:19

Instrument :

MSVOA_L

ClientSampleId :

IA-B2-1-03312025



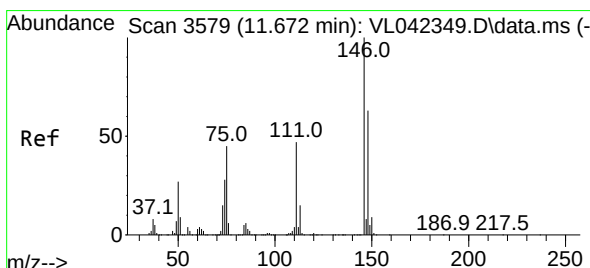
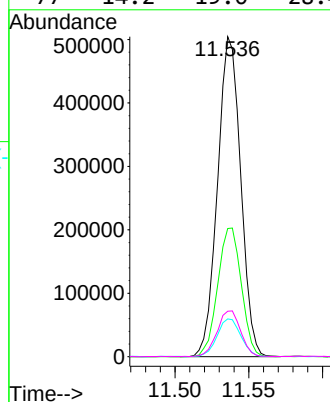
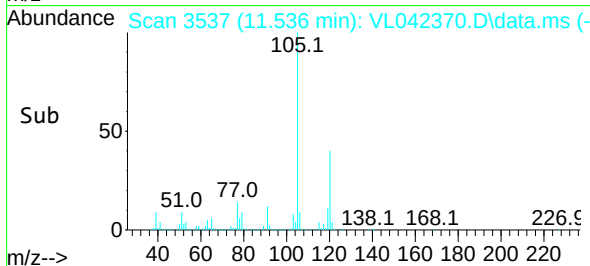
Tgt Ion	105	120	91	77
Ratio	100	40.1	11.7	14.2
Lower		38.1	48.8	19.0
Upper		57.1	73.2	28.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/18/2025

Supervised By :Mahesh Dadoda 04/18/2025



#76

1,4-Dichlorobenzene

Concen: 0.149 ppbv

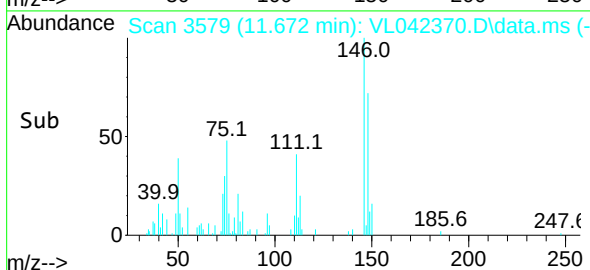
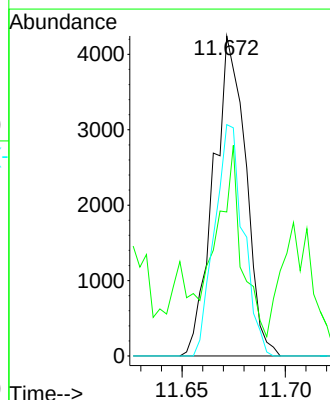
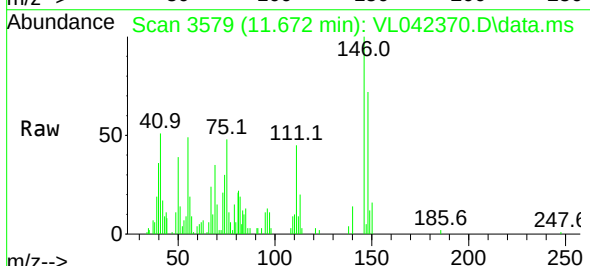
RT: 11.672 min Scan# 3579

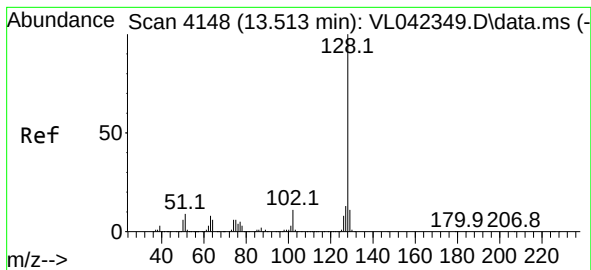
Delta R.T. 0.000 min

Lab File: VL042370.D

Acq: 17 Apr 2025 22:19

Tgt Ion	146	111	148
Ratio	100	68.4	65.0
Lower		24.2	32.1
Upper		72.6	96.5





#79

Naphthalene

Concen: 0.364 ppbv

RT: 13.513 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL042370.D

Acq: 17 Apr 2025 22:19

Instrument :

MSVOA_L

ClientSampleId :

IA-B2-1-03312025

Tgt Ion:	128	Resp:	25684
Ion Ratio	Lower	Upper	
128	100		
127	14.7	10.6	15.8
129	11.7	8.6	12.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025

