

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041725\
 Data File : VL042371.D
 Acq On : 17 Apr 2025 22:52
 Operator : SY/MD
 Sample : Q1726-06
 Misc : 400mL/MSVOA_L
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-B2-3-03312025

Manual Integrations
 APPROVED

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

Quant Time: Apr 18 02:45:58 2025

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

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2025

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	113154	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.959	114	322735	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.882	117	284478	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.377	95	237949	10.179	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.800%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.499	85	9517	0.476	ppbv	98
3) Chlorodifluoromethane	1.473	51	5944m	0.312	ppbv	
4) Chloromethane	1.534	50	9764	1.234	ppbv	98
9) Propene	1.489	41	26287m	3.032	ppbv	
10) Heptane	4.981	43	82673	3.394	ppbv	99
11) Trichlorofluoromethane	1.874	101	4499	0.237	ppbv #	83
13) Ethanol	1.722	45	429340	311.565	ppbv	75
15) Acetone	1.835	43	3062508	165.330	ppbv #	44
17) tert-Butyl alcohol	2.043	59	15845m	0.690	ppbv	
19) Isopropyl Alcohol	1.887	45	355287	34.527	ppbv #	33
20) Methylene Chloride	2.062	84	22966	3.166	ppbv	89
26) Hexane	2.826	57	65232	3.529	ppbv #	37
29) Chloroform	2.852	83	3991	0.153	ppbv	86
30) Cyclohexane	3.855	84	16571	1.109	ppbv #	84
34) 2-Butanone	2.560	43	54027	2.117	ppbv	99
35) Carbon Tetrachloride	3.764	117	2319	0.079	ppbv	84
36) Benzene	3.661	78	36905	1.060	ppbv	96
41) Tetrahydrofuran	3.065	42	5385m	0.362	ppbv	
44) 2,2,4-Trimethylpentane	4.645	57	567345	9.437	ppbv	95
52) Tetrachloroethene	8.228	164	1944m	0.144	ppbv	
53) Toluene	6.936	91	931135	22.290	ppbv	99
58) Ethyl Benzene	9.357	91	239708	4.253	ppbv	98
59) m/p-Xylene	9.532	91	678219	14.937	ppbv	100
60) o-Xylene	9.966	91	265965	5.817	ppbv	99
61) Styrene	9.872	104	8564	0.392	ppbv	95
62) Isopropylbenzene	10.539	105	26216	0.391	ppbv	99
64) n-propylbenzene	10.992	120	21875	1.296	ppbv	95
69) p-Isopropyltoluene	11.927	119	23201	0.311	ppbv	94
70) n-Butylbenzene	12.283	91	33438m	0.431	ppbv	
71) 2-Chlorotoluene	10.901	91	44364	0.843	ppbv	96
72) 4-Ethyltoluene	11.125	105	117824	2.108	ppbv #	56
73) 1,3,5-Trimethylbenzene	11.205	105	128254	2.599	ppbv	99
74) 1,2,4-Trimethylbenzene	11.536	105	415758	7.213	ppbv #	63
76) 1,4-Dichlorobenzene	11.675	146	6136	0.204	ppbv	82
79) Naphthalene	13.516	128	31283	0.454	ppbv #	95
80) Naphthalene,2-methyl-	14.461	142	5013	0.128	ppbv #	88

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

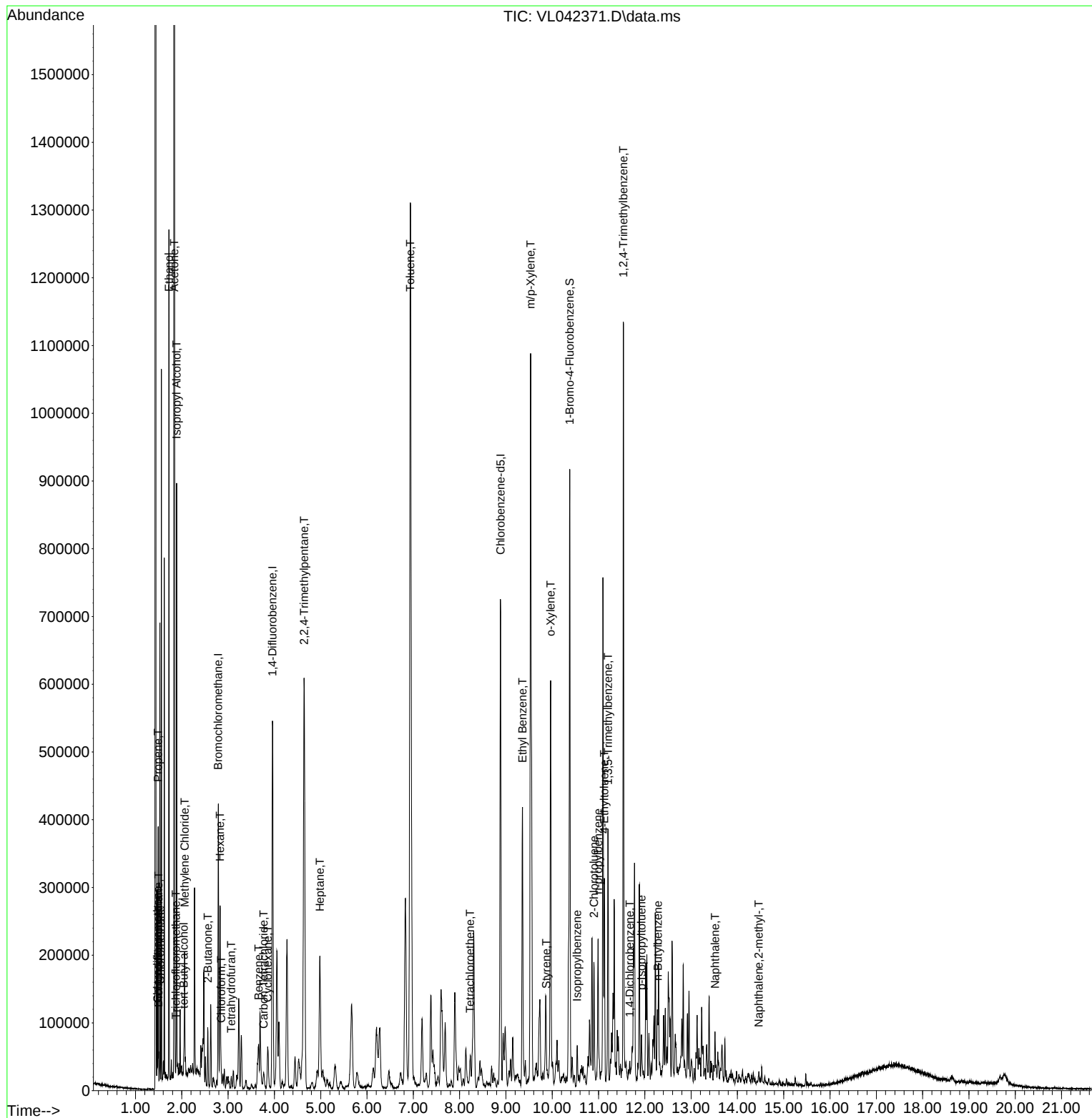
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041725\
Data File : VL042371.D
Acq On : 17 Apr 2025 22:52
Operator : SY/MD
Sample : Q1726-06
Misc : 400mL/MSVOA_L
ALS Vial : 6 Sample Multiplier: 1

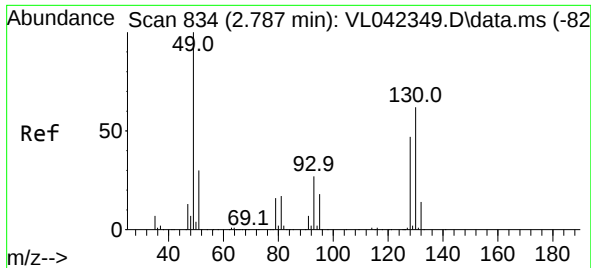
Instrument :
MSVOA_L
ClientSampleId :
IA-B2-3-03312025

Quant Time: Apr 18 02:45:58 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

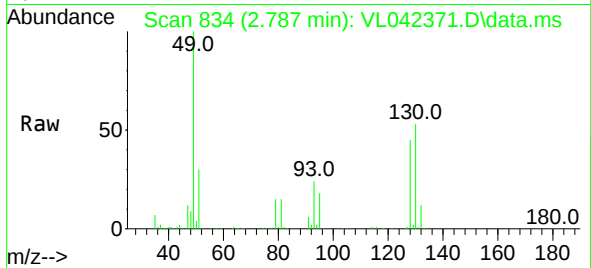
Reviewed By : Semsettin Yesilyurt 04/18/2025
Supervised By : Mahesh Dadoda 04/18/2025





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.787 min Scan# 81
Delta R.T. -0.000 min
Lab File: VL042371.D
Acq: 17 Apr 2025 22:52

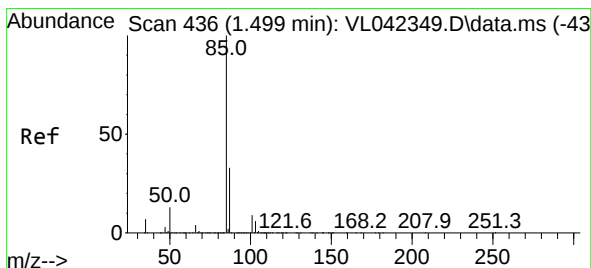
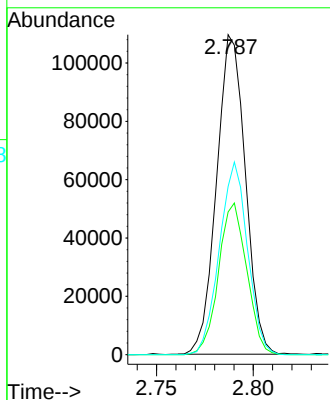
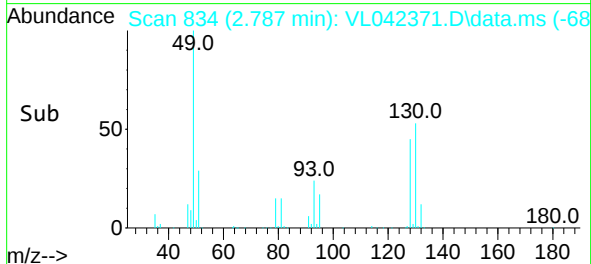
Instrument :
MSVOA_L
ClientSampleId :
IA-B2-3-03312025



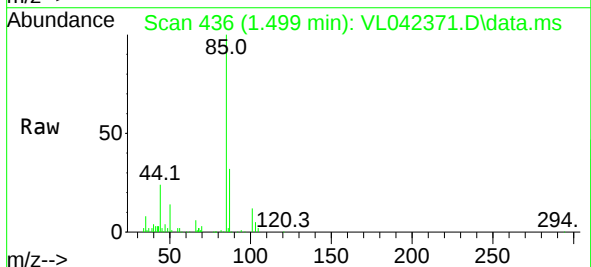
Tgt Ion: 49 Resp: 113154
Ion Ratio Lower Upper
49 100
128 46.5 22.8 68.4
130 59.1 29.3 88.0

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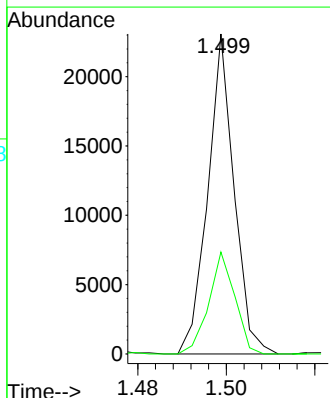
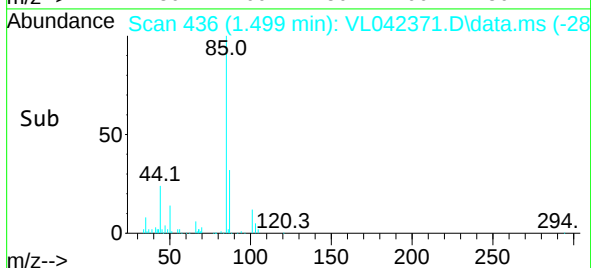
Reviewed By :Semsettin Yesilyurt 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025

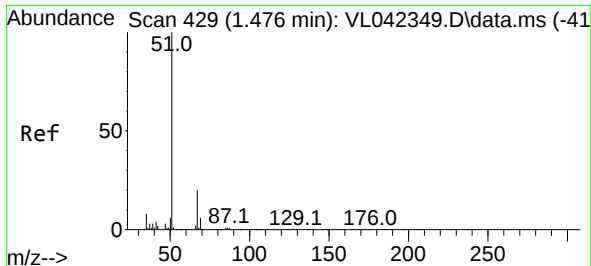


#2
Dichlorodifluoromethane
Concen: 0.476 ppbv
RT: 1.499 min Scan# 436
Delta R.T. 0.000 min
Lab File: VL042371.D
Acq: 17 Apr 2025 22:52



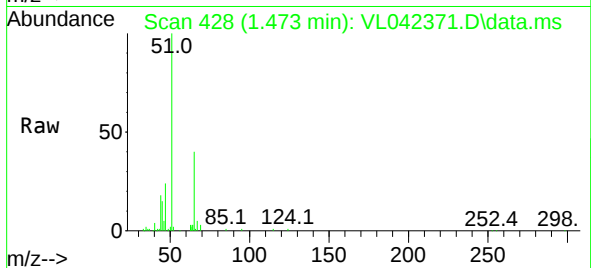
Tgt Ion: 85 Resp: 9517
Ion Ratio Lower Upper
85 100
87 31.9 26.6 39.8





#3
Chlorodifluoromethane
Concen: 0.312 ppbv m
RT: 1.473 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL042371.D
Acq: 17 Apr 2025 22:52

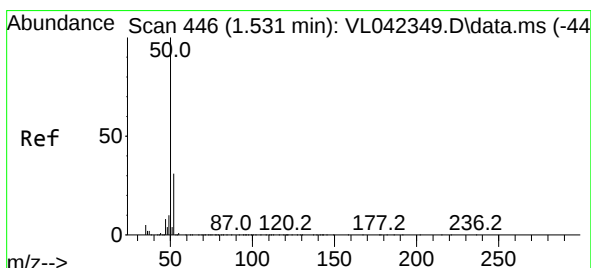
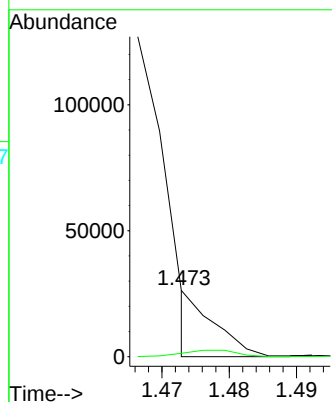
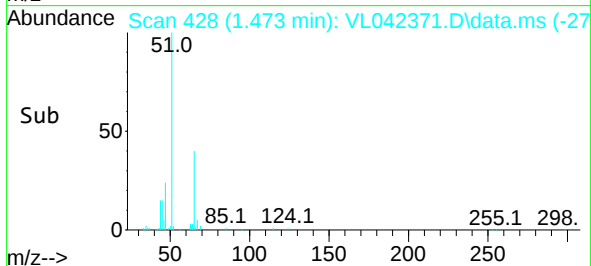
Instrument :
MSVOA_L
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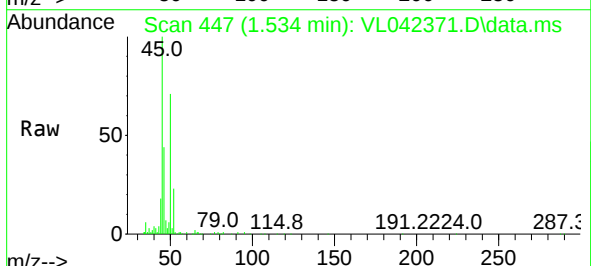
Tgt Ion: 51 Resp: 5944
Ion Ratio Lower Upper
51 100
67 30.9 16.2 24.4

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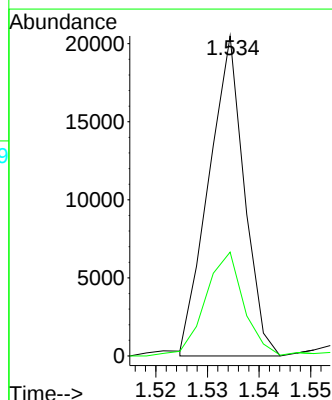
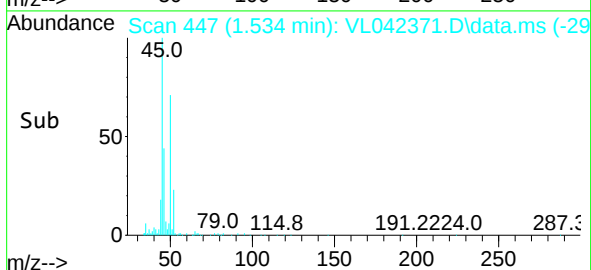
Reviewed By :Semsettin Yesilyurt 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025

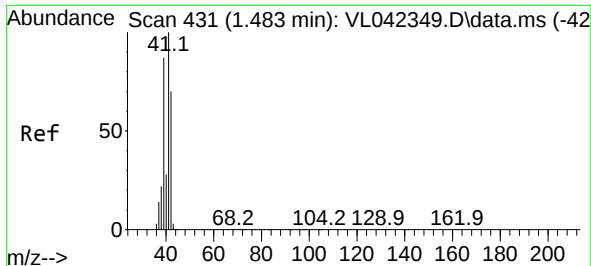


#4
Chloromethane
Concen: 1.234 ppbv
RT: 1.534 min Scan# 447
Delta R.T. 0.003 min
Lab File: VL042371.D
Acq: 17 Apr 2025 22:52



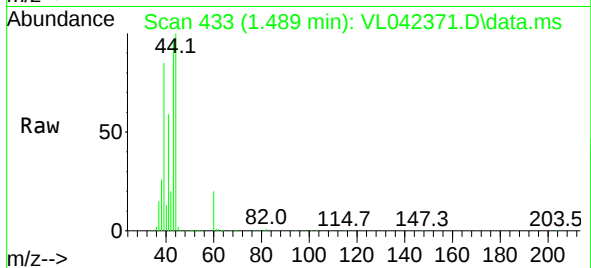
Tgt Ion: 50 Resp: 9764
Ion Ratio Lower Upper
50 100
52 32.2 24.7 37.1





#9
 Propene
 Concen: 3.032 ppbv m
 RT: 1.489 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VL042371.D
 Acq: 17 Apr 2025 22:52

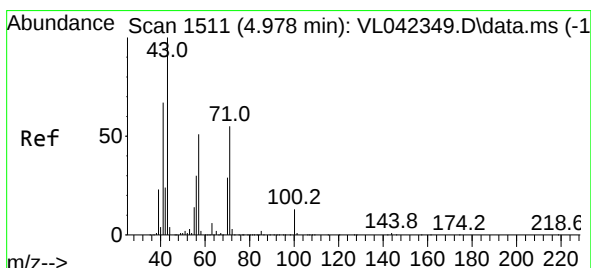
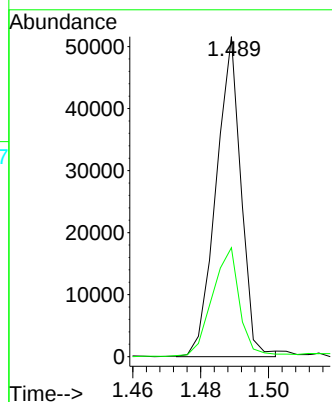
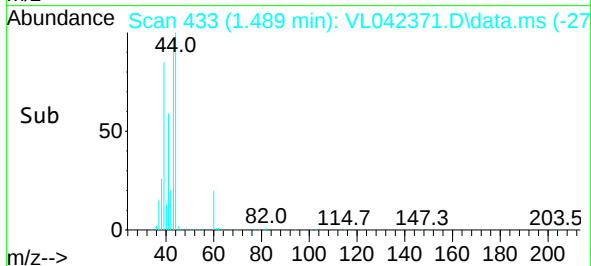
Instrument :
 MSVOA_L
 ClientSampleId :
 IA-B2-3-03312025



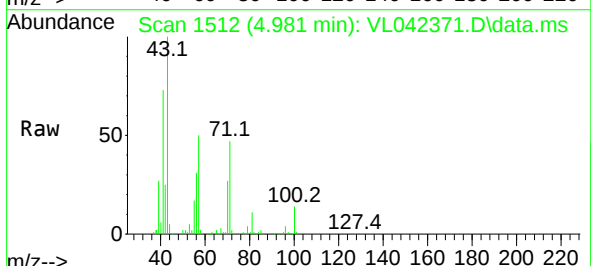
Tgt Ion: 41 Resp: 2628
 Ion Ratio Lower Upper
 41 100
 42 281.2 56.2 84.4

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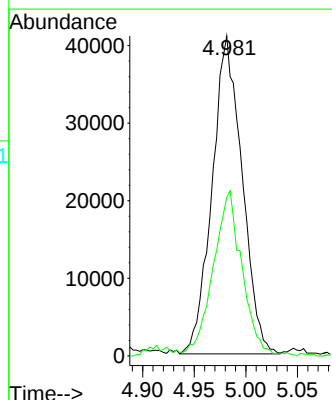
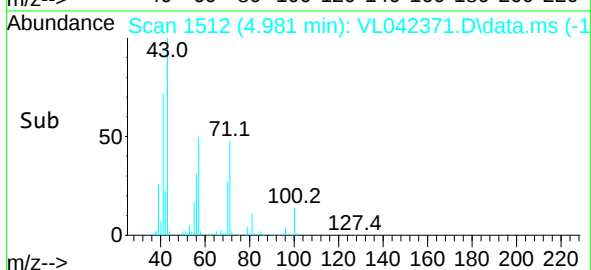
Reviewed By :Semsettin Yesilyurt 04/18/2025
 Supervised By :Mahesh Dadoda 04/18/2025

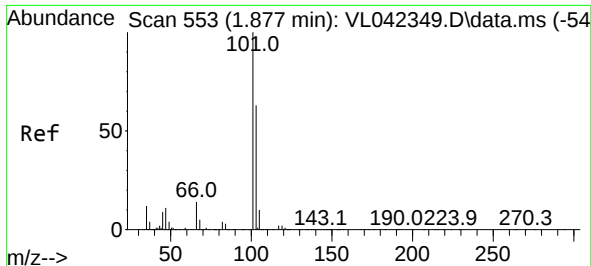


#10
 Heptane
 Concen: 3.394 ppbv
 RT: 4.981 min Scan# 1512
 Delta R.T. 0.003 min
 Lab File: VL042371.D
 Acq: 17 Apr 2025 22:52



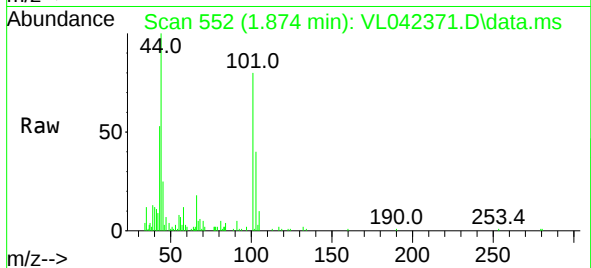
Tgt Ion: 43 Resp: 82673
 Ion Ratio Lower Upper
 43 100
 57 50.3 39.9 59.9





#11
Trichlorofluoromethane
Concen: 0.237 ppbv
RT: 1.874 min Scan# 505
Delta R.T. -0.003 min
Lab File: VL042371.D
Acq: 17 Apr 2025 22:52

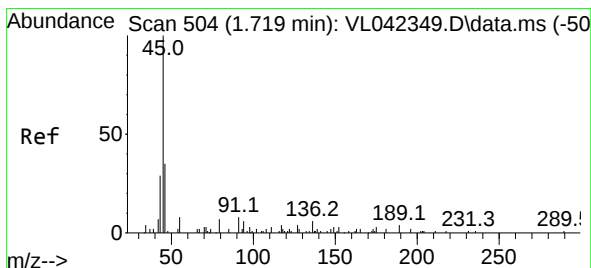
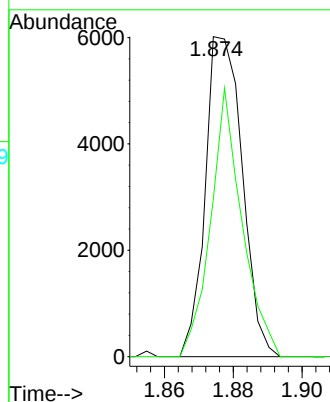
Instrument :
MSVOA_L
ClientSampleId :
IA-B2-3-03312025



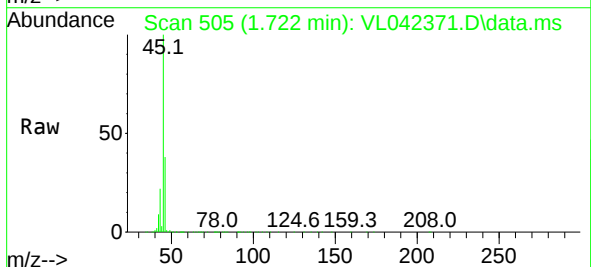
Tgt Ion:101 Resp: 4499
Ion Ratio Lower Upper
101 100
103 49.2 50.1 75.1

Manual Integrations
APPROVED

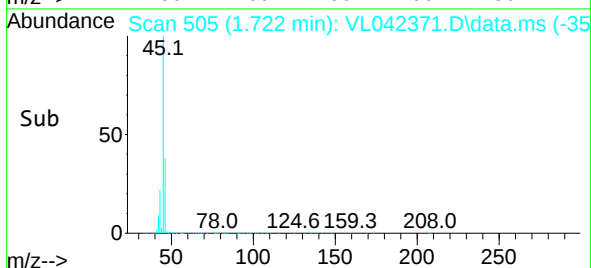
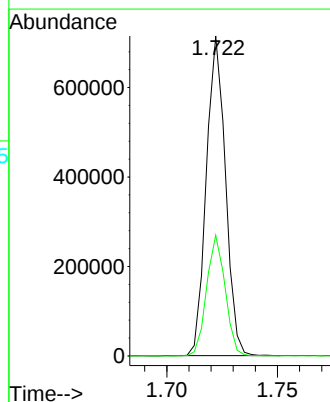
Reviewed By :Semsettin Yesilyurt 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025

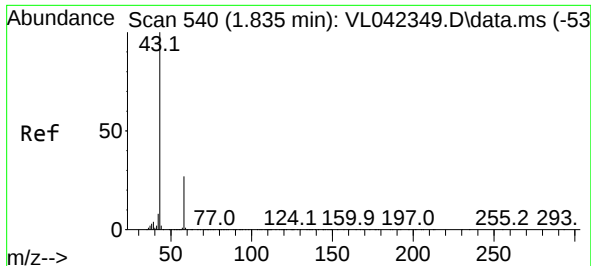


#13
Ethanol
Concen: 311.565 ppbv
RT: 1.722 min Scan# 505
Delta R.T. 0.003 min
Lab File: VL042371.D
Acq: 17 Apr 2025 22:52



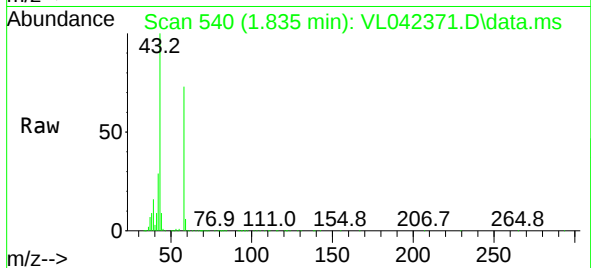
Tgt Ion: 45 Resp: 429340
Ion Ratio Lower Upper
45 100
46 36.8 21.9 87.7





#15
Acetone
Concen: 165.330 ppbv
RT: 1.835 min Scan# 540
Delta R.T. -0.000 min
Lab File: VL042371.D
Acq: 17 Apr 2025 22:52

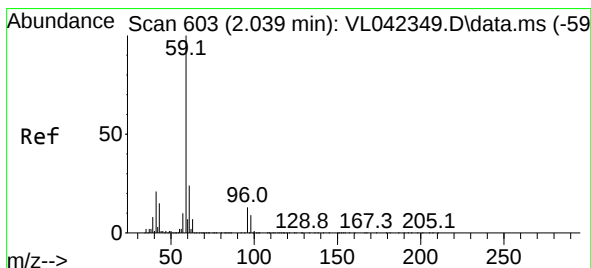
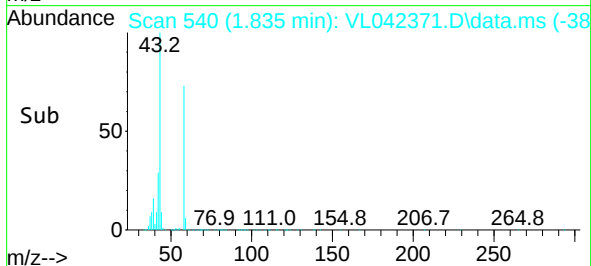
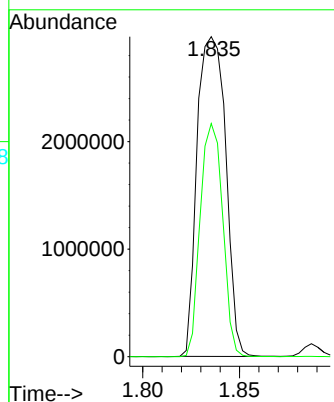
Instrument :
MSVOA_L
ClientSampleId :
IA-B2-3-03312025



Tgt Ion: 43 Resp: 3062508
Ion Ratio Lower Upper
43 100
58 57.3 22.4 33.6

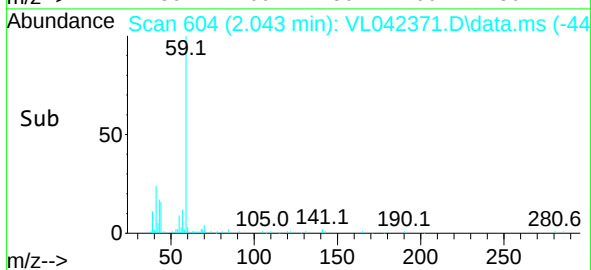
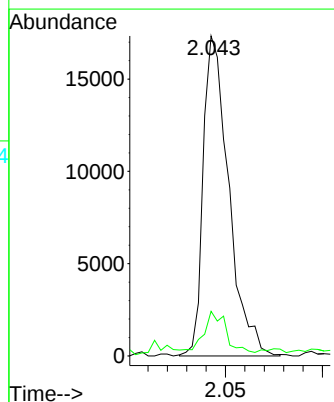
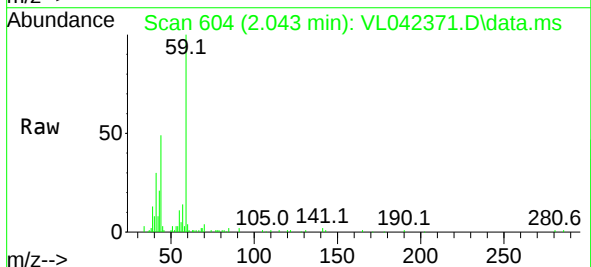
Manual Integrations
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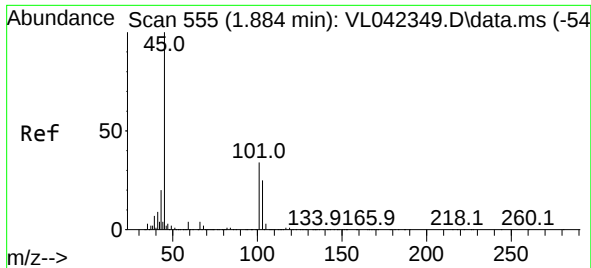
Reviewed By :Semsettin Yesilyurt 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#17
tert-Butyl alcohol
Concen: 0.690 ppbv m
RT: 2.043 min Scan# 604
Delta R.T. 0.003 min
Lab File: VL042371.D
Acq: 17 Apr 2025 22:52

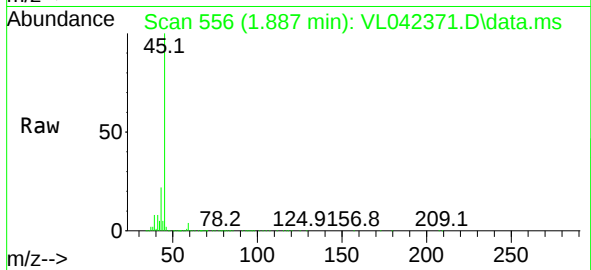
Tgt Ion: 59 Resp: 15845
Ion Ratio Lower Upper
59 100
57 38.3 8.7 13.1#





#19
Isopropyl Alcohol
Concen: 34.527 ppbv
RT: 1.887 min Scan# 51
Delta R.T. 0.003 min
Lab File: VL042371.D
Acq: 17 Apr 2025 22:52

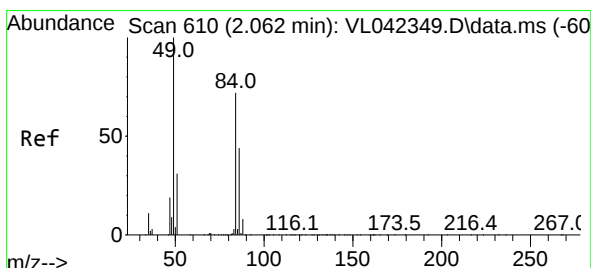
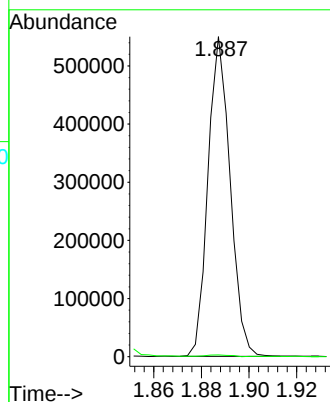
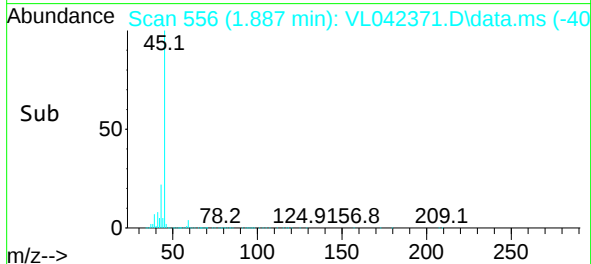
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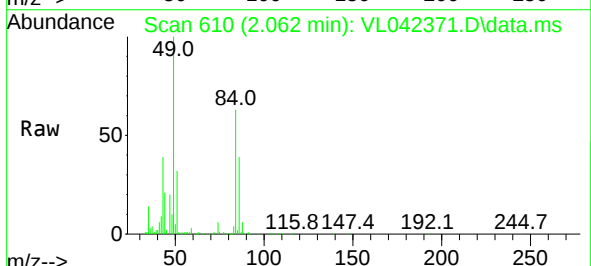
Tgt Ion: 45 Resp: 35528
Ion Ratio Lower Upper
45 100
58 0.0 34.5 51.7

Manual Integrations
APPROVED

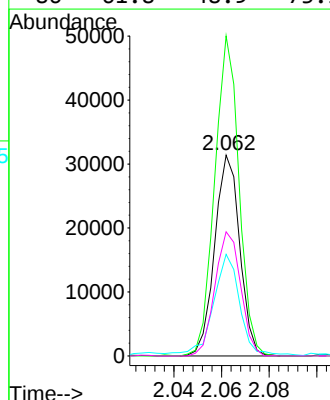
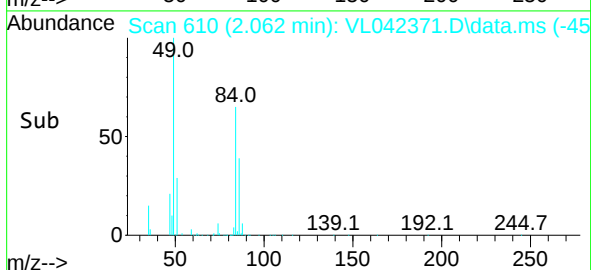
Reviewed By :Semsettin Yesilyurt 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025

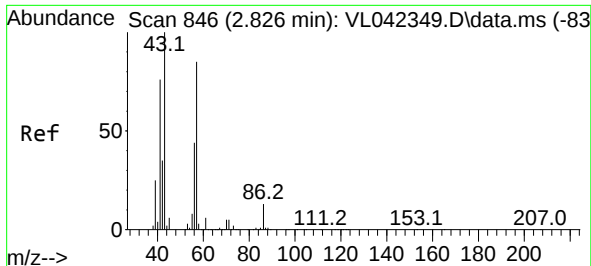


#20
Methylene Chloride
Concen: 3.166 ppbv
RT: 2.062 min Scan# 610
Delta R.T. -0.000 min
Lab File: VL042371.D
Acq: 17 Apr 2025 22:52



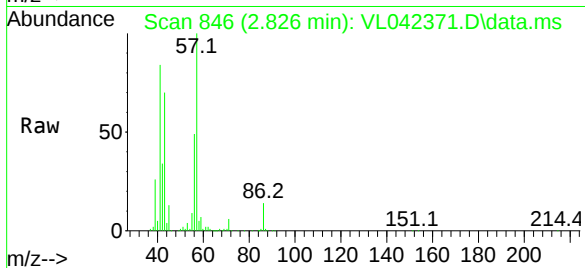
Tgt Ion: 84 Resp: 22966
Ion Ratio Lower Upper
84 100
49 159.3 111.6 167.4
51 49.6 35.1 52.7
86 61.8 48.9 73.3





#26
Hexane
Concen: 3.529 ppbv
RT: 2.826 min Scan# 846
Delta R.T. -0.000 min
Lab File: VL042371.D
Acq: 17 Apr 2025 22:52

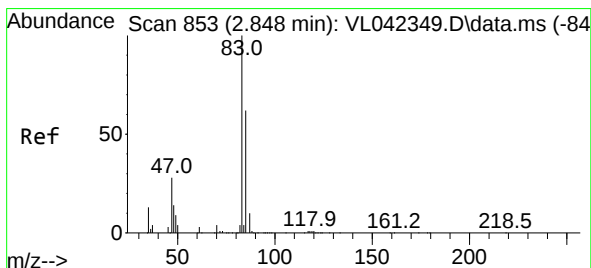
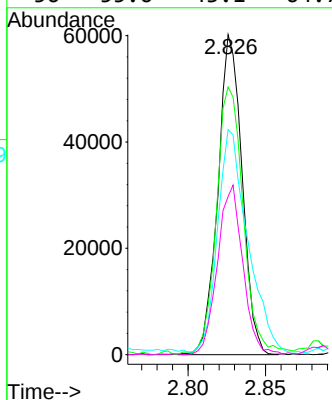
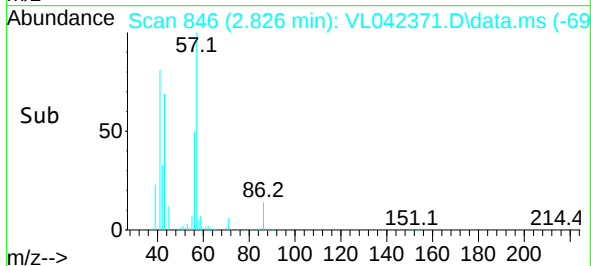
Instrument :
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Tgt Ion: 57 Resp: 6523
Ion Ratio Lower Upper
57 100
41 92.4 77.9 116.9
43 85.1 208.4 312.6
56 55.6 43.1 64.7

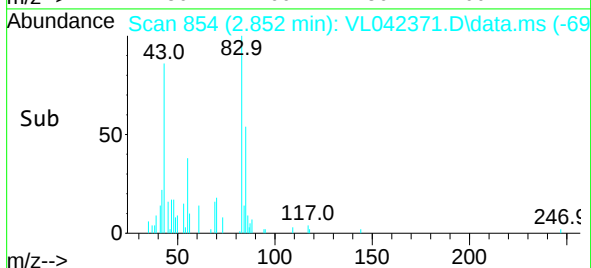
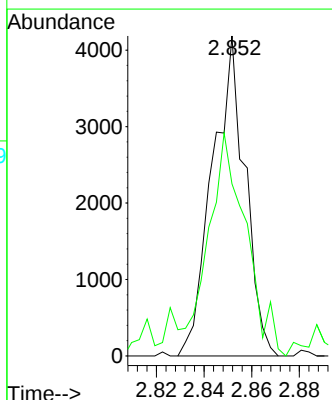
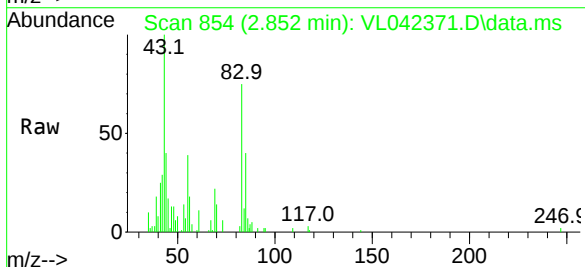
Manual Integrations
APPROVED

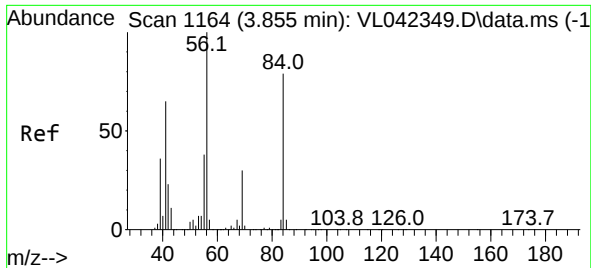
Reviewed By :Semsettin Yesilyurt 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#29
Chloroform
Concen: 0.153 ppbv
RT: 2.852 min Scan# 854
Delta R.T. 0.003 min
Lab File: VL042371.D
Acq: 17 Apr 2025 22:52

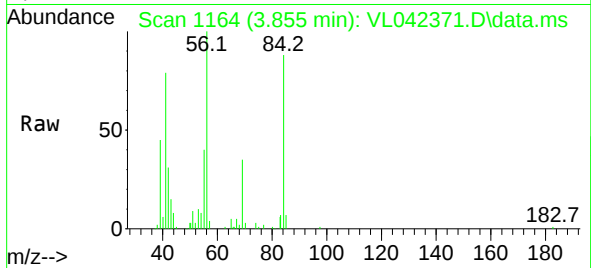
Tgt Ion: 83 Resp: 3991
Ion Ratio Lower Upper
83 100
85 51.6 50.0 75.0





#30
Cyclohexane
Concen: 1.109 ppbv
RT: 3.855 min Scan# 1164
Delta R.T. -0.000 min
Lab File: VL042371.D
Acq: 17 Apr 2025 22:52

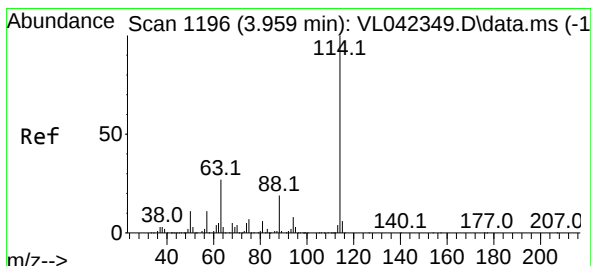
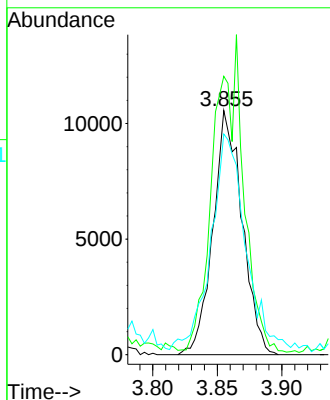
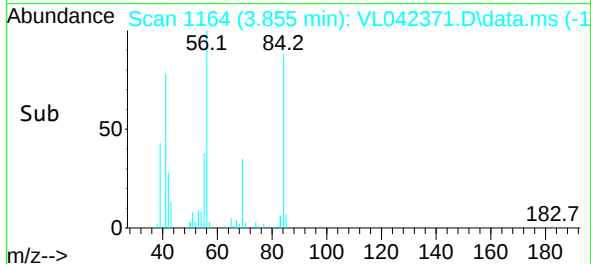
Instrument : MSVOA_L
ClientSampleId : IA-B2-3-03312025



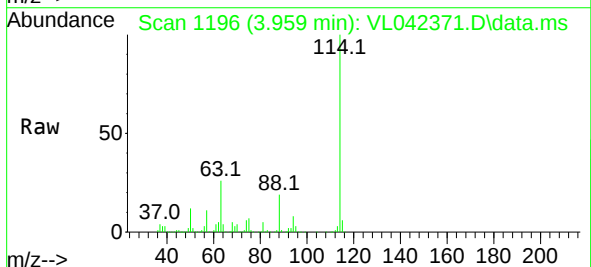
Tgt Ion: 84 Resp: 1657
Ion Ratio Lower Upper
84 100
56 136.5 101.0 151.4
41 109.0 67.4 101.0

Manual Integrations
APPROVED

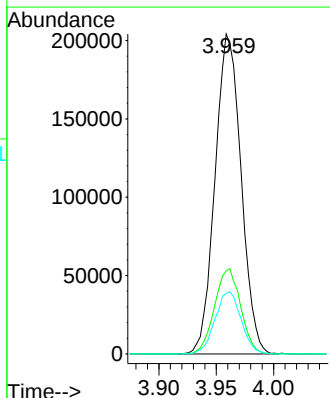
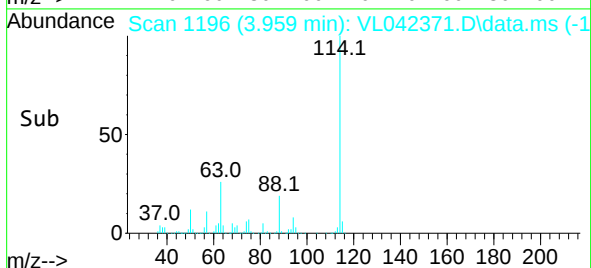
Reviewed By :Semsettin Yesilyurt 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025

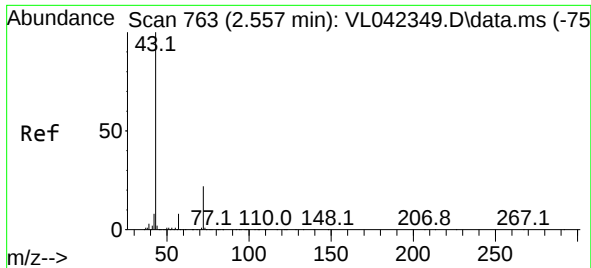


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.959 min Scan# 1196
Delta R.T. -0.000 min
Lab File: VL042371.D
Acq: 17 Apr 2025 22:52



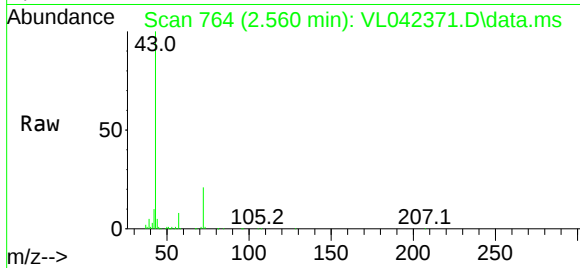
Tgt Ion:114 Resp: 322735
Ion Ratio Lower Upper
114 100
63 26.7 21.8 32.6
88 19.4 15.5 23.3





#34
2-Butanone
Concen: 2.117 ppbv
RT: 2.560 min Scan# 764
Delta R.T. 0.003 min
Lab File: VL042371.D
Acq: 17 Apr 2025 22:52

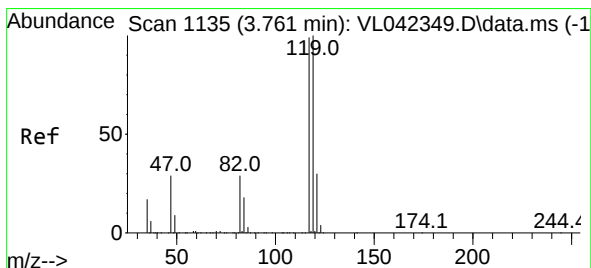
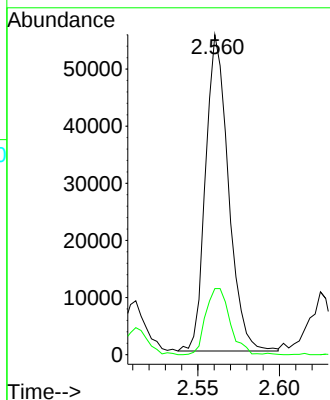
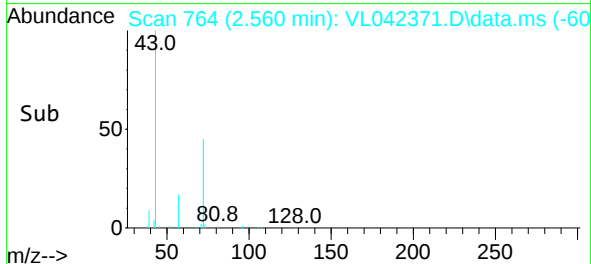
Instrument :
MSVOA_L
ClientSampleId :
IA-B2-3-03312025



Tgt Ion: 43 Resp: 5402
Ion Ratio Lower Upper
43 100
72 22.4 18.2 27.2

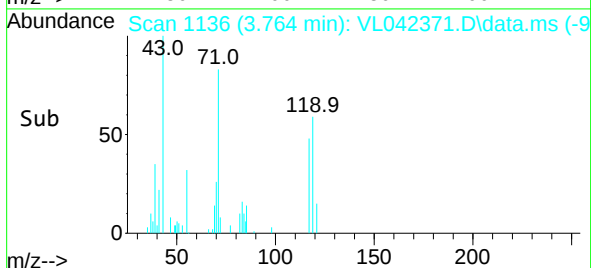
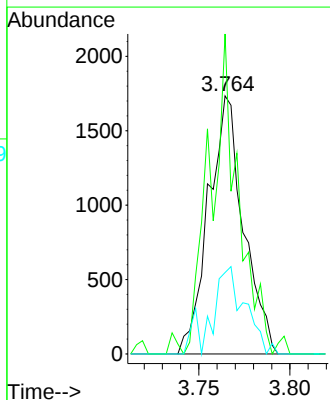
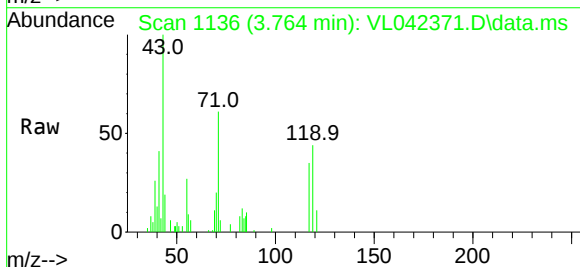
Manual Integrations
APPROVED

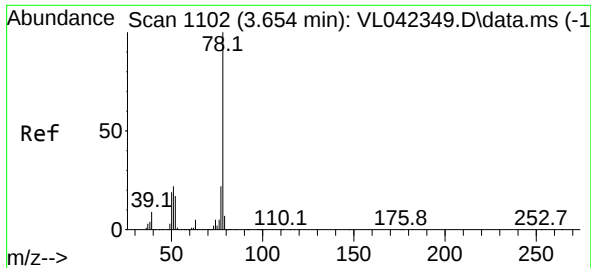
Reviewed By :Semsettin Yesilyurt 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#35
Carbon Tetrachloride
Concen: 0.079 ppbv
RT: 3.764 min Scan# 1136
Delta R.T. 0.003 min
Lab File: VL042371.D
Acq: 17 Apr 2025 22:52

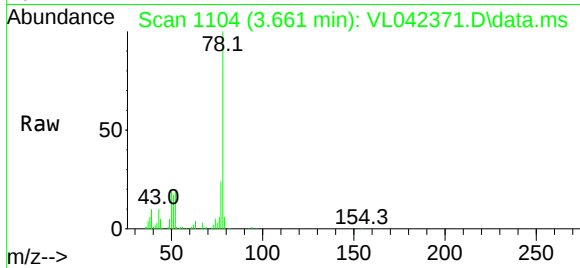
Tgt Ion:117 Resp: 2319
Ion Ratio Lower Upper
117 100
119 120.2 80.5 120.7
121 31.5 24.2 36.2





#36
Benzene
Concen: 1.060 ppbv
RT: 3.661 min Scan# 1104
Delta R.T. 0.006 min
Lab File: VL042371.D
Acq: 17 Apr 2025 22:52

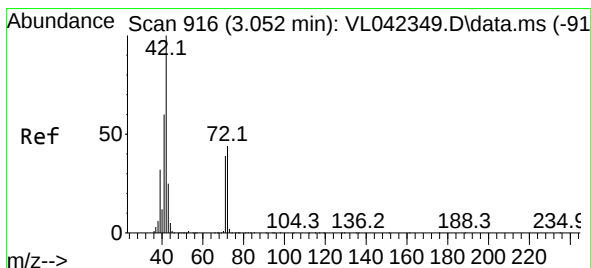
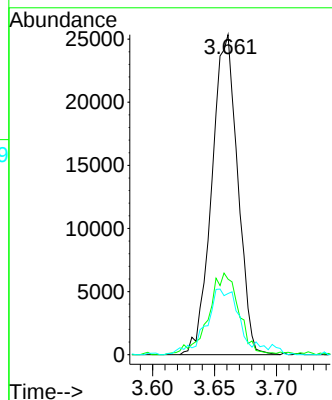
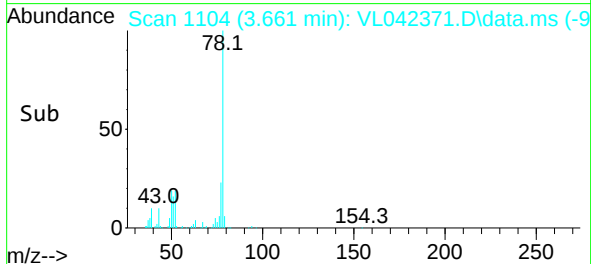
Instrument : MSVOA_L
ClientSampleId : IA-B2-3-03312025



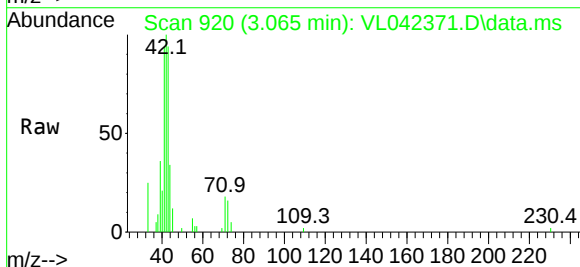
Tgt Ion: 78 Resp: 3690
Ion Ratio Lower Upper
78 100
77 22.8 17.4 26.0
50 17.0 15.5 23.3

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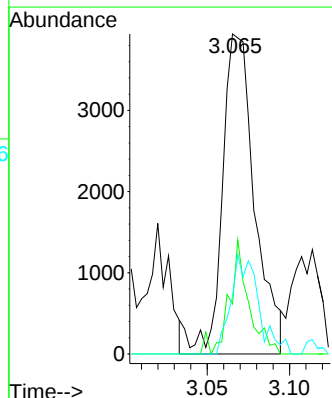
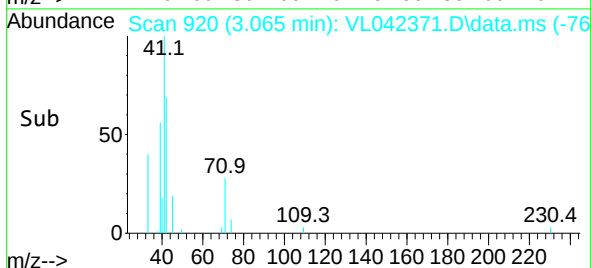
Reviewed By :Semsettin Yesilyurt 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025

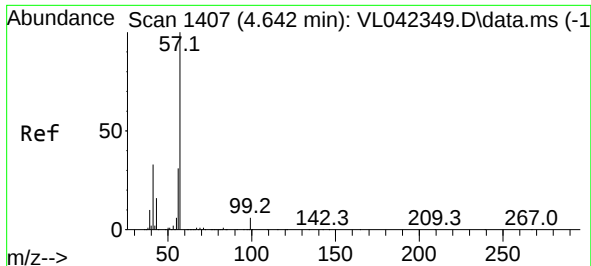


#41
Tetrahydrofuran
Concen: 0.362 ppbv m
RT: 3.065 min Scan# 920
Delta R.T. 0.013 min
Lab File: VL042371.D
Acq: 17 Apr 2025 22:52



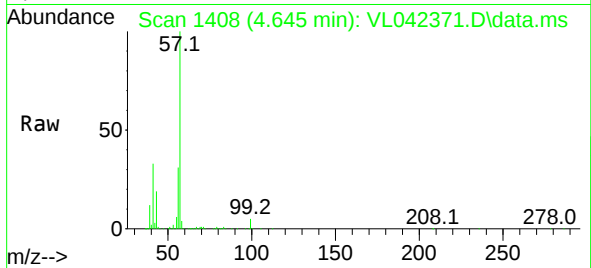
Tgt Ion: 42 Resp: 5385
Ion Ratio Lower Upper
42 100
72 0.0 32.3 48.5#
71 0.0 31.4 47.2#





#44
2,2,4-Trimethylpentane
Concen: 9.437 ppbv
RT: 4.645 min Scan# 1407
Delta R.T. 0.003 min
Lab File: VL042371.D
Acq: 17 Apr 2025 22:52

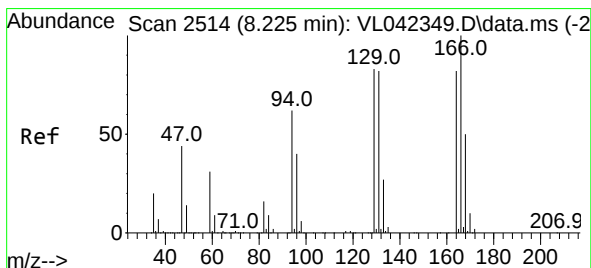
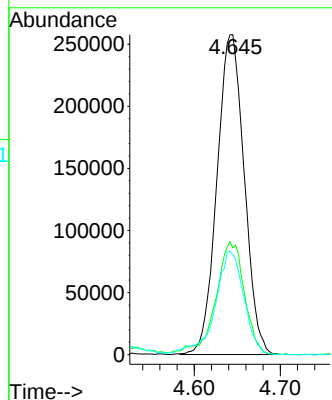
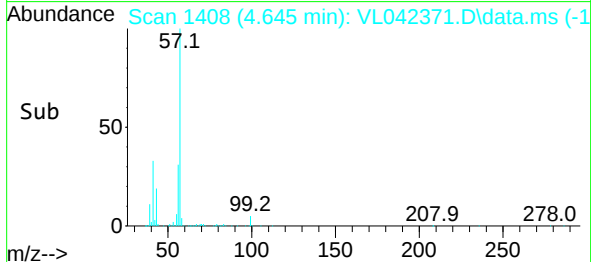
Instrument :
MSVOA_L
ClientSampleId :
IA-B2-3-03312025



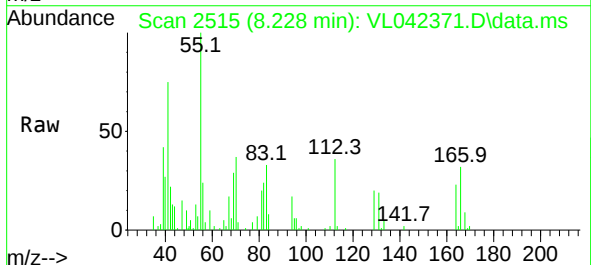
Tgt Ion: 57 Resp: 567349
Ion Ratio Lower Upper
57 100
41 37.3 27.2 40.8
56 34.4 25.7 38.5

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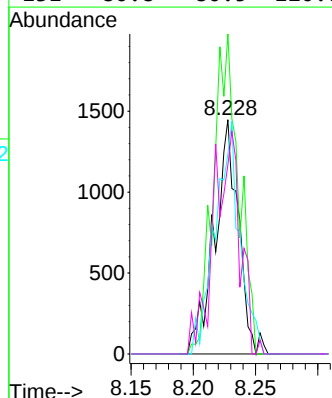
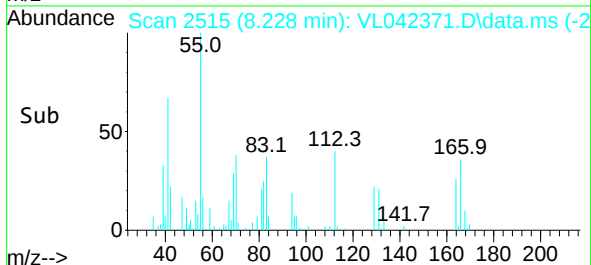
Reviewed By :Semsettin Yesilyurt 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025

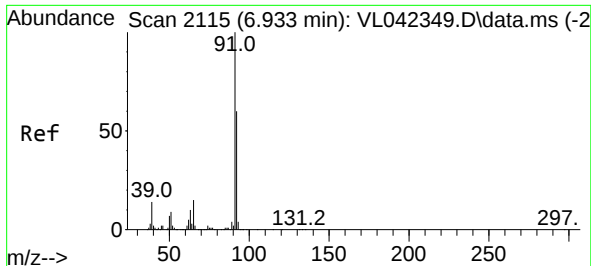


#52
Tetrachloroethene
Concen: 0.144 ppbv m
RT: 8.228 min Scan# 2515
Delta R.T. 0.003 min
Lab File: VL042371.D
Acq: 17 Apr 2025 22:52



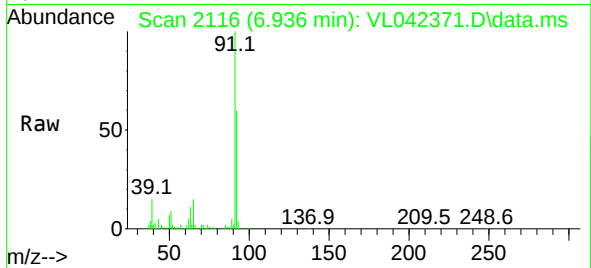
Tgt Ion:164 Resp: 1944
Ion Ratio Lower Upper
164 100
166 136.6 98.2 147.2
129 85.3 81.8 122.8
131 80.8 80.5 120.7





#53
Toluene
Concen: 22.290 ppbv
RT: 6.936 min Scan# 2115
Delta R.T. 0.003 min
Lab File: VL042371.D
Acq: 17 Apr 2025 22:52

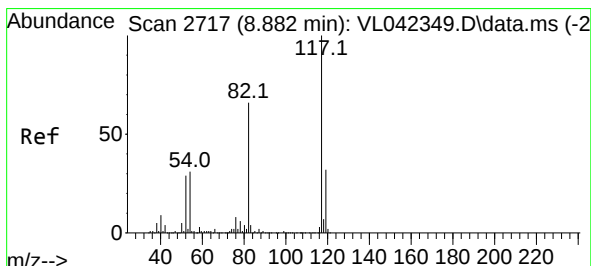
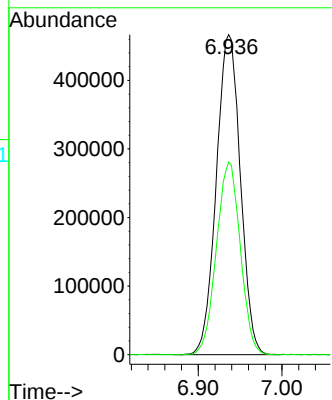
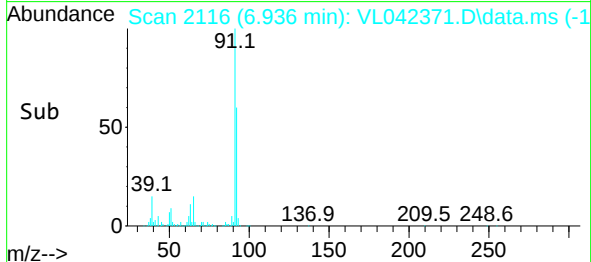
Instrument :
MSVOA_L
ClientSampleId :
IA-B2-3-03312025



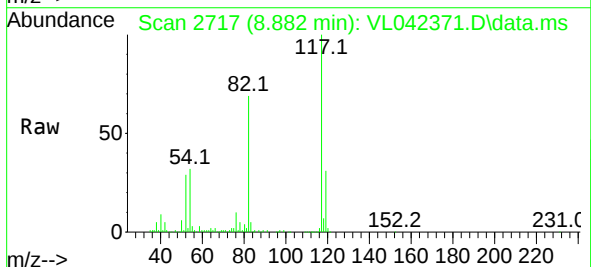
Tgt Ion: 91 Resp: 931135
Ion Ratio Lower Upper
91 100
92 59.7 48.2 72.4

Manual Integrations
APPROVED

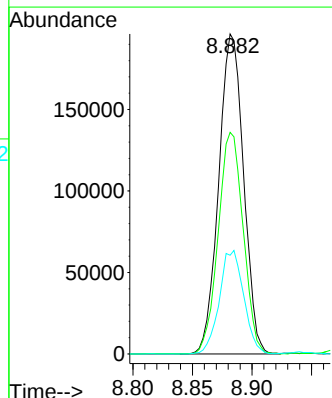
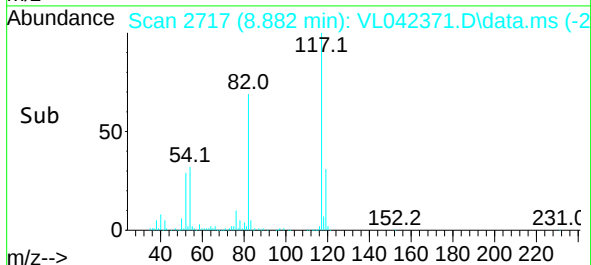
Reviewed By :Semsettin Yesilyurt 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025

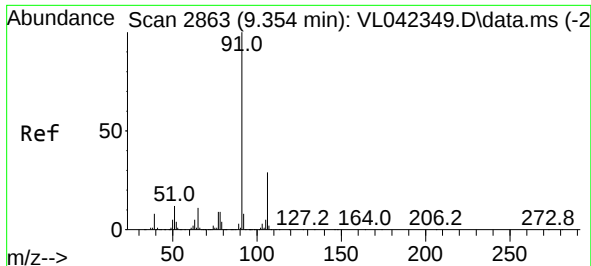


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.882 min Scan# 2717
Delta R.T. -0.000 min
Lab File: VL042371.D
Acq: 17 Apr 2025 22:52



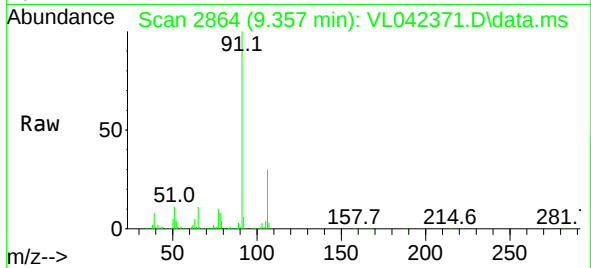
Tgt Ion:117 Resp: 284478
Ion Ratio Lower Upper
117 100
82 69.5 57.8 86.6
119 31.9 25.2 37.8





#58
Ethyl Benzene
Concen: 4.253 ppbv
RT: 9.357 min Scan# 218
Delta R.T. 0.003 min
Lab File: VL042371.D
Acq: 17 Apr 2025 22:52

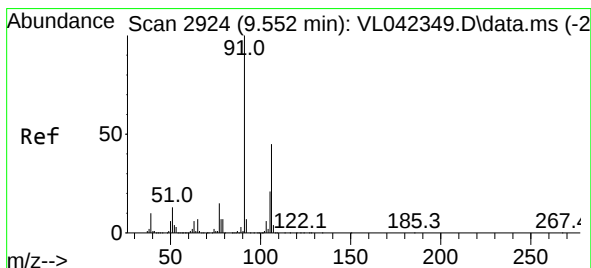
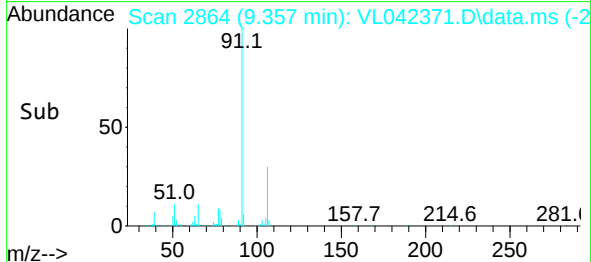
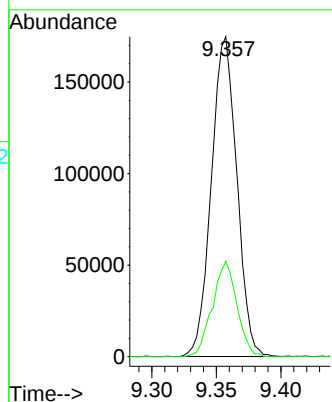
Instrument :
MSVOA_L
ClientSampleId :
IA-B2-3-03312025



Tgt Ion: 91 Resp: 239708
Ion Ratio Lower Upper
91 100
106 29.8 23.0 34.4

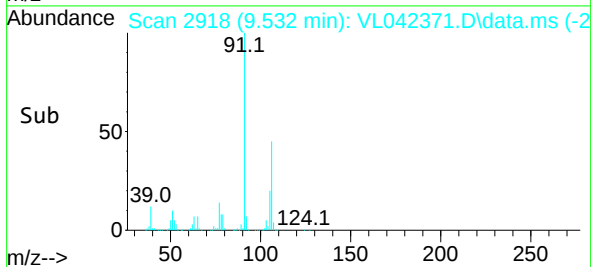
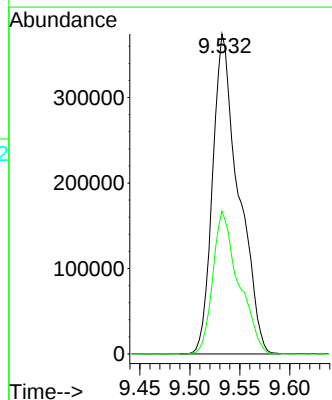
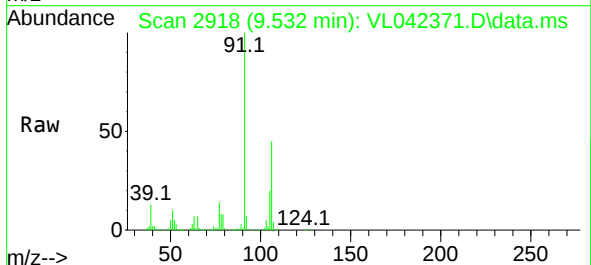
Manual Integrations
APPROVED

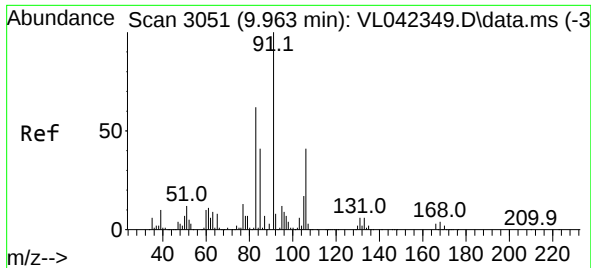
Reviewed By :Semsettin Yesilyurt 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#59
m/p-Xylene
Concen: 14.937 ppbv
RT: 9.532 min Scan# 2918
Delta R.T. -0.019 min
Lab File: VL042371.D
Acq: 17 Apr 2025 22:52

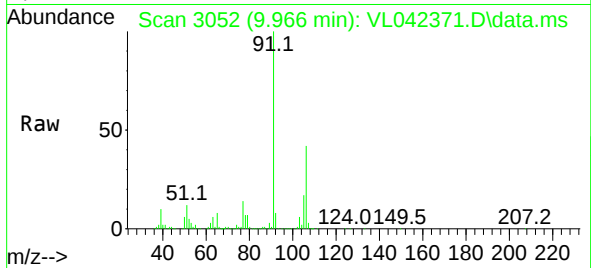
Tgt Ion: 91 Resp: 678219
Ion Ratio Lower Upper
91 100
106 44.2 35.4 53.2





#60
o-Xylene
Concen: 5.817 ppbv
RT: 9.966 min Scan# 3051
Delta R.T. 0.003 min
Lab File: VL042371.D
Acq: 17 Apr 2025 22:52

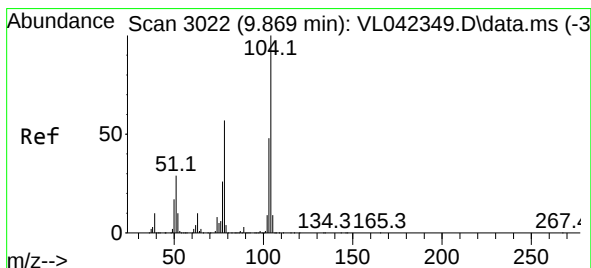
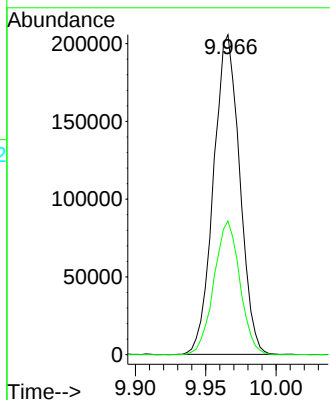
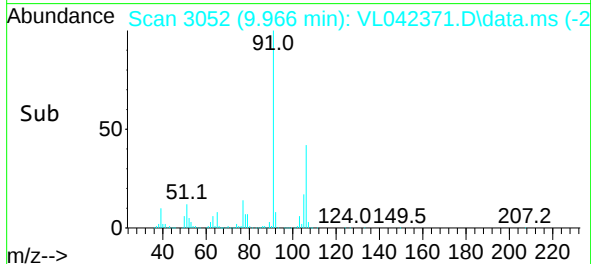
Instrument :
MSVOA_L
ClientSampleId :
IA-B2-3-03312025



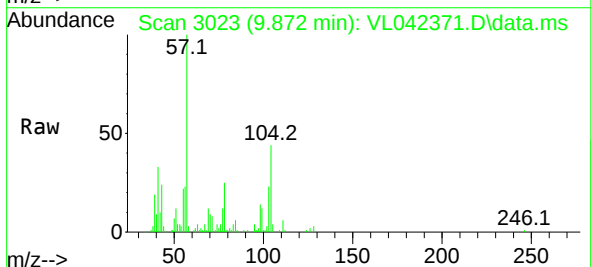
Tgt Ion: 91 Resp: 26596
Ion Ratio Lower Upper
91 100
106 41.5 21.1 63.4

Manual Integrations
APPROVED

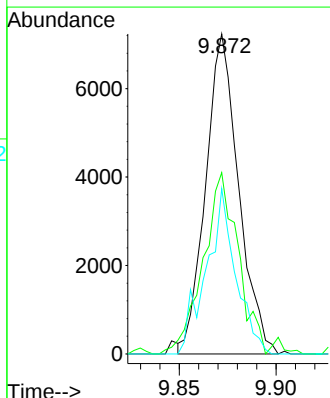
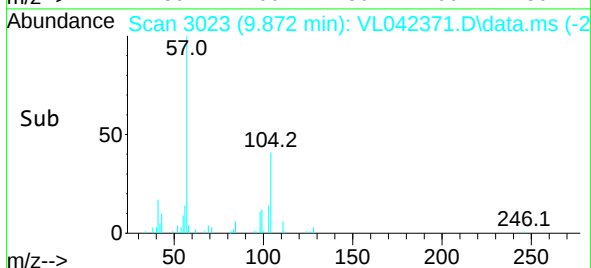
Reviewed By :Semsettin Yesilyurt 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025

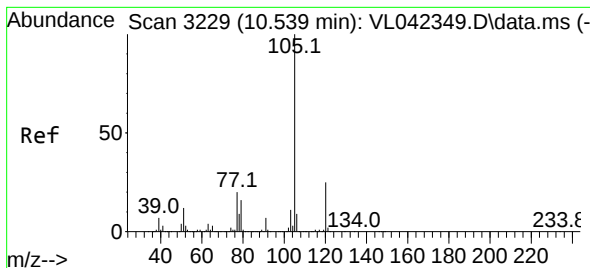


#61
Styrene
Concen: 0.392 ppbv
RT: 9.872 min Scan# 3023
Delta R.T. 0.003 min
Lab File: VL042371.D
Acq: 17 Apr 2025 22:52



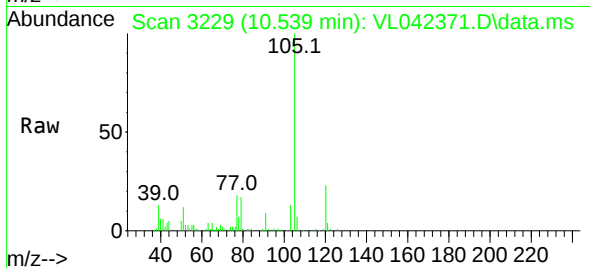
Tgt Ion:104 Resp: 8564
Ion Ratio Lower Upper
104 100
78 62.3 44.6 66.8
103 46.3 37.4 56.0





#62
Isopropylbenzene
Concen: 0.391 ppbv
RT: 10.539 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL042371.D
Acq: 17 Apr 2025 22:52

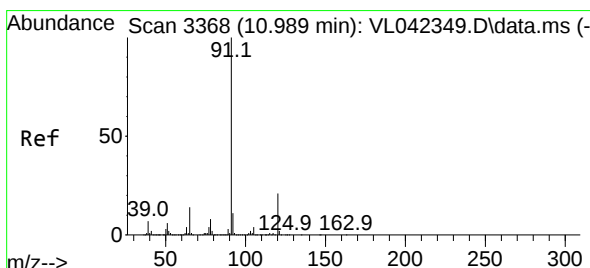
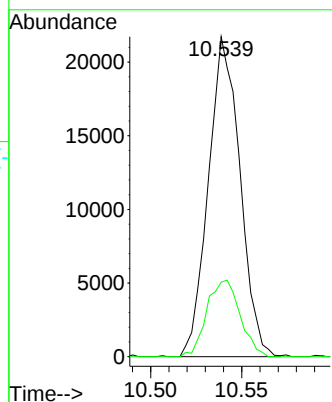
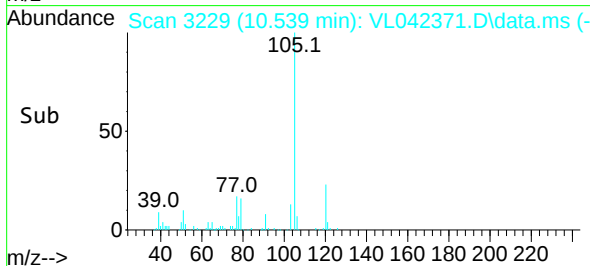
Instrument :
MSVOA_L
ClientSampleId :
IA-B2-3-03312025



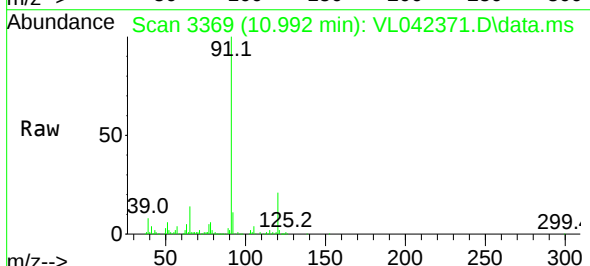
Tgt Ion:105 Resp: 26210
Ion Ratio Lower Upper
105 100
120 25.1 19.8 29.8

Manual Integrations
APPROVED

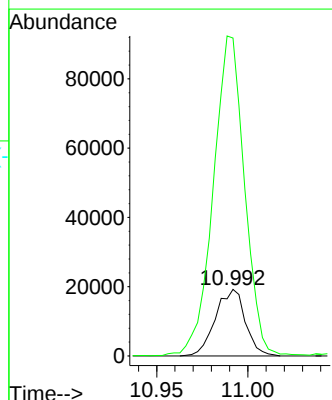
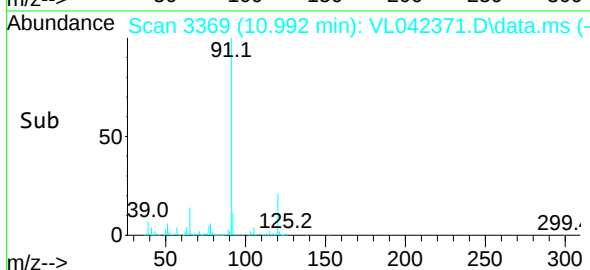
Reviewed By :Semsettin Yesilyurt 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025

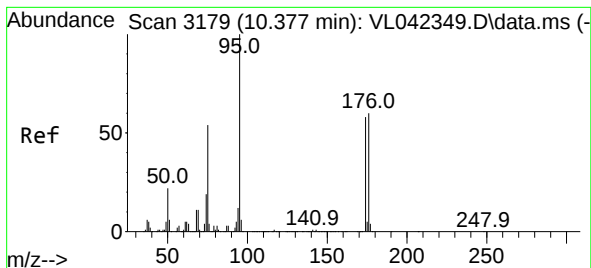


#64
n-propylbenzene
Concen: 1.296 ppbv
RT: 10.992 min Scan# 3369
Delta R.T. 0.003 min
Lab File: VL042371.D
Acq: 17 Apr 2025 22:52



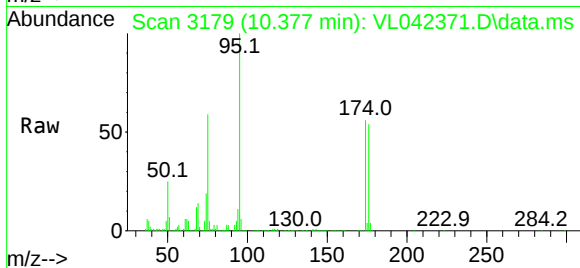
Tgt Ion:120 Resp: 21875
Ion Ratio Lower Upper
120 100
91 503.1 392.4 588.6





#68
1-Bromo-4-Fluorobenzene
Concen: 10.179 ppbv
RT: 10.377 min Scan# 3179
Delta R.T. 0.000 min
Lab File: VL042371.D
Acq: 17 Apr 2025 22:52

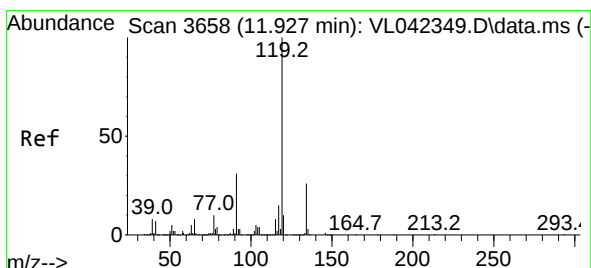
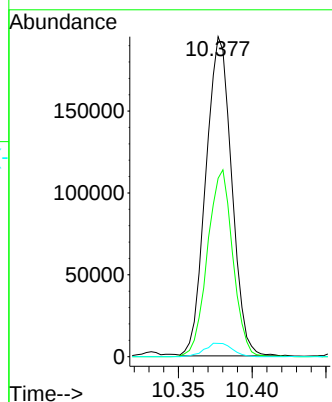
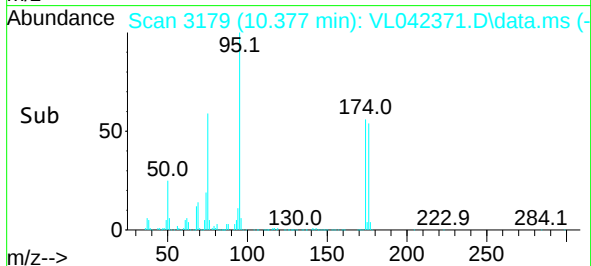
Instrument :
MSVOA_L
ClientSampleId :
IA-B2-3-03312025



Tgt Ion: 95 Resp: 237949
Ion Ratio Lower Upper
95 100
174 57.3 48.5 72.7
175 4.5 3.7 5.5

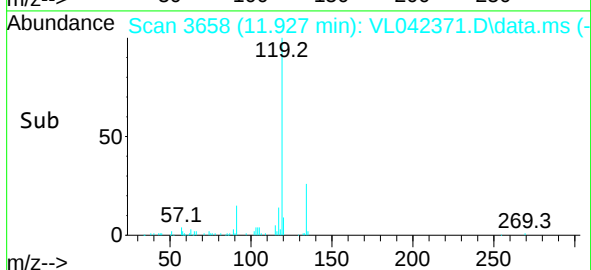
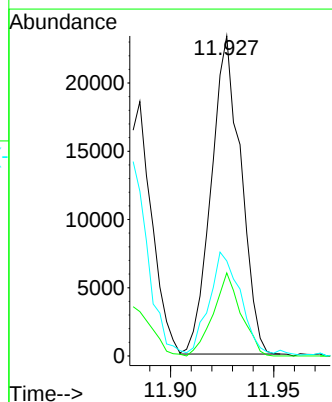
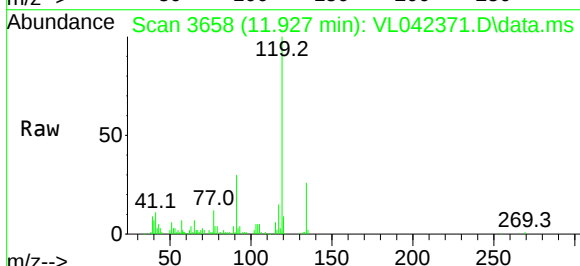
Manual Integrations
APPROVED

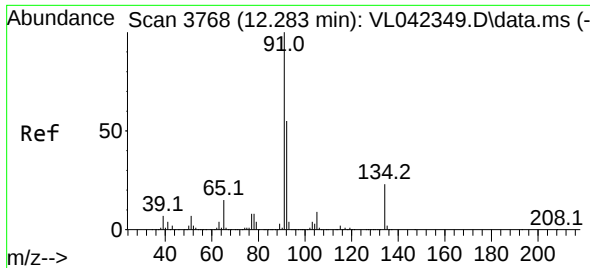
Reviewed By :Semsettin Yesilyurt 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#69
p-Isopropyltoluene
Concen: 0.311 ppbv
RT: 11.927 min Scan# 3658
Delta R.T. 0.000 min
Lab File: VL042371.D
Acq: 17 Apr 2025 22:52

Tgt Ion:119 Resp: 23201
Ion Ratio Lower Upper
119 100
134 24.5 20.0 30.0
91 36.2 24.4 36.6





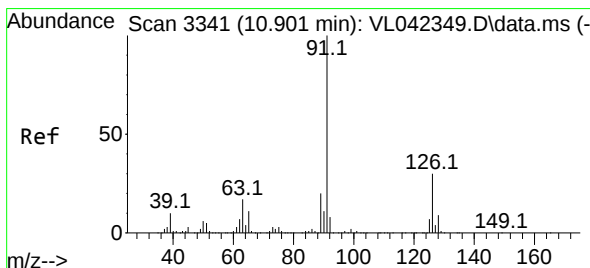
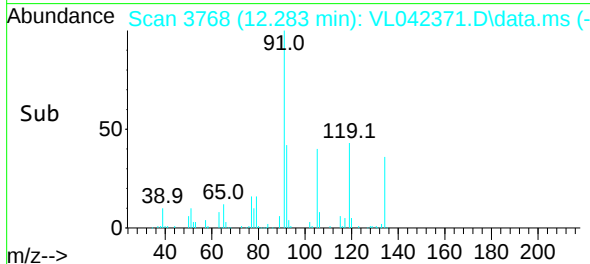
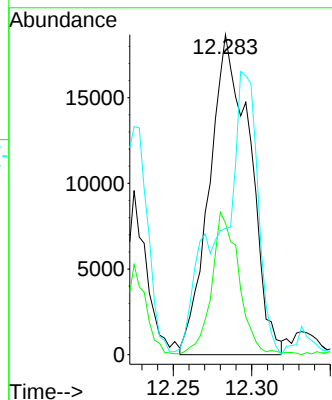
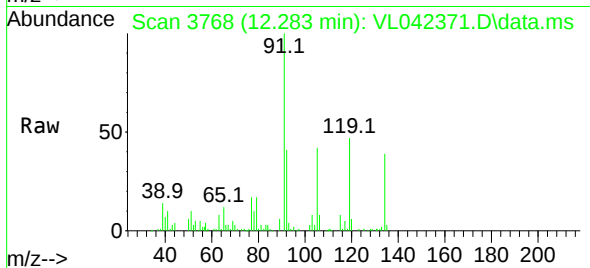
#70
n-Butylbenzene
Concen: 0.431 ppbv m
RT: 12.283 min Scan# 3768
Delta R.T. -0.000 min
Lab File: VL042371.D
Acq: 17 Apr 2025 22:52

Instrument :
MSVOA_L
ClientSampleId :
IA-B2-3-03312025

Tgt Ion: 91 Resp: 33438
Ion Ratio Lower Upper
91 100
92 30.8 44.2 66.4
134 0.0 18.2 27.4

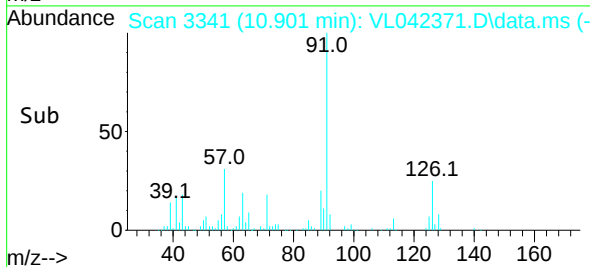
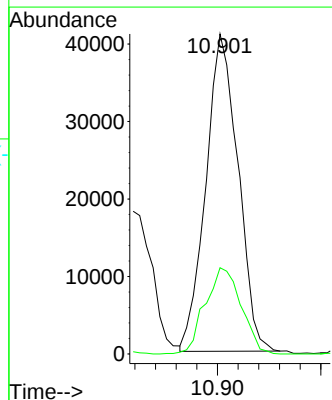
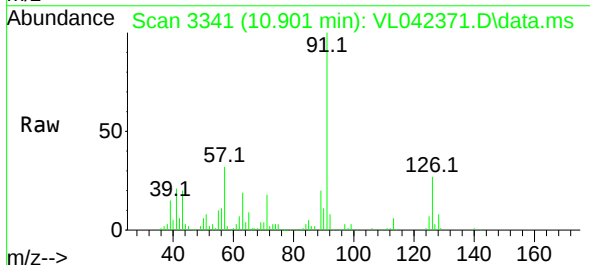
Manual Integrations
APPROVED

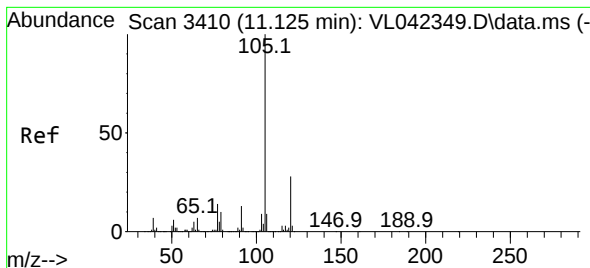
Reviewed By :Semsettin Yesilyurt 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#71
2-Chlorotoluene
Concen: 0.843 ppbv
RT: 10.901 min Scan# 3341
Delta R.T. 0.000 min
Lab File: VL042371.D
Acq: 17 Apr 2025 22:52

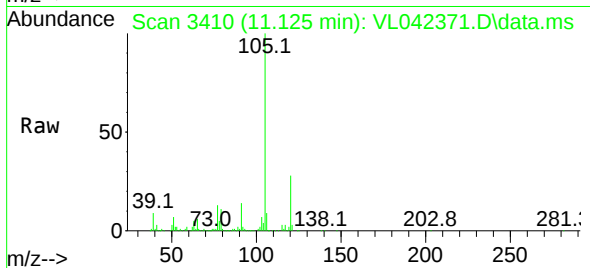
Tgt Ion: 91 Resp: 44364
Ion Ratio Lower Upper
91 100
126 30.4 11.4 45.4





#72
4-Ethyltoluene
Concen: 2.108 ppbv
RT: 11.125 min Scan# 3410
Delta R.T. -0.000 min
Lab File: VL042371.D
Acq: 17 Apr 2025 22:52

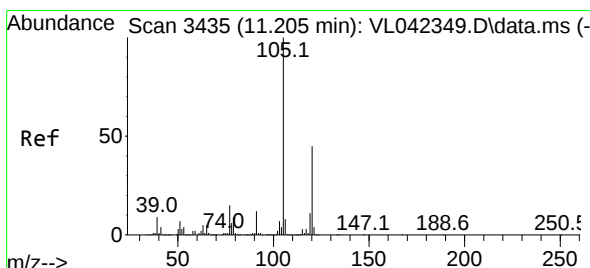
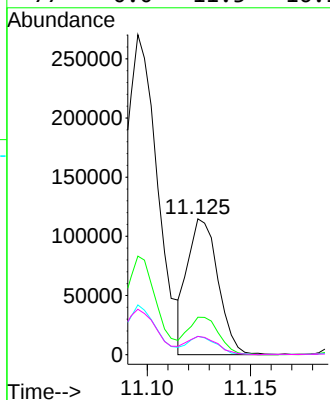
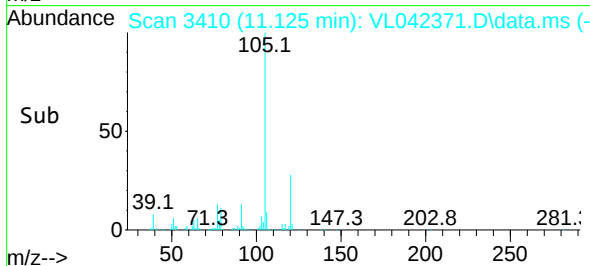
Instrument : MSVOA_L
ClientSampleId : IA-B2-3-03312025



Tgt Ion:105 Resp: 117824
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

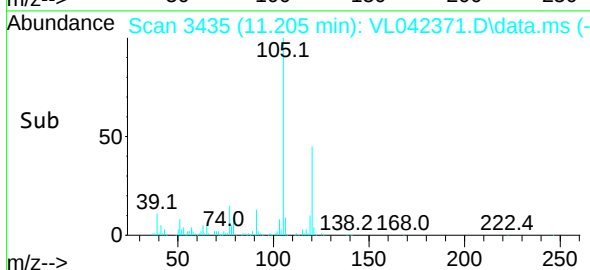
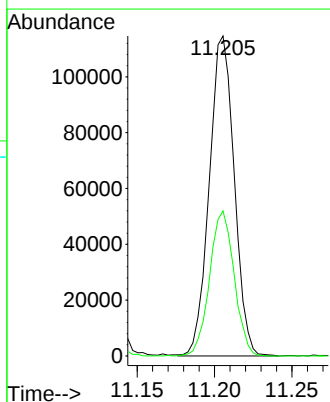
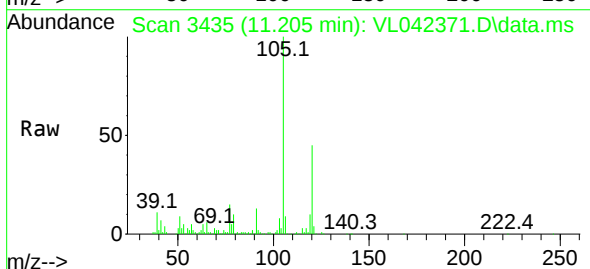
Manual Integrations
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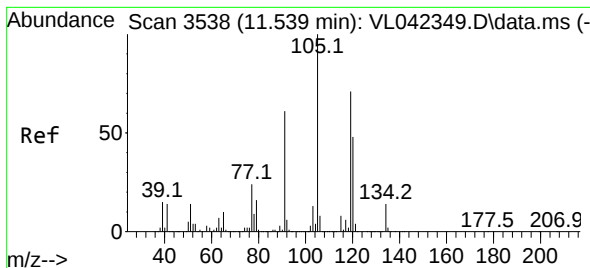
Reviewed By :Semsettin Yesilyurt 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#73
1,3,5-Trimethylbenzene
Concen: 2.599 ppbv
RT: 11.205 min Scan# 3435
Delta R.T. -0.000 min
Lab File: VL042371.D
Acq: 17 Apr 2025 22:52

Tgt Ion:105 Resp: 128254
Ion Ratio Lower Upper
105 100
120 45.4 35.6 53.4





#74

1,2,4-Trimethylbenzene

Concen: 7.213 ppbv

RT: 11.536 min Scan# 3538

Delta R.T. -0.003 min

Lab File: VL042371.D

Acq: 17 Apr 2025 22:52

Instrument :

MSVOA_L

ClientSampleId :

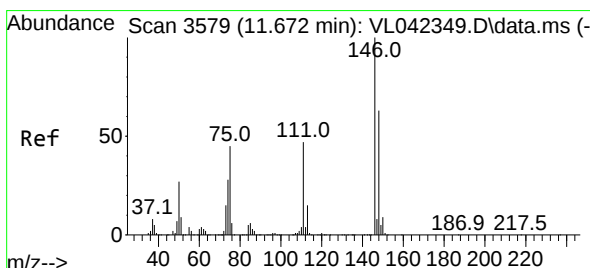
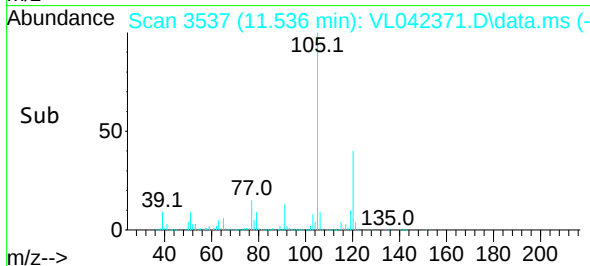
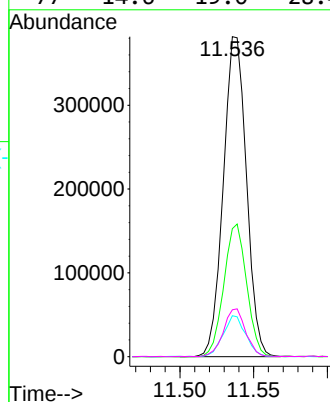
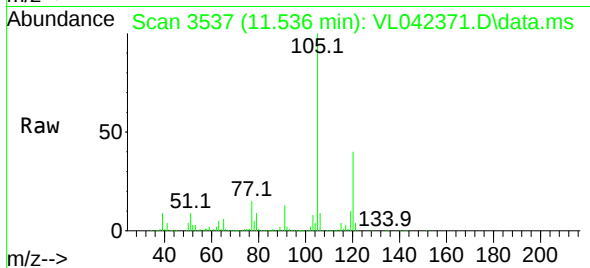
IA-B2-3-03312025

Tgt Ion:	105	Resp:	41575
Ion Ratio	Lower	Upper	
105	100		
120	40.0	38.1	57.1
91	12.7	48.8	73.2
77	14.6	19.0	28.4

Manual Integrations

APPROVED

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



#76

1,4-Dichlorobenzene

Concen: 0.204 ppbv

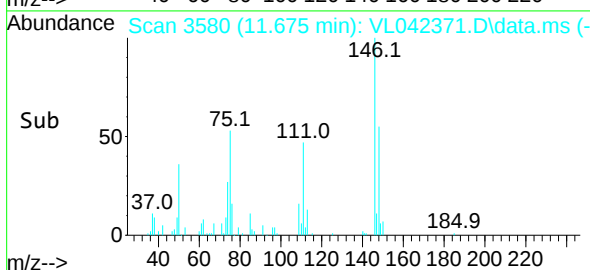
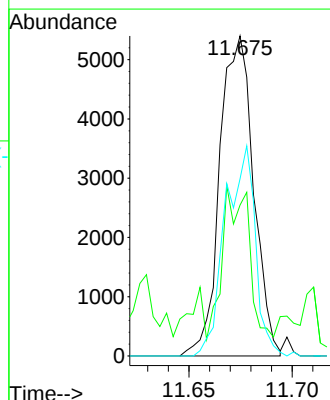
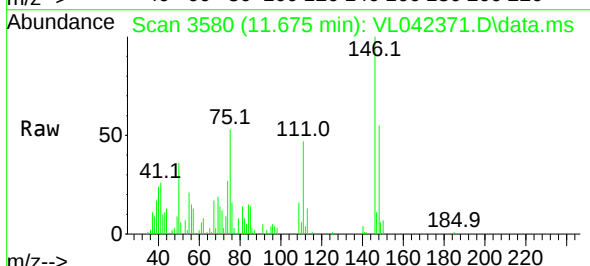
RT: 11.675 min Scan# 3580

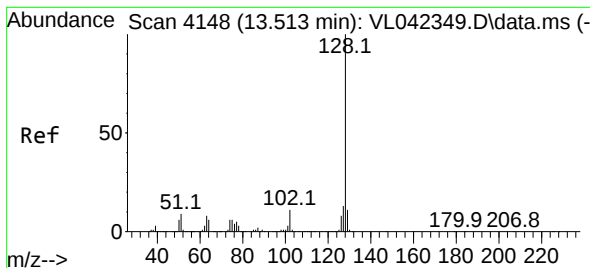
Delta R.T. 0.003 min

Lab File: VL042371.D

Acq: 17 Apr 2025 22:52

Tgt Ion:	146	Resp:	6136
Ion Ratio	Lower	Upper	
146	100		
111	71.0	24.2	72.6
148	58.8	32.1	96.5





#79

Naphthalene

Concen: 0.454 ppbv

RT: 13.516 min Scan# 4148

Delta R.T. 0.003 min

Lab File: VL042371.D

Acq: 17 Apr 2025 22:52

Instrument :

MSVOA_L

ClientSampleId :

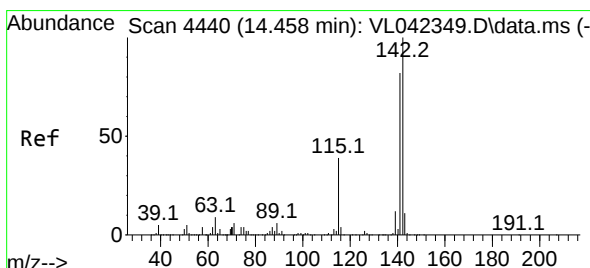
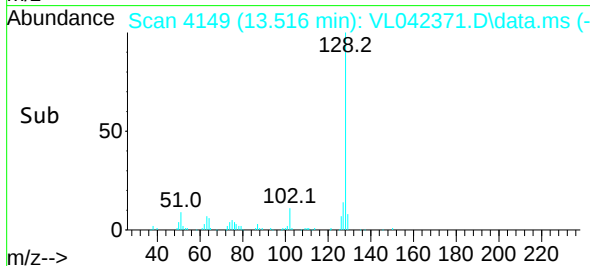
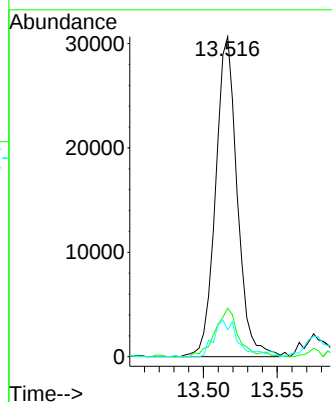
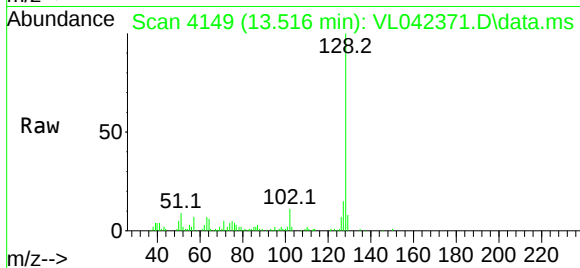
IA-B2-3-03312025

Tgt Ion:	128	Resp:	3128
Ion Ratio	Lower	Upper	
128	100		
127	15.2	10.6	15.8
129	8.5	8.6	12.8

Manual Integrations

APPROVED

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



#80

Naphthalene,2-methyl-

Concen: 0.128 ppbv

RT: 14.461 min Scan# 4441

Delta R.T. 0.003 min

Lab File: VL042371.D

Acq: 17 Apr 2025 22:52

Tgt Ion:	142	Resp:	5013
Ion Ratio	Lower	Upper	
142	100		
141	80.6	66.8	100.2
115	60.7	33.4	50.2

