

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL051425\
 Data File : VL042541.D
 Acq On : 14 May 2025 14:15
 Operator : SY/MD
 Sample : Q2037-02
 Misc : 400mL/MSVOA_L
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 05/15/2025
 Supervised By : Mahesh Dadoda 05/15/2025

Quant Time: May 15 01:34:48 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL051225AIR.M

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

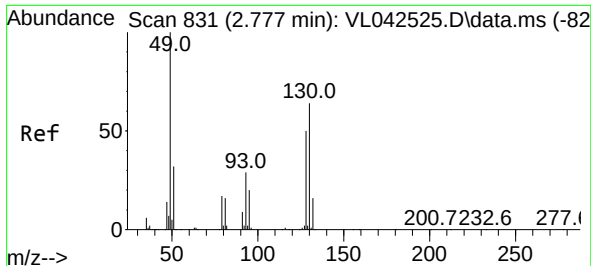
QLast Update : Tue May 13 02:07:03 2025

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.790	49	134546	10.000	ppbv	0.01
33) 1,4-Difluorobenzene	3.965	114	408032	10.000	ppbv	0.02
55) Chlorobenzene-d5	8.885	117	347758	10.000	ppbv	0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.380	95	299463	9.897	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.000%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.499	85	8985	0.411	ppbv	99
3) Chlorodifluoromethane	1.479	51	44558m	2.001	ppbv	
4) Chloromethane	1.534	50	6285	0.705	ppbv	98
9) Propene	1.489	41	25265	5.232	ppbv #	85
10) Heptane	4.991	43	5875m	0.318	ppbv	
11) Trichlorofluoromethane	1.881	101	4432	0.211	ppbv	83
13) Ethanol	1.722	45	398191	306.595	ppbv	100
15) Acetone	1.839	43	347538m	16.025	ppbv	
17) tert-Butyl alcohol	2.046	59	10606	0.534	ppbv #	72
19) Isopropyl Alcohol	1.887	45	231241	19.799	ppbv #	1
20) Methylene Chloride	2.065	84	6721	0.898	ppbv	91
26) Hexane	2.832	57	56507	3.646	ppbv #	53
29) Chloroform	2.852	83	52359	1.629	ppbv	99
30) Cyclohexane	3.865	84	17180	1.350	ppbv	92
34) 2-Butanone	2.564	43	22109	0.822	ppbv	97
35) Carbon Tetrachloride	3.771	117	4285m	0.117	ppbv	
36) Benzene	3.664	78	17040	0.471	ppbv	98
37) 1,2-Dichloroethane	3.221	62	6929	0.269	ppbv	99
41) Tetrahydrofuran	3.068	42	5133m	0.441	ppbv	
44) 2,2,4-Trimethylpentane	4.654	57	12329m	0.215	ppbv	
52) Tetrachloroethene	8.231	164	3466	0.251	ppbv #	85
53) Toluene	6.943	91	95844	2.701	ppbv	99
58) Ethyl Benzene	9.364	91	14851	0.313	ppbv	98
59) m/p-Xylene	9.539	91	38335	0.911	ppbv #	100
60) o-Xylene	9.969	91	17042	0.415	ppbv	91
61) Styrene	9.878	104	17521	1.151	ppbv	95
64) n-propylbenzene	10.995	120	2044m	0.130	ppbv	
69) p-Isopropyltoluene	11.930	119	8127	0.121	ppbv	95
72) 4-Ethyltoluene	11.131	105	9443	0.185	ppbv #	62
73) 1,3,5-Trimethylbenzene	11.209	105	10634	0.239	ppbv	98
74) 1,2,4-Trimethylbenzene	11.542	105	32735	0.599	ppbv #	64
76) 1,4-Dichlorobenzene	11.678	146	638942	19.620	ppbv	98
79) Naphthalene	13.520	128	7709	0.204	ppbv #	84
80) Naphthalene,2-methyl-	14.468	142	2848	0.130	ppbv #	86

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



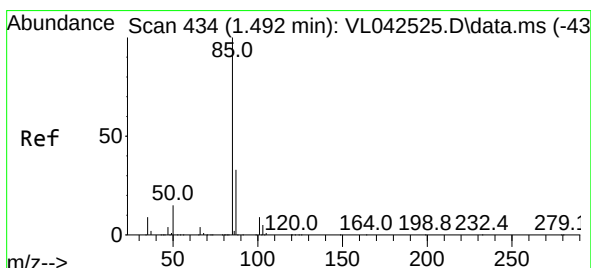
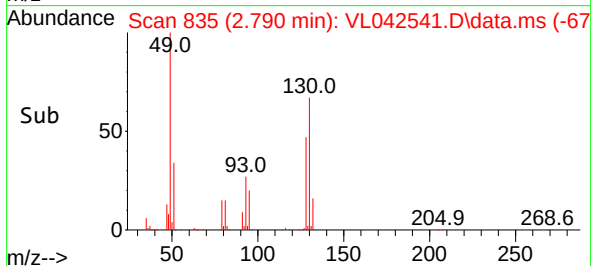
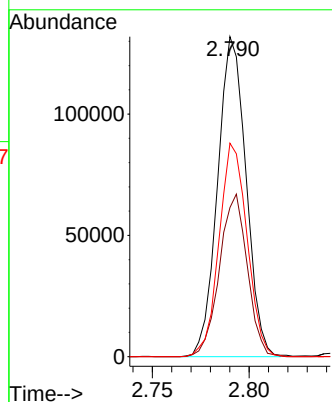
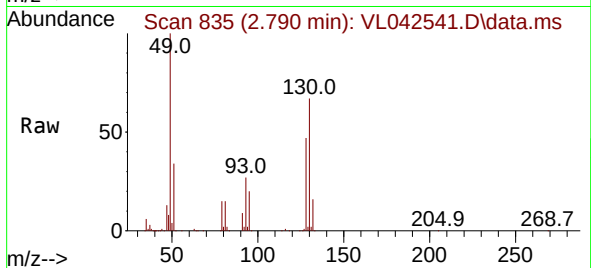
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.790 min Scan# 81
Delta R.T. 0.013 min
Lab File: VL042541.D
Acq: 14 May 2025 14:15

Instrument :
MSVOA_L
ClientSampleId :
IA1

Tgt Ion: 49 Resp: 134540
Ion Ratio Lower Upper
49 100
128 49.7 24.9 74.6
130 65.8 32.5 97.5

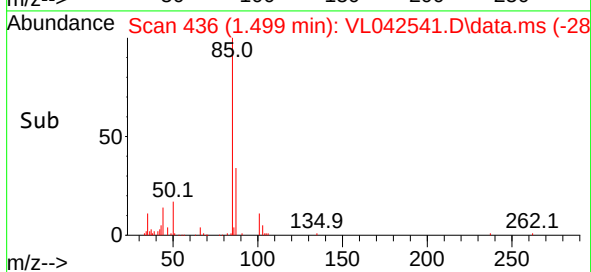
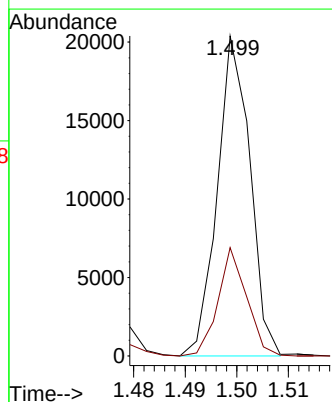
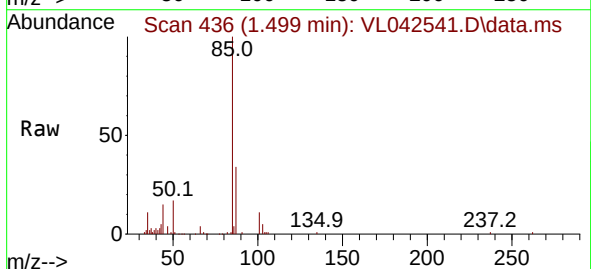
Manual Integrations
APPROVED

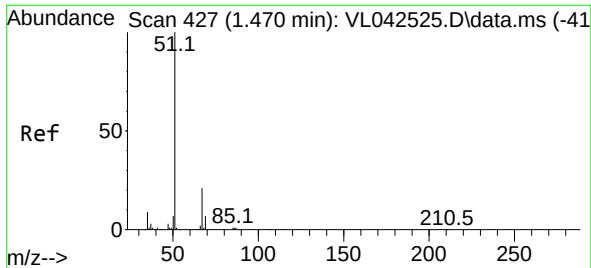
Reviewed By :Semsettin Yesilyurt 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025



#2
Dichlorodifluoromethane
Concen: 0.411 ppbv
RT: 1.499 min Scan# 436
Delta R.T. 0.006 min
Lab File: VL042541.D
Acq: 14 May 2025 14:15

Tgt Ion: 85 Resp: 8985
Ion Ratio Lower Upper
85 100
87 33.8 26.8 40.2





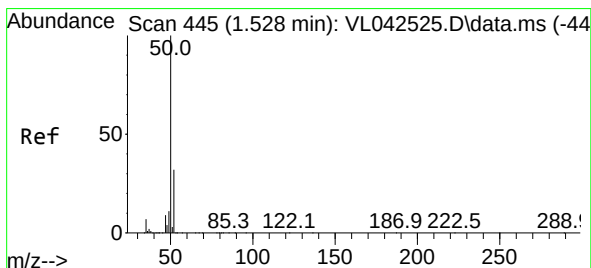
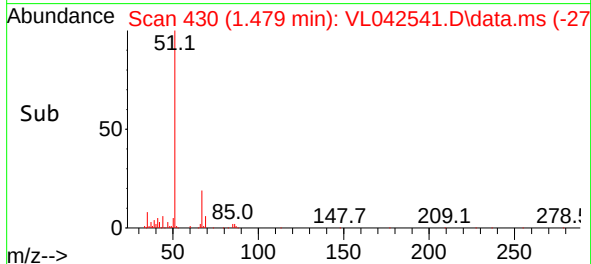
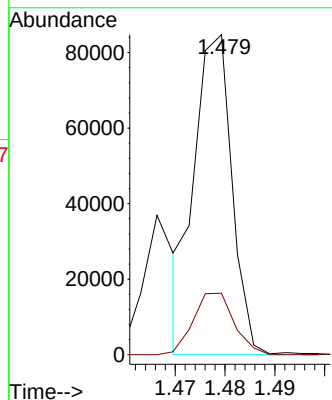
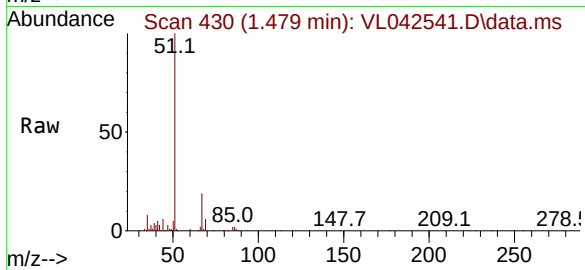
#3
Chlorodifluoromethane
Concen: 2.001 ppbv m
RT: 1.479 min Scan# 41
Delta R.T. 0.009 min
Lab File: VL042541.D
Acq: 14 May 2025 14:15

Instrument :
MSVOA_L
ClientSampleId :
IA1

Tgt Ion: 51 Resp: 44558
Ion Ratio Lower Upper
51 100
67 21.0 17.4 26.0

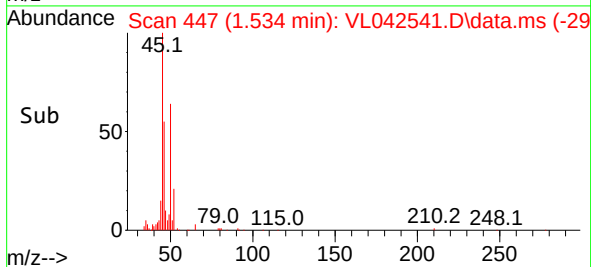
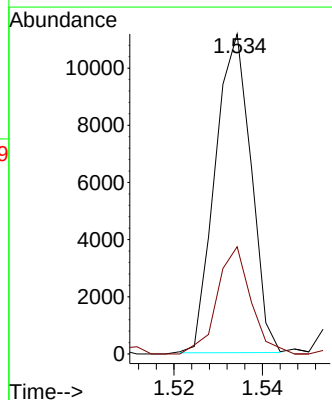
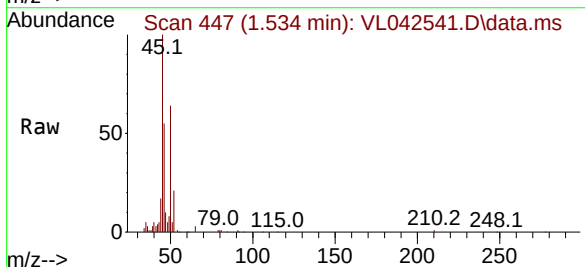
Manual Integrations
APPROVED

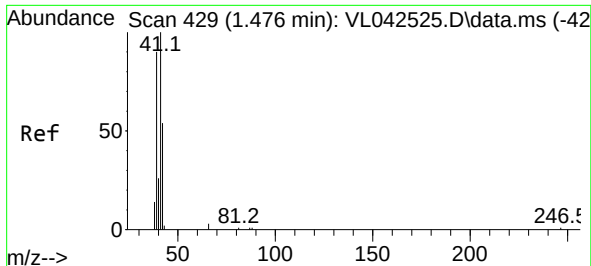
Reviewed By :Semsettin Yesilyurt 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025



#4
Chloromethane
Concen: 0.705 ppbv
RT: 1.534 min Scan# 447
Delta R.T. 0.006 min
Lab File: VL042541.D
Acq: 14 May 2025 14:15

Tgt Ion: 50 Resp: 6285
Ion Ratio Lower Upper
50 100
52 33.7 25.9 38.9





#9

Propene

Concen: 5.232 ppbv

RT: 1.489 min Scan# 41

Delta R.T. 0.013 min

Lab File: VL042541.D

Acq: 14 May 2025 14:15

Instrument :

MSVOA_L

ClientSampleId :

IA1

Tgt Ion: 41 Resp: 2526

Ion Ratio Lower Upper

41 100

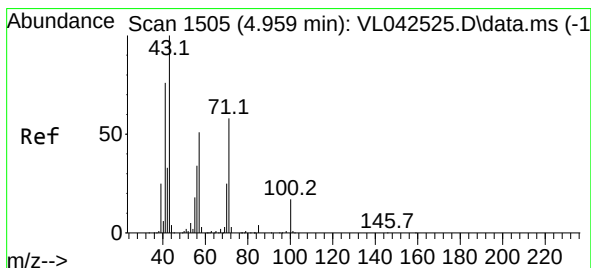
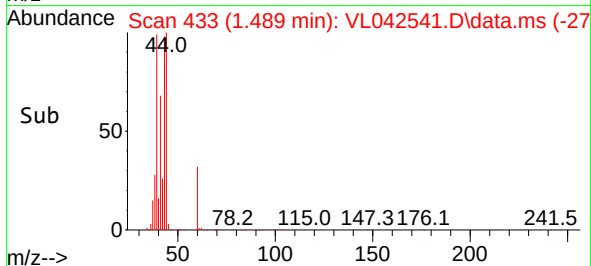
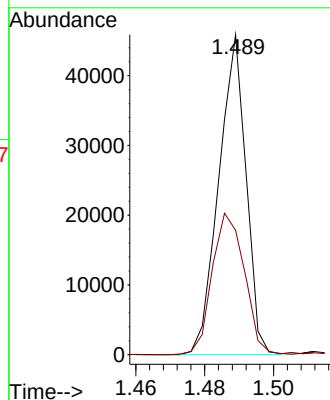
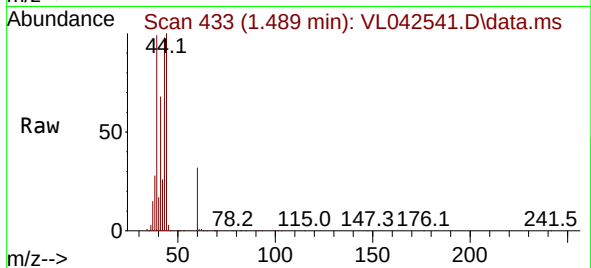
42 0.0 4.1 6.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/15/2025

Supervised By :Mahesh Dadoda 05/15/2025



#10

Heptane

Concen: 0.318 ppbv m

RT: 4.991 min Scan# 1515

Delta R.T. 0.032 min

Lab File: VL042541.D

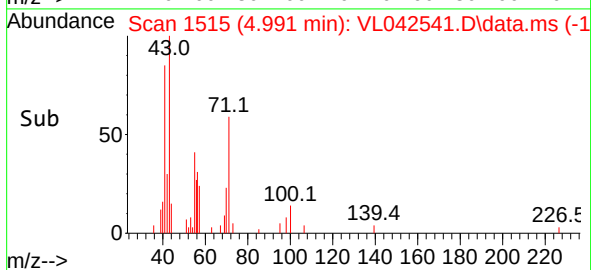
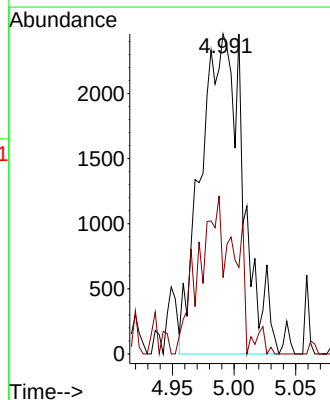
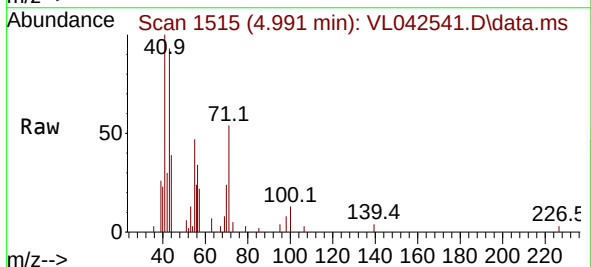
Acq: 14 May 2025 14:15

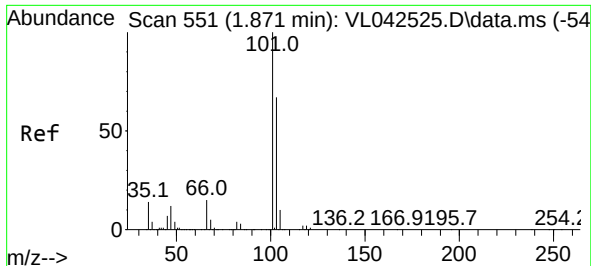
Tgt Ion: 43 Resp: 5875

Ion Ratio Lower Upper

43 100

57 0.0 42.1 63.1





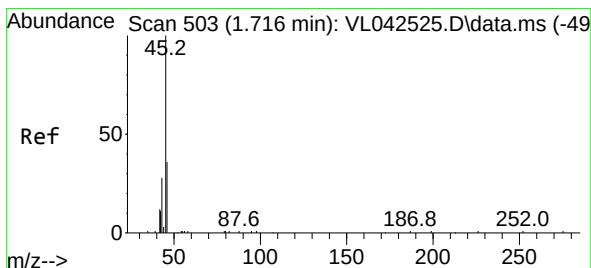
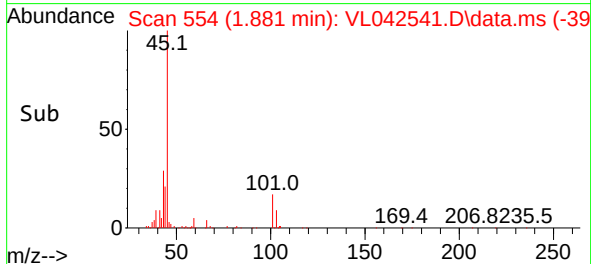
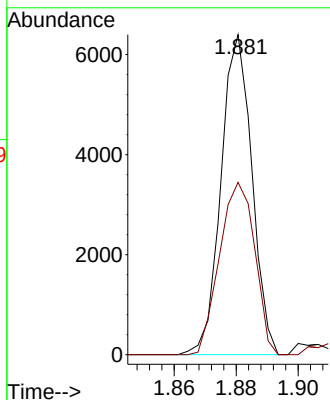
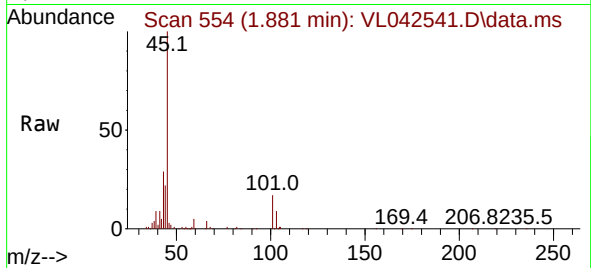
#11
 Trichlorofluoromethane
 Concen: 0.211 ppbv
 RT: 1.881 min Scan# 505
 Delta R.T. 0.009 min
 Lab File: VL042541.D
 Acq: 14 May 2025 14:15

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1

Tgt Ion:101 Resp: 4432
 Ion Ratio Lower Upper
 101 100
 103 53.9 53.8 80.6

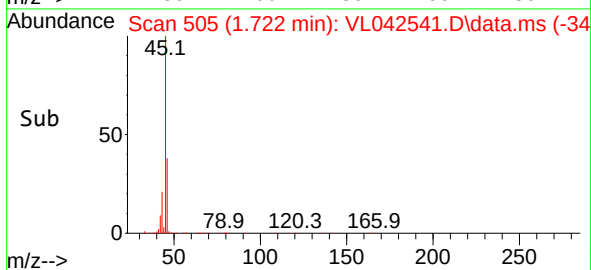
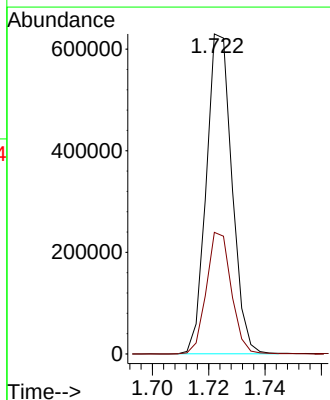
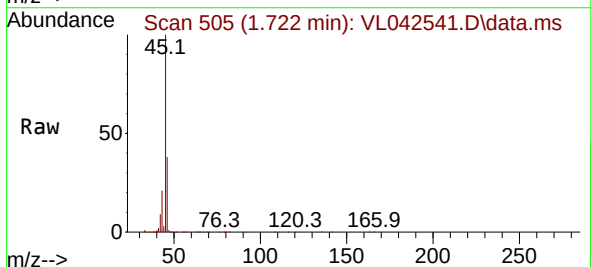
Manual Integrations
 APPROVED

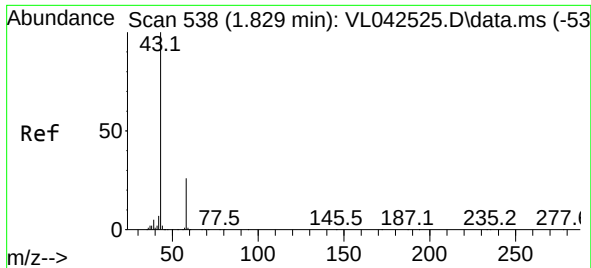
Reviewed By :Semsettin Yesilyurt 05/15/2025
 Supervised By :Mahesh Dadoda 05/15/2025



#13
 Ethanol
 Concen: 306.595 ppbv
 RT: 1.722 min Scan# 505
 Delta R.T. 0.006 min
 Lab File: VL042541.D
 Acq: 14 May 2025 14:15

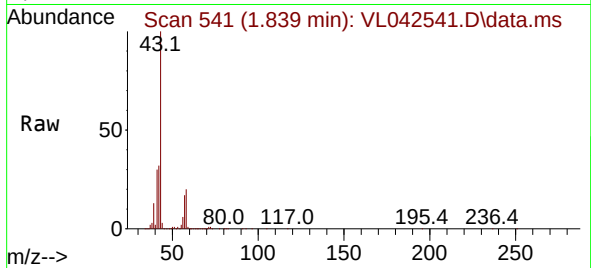
Tgt Ion: 45 Resp: 398191
 Ion Ratio Lower Upper
 45 100
 46 37.3 14.8 59.4





#15
Acetone
Concen: 16.025 ppbv m
RT: 1.839 min Scan# 541
Delta R.T. 0.009 min
Lab File: VL042541.D
Acq: 14 May 2025 14:15

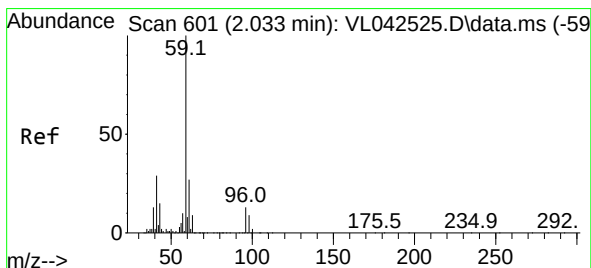
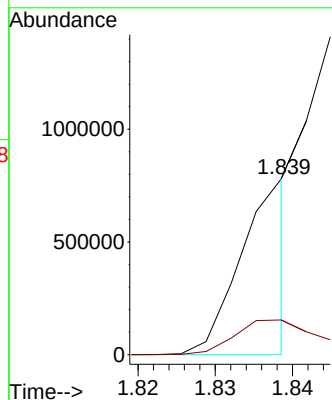
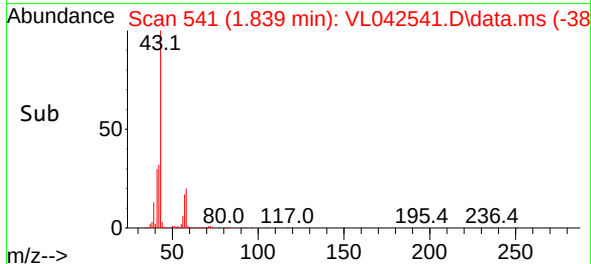
Instrument :
MSVOA_L
ClientSampleId :
IA1



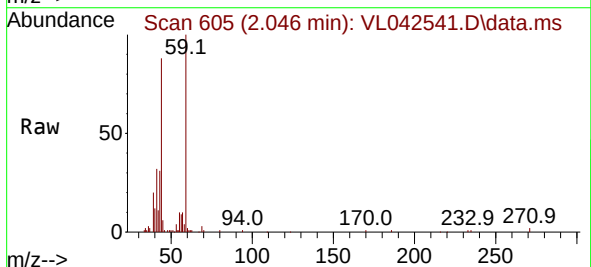
Tgt Ion: 43 Resp: 347538
Ion Ratio Lower Upper
43 100
58 36.8 21.3 31.9

Manual Integrations
APPROVED

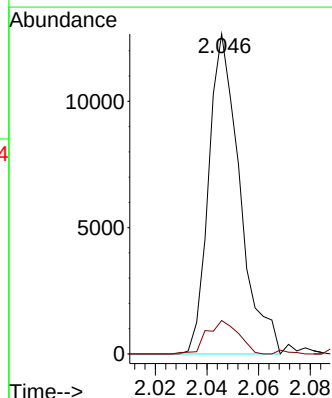
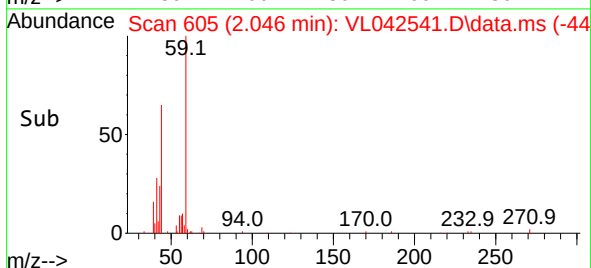
Reviewed By :Semsettin Yesilyurt 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025

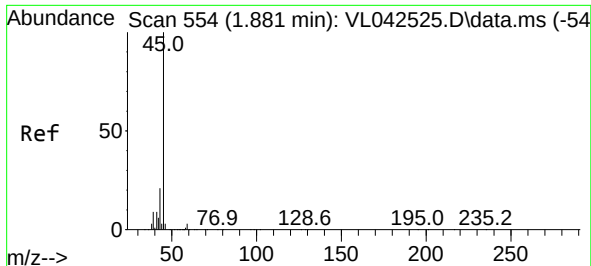


#17
tert-Butyl alcohol
Concen: 0.534 ppbv
RT: 2.046 min Scan# 605
Delta R.T. 0.013 min
Lab File: VL042541.D
Acq: 14 May 2025 14:15



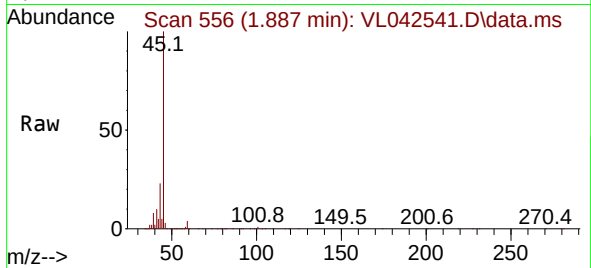
Tgt Ion: 59 Resp: 10606
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4





#19
Isopropyl Alcohol
Concen: 19.799 ppbv
RT: 1.887 min Scan# 511
Delta R.T. 0.006 min
Lab File: VL042541.D
Acq: 14 May 2025 14:15

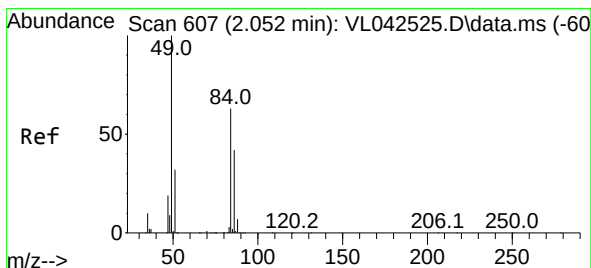
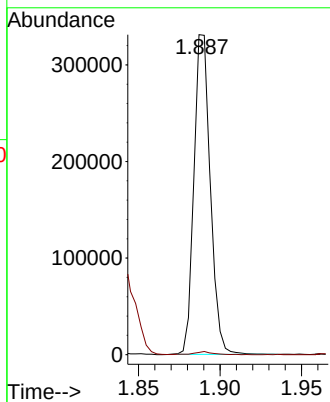
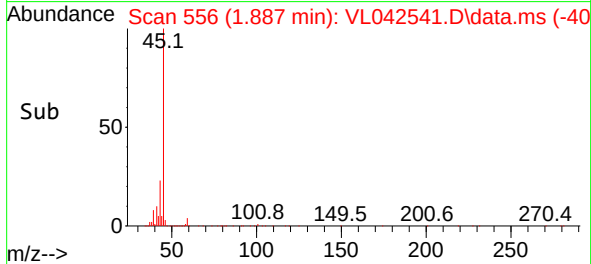
Instrument :
MSVOA_L
ClientSampleId :
IA1



Tgt Ion: 45 Resp: 23124
Ion Ratio Lower Upper
45 100
58 55.3 1.5 2.3

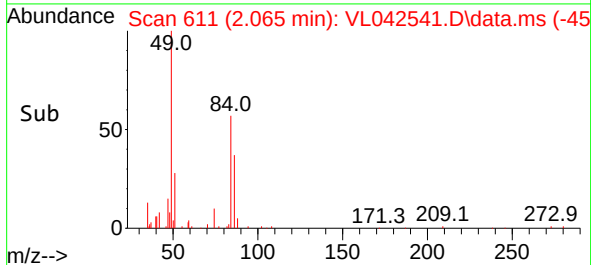
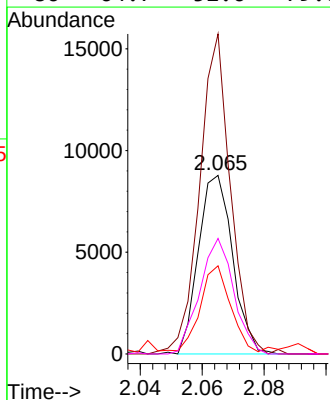
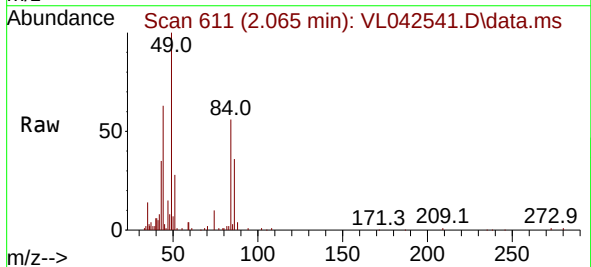
Manual Integrations
APPROVED

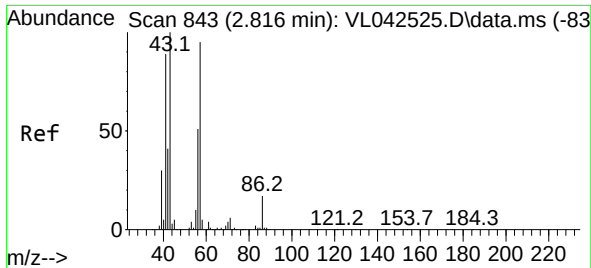
Reviewed By :Semsettin Yesilyurt 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025



#20
Methylene Chloride
Concen: 0.898 ppbv
RT: 2.065 min Scan# 611
Delta R.T. 0.013 min
Lab File: VL042541.D
Acq: 14 May 2025 14:15

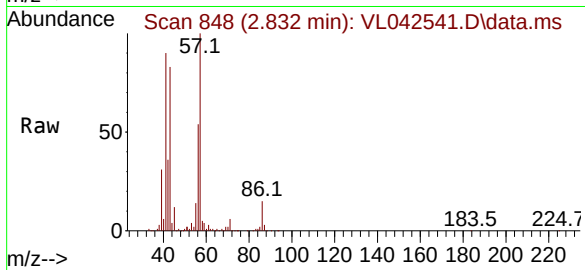
Tgt Ion: 84 Resp: 6721
Ion Ratio Lower Upper
84 100
49 176.6 128.2 192.4
51 47.6 41.7 62.5
86 64.7 52.6 79.0





#26
Hexane
Concen: 3.646 ppbv
RT: 2.832 min Scan# 843
Delta R.T. 0.016 min
Lab File: VL042541.D
Acq: 14 May 2025 14:15

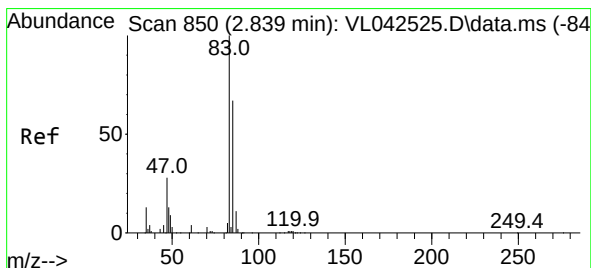
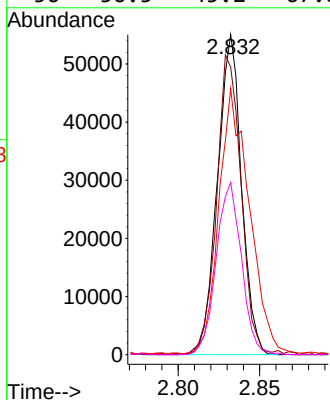
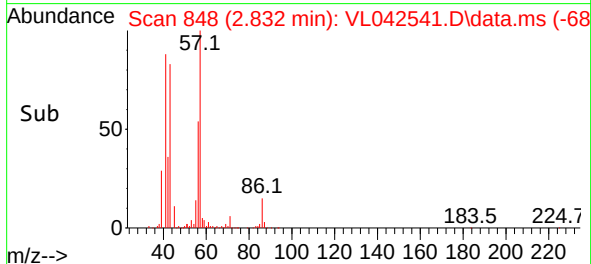
Instrument :
MSVOA_L
ClientSampleId :
IA1



Tgt Ion: 57 Resp: 56507
Ion Ratio Lower Upper
57 100
41 96.5 76.1 114.1
43 107.0 188.9 283.3
56 56.5 45.2 67.8

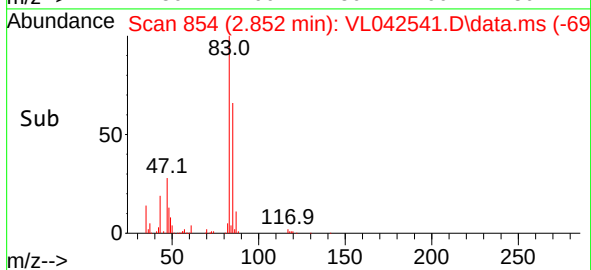
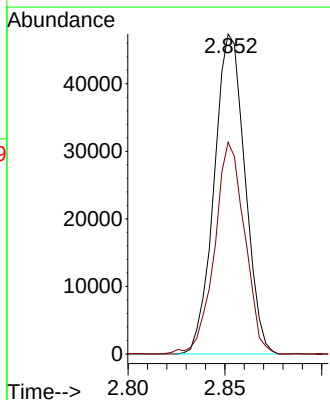
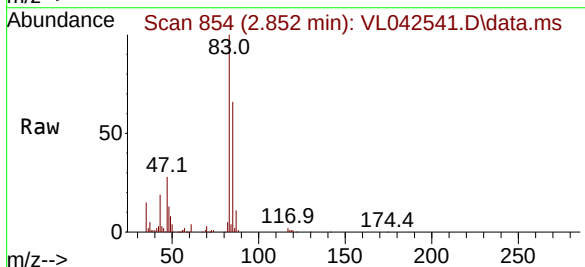
Manual Integrations
APPROVED

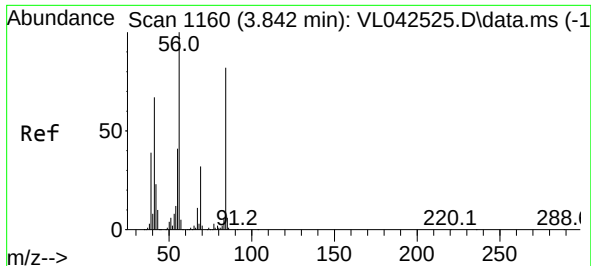
Reviewed By :Semsettin Yesilyurt 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025



#29
Chloroform
Concen: 1.629 ppbv
RT: 2.852 min Scan# 854
Delta R.T. 0.013 min
Lab File: VL042541.D
Acq: 14 May 2025 14:15

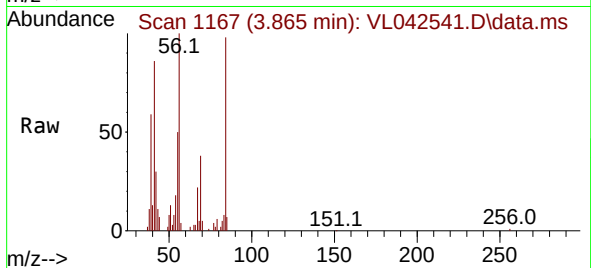
Tgt Ion: 83 Resp: 52359
Ion Ratio Lower Upper
83 100
85 66.2 53.5 80.3





#30
Cyclohexane
Concen: 1.350 ppbv
RT: 3.865 min Scan# 1160
Delta R.T. 0.022 min
Lab File: VL042541.D
Acq: 14 May 2025 14:15

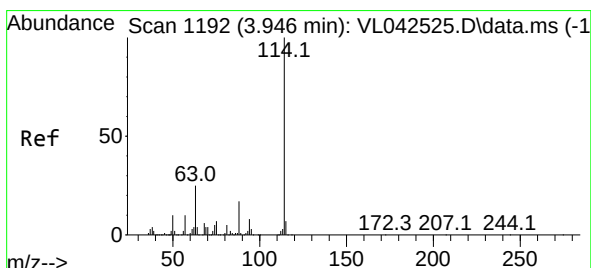
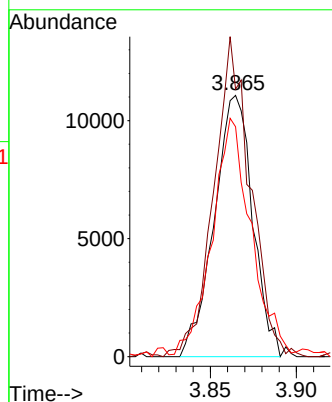
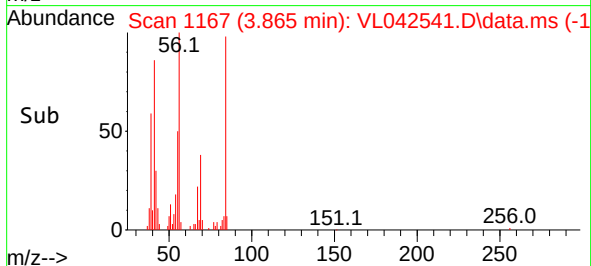
Instrument :
MSVOA_L
ClientSampleId :
IA1



Tgt Ion: 84 Resp: 17180
Ion Ratio Lower Upper
84 100
56 117.6 97.1 145.7
41 96.1 66.6 99.8

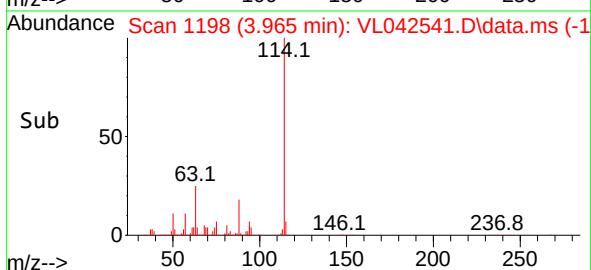
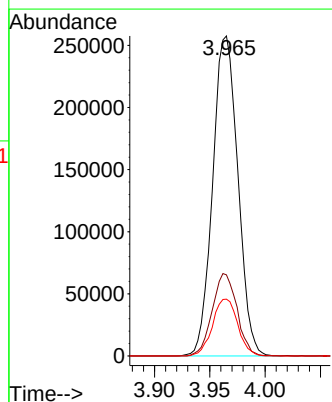
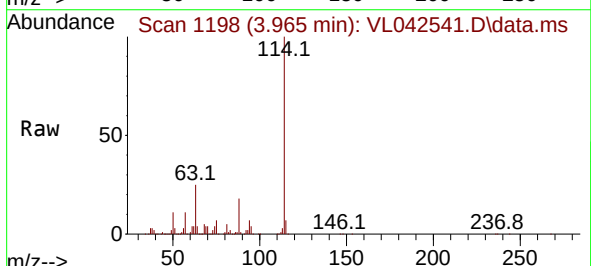
Manual Integrations
APPROVED

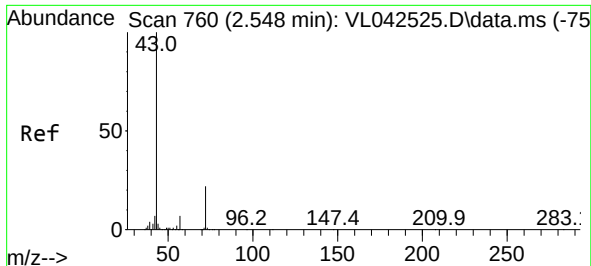
Reviewed By :Semsettin Yesilyurt 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.965 min Scan# 1198
Delta R.T. 0.019 min
Lab File: VL042541.D
Acq: 14 May 2025 14:15

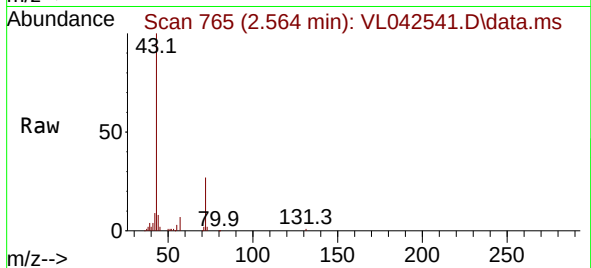
Tgt Ion:114 Resp: 408032
Ion Ratio Lower Upper
114 100
63 25.4 20.4 30.6
88 17.8 14.5 21.7





#34
2-Butanone
Concen: 0.822 ppbv
RT: 2.564 min Scan# 765
Delta R.T. 0.016 min
Lab File: VL042541.D
Acq: 14 May 2025 14:15

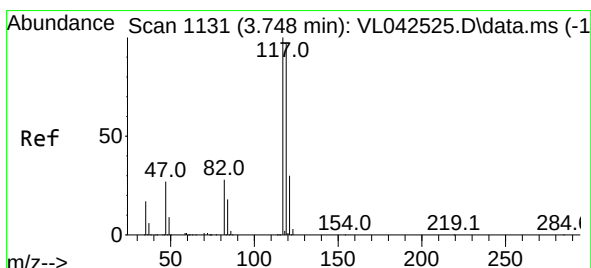
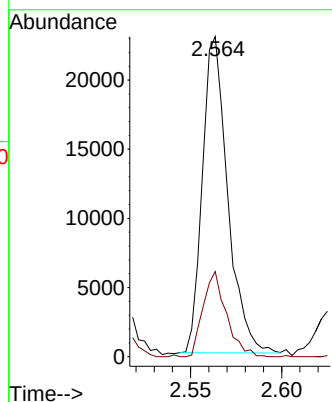
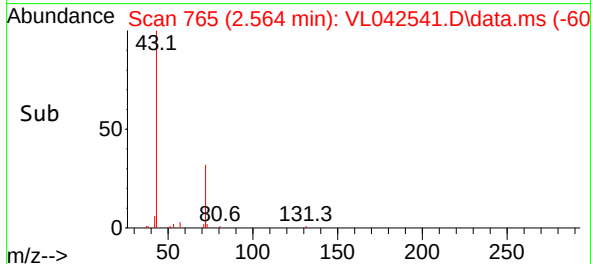
Instrument :
MSVOA_L
ClientSampleId :
IA1



Tgt Ion: 43 Resp: 22109
Ion Ratio Lower Upper
43 100
72 24.8 18.7 28.1

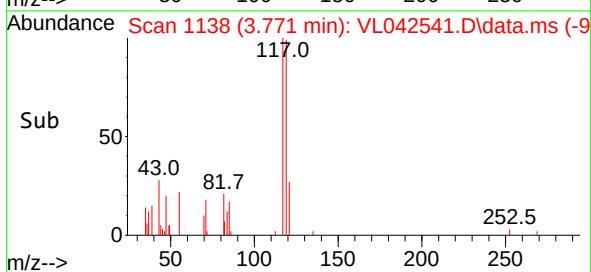
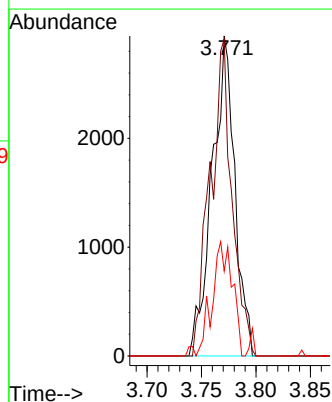
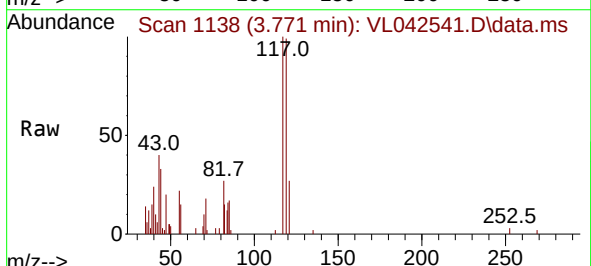
Manual Integrations
APPROVED

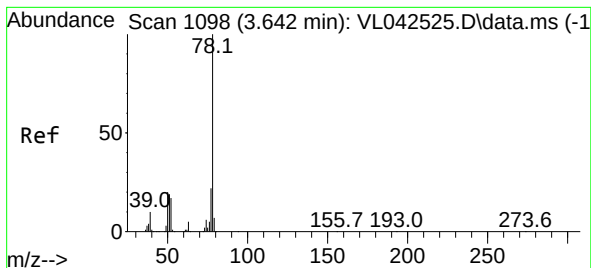
Reviewed By :Semsettin Yesilyurt 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025



#35
Carbon Tetrachloride
Concen: 0.117 ppbv m
RT: 3.771 min Scan# 1138
Delta R.T. 0.022 min
Lab File: VL042541.D
Acq: 14 May 2025 14:15

Tgt Ion:117 Resp: 4285
Ion Ratio Lower Upper
117 100
119 99.0 77.7 116.5
121 26.6 24.0 36.0





#36

Benzene

Concen: 0.471 ppbv

RT: 3.664 min Scan# 1105

Delta R.T. 0.022 min

Lab File: VL042541.D

Acq: 14 May 2025 14:15

Instrument :

MSVOA_L

ClientSampleId :

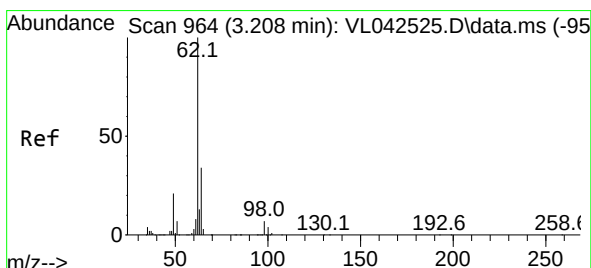
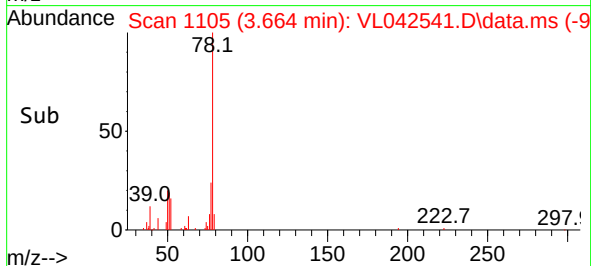
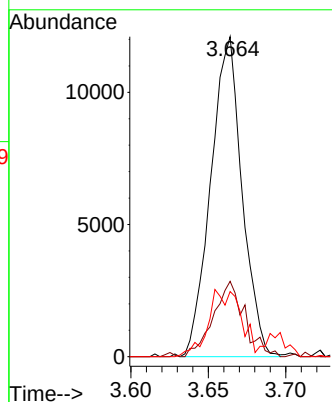
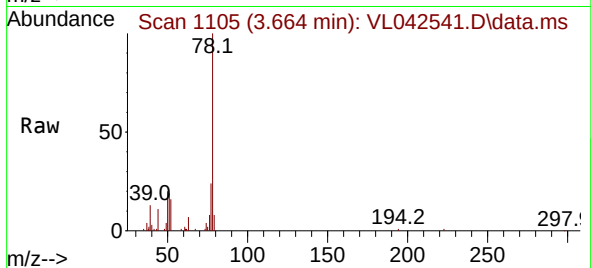
IA1

Tgt Ion:	78	Resp:	17040
Ion	Ratio	Lower	Upper
78	100		
77	23.6	17.4	26.2
50	19.9	16.3	24.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025



#37

1,2-Dichloroethane

Concen: 0.269 ppbv

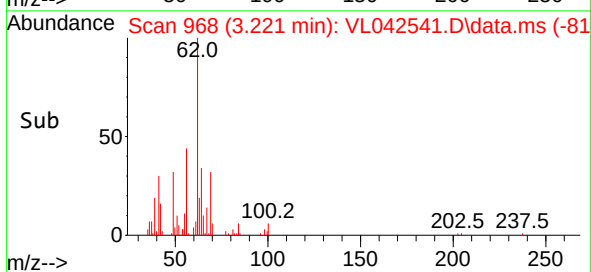
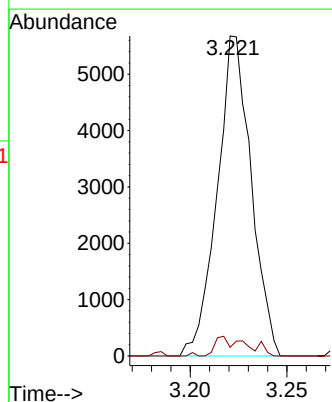
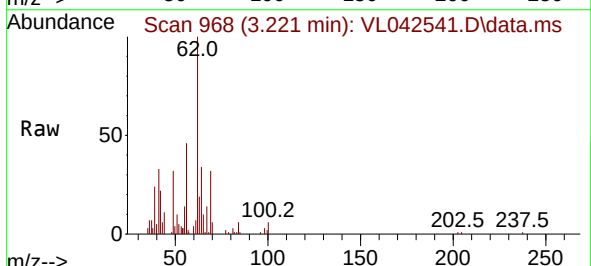
RT: 3.221 min Scan# 968

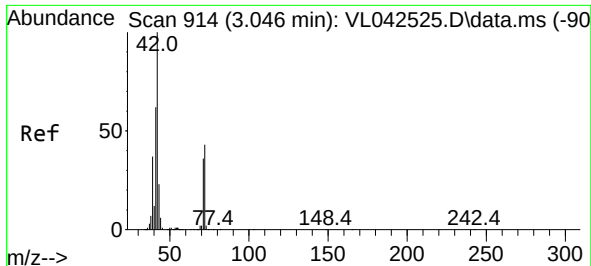
Delta R.T. 0.013 min

Lab File: VL042541.D

Acq: 14 May 2025 14:15

Tgt Ion:	62	Resp:	6929
Ion	Ratio	Lower	Upper
62	100		
98	5.8	5.0	7.4





#41

Tetrahydrofuran

Concen: 0.441 ppbv m

RT: 3.068 min Scan# 914

Delta R.T. 0.022 min

Lab File: VL042541.D

Acq: 14 May 2025 14:15

Instrument :

MSVOA_L

ClientSampleId :

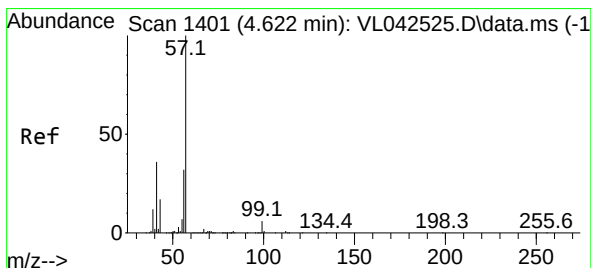
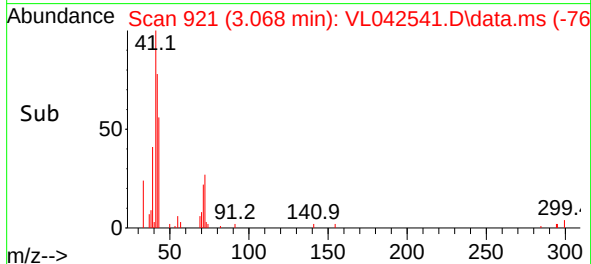
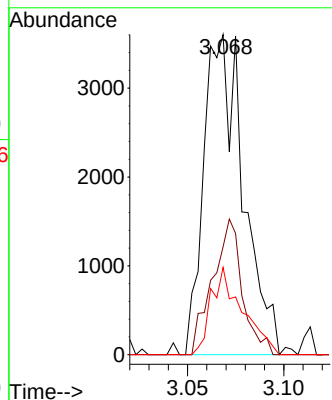
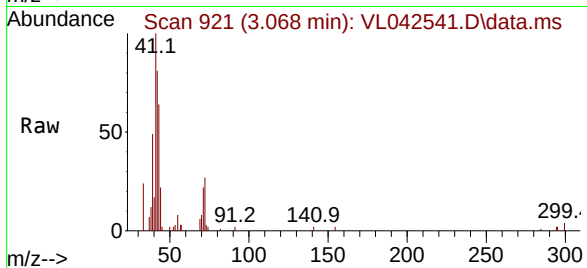
IA1

Tgt Ion:	42	Resp:	513
Ion Ratio	Lower	Upper	
42	100		
72	32.0	32.7	49.1
71	21.6	30.4	45.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025



#44

2,2,4-Trimethylpentane

Concen: 0.215 ppbv m

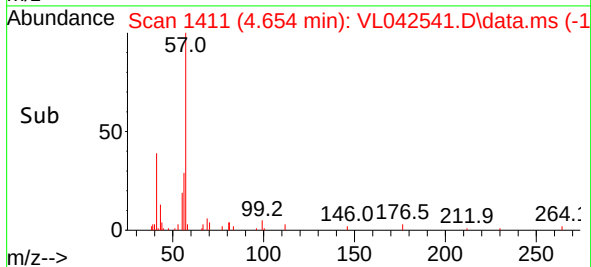
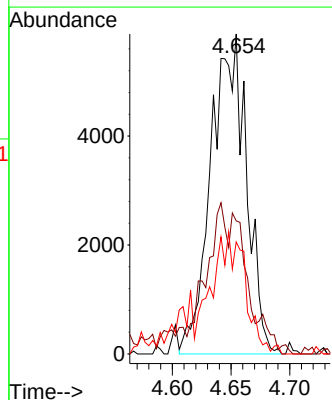
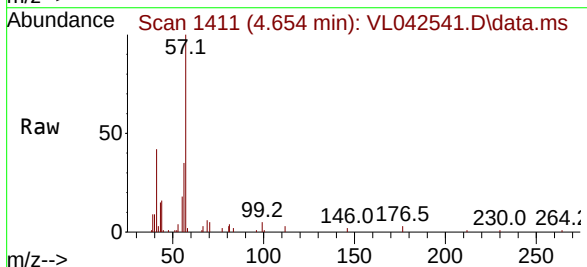
RT: 4.654 min Scan# 1411

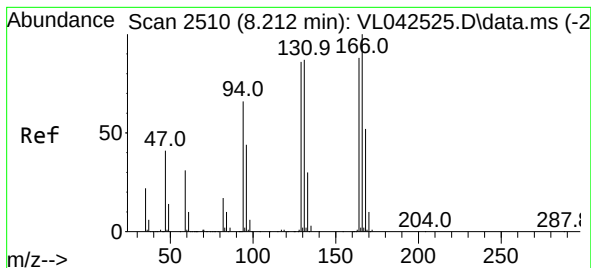
Delta R.T. 0.032 min

Lab File: VL042541.D

Acq: 14 May 2025 14:15

Tgt Ion:	57	Resp:	12329
Ion Ratio	Lower	Upper	
57	100		
41	60.9	28.3	42.5
56	0.0	25.9	38.9





#52

Tetrachloroethene

Concen: 0.251 ppbv

RT: 8.231 min Scan# 2118

Delta R.T. 0.019 min

Lab File: VL042541.D

Acq: 14 May 2025 14:15

Instrument :

MSVOA_L

ClientSampleId :

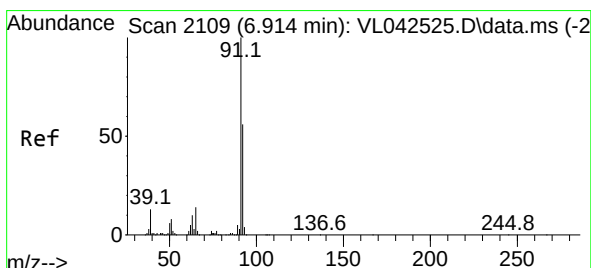
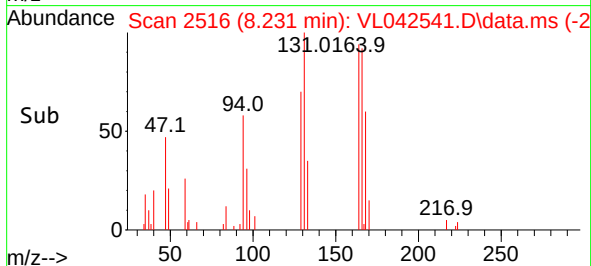
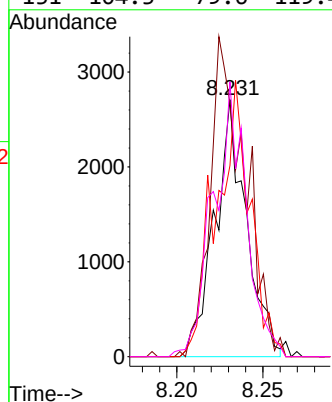
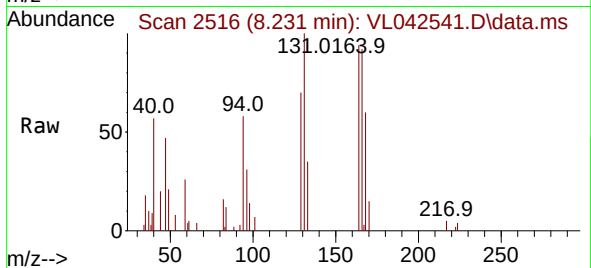
IA1

Tgt Ion:	164	Resp:	3460
Ion	Ratio	Lower	Upper
164	100		
166	96.6	91.3	136.9
129	74.4	78.9	118.3
131	104.3	79.6	119.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025



#53

Toluene

Concen: 2.701 ppbv

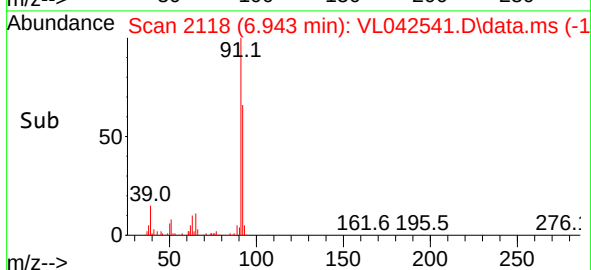
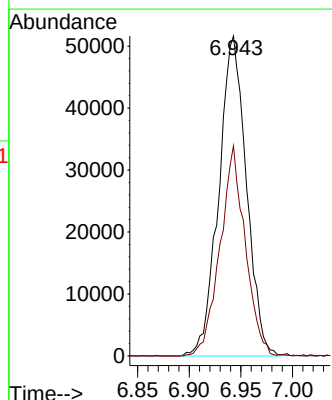
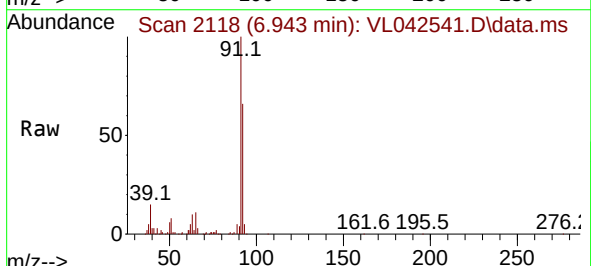
RT: 6.943 min Scan# 2118

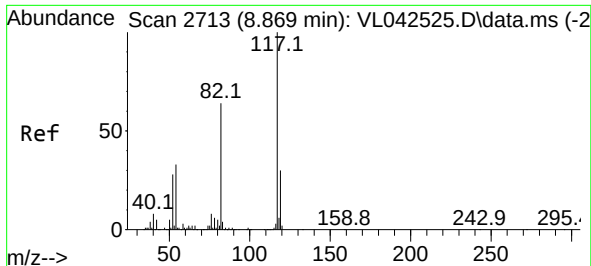
Delta R.T. 0.029 min

Lab File: VL042541.D

Acq: 14 May 2025 14:15

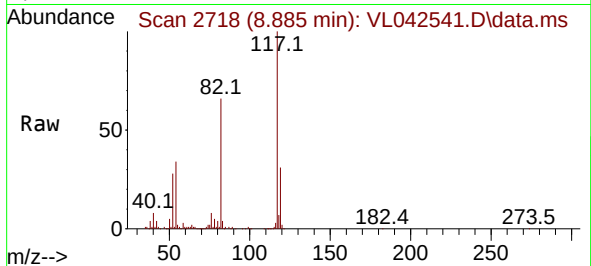
Tgt Ion:	91	Resp:	95844
Ion	Ratio	Lower	Upper
91	100		
92	60.2	47.8	71.6





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.885 min Scan# 2718
Delta R.T. 0.016 min
Lab File: VL042541.D
Acq: 14 May 2025 14:15

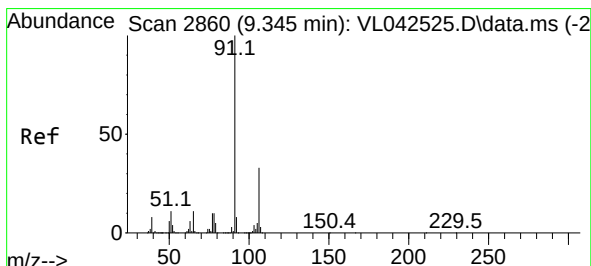
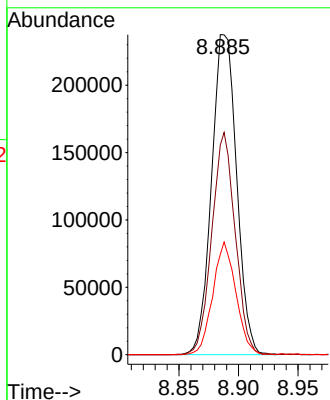
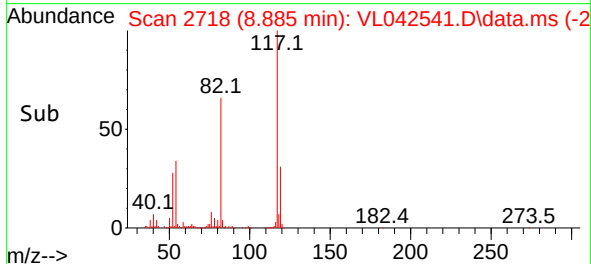
Instrument :
MSVOA_L
ClientSampleId :
IA1



Tgt Ion: 117 Resp: 347758
Ion Ratio Lower Upper
117 100
82 64.8 55.0 82.4
119 32.6 25.8 38.6

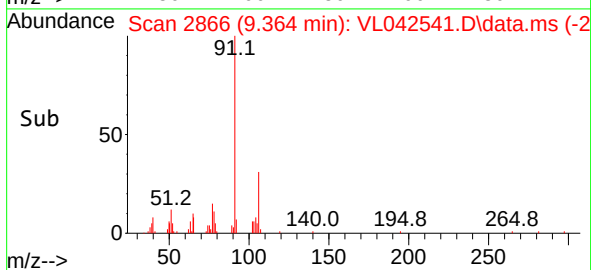
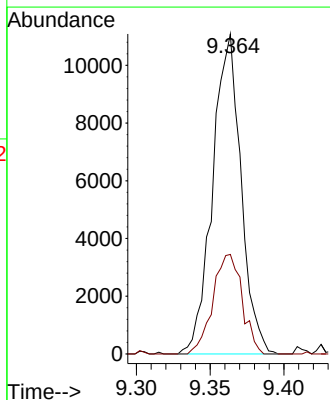
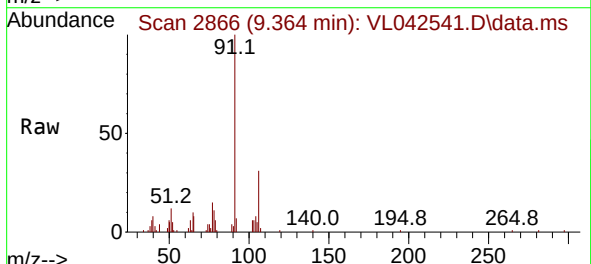
Manual Integrations
APPROVED

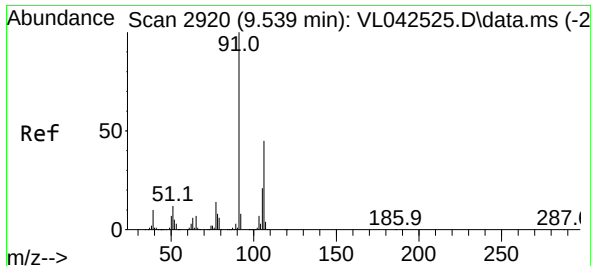
Reviewed By :Semsettin Yesilyurt 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025



#58
Ethyl Benzene
Concen: 0.313 ppbv
RT: 9.364 min Scan# 2866
Delta R.T. 0.019 min
Lab File: VL042541.D
Acq: 14 May 2025 14:15

Tgt Ion: 91 Resp: 14851
Ion Ratio Lower Upper
91 100
106 31.1 26.0 39.0





#59

m/p-Xylene

Concen: 0.911 ppbv

RT: 9.539 min Scan# 2920

Delta R.T. -0.000 min

Lab File: VL042541.D

Acq: 14 May 2025 14:15

Instrument :

MSVOA_L

ClientSampleId :

IA1

Tgt Ion: 91 Resp: 3833

Ion Ratio Lower Upper

91 100

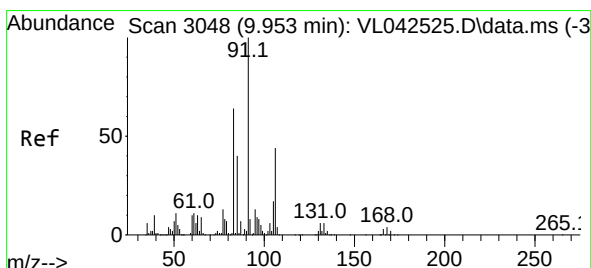
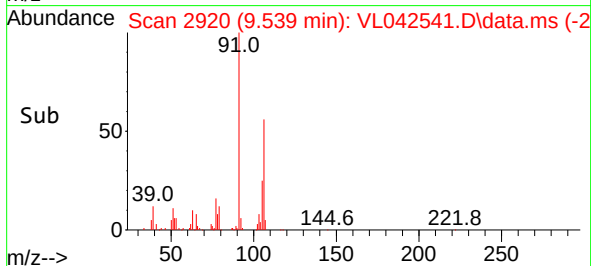
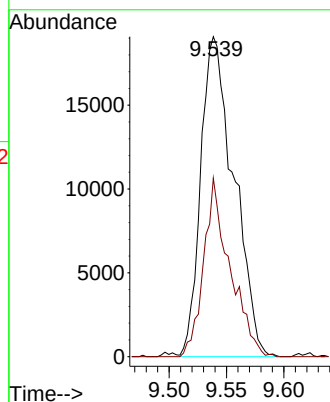
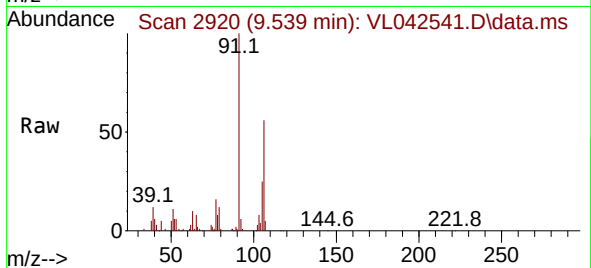
106 44.2 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/15/2025

Supervised By :Mahesh Dadoda 05/15/2025



#60

o-Xylene

Concen: 0.415 ppbv

RT: 9.969 min Scan# 3053

Delta R.T. 0.016 min

Lab File: VL042541.D

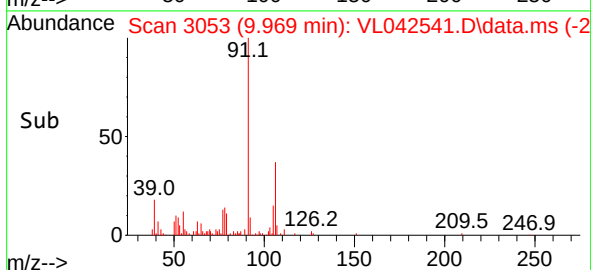
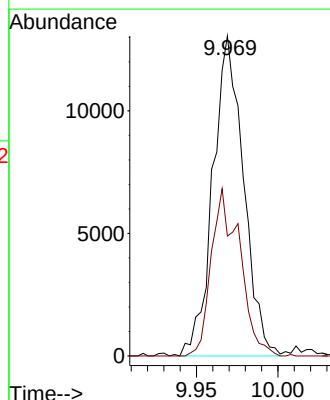
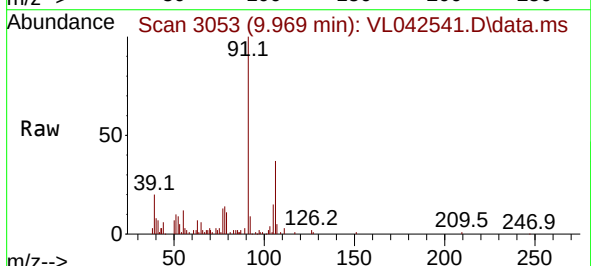
Acq: 14 May 2025 14:15

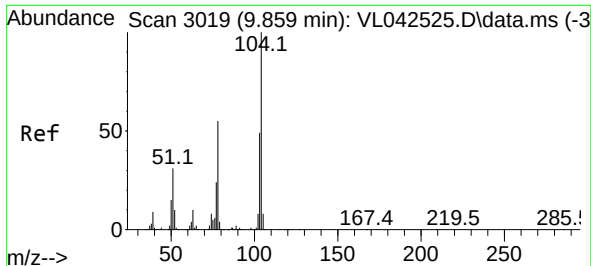
Tgt Ion: 91 Resp: 17042

Ion Ratio Lower Upper

91 100

106 48.7 21.6 64.6





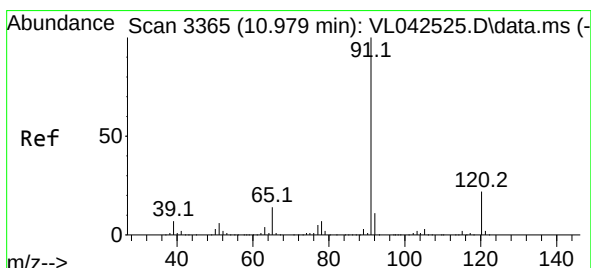
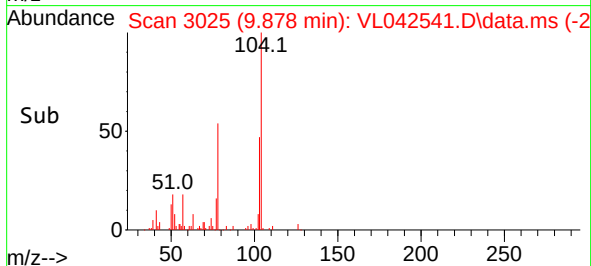
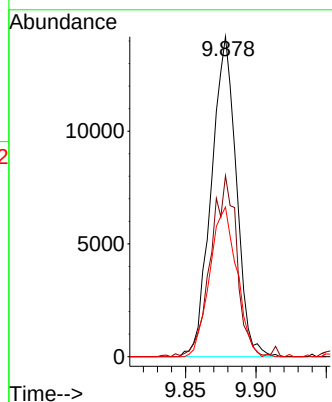
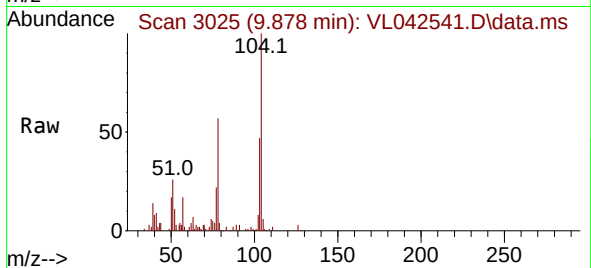
#61
Styrene
Concen: 1.151 ppbv
RT: 9.878 min Scan# 3019
Delta R.T. 0.019 min
Lab File: VL042541.D
Acq: 14 May 2025 14:15

Instrument :
MSVOA_L
ClientSampleId :
IA1

Tgt Ion:104 Resp: 1752
Ion Ratio Lower Upper
104 100
78 59.7 44.7 67.1
103 50.8 38.6 58.0

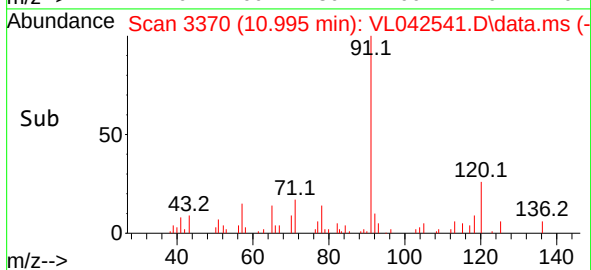
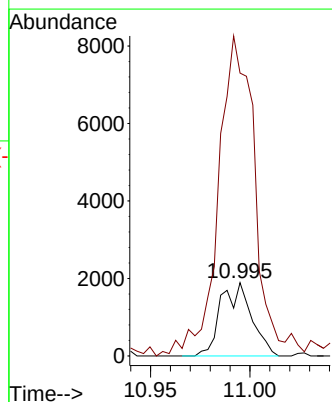
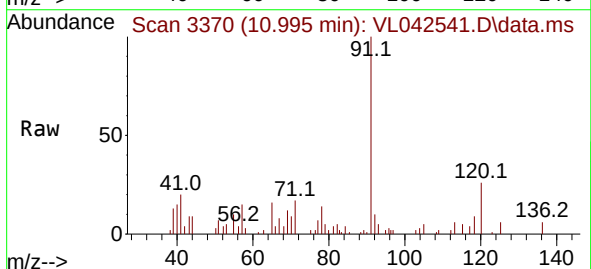
Manual Integrations
APPROVED

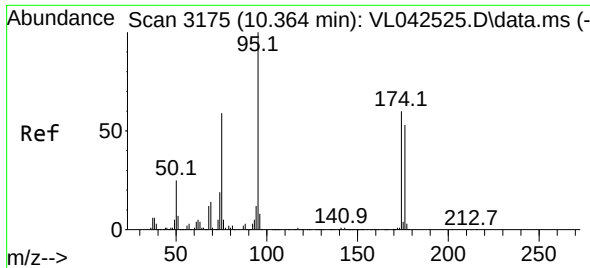
Reviewed By :Semsettin Yesilyurt 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025



#64
n-propylbenzene
Concen: 0.130 ppbv m
RT: 10.995 min Scan# 3370
Delta R.T. 0.016 min
Lab File: VL042541.D
Acq: 14 May 2025 14:15

Tgt Ion:120 Resp: 2044
Ion Ratio Lower Upper
120 100
91 24.5 377.7 566.5#





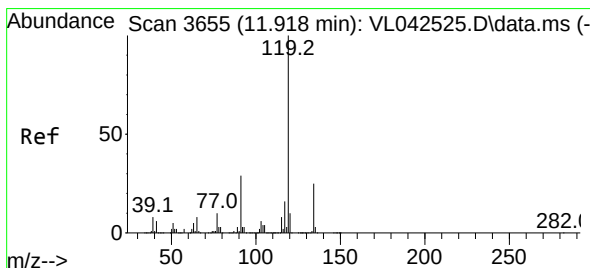
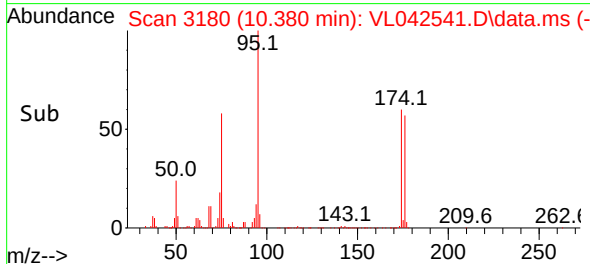
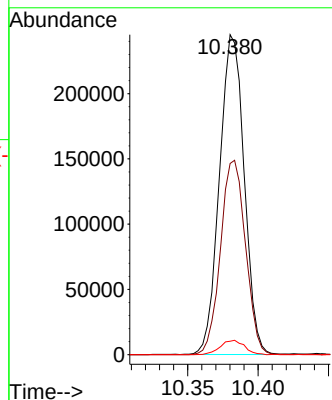
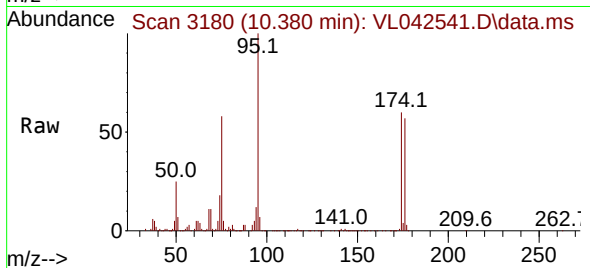
#68
1-Bromo-4-Fluorobenzene
Concen: 9.897 ppbv
RT: 10.380 min Scan# 3175
Delta R.T. 0.016 min
Lab File: VL042541.D
Acq: 14 May 2025 14:15

Instrument :
MSVOA_L
ClientSampleId :
IA1

Tgt Ion: 95 Resp: 29946
Ion Ratio Lower Upper
95 100
174 61.6 48.0 72.0
175 4.4 3.5 5.3

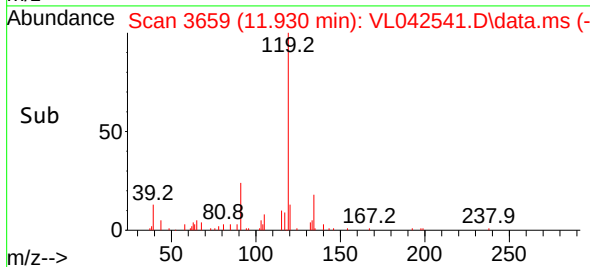
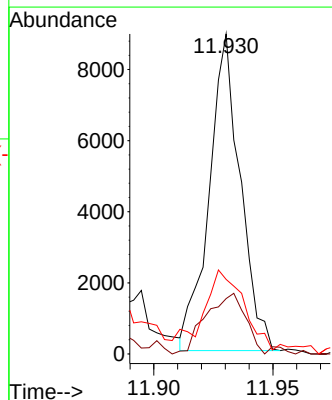
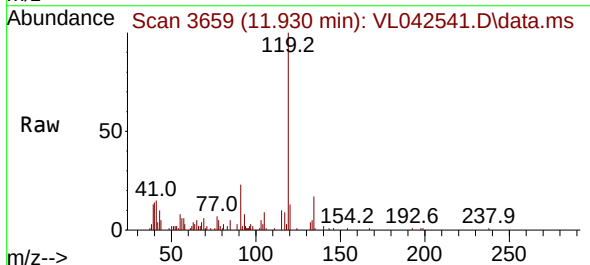
Manual Integrations
APPROVED

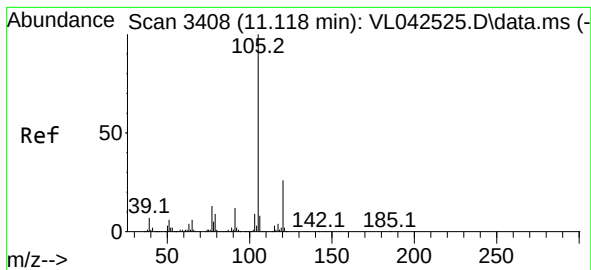
Reviewed By :Semsettin Yesilyurt 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025



#69
p-Isopropyltoluene
Concen: 0.121 ppbv
RT: 11.930 min Scan# 3659
Delta R.T. 0.013 min
Lab File: VL042541.D
Acq: 14 May 2025 14:15

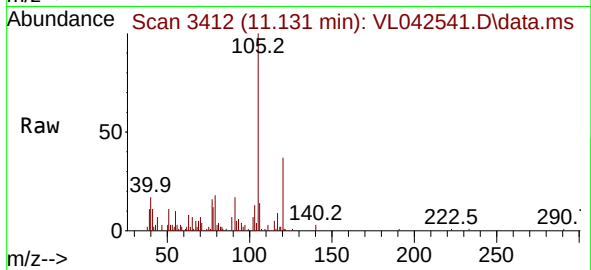
Tgt Ion:119 Resp: 8127
Ion Ratio Lower Upper
119 100
134 25.6 19.8 29.6
91 33.6 23.6 35.4





#72
4-Ethyltoluene
Concen: 0.185 ppbv
RT: 11.131 min Scan# 3412
Delta R.T. 0.013 min
Lab File: VL042541.D
Acq: 14 May 2025 14:15

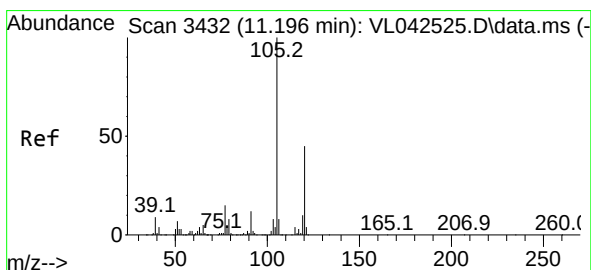
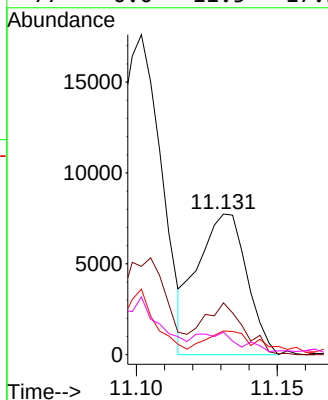
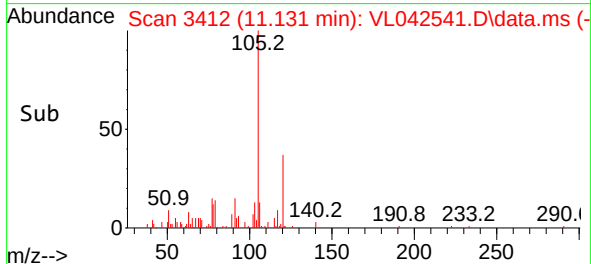
Instrument :
MSVOA_L
ClientSampleId :
IA1



Tgt Ion:105 Resp: 944
Ion Ratio Lower Upper
105 100
120 0.0 22.9 34.3
91 16.8 10.9 16.3
77 0.0 11.5 17.3#

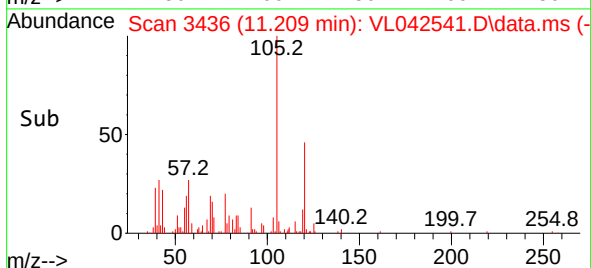
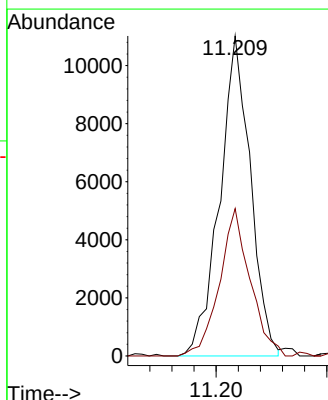
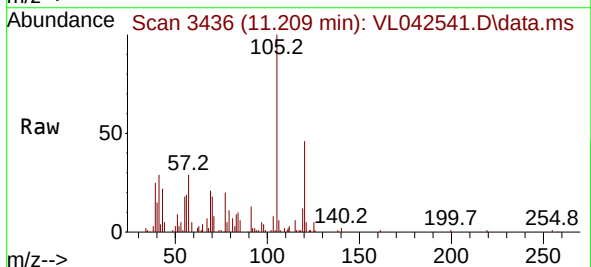
Manual Integrations
APPROVED

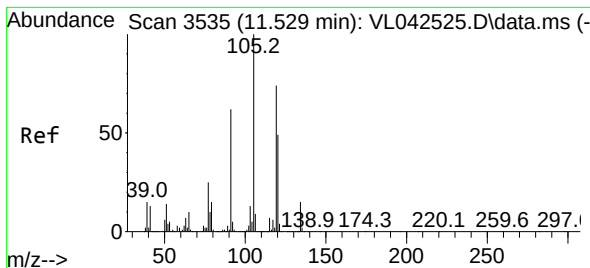
Reviewed By :Semsettin Yesilyurt 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025



#73
1,3,5-Trimethylbenzene
Concen: 0.239 ppbv
RT: 11.209 min Scan# 3436
Delta R.T. 0.013 min
Lab File: VL042541.D
Acq: 14 May 2025 14:15

Tgt Ion:105 Resp: 10634
Ion Ratio Lower Upper
105 100
120 46.1 36.0 54.0





#74

1,2,4-Trimethylbenzene

Concen: 0.599 ppbv

RT: 11.542 min Scan# 3539

Delta R.T. 0.013 min

Lab File: VL042541.D

Acq: 14 May 2025 14:15

Instrument :

MSVOA_L

ClientSampleId :

IA1

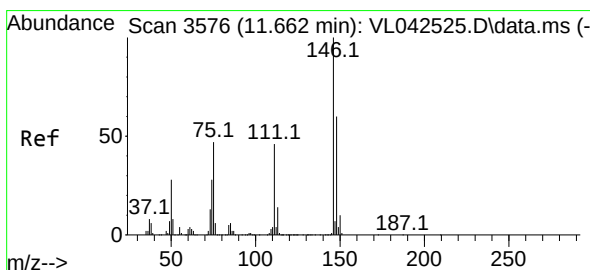
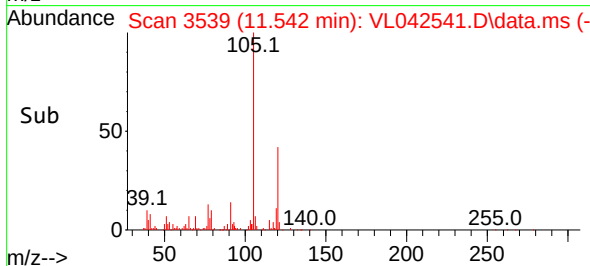
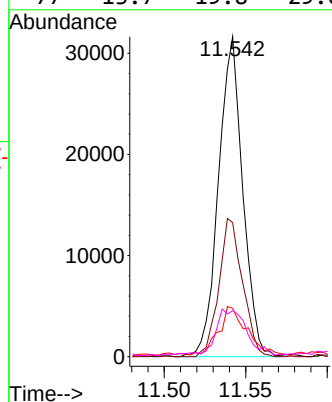
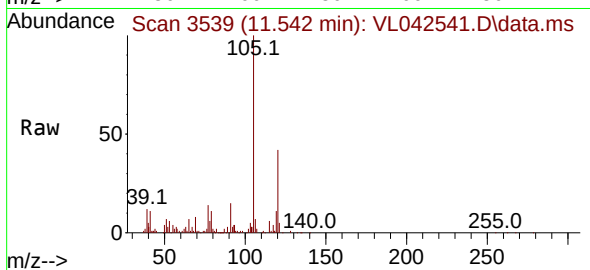
Tgt Ion:	105	Resp:	3273
Ion Ratio	Lower	Upper	
105	100		
120	41.9	39.0	58.6
91	14.1	49.4	74.2
77	13.7	19.8	29.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/15/2025

Supervised By :Mahesh Dadoda 05/15/2025



#76

1,4-Dichlorobenzene

Concen: 19.620 ppbv

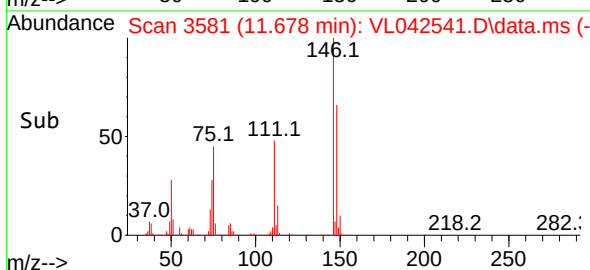
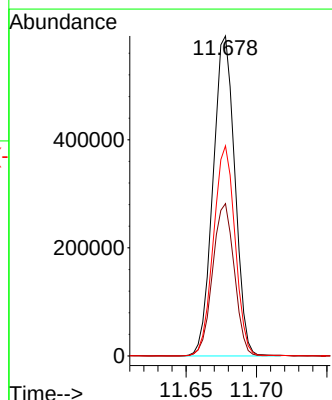
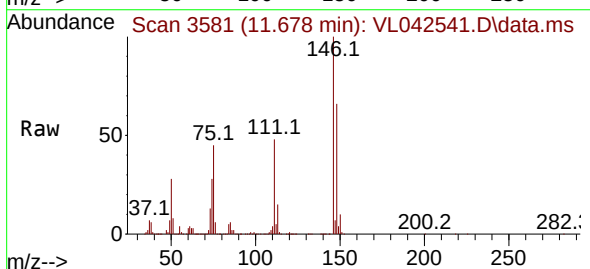
RT: 11.678 min Scan# 3581

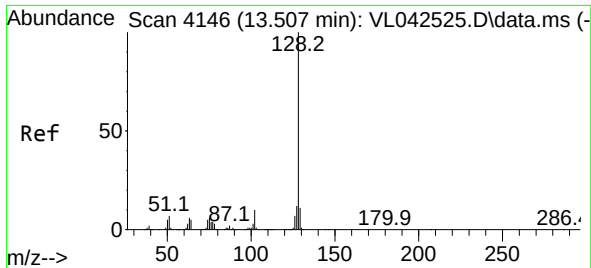
Delta R.T. 0.016 min

Lab File: VL042541.D

Acq: 14 May 2025 14:15

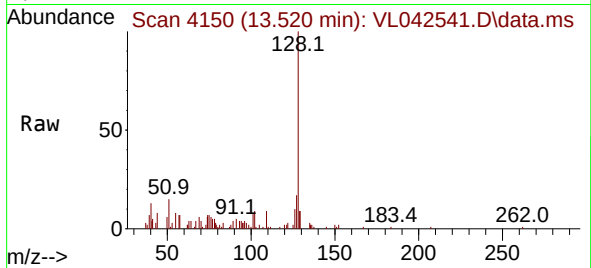
Tgt Ion:	146	Resp:	638942
Ion Ratio	Lower	Upper	
146	100		
111	47.6	23.4	70.3
148	65.1	31.6	94.7





#79
Naphthalene
Concen: 0.204 ppbv
RT: 13.520 min Scan# 4146
Delta R.T. 0.013 min
Lab File: VL042541.D
Acq: 14 May 2025 14:15

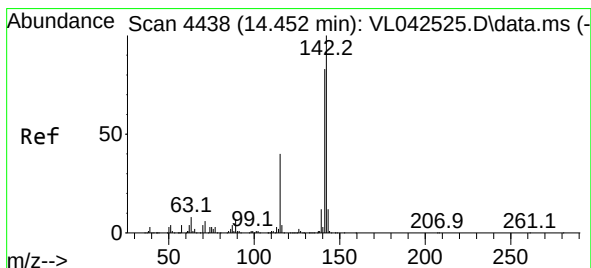
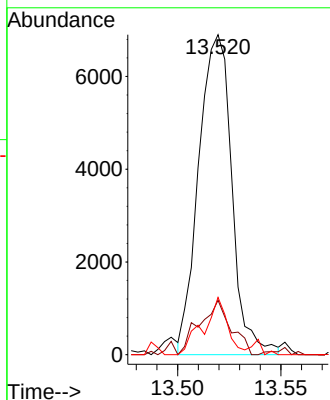
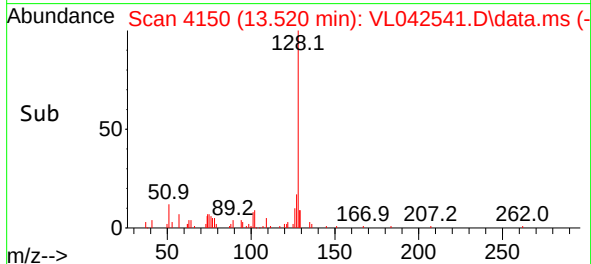
Instrument :
MSVOA_L
ClientSampleId :
IA1



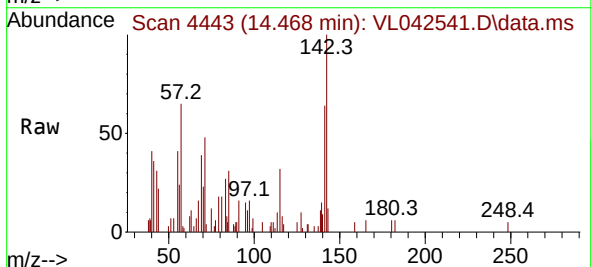
Tgt Ion:128 Resp: 7709
Ion Ratio Lower Upper
128 100
127 17.4 9.8 14.8
129 18.3 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025



#80
Naphthalene,2-methyl-
Concen: 0.130 ppbv
RT: 14.468 min Scan# 4443
Delta R.T. 0.016 min
Lab File: VL042541.D
Acq: 14 May 2025 14:15



Tgt Ion:142 Resp: 2848
Ion Ratio Lower Upper
142 100
141 90.7 66.8 100.2
115 57.1 33.0 49.6

