

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL051425\
 Data File : VL042542.D
 Acq On : 14 May 2025 14:50
 Operator : SY/MD
 Sample : Q2037-02DUP
 Misc : 400mL/MSVOA_L
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1DUP

Manual Integrations
 APPROVED

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

Quant Time: May 15 01:35:31 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	128941	10.000	ppbv	0.01
33) 1,4-Difluorobenzene	3.965	114	393473	10.000	ppbv	0.02
55) Chlorobenzene-d5	8.888	117	334639	10.000	ppbv	0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.380	95	292296	10.039	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.400%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.499	85	9815	0.469	ppbv	97
3) Chlorodifluoromethane	1.480	51	37484m	1.757	ppbv	
4) Chloromethane	1.535	50	6528	0.764	ppbv	92
9) Propene	1.489	41	25741	5.563	ppbv #	85
10) Heptane	4.985	43	5499m	0.311	ppbv	
11) Trichlorofluoromethane	1.881	101	4544	0.226	ppbv	93
13) Ethanol	1.726	45	399061	320.622	ppbv	99
15) Acetone	1.839	43	346225m	16.659	ppbv	
17) tert-Butyl alcohol	2.049	59	10067	0.529	ppbv #	72
19) Isopropyl Alcohol	1.887	45	236447	21.125	ppbv #	1
20) Methylene Chloride	2.065	84	6594	0.919	ppbv	87
26) Hexane	2.833	57	54531	3.671	ppbv #	52
29) Chloroform	2.852	83	51478	1.671	ppbv	91
30) Cyclohexane	3.865	84	17618	1.445	ppbv	96
34) 2-Butanone	2.561	43	23581	0.909	ppbv	95
35) Carbon Tetrachloride	3.768	117	4225m	0.119	ppbv	
36) Benzene	3.661	78	17331	0.497	ppbv #	91
37) 1,2-Dichloroethane	3.224	62	6459	0.260	ppbv #	94
41) Tetrahydrofuran	3.062	42	5254	0.468	ppbv	89
44) 2,2,4-Trimethylpentane	4.648	57	13050m	0.236	ppbv	
52) Tetrachloroethene	8.231	164	3386m	0.254	ppbv	
53) Toluene	6.946	91	96387	2.817	ppbv	97
58) Ethyl Benzene	9.364	91	14843	0.325	ppbv	96
59) m/p-Xylene	9.536	91	39401	0.973	ppbv #	100
60) o-Xylene	9.969	91	18271	0.462	ppbv	96
61) Styrene	9.882	104	17637m	1.204	ppbv	
64) n-propylbenzene	10.995	120	1997m	0.132	ppbv	
69) p-Isopropyltoluene	11.927	119	7642	0.119	ppbv #	85
72) 4-Ethyltoluene	11.128	105	10247	0.209	ppbv #	89
73) 1,3,5-Trimethylbenzene	11.209	105	10686	0.250	ppbv #	81
74) 1,2,4-Trimethylbenzene	11.539	105	32828	0.624	ppbv #	62
76) 1,4-Dichlorobenzene	11.678	146	639635	20.411	ppbv	99
79) Naphthalene	13.520	128	7230	0.198	ppbv #	95
80) Naphthalene,2-methyl-	14.462	142	2256	0.107	ppbv #	74

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

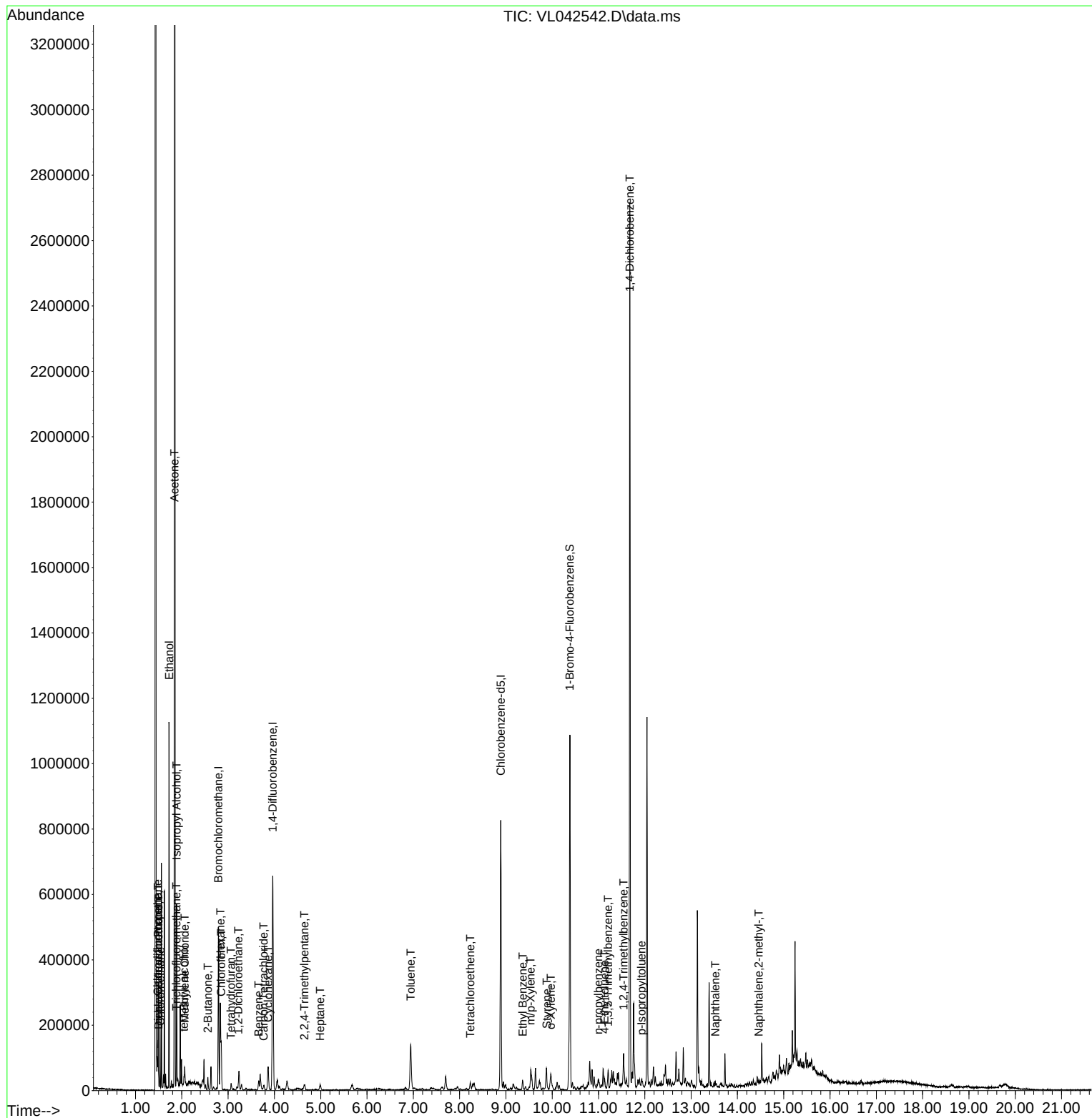
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL051425\
Data File : VL042542.D
Acq On : 14 May 2025 14:50
Operator : SY/MD
Sample : Q2037-02DUP
Misc : 400mL/MSVOA_L
ALS Vial : 6 Sample Multiplier: 1

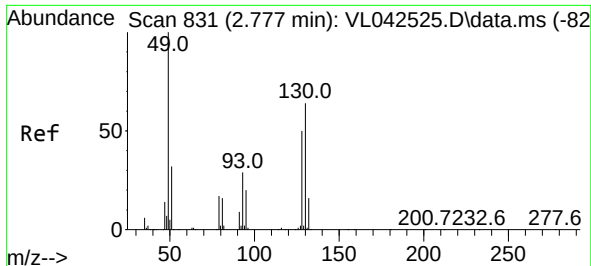
Instrument :
MSVOA_L
ClientSampleId :
IA1DUP

Quant Time: May 15 01:35:31 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL051225AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Tue May 13 02:07:03 2025
Response via : Initial Calibration

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





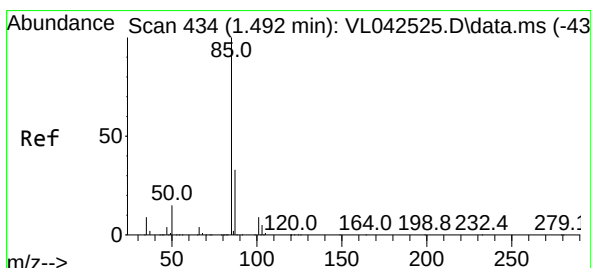
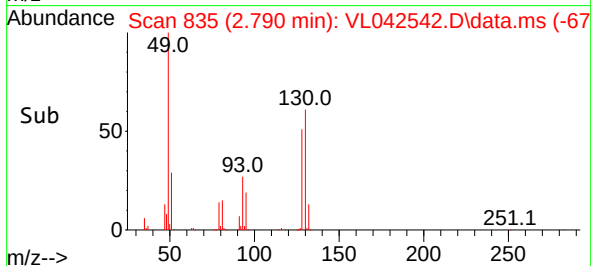
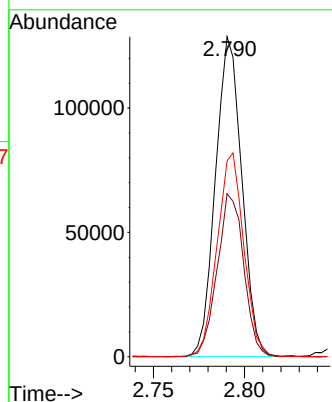
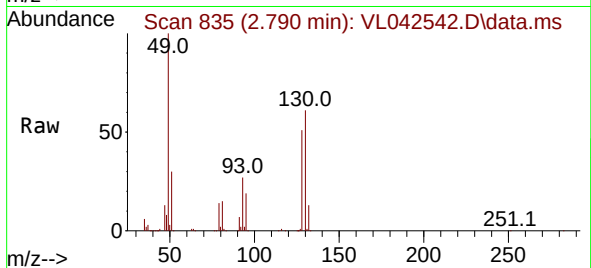
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.790 min Scan# 81
Delta R.T. 0.013 min
Lab File: VL042542.D
Acq: 14 May 2025 14:50

Instrument :
MSVOA_L
ClientSampleId :
IA1DUP

Tgt Ion: 49 Resp: 12894
Ion Ratio Lower Upper
49 100
128 51.5 24.9 74.6
130 64.8 32.5 97.5

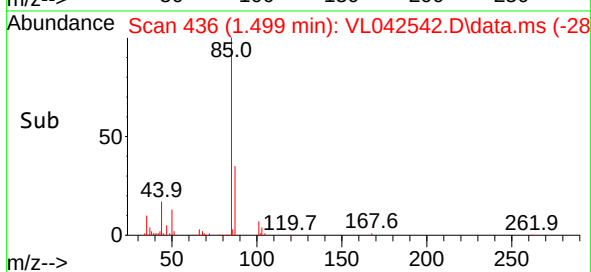
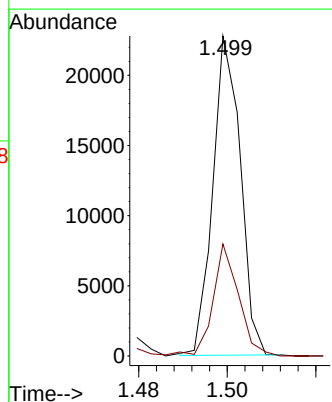
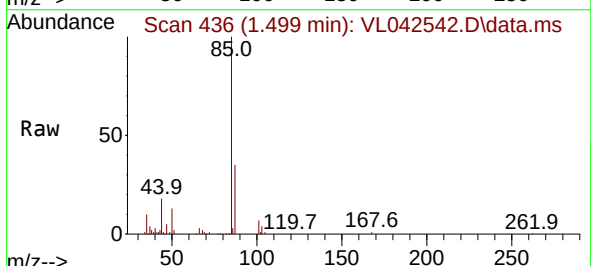
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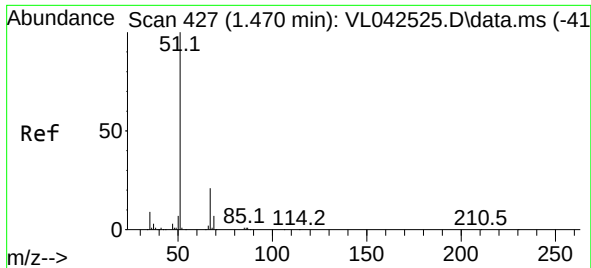
Reviewed By :Semsettin Yesilyurt 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025



#2
Dichlorodifluoromethane
Concen: 0.469 ppbv
RT: 1.499 min Scan# 436
Delta R.T. 0.007 min
Lab File: VL042542.D
Acq: 14 May 2025 14:50

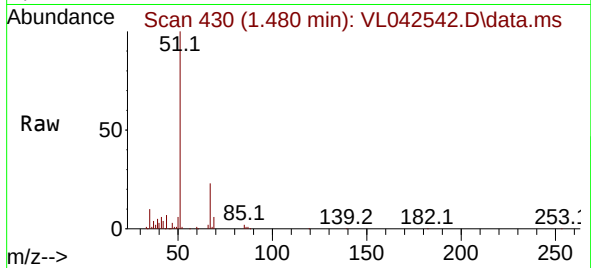
Tgt Ion: 85 Resp: 9815
Ion Ratio Lower Upper
85 100
87 35.1 26.8 40.2





#3
Chlorodifluoromethane
Concen: 1.757 ppbv m
RT: 1.480 min Scan# 41
Delta R.T. 0.010 min
Lab File: VL042542.D
Acq: 14 May 2025 14:50

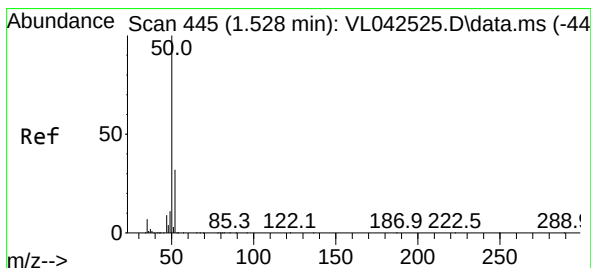
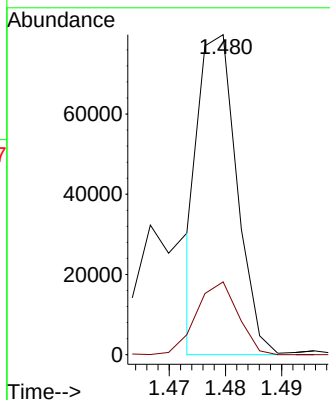
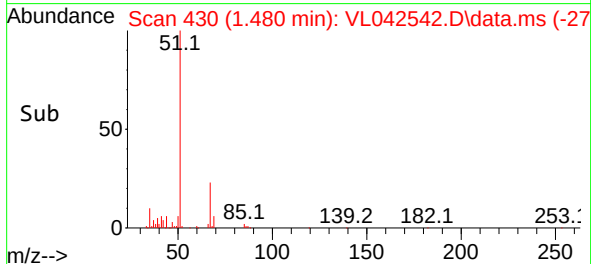
Instrument :
MSVOA_L
ClientSampleId :
IA1DUP



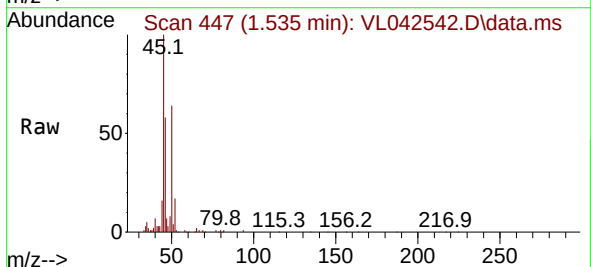
Tgt Ion: 51 Resp: 37484
Ion Ratio Lower Upper
51 100
67 25.2 17.4 26.0

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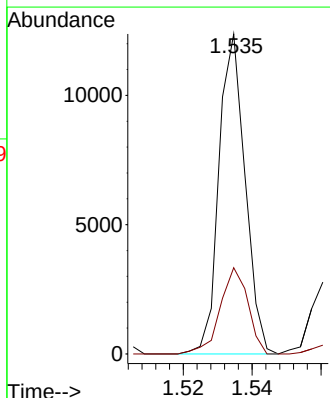
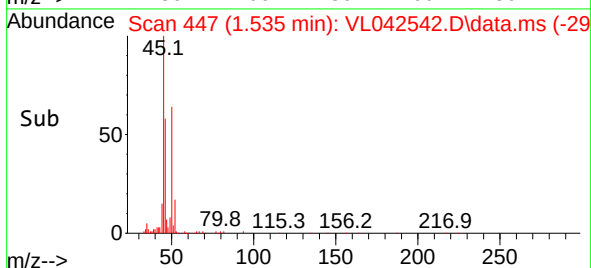
Reviewed By :Semsettin Yesilyurt 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025

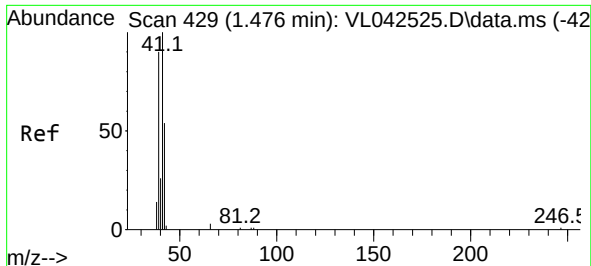


#4
Chloromethane
Concen: 0.764 ppbv
RT: 1.535 min Scan# 447
Delta R.T. 0.007 min
Lab File: VL042542.D
Acq: 14 May 2025 14:50



Tgt Ion: 50 Resp: 6528
Ion Ratio Lower Upper
50 100
52 28.0 25.9 38.9





#9

Propene

Concen: 5.563 ppbv

RT: 1.489 min Scan# 41

Delta R.T. 0.013 min

Lab File: VL042542.D

Acq: 14 May 2025 14:50

Instrument :

MSVOA_L

ClientSampleId :

IA1DUP

Tgt Ion: 41 Resp: 2574

Ion Ratio Lower Upper

41 100

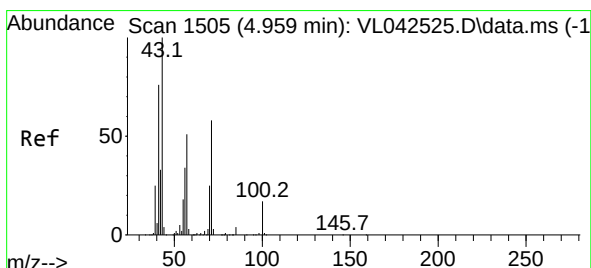
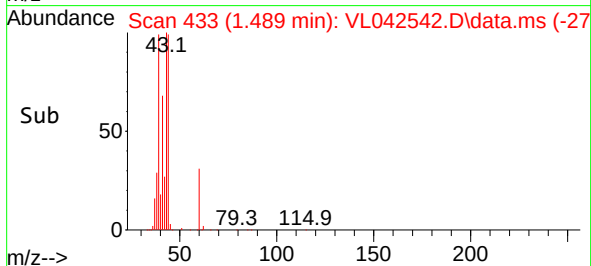
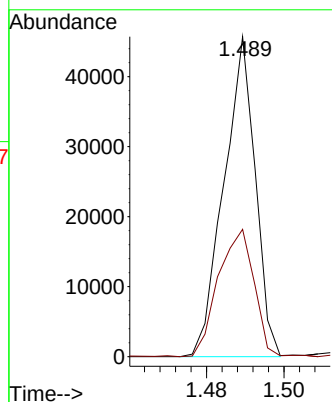
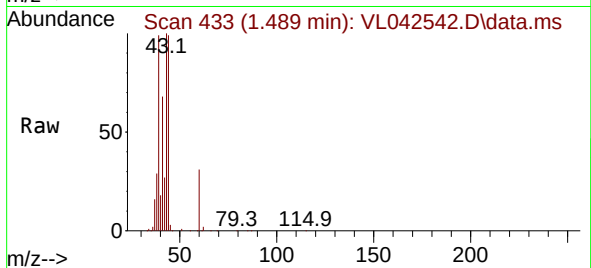
42 0.0 4.1 6.1

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 05/15/2025

Supervised By :Mahesh Dadoda 05/15/2025



#10

Heptane

Concen: 0.311 ppbv m

RT: 4.985 min Scan# 1513

Delta R.T. 0.026 min

Lab File: VL042542.D

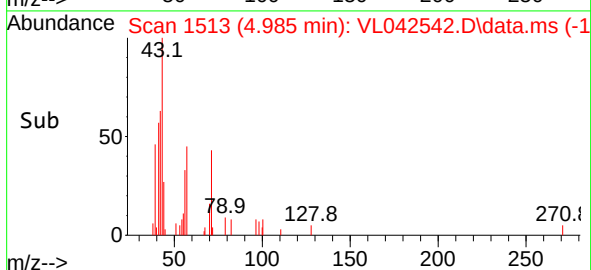
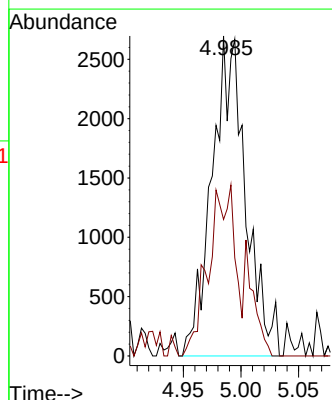
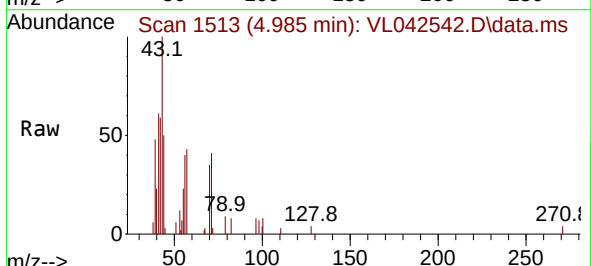
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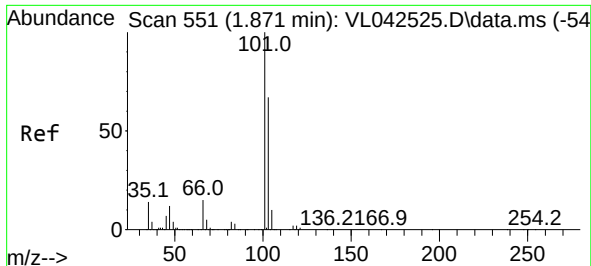
Tgt Ion: 43 Resp: 5499

Ion Ratio Lower Upper

43 100

57 0.0 42.1 63.1





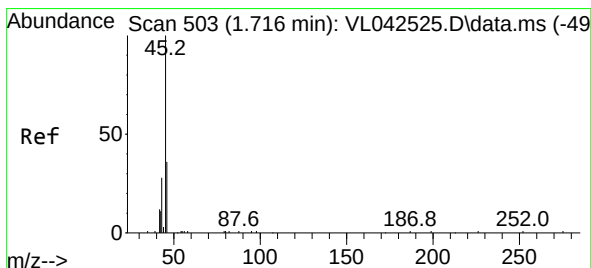
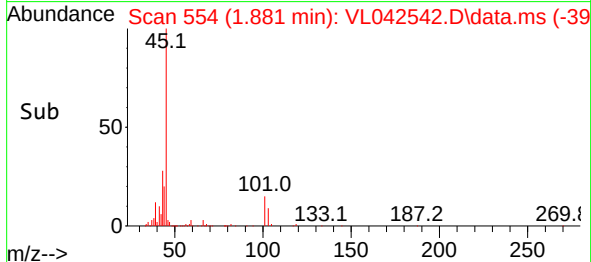
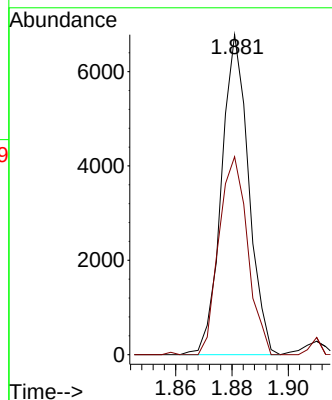
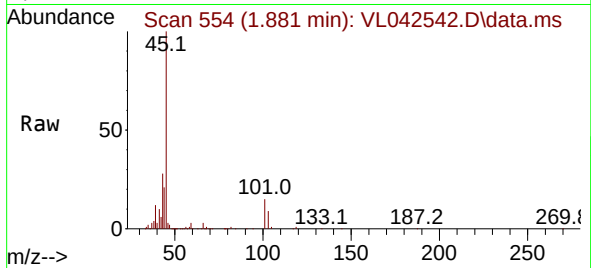
#11
Trichlorofluoromethane
Concen: 0.226 ppbv
RT: 1.881 min Scan# 506
Delta R.T. 0.010 min
Lab File: VL042542.D
Acq: 14 May 2025 14:50

Instrument :
MSVOA_L
ClientSampleId :
IA1DUP

Tgt Ion:101 Resp: 4544
Ion Ratio Lower Upper
101 100
103 61.9 53.8 80.6

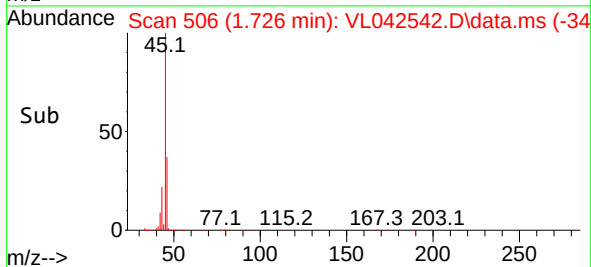
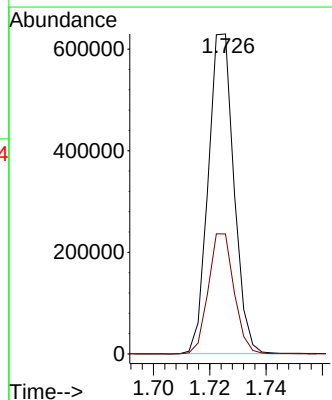
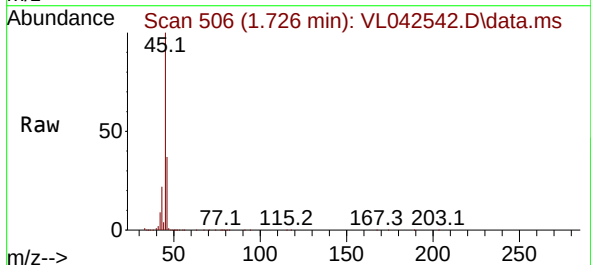
Manual Integrations
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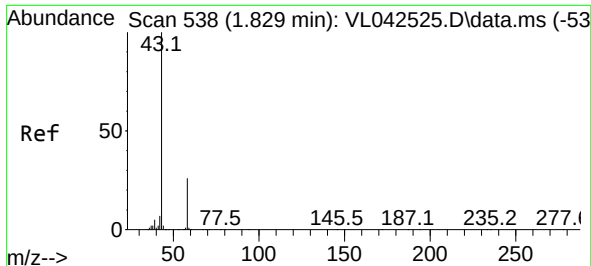
Reviewed By :Semsettin Yesilyurt 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025



#13
Ethanol
Concen: 320.622 ppbv
RT: 1.726 min Scan# 506
Delta R.T. 0.010 min
Lab File: VL042542.D
Acq: 14 May 2025 14:50

Tgt Ion: 45 Resp: 399061
Ion Ratio Lower Upper
45 100
46 37.9 14.8 59.4





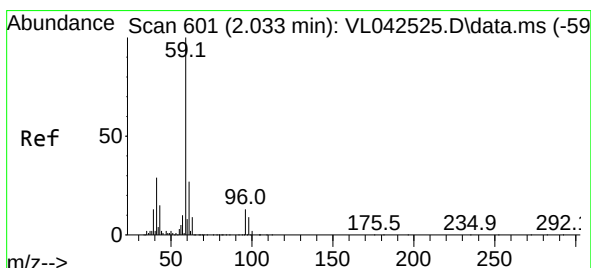
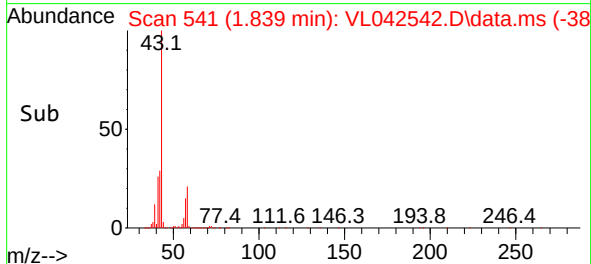
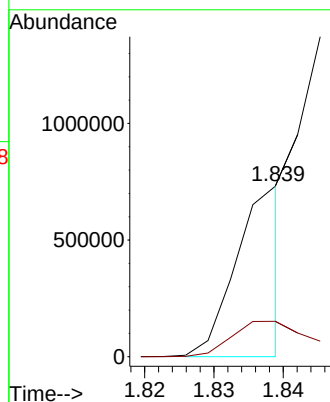
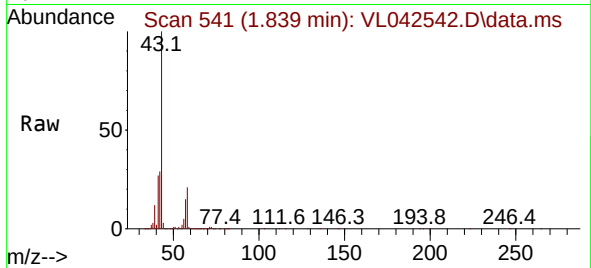
#15
Acetone
Concen: 16.659 ppbv m
RT: 1.839 min Scan# 541
Delta R.T. 0.010 min
Lab File: VL042542.D
Acq: 14 May 2025 14:50

Instrument :
MSVOA_L
ClientSampleId :
IA1DUP

Tgt Ion: 43 Resp: 346225
Ion Ratio Lower Upper
43 100
58 37.9 21.3 31.9

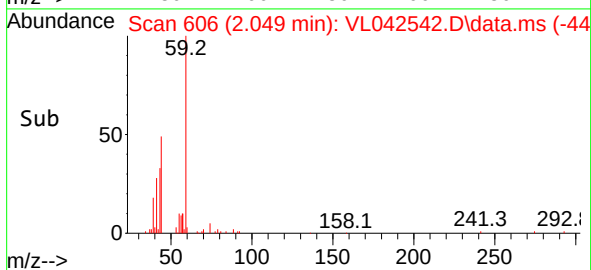
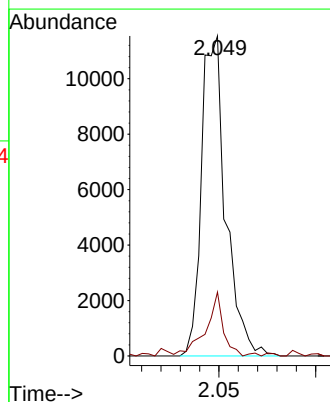
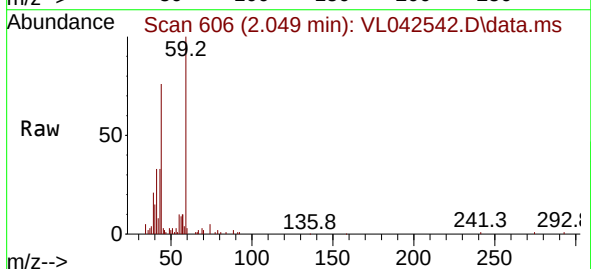
Manual Integrations
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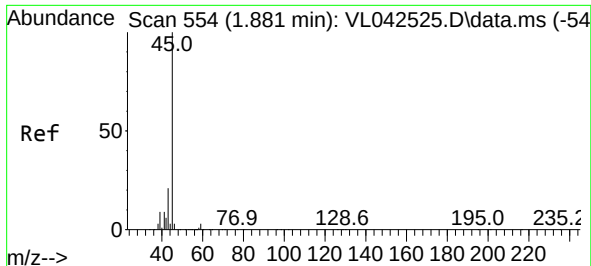
Reviewed By :Semsettin Yesilyurt 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025



#17
tert-Butyl alcohol
Concen: 0.529 ppbv
RT: 2.049 min Scan# 606
Delta R.T. 0.016 min
Lab File: VL042542.D
Acq: 14 May 2025 14:50

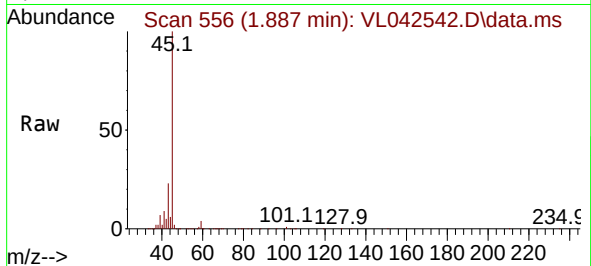
Tgt Ion: 59 Resp: 10067
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4





#19
Isopropyl Alcohol
Concen: 21.125 ppbv
RT: 1.887 min Scan# 511
Delta R.T. 0.007 min
Lab File: VL042542.D
Acq: 14 May 2025 14:50

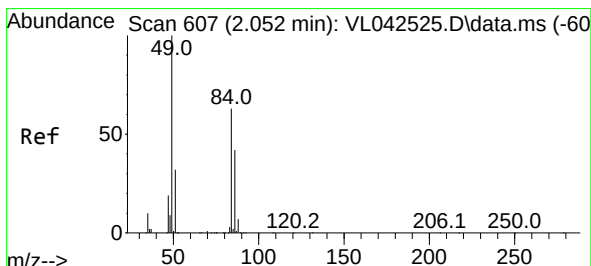
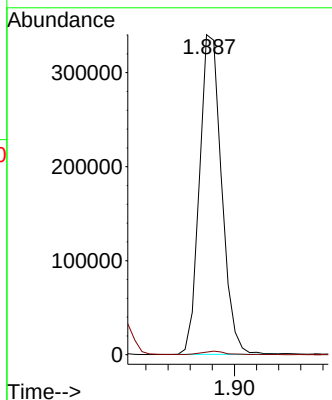
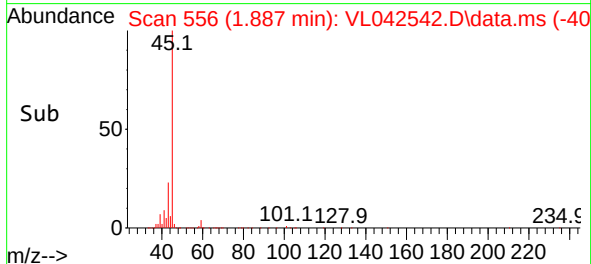
Instrument :
MSVOA_L
ClientSampleId :
IA1DUP



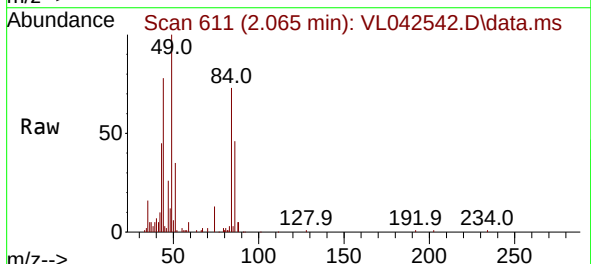
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Ion Ratio Lower Upper
45 100
58 55.4 1.5 2.3

Manual Integrations
APPROVED

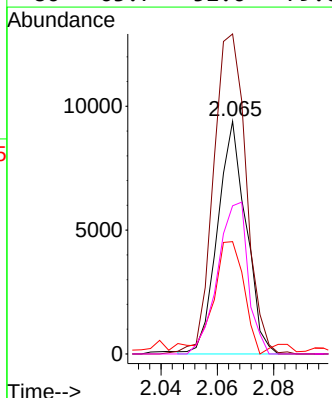
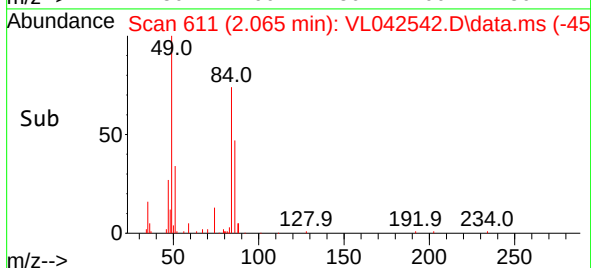
Reviewed By :Semsettin Yesilyurt 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025

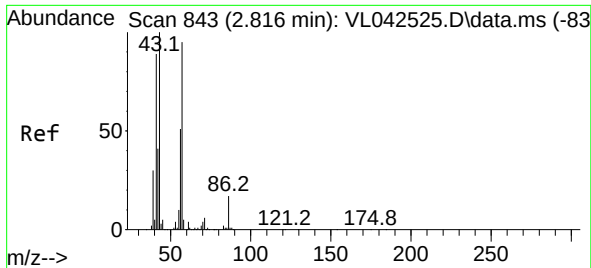


#20
Methylene Chloride
Concen: 0.919 ppbv
RT: 2.065 min Scan# 611
Delta R.T. 0.013 min
Lab File: VL042542.D
Acq: 14 May 2025 14:50



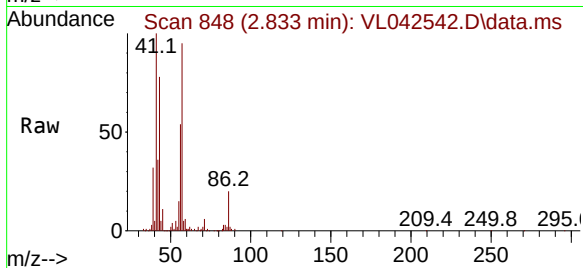
Tgt Ion: 84 Resp: 6594
Ion Ratio Lower Upper
84 100
49 137.0 128.2 192.4
51 44.1 41.7 62.5
86 63.7 52.6 79.0





#26
Hexane
Concen: 3.671 ppbv
RT: 2.833 min Scan# 843
Delta R.T. 0.016 min
Lab File: VL042542.D
Acq: 14 May 2025 14:50

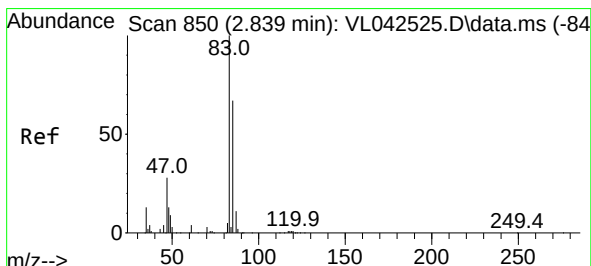
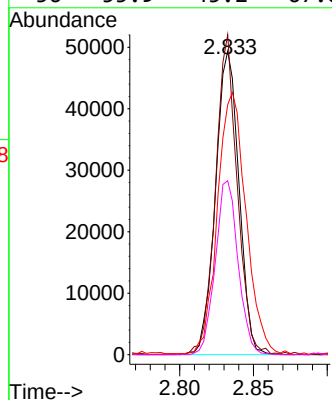
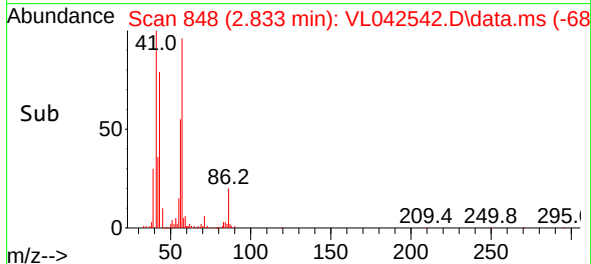
Instrument :
MSVOA_L
ClientSampleId :
IA1DUP



Tgt Ion: 57 Resp: 5453
Ion Ratio Lower Upper
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43 106.7 188.9 283.3
56 55.9 45.2 67.8

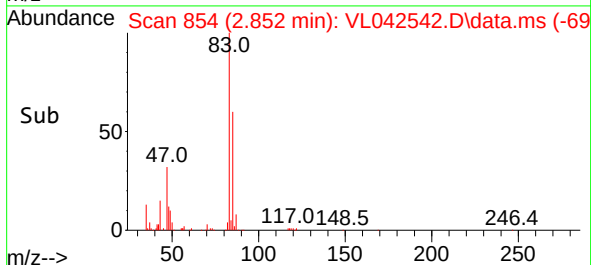
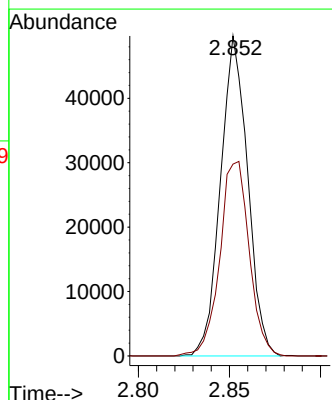
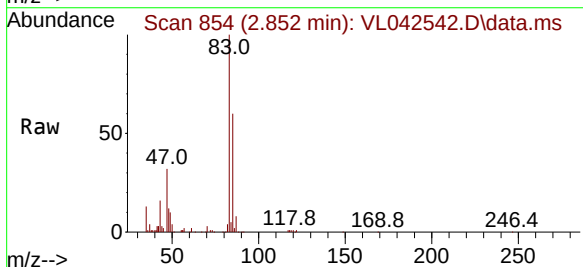
Manual Integrations
APPROVED

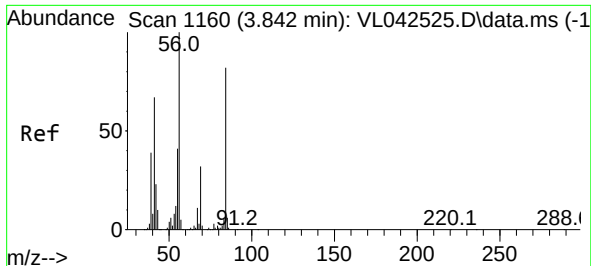
Reviewed By :Semsettin Yesilyurt 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025



#29
Chloroform
Concen: 1.671 ppbv
RT: 2.852 min Scan# 854
Delta R.T. 0.013 min
Lab File: VL042542.D
Acq: 14 May 2025 14:50

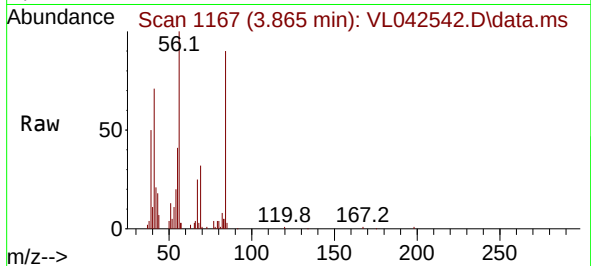
Tgt Ion: 83 Resp: 51478
Ion Ratio Lower Upper
83 100
85 59.6 53.5 80.3





#30
Cyclohexane
Concen: 1.445 ppbv
RT: 3.865 min Scan# 1160
Delta R.T. 0.023 min
Lab File: VL042542.D
Acq: 14 May 2025 14:50

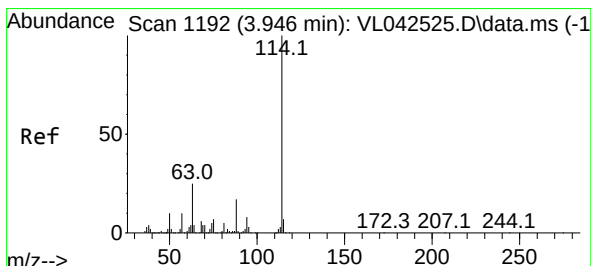
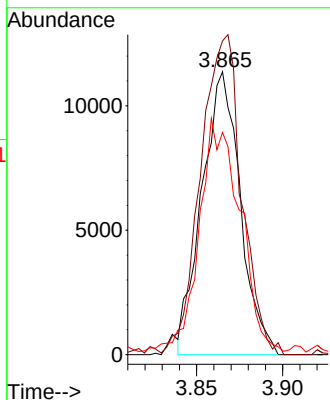
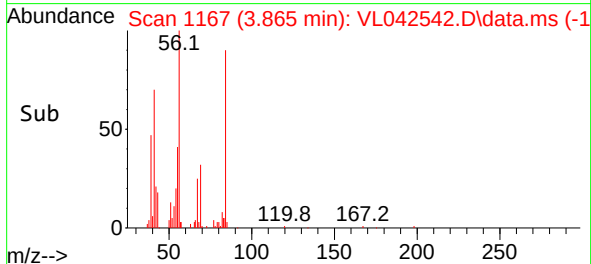
Instrument :
MSVOA_L
ClientSampleId :
IA1DUP



Tgt Ion: 84 Resp: 17618
Ion Ratio Lower Upper
84 100
56 122.7 97.1 145.7
41 90.6 66.6 99.8

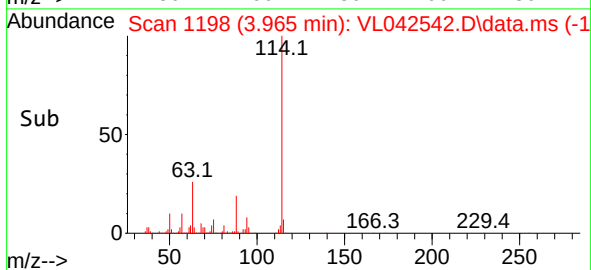
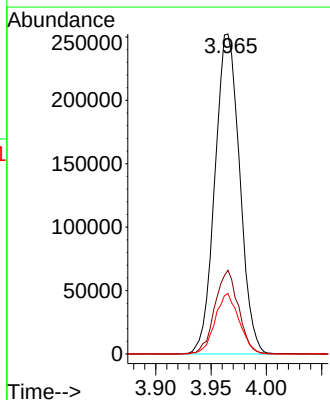
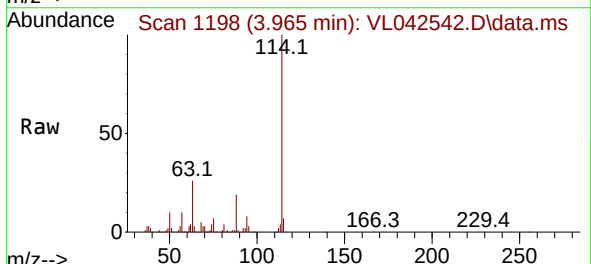
Manual Integrations
APPROVED

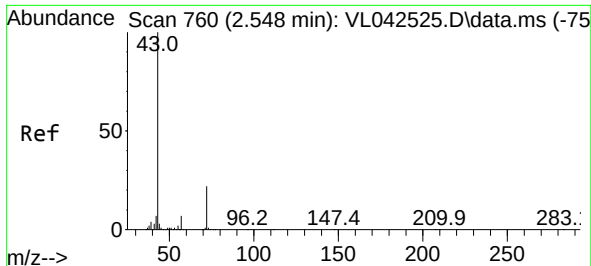
Reviewed By :Semsettin Yesilyurt 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.965 min Scan# 1198
Delta R.T. 0.019 min
Lab File: VL042542.D
Acq: 14 May 2025 14:50

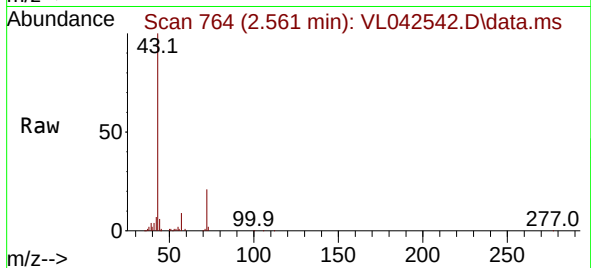
Tgt Ion:114 Resp: 393473
Ion Ratio Lower Upper
114 100
63 24.9 20.4 30.6
88 18.4 14.5 21.7





#34
2-Butanone
Concen: 0.909 ppbv
RT: 2.561 min Scan# 764
Delta R.T. 0.013 min
Lab File: VL042542.D
Acq: 14 May 2025 14:50

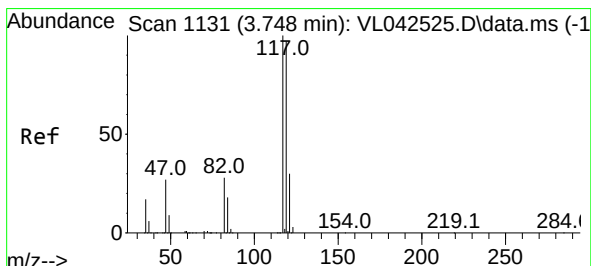
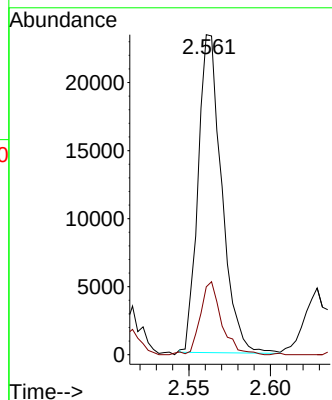
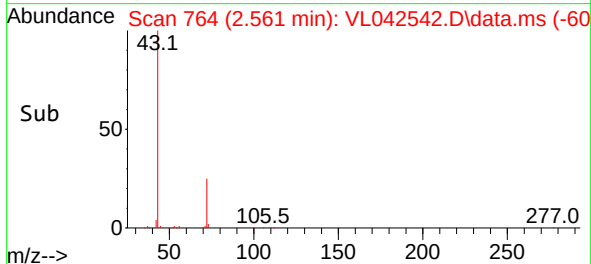
Instrument :
MSVOA_L
ClientSampleId :
IA1DUP



Tgt Ion: 43 Resp: 2358
Ion Ratio Lower Upper
43 100
72 20.8 18.7 28.1

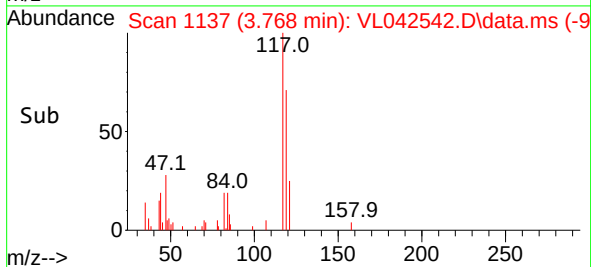
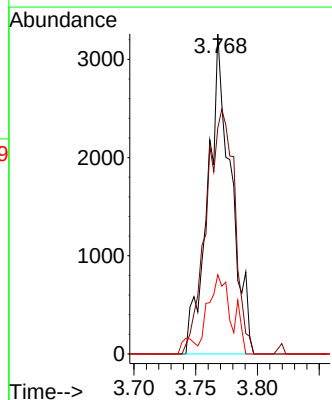
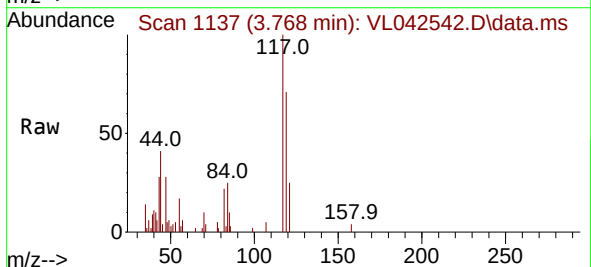
Manual Integrations
APPROVED

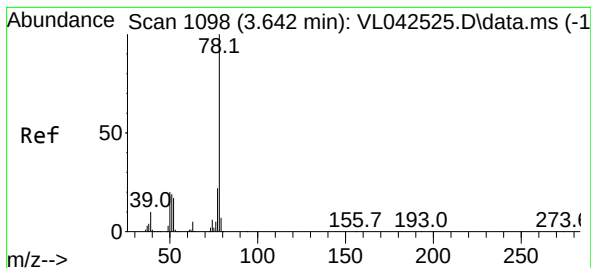
Reviewed By :Semsettin Yesilyurt 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025



#35
Carbon Tetrachloride
Concen: 0.119 ppbv m
RT: 3.768 min Scan# 1137
Delta R.T. 0.019 min
Lab File: VL042542.D
Acq: 14 May 2025 14:50

Tgt Ion:117 Resp: 4225
Ion Ratio Lower Upper
117 100
119 70.6 77.7 116.5#
121 24.7 24.0 36.0





#36

Benzene

Concen: 0.497 ppbv

RT: 3.661 min Scan# 1104

Delta R.T. 0.019 min

Lab File: VL042542.D

Acq: 14 May 2025 14:50

Instrument :

MSVOA_L

ClientSampleId :

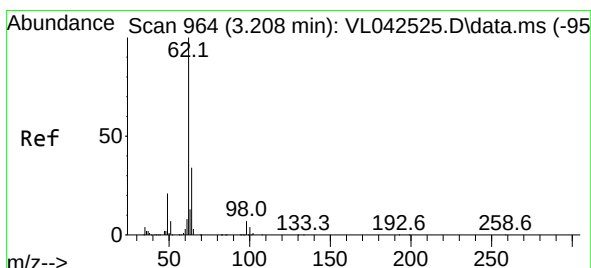
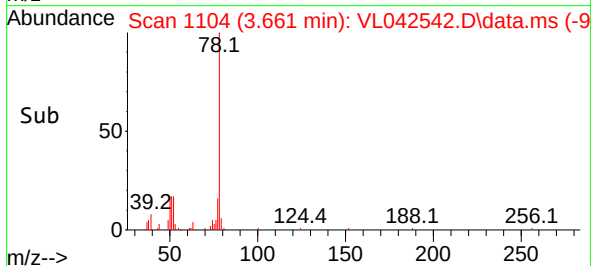
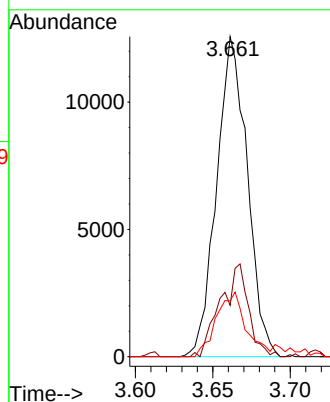
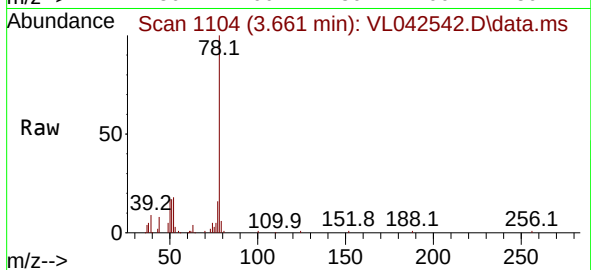
IA1DUP

Tgt Ion: 78	Resp: 1733
Ion Ratio	Lower Upper
78 100	
77 16.1	17.4 26.2
50 17.4	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: 0.260 ppbv

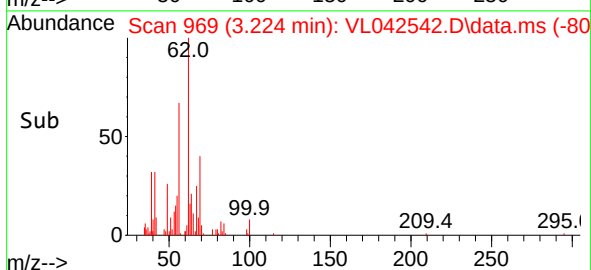
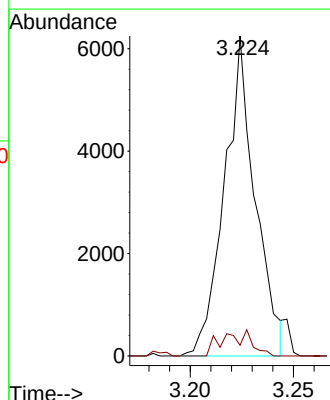
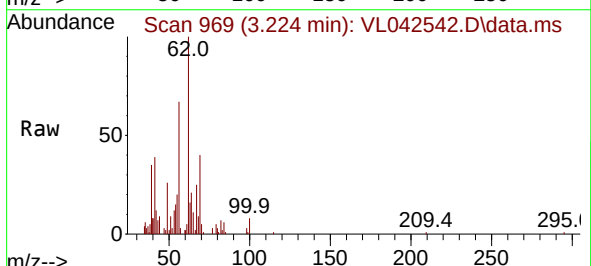
RT: 3.224 min Scan# 969

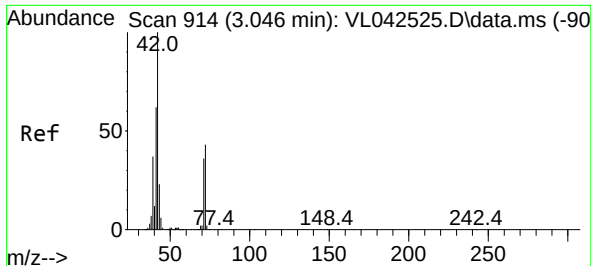
Delta R.T. 0.016 min

Lab File: VL042542.D

Acq: 14 May 2025 14:50

Tgt Ion: 62	Resp: 6459
Ion Ratio	Lower Upper
62 100	
98 8.1	5.0 7.4





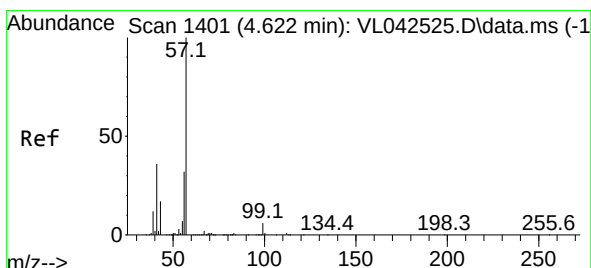
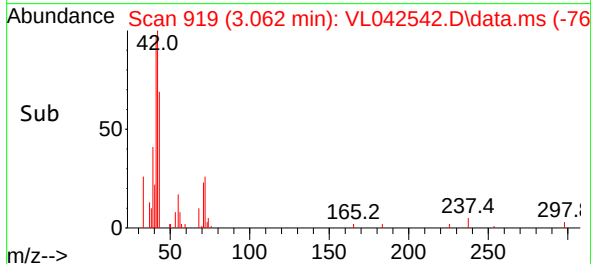
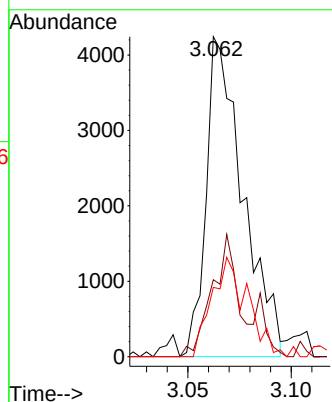
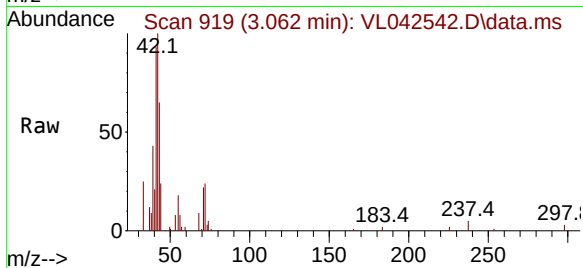
#41
Tetrahydrofuran
Concen: 0.468 ppbv
RT: 3.062 min Scan# 914
Delta R.T. 0.016 min
Lab File: VL042542.D
Acq: 14 May 2025 14:50

Instrument :
MSVOA_L
ClientSampleId :
IA1DUP

Tgt Ion: 42 Resp: 5254
Ion Ratio Lower Upper
42 100
72 33.5 32.7 49.1
71 31.9 30.4 45.6

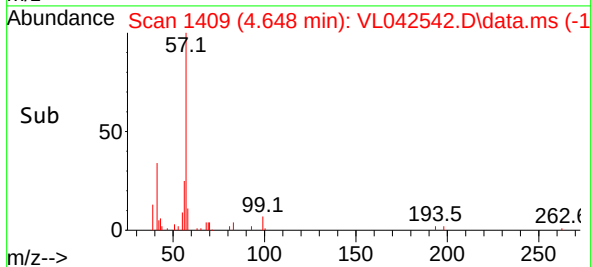
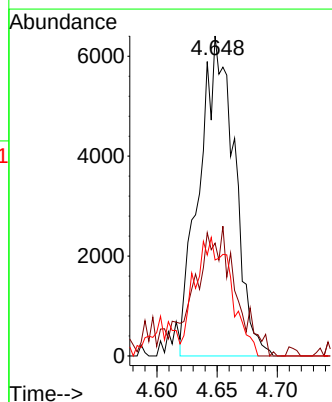
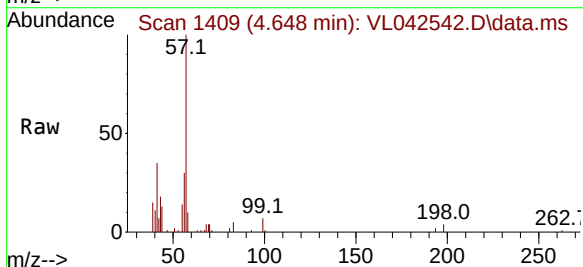
Manual Integrations
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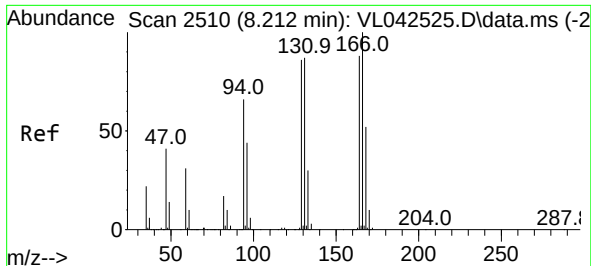
Reviewed By :Semsettin Yesilyurt 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025



#44
2,2,4-Trimethylpentane
Concen: 0.236 ppbv m
RT: 4.648 min Scan# 1409
Delta R.T. 0.026 min
Lab File: VL042542.D
Acq: 14 May 2025 14:50

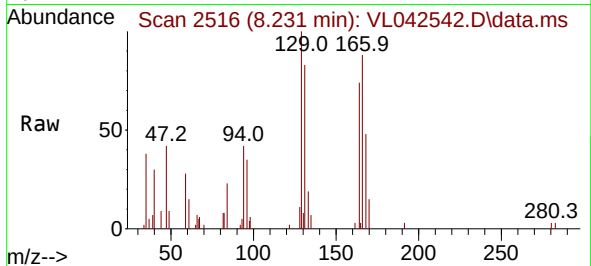
Tgt Ion: 57 Resp: 13050
Ion Ratio Lower Upper
57 100
41 0.0 28.3 42.5#
56 46.1 25.9 38.9#





#52
Tetrachloroethene
Concen: 0.254 ppbv m
RT: 8.231 min Scan# 2119
Delta R.T. 0.019 min
Lab File: VL042542.D
Acq: 14 May 2025 14:50

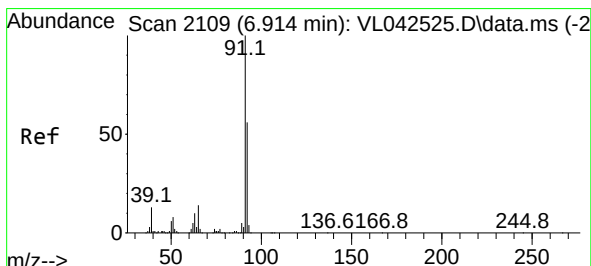
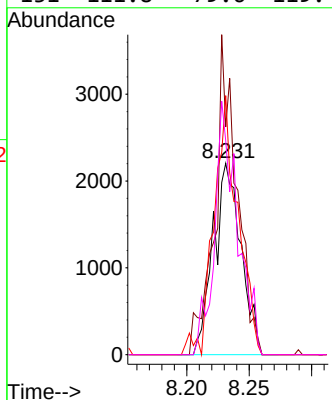
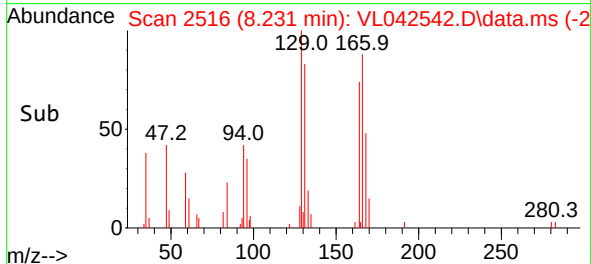
Instrument :
MSVOA_L
ClientSampleId :
IA1DUP



Tgt Ion:164 Resp: 3380
Ion Ratio Lower Upper
164 100
166 118.9 91.3 136.9
129 135.3 78.9 118.3
131 111.8 79.6 119.4

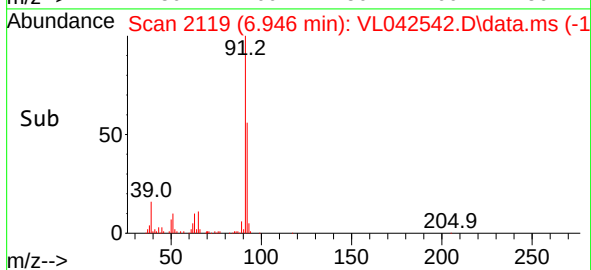
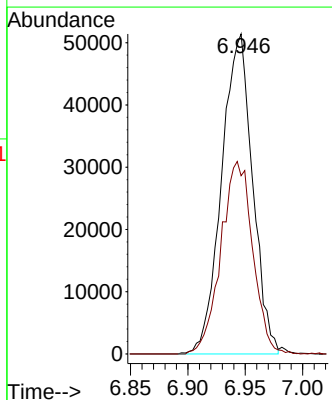
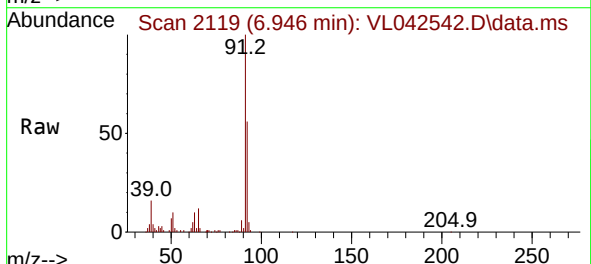
Manual Integrations
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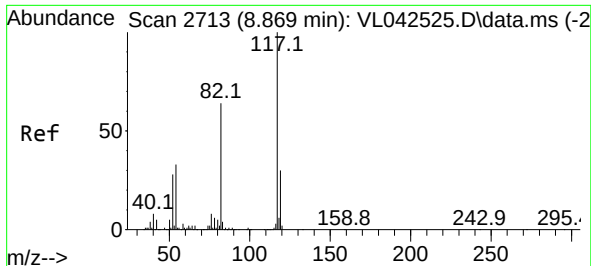
Reviewed By :Semsettin Yesilyurt 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025



#53
Toluene
Concen: 2.817 ppbv
RT: 6.946 min Scan# 2119
Delta R.T. 0.032 min
Lab File: VL042542.D
Acq: 14 May 2025 14:50

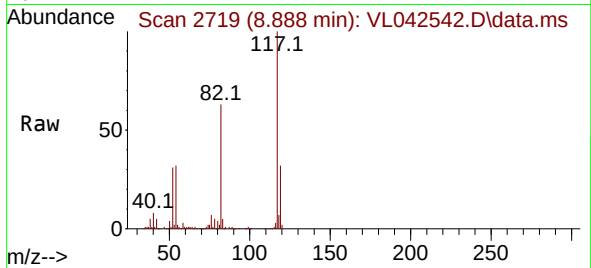
Tgt Ion: 91 Resp: 96387
Ion Ratio Lower Upper
91 100
92 62.0 47.8 71.6





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.888 min Scan# 21
Delta R.T. 0.019 min
Lab File: VL042542.D
Acq: 14 May 2025 14:50

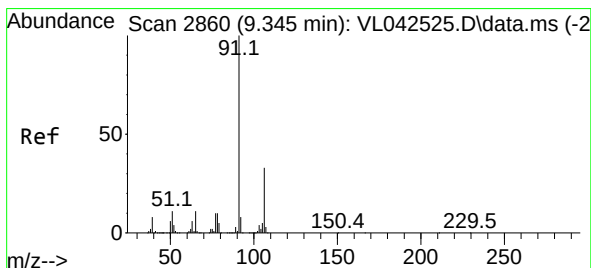
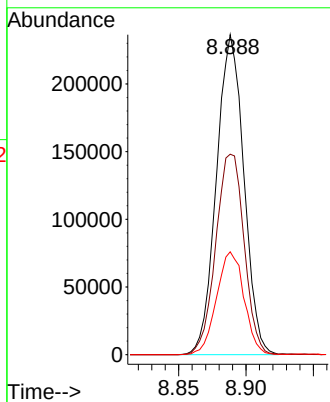
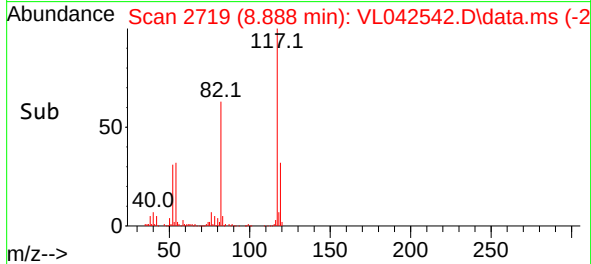
Instrument :
MSVOA_L
ClientSampleId :
IA1DUP



Tgt Ion: 117 Resp: 334639
Ion Ratio Lower Upper
117 100
82 64.9 55.0 82.4
119 32.5 25.8 38.6

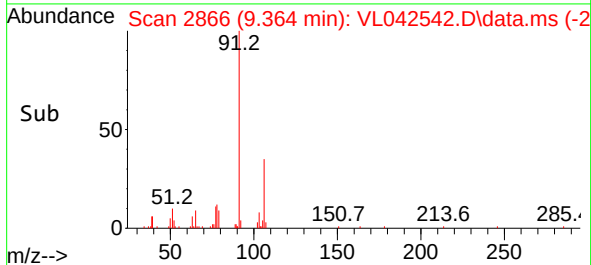
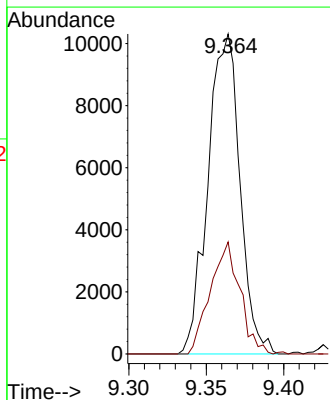
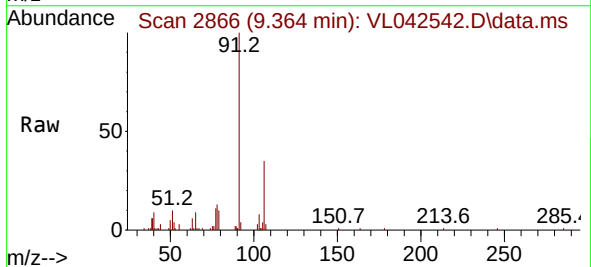
Manual Integrations
APPROVED

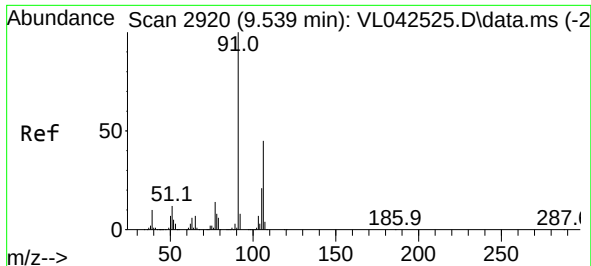
Reviewed By :Semsettin Yesilyurt 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025



#58
Ethyl Benzene
Concen: 0.325 ppbv
RT: 9.364 min Scan# 2866
Delta R.T. 0.019 min
Lab File: VL042542.D
Acq: 14 May 2025 14:50

Tgt Ion: 91 Resp: 14843
Ion Ratio Lower Upper
91 100
106 35.0 26.0 39.0





#59

m/p-Xylene

Concen: 0.973 ppbv

RT: 9.536 min Scan# 2920

Delta R.T. -0.003 min

Lab File: VL042542.D

Acq: 14 May 2025 14:50

Instrument :

MSVOA_L

ClientSampleId :

IA1DUP

Tgt Ion: 91 Resp: 3940

Ion Ratio Lower Upper

91 100

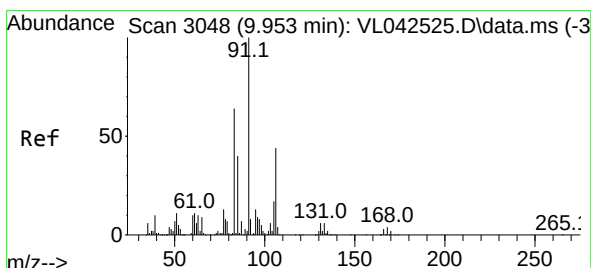
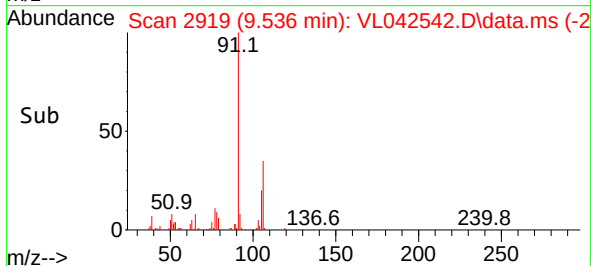
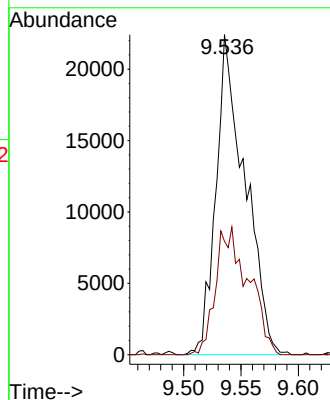
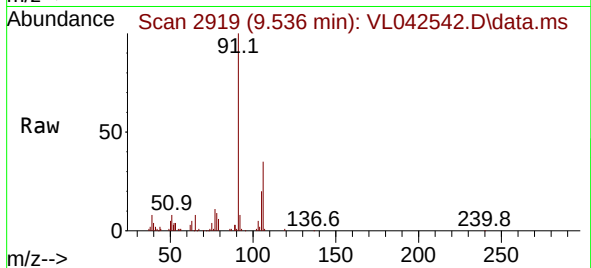
106 45.1 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/15/2025

Supervised By :Mahesh Dadoda 05/15/2025



#60

o-Xylene

Concen: 0.462 ppbv

RT: 9.969 min Scan# 3053

Delta R.T. 0.016 min

Lab File: VL042542.D

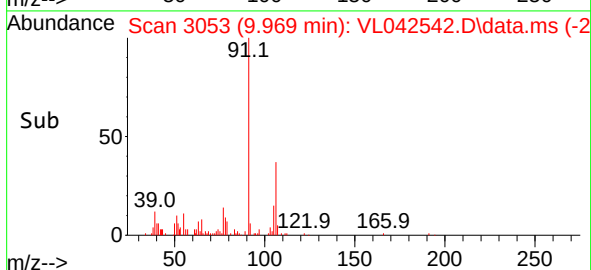
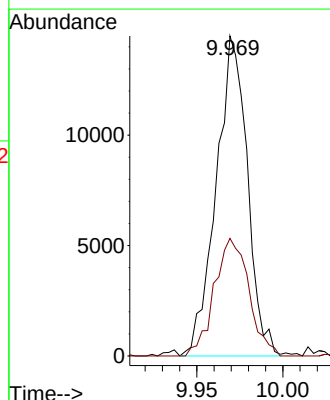
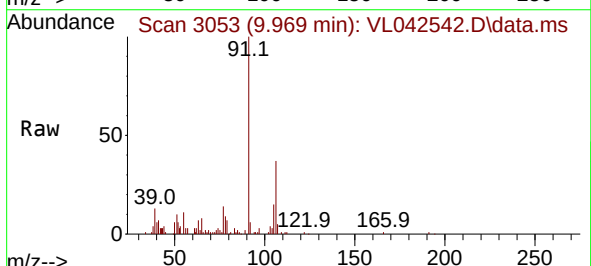
Acq: 14 May 2025 14:50

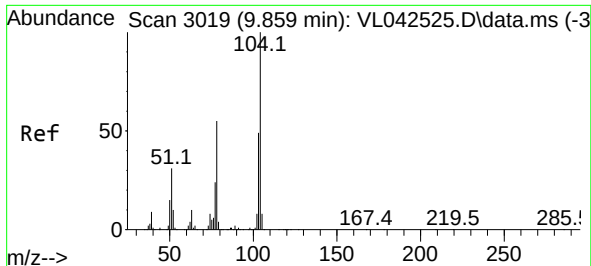
Tgt Ion: 91 Resp: 18271

Ion Ratio Lower Upper

91 100

106 40.6 21.6 64.6





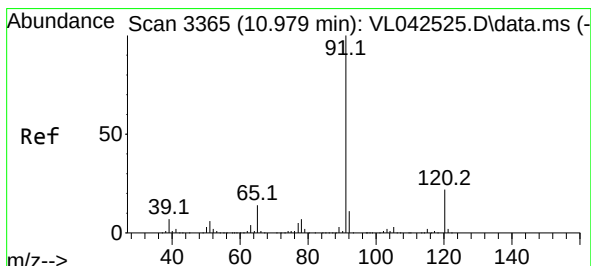
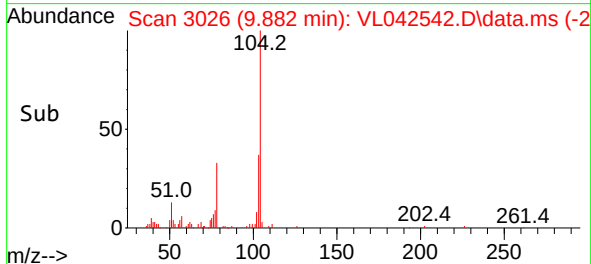
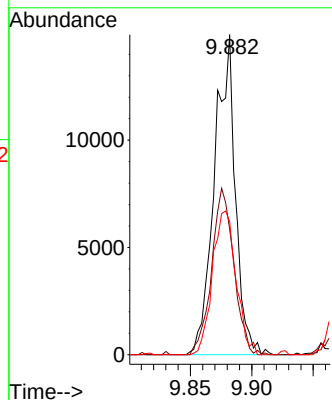
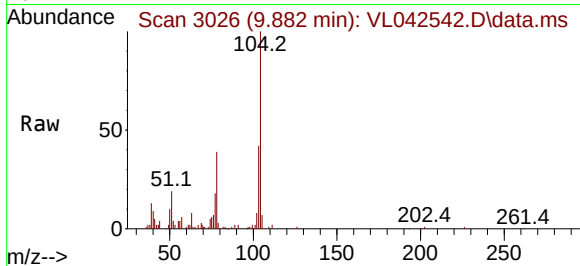
#61
Styrene
Concen: 1.204 ppbv m
RT: 9.882 min Scan# 3019
Delta R.T. 0.023 min
Lab File: VL042542.D
Acq: 14 May 2025 14:50

Instrument :
MSVOA_L
ClientSampleId :
IA1DUP

Tgt Ion:104 Resp: 1763
Ion Ratio Lower Upper
104 100
78 55.3 44.7 67.1
103 50.6 38.6 58.0

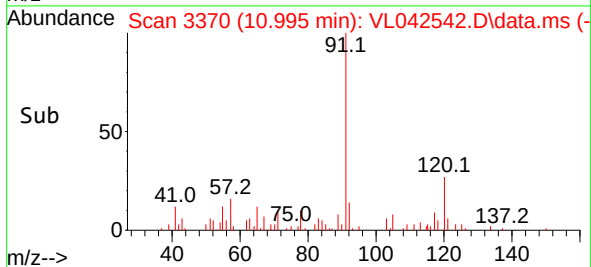
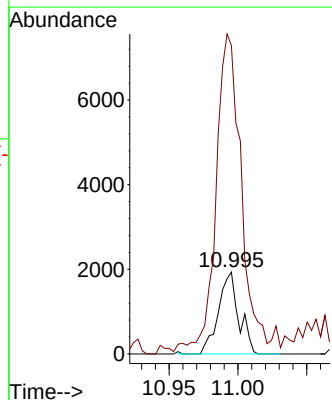
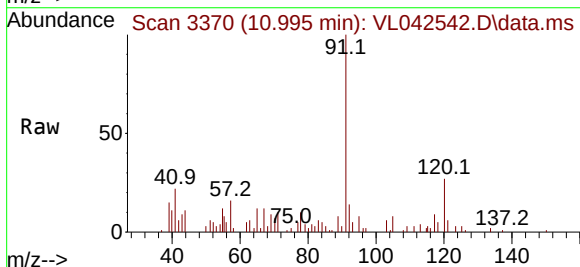
Manual Integrations
APPROVED

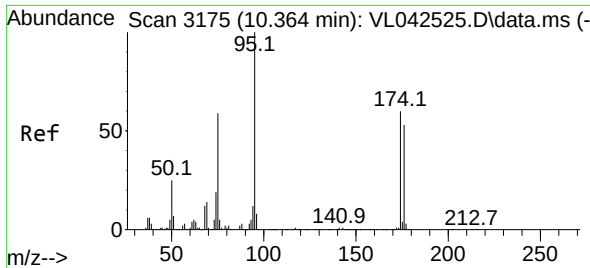
Reviewed By :Semsettin Yesilyurt 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025



#64
n-propylbenzene
Concen: 0.132 ppbv m
RT: 10.995 min Scan# 3370
Delta R.T. 0.016 min
Lab File: VL042542.D
Acq: 14 May 2025 14:50

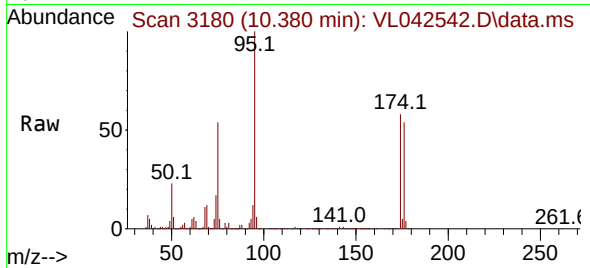
Tgt Ion:120 Resp: 1997
Ion Ratio Lower Upper
120 100
91 29.2 377.7 566.5#





#68
1-Bromo-4-Fluorobenzene
Concen: 10.039 ppbv
RT: 10.380 min Scan# 3175
Delta R.T. 0.016 min
Lab File: VL042542.D
Acq: 14 May 2025 14:50

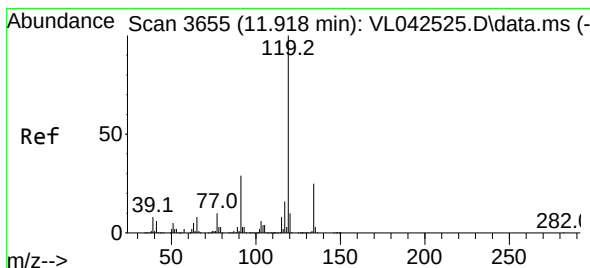
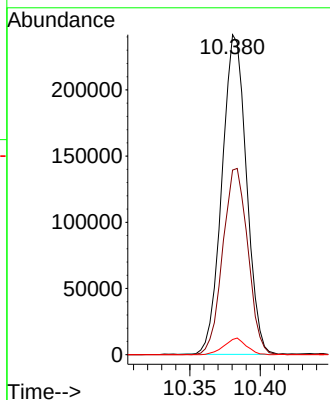
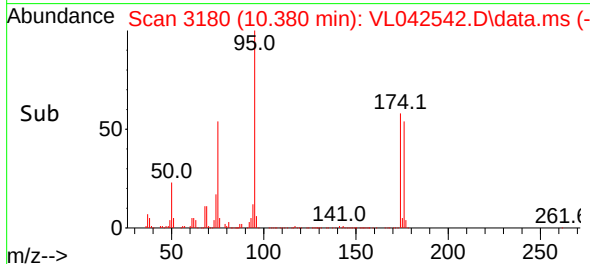
Instrument :
MSVOA_L
ClientSampleId :
IA1DUP



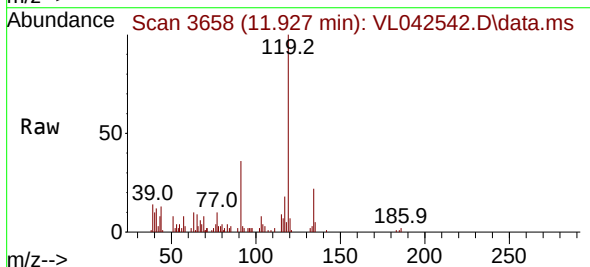
Tgt Ion: 95 Resp: 292290
Ion Ratio Lower Upper
95 100
174 59.8 48.0 72.0
175 4.7 3.5 5.3

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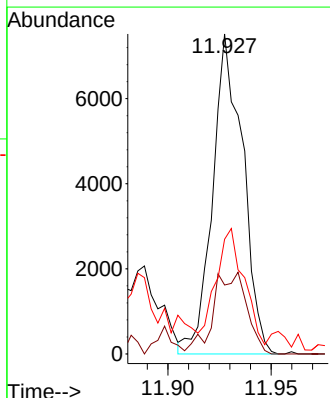
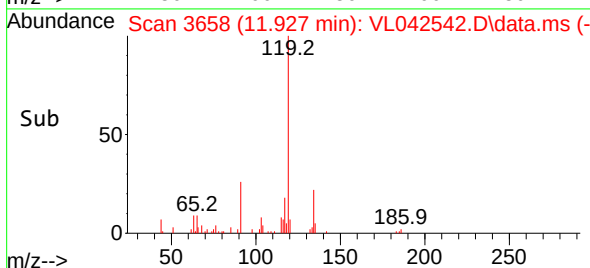
Reviewed By :Semsettin Yesilyurt 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025

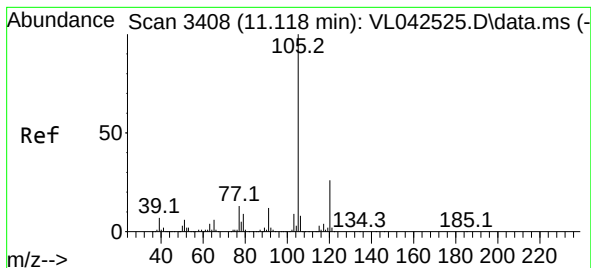


#69
p-Isopropyltoluene
Concen: 0.119 ppbv
RT: 11.927 min Scan# 3658
Delta R.T. 0.010 min
Lab File: VL042542.D
Acq: 14 May 2025 14:50



Tgt Ion:119 Resp: 7642
Ion Ratio Lower Upper
119 100
134 35.5 19.8 29.6#
91 34.8 23.6 35.4





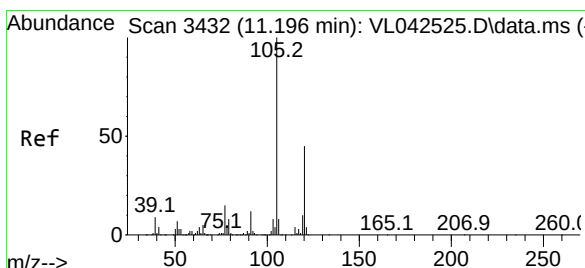
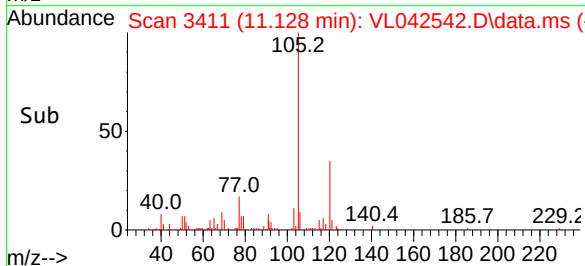
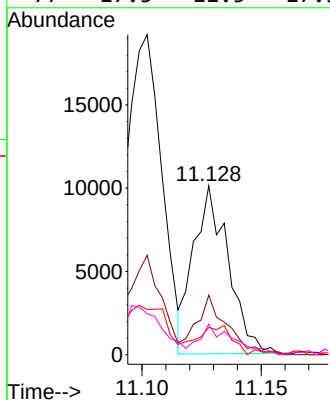
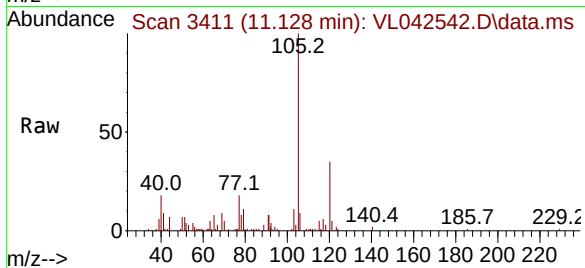
#72
4-Ethyltoluene
Concen: 0.209 ppbv
RT: 11.128 min Scan# 3408
Delta R.T. 0.010 min
Lab File: VL042542.D
Acq: 14 May 2025 14:50

Instrument :
MSVOA_L
ClientSampleId :
IA1DUP

Tgt Ion:105 Resp: 1024
Ion Ratio Lower Upper
105 100
120 29.5 22.9 34.3
91 0.0 10.9 16.3
77 17.5 11.5 17.3#

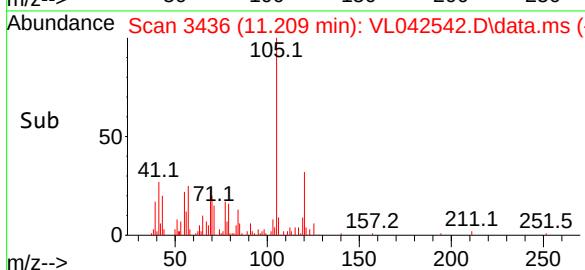
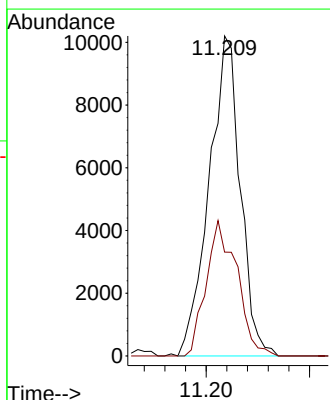
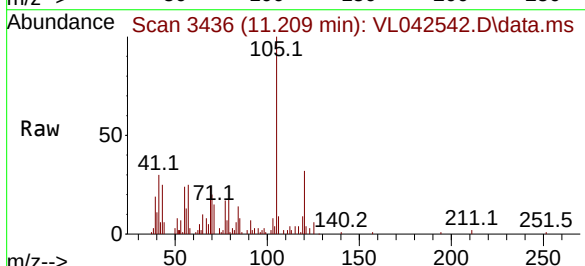
Manual Integrations
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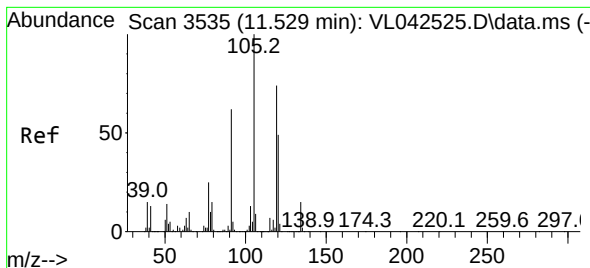
Reviewed By :Semsettin Yesilyurt 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025



#73
1,3,5-Trimethylbenzene
Concen: 0.250 ppbv
RT: 11.209 min Scan# 3436
Delta R.T. 0.013 min
Lab File: VL042542.D
Acq: 14 May 2025 14:50

Tgt Ion:105 Resp: 10686
Ion Ratio Lower Upper
105 100
120 32.4 36.0 54.0#





#74

1,2,4-Trimethylbenzene

Concen: 0.624 ppbv

RT: 11.539 min Scan# 3535

Delta R.T. 0.010 min

Lab File: VL042542.D

Acq: 14 May 2025 14:50

Instrument :

MSVOA_L

ClientSampleId :

IA1DUP

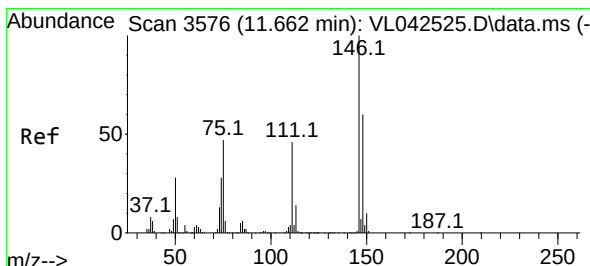
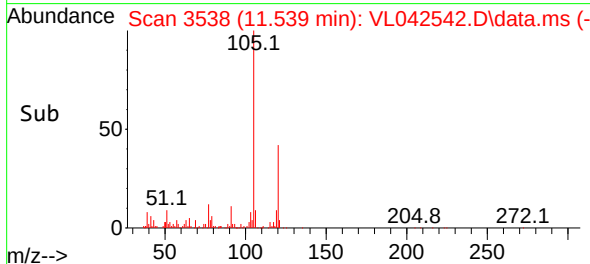
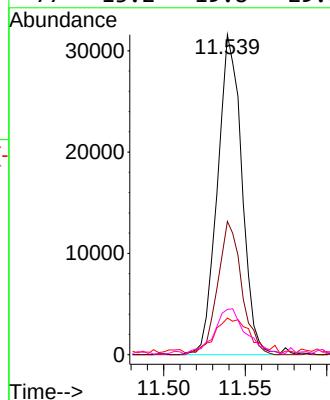
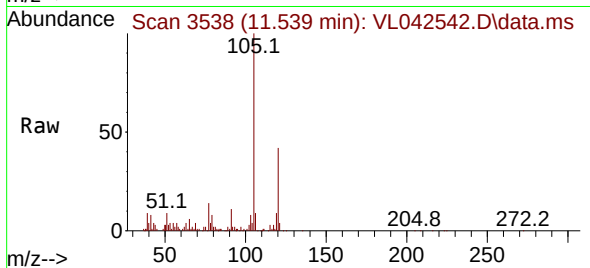
Tgt Ion:	105	Resp:	32828
Ion Ratio	Lower	Upper	
105	100		
120	41.7	39.0	58.6
91	11.2	49.4	74.2
77	13.2	19.8	29.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/15/2025

Supervised By :Mahesh Dadoda 05/15/2025



#76

1,4-Dichlorobenzene

Concen: 20.411 ppbv

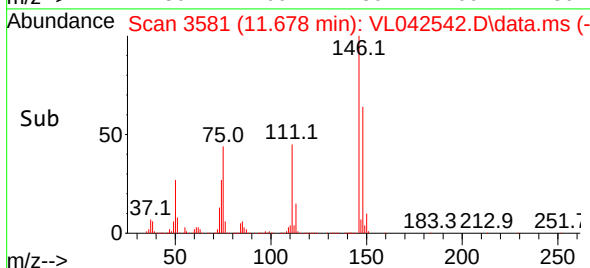
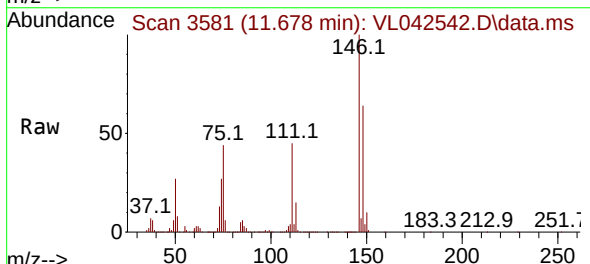
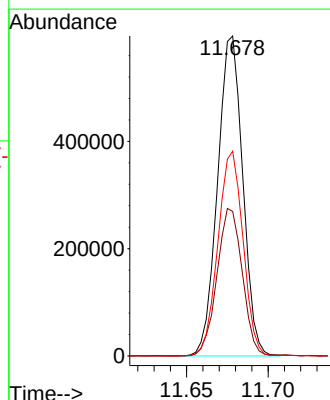
RT: 11.678 min Scan# 3581

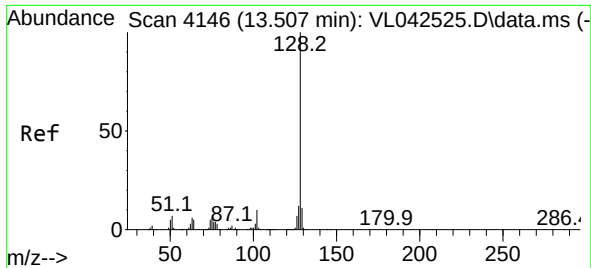
Delta R.T. 0.016 min

Lab File: VL042542.D

Acq: 14 May 2025 14:50

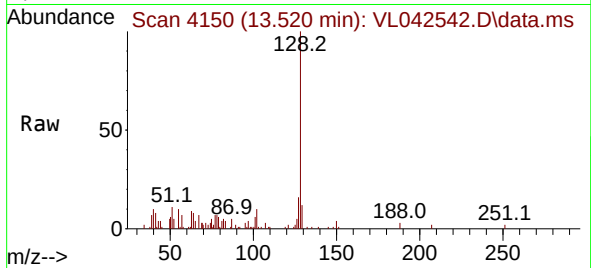
Tgt Ion:	146	Resp:	639635
Ion Ratio	Lower	Upper	
146	100		
111	46.7	23.4	70.3
148	64.0	31.6	94.7





#79
Naphthalene
Concen: 0.198 ppbv
RT: 13.520 min Scan# 4146
Delta R.T. 0.013 min
Lab File: VL042542.D
Acq: 14 May 2025 14:50

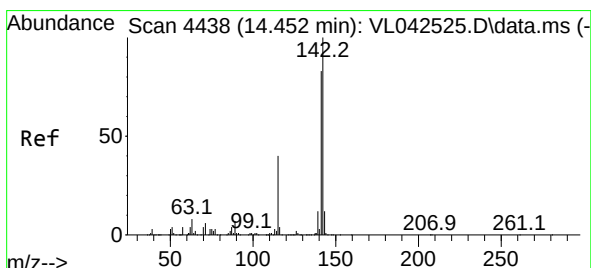
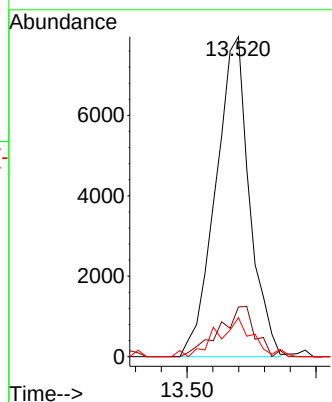
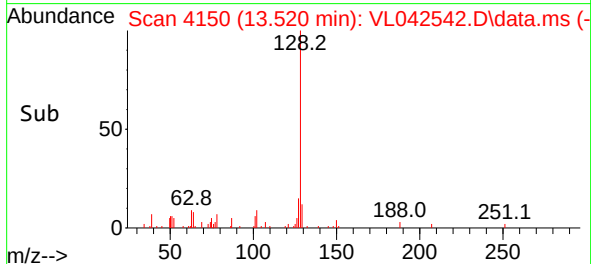
Instrument :
MSVOA_L
ClientSampleId :
IA1DUP



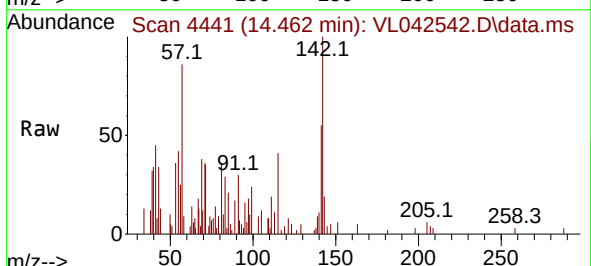
Tgt Ion:128 Resp: 7230
Ion Ratio Lower Upper
128 100
127 15.5 9.8 14.8
129 10.3 8.6 12.8

Manual Integrations
APPROVED

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



#80
Naphthalene,2-methyl-
Concen: 0.107 ppbv
RT: 14.462 min Scan# 4441
Delta R.T. 0.010 min
Lab File: VL042542.D
Acq: 14 May 2025 14:50



Tgt Ion:142 Resp: 2256
Ion Ratio Lower Upper
142 100
141 112.9 66.8 100.2
115 49.5 33.0 49.6

