

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL091825\
 Data File : VL042946.D
 Acq On : 18 Sep 2025 15:13
 Operator : SY/MD
 Sample : Q3111-02DUP
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1DUP

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 09/19/2025
 Supervised By : Mahesh Dadoda 09/24/2025

Quant Time: Sep 19 01:26:26 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091725AIR.M

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

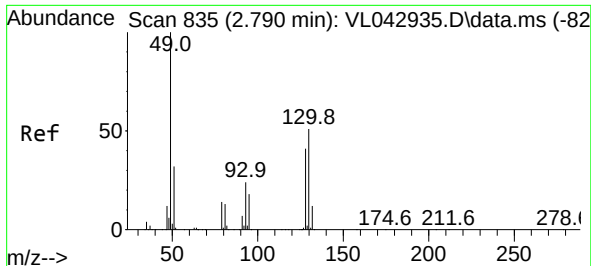
QLast Update : Thu Sep 18 02:57:46 2025

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.793	49	170806	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.968	114	427405	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.891	117	360089	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.383	95	289519	10.286	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.900%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.499	85	11241	0.461	ppbv	100
3) Chlorodifluoromethane	1.476	51	11387m	0.443	ppbv	
4) Chloromethane	1.534	50	5300	0.541	ppbv	95
9) Propene	1.489	41	147590m	15.733	ppbv	
10) Heptane	4.994	43	19075m	0.821	ppbv	
11) Trichlorofluoromethane	1.881	101	5252	0.218	ppbv	85
13) Ethanol	1.725	45	502858	525.745	ppbv	94
15) Acetone	1.839	43	3079572	146.789	ppbv #	72
17) tert-Butyl alcohol	2.049	59	4852	0.240	ppbv #	1
19) Isopropyl Alcohol	1.894	45	3097954	275.419	ppbv #	1
20) Methylene Chloride	2.065	84	19877	2.176	ppbv	96
25) Ethyl Acetate	2.842	43	331811	7.407	ppbv #	94
26) Hexane	2.832	57	58843	3.061	ppbv #	1
29) Chloroform	2.855	83	11077	0.352	ppbv	96
30) Cyclohexane	3.868	84	8978m	0.620	ppbv	
34) 2-Butanone	2.564	43	111149	4.012	ppbv	99
35) Carbon Tetrachloride	3.777	117	2191m	0.072	ppbv	
36) Benzene	3.664	78	31365	0.841	ppbv	97
37) 1,2-Dichloroethane	3.227	62	14175	0.635	ppbv	99
41) Tetrahydrofuran	3.065	42	40527	2.956	ppbv	96
43) Methyl Methacrylate	4.901	69	8058m	0.646	ppbv	
44) 2,2,4-Trimethylpentane	4.651	57	327844	5.272	ppbv	95
52) Tetrachloroethene	8.231	164	690m	0.060	ppbv	
53) Toluene	6.946	91	216732	6.234	ppbv	99
58) Ethyl Benzene	9.364	91	20956	0.452	ppbv	99
59) m/p-Xylene	9.539	91	59366m	1.514	ppbv	
60) o-Xylene	9.972	91	19080	0.490	ppbv	98
61) Styrene	9.878	104	13663	1.184	ppbv	91
72) 4-Ethyltoluene	11.134	105	2832m	0.408	ppbv	
74) 1,2,4-Trimethylbenzene	11.545	105	8583	0.189	ppbv #	56
79) Naphthalene	13.520	128	2685	0.418	ppbv #	89
81) 1,2,4-Trichlorobenzene	13.445	180	1210m	0.476	ppbv	

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



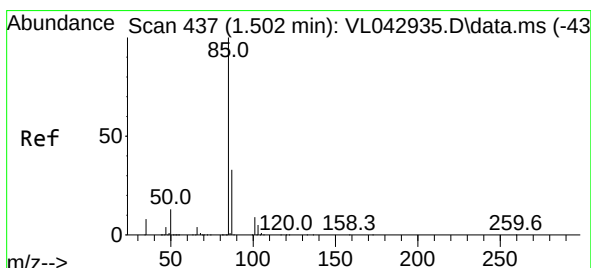
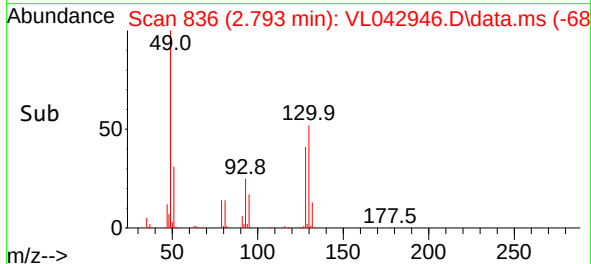
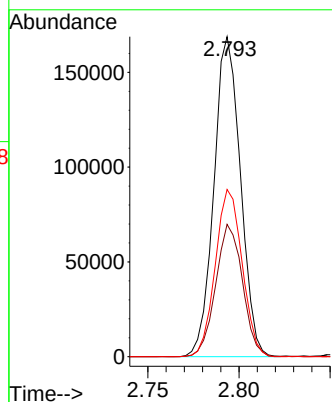
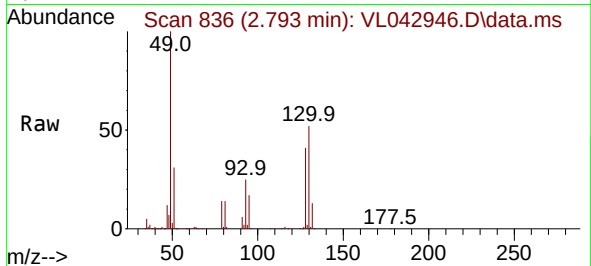
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Bromochloromethane
Concen: 10.000 ppbv
RT: 2.793 min Scan# 835
Delta R.T. 0.003 min
Lab File: VL042946.D
Acq: 18 Sep 2025 15:13

Instrument :
MSVOA_L
ClientSampleId :
IA1DUP

Tgt Ion: 49 Resp: 170800
Ion Ratio Lower Upper
49 100
128 41.8 21.1 63.4
130 52.8 26.4 79.2

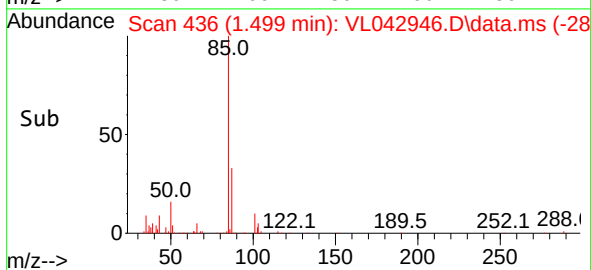
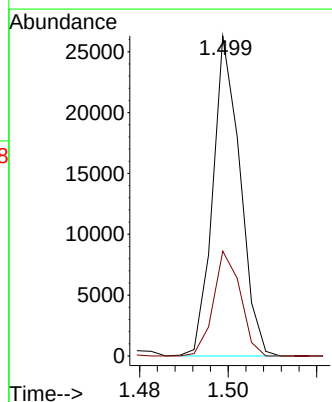
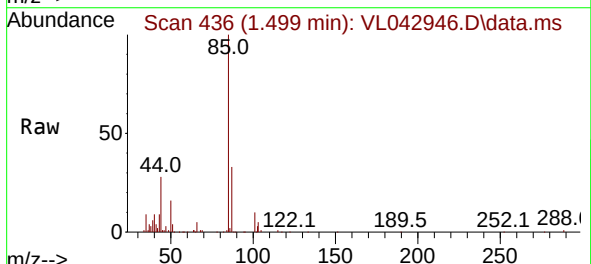
Manual Integrations
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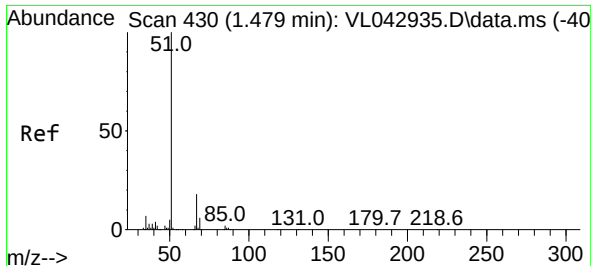
Reviewed By :Semsettin Yesilyurt 09/19/2025
Supervised By :Mahesh Dadoda 09/24/2025



#2
Dichlorodifluoromethane
Concen: 0.461 ppbv
RT: 1.499 min Scan# 436
Delta R.T. -0.003 min
Lab File: VL042946.D
Acq: 18 Sep 2025 15:13

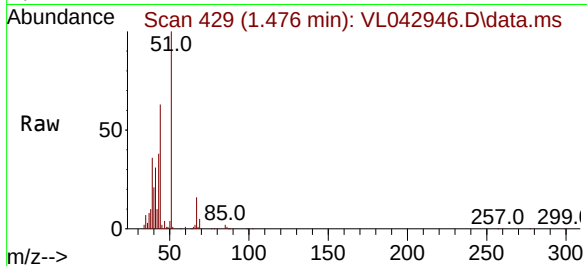
Tgt Ion: 85 Resp: 11241
Ion Ratio Lower Upper
85 100
87 32.7 26.1 39.1





#3
Chlorodifluoromethane
Concen: 0.443 ppbv m
RT: 1.476 min Scan# 430
Delta R.T. -0.003 min
Lab File: VL042946.D
Acq: 18 Sep 2025 15:13

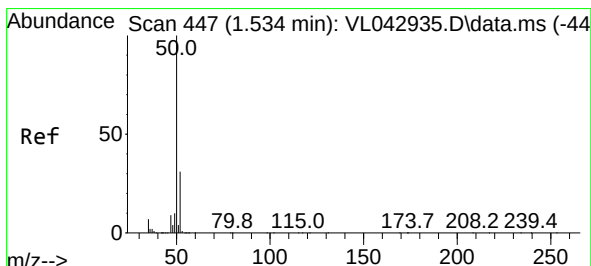
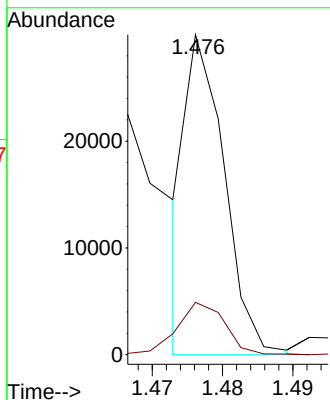
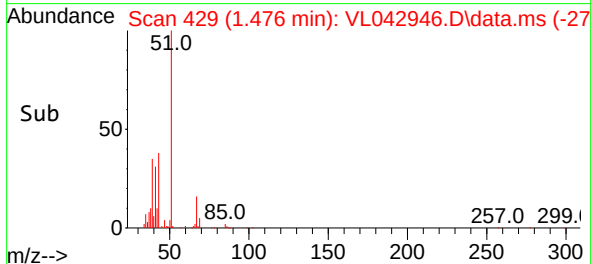
Instrument :
MSVOA_L
ClientSampleId :
IA1DUP



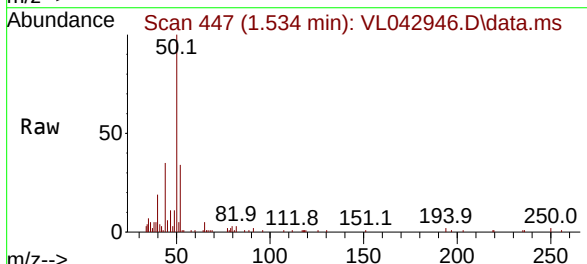
Tgt Ion: 51 Resp: 1138
Ion Ratio Lower Upper
51 100
67 20.7 14.1 21.1

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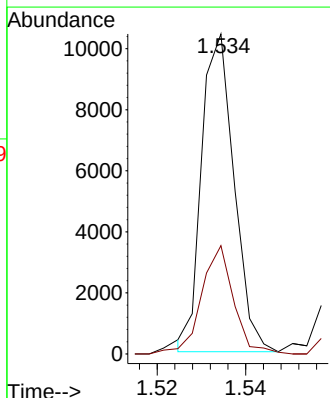
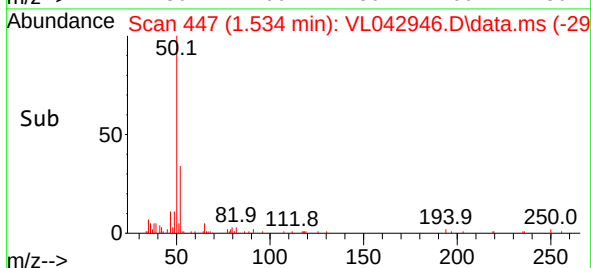
Reviewed By :Semsettin Yesilyurt 09/19/2025
Supervised By :Mahesh Dadoda 09/24/2025

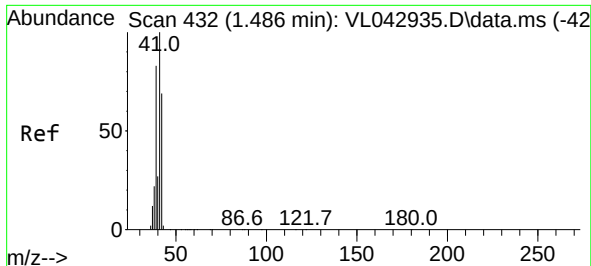


#4
Chloromethane
Concen: 0.541 ppbv
RT: 1.534 min Scan# 447
Delta R.T. 0.000 min
Lab File: VL042946.D
Acq: 18 Sep 2025 15:13



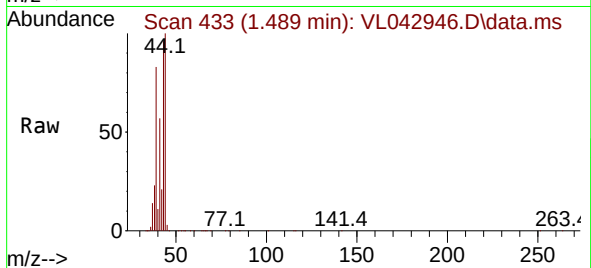
Tgt Ion: 50 Resp: 5300
Ion Ratio Lower Upper
50 100
52 33.6 24.6 36.8





#9
Propene
Concen: 15.733 ppbv m
RT: 1.489 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL042946.D
Acq: 18 Sep 2025 15:13

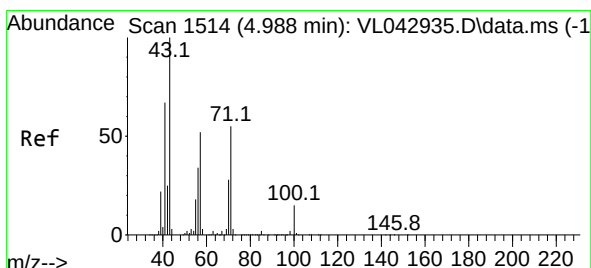
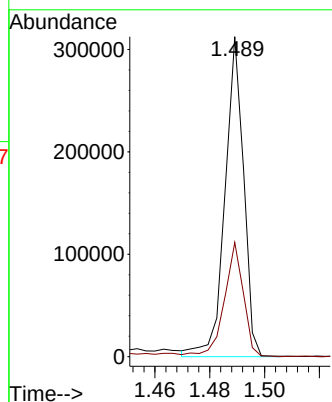
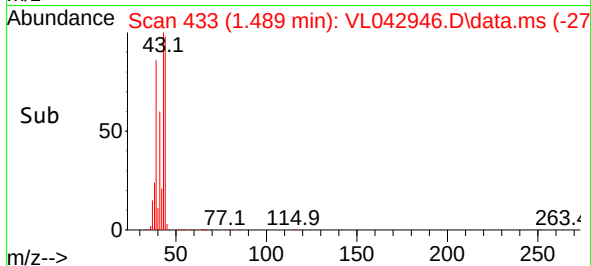
Instrument :
MSVOA_L
ClientSampleId :
IA1DUP



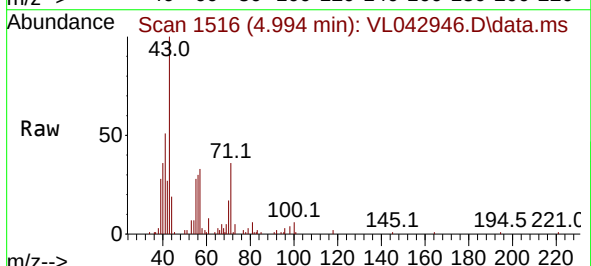
Tgt Ion: 41 Resp: 147590
Ion Ratio Lower Upper
41 100
42 26.0 55.0 82.4

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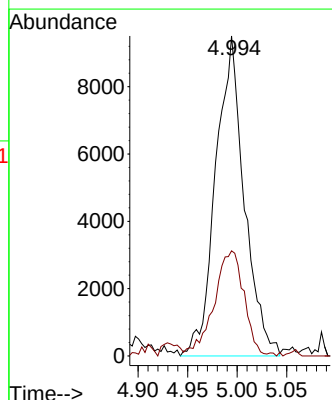
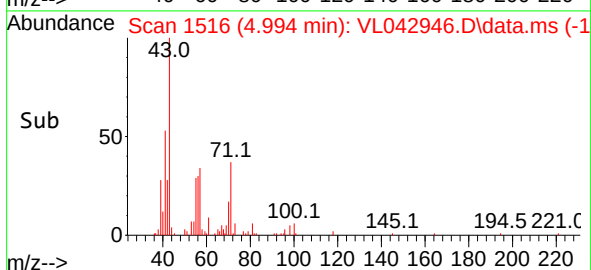
Reviewed By :Semsettin Yesilyurt 09/19/2025
Supervised By :Mahesh Dadoda 09/24/2025

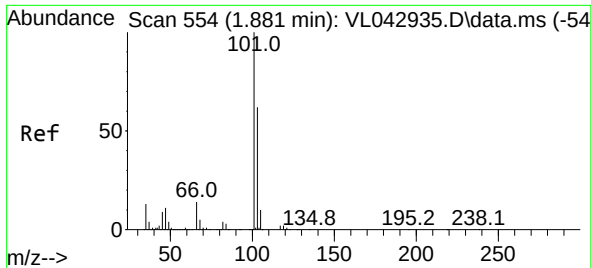


#10
Heptane
Concen: 0.821 ppbv m
RT: 4.994 min Scan# 1516
Delta R.T. 0.007 min
Lab File: VL042946.D
Acq: 18 Sep 2025 15:13



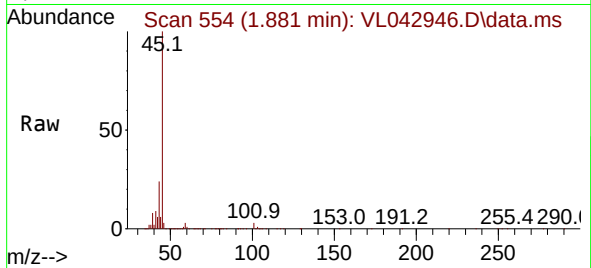
Tgt Ion: 43 Resp: 19075
Ion Ratio Lower Upper
43 100
57 0.0 39.8 59.8





#11
Trichlorofluoromethane
Concen: 0.218 ppbv
RT: 1.881 min Scan# 505
Delta R.T. 0.000 min
Lab File: VL042946.D
Acq: 18 Sep 2025 15:13

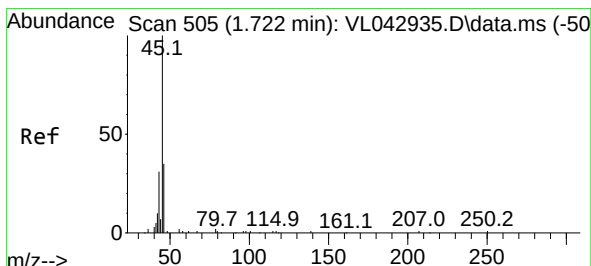
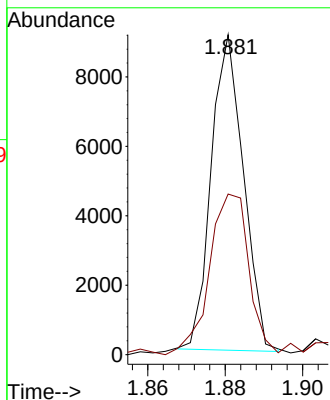
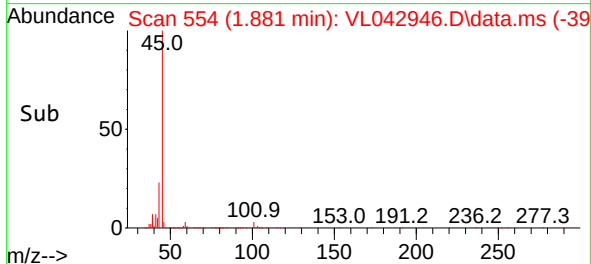
Instrument :
MSVOA_L
ClientSampleId :
IA1DUP



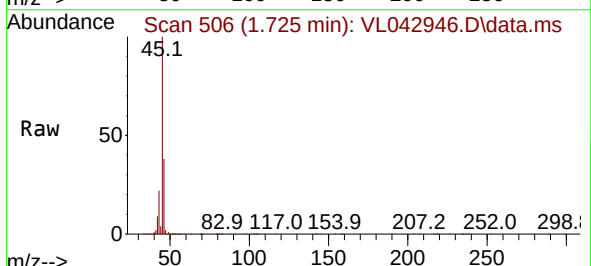
Tgt Ion:101 Resp: 5252
Ion Ratio Lower Upper
101 100
103 50.5 49.6 74.4

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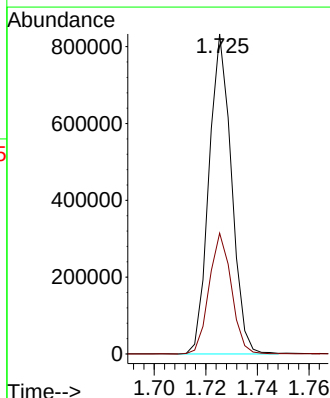
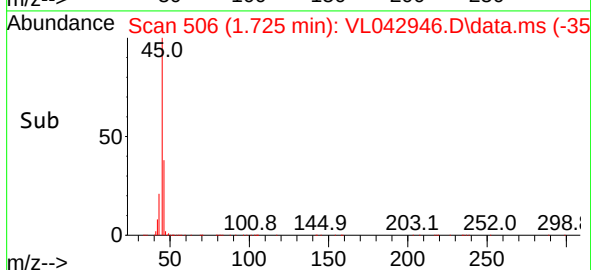
Reviewed By :Semsettin Yesilyurt 09/19/2025
Supervised By :Mahesh Dadoda 09/24/2025

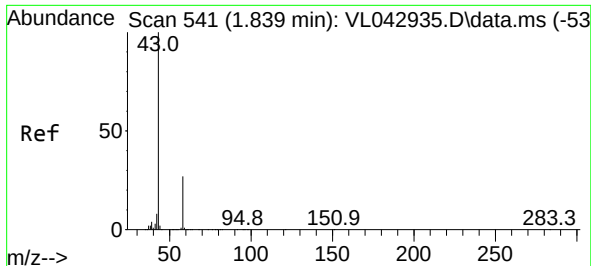


#13
Ethanol
Concen: 525.745 ppbv
RT: 1.725 min Scan# 506
Delta R.T. 0.003 min
Lab File: VL042946.D
Acq: 18 Sep 2025 15:13



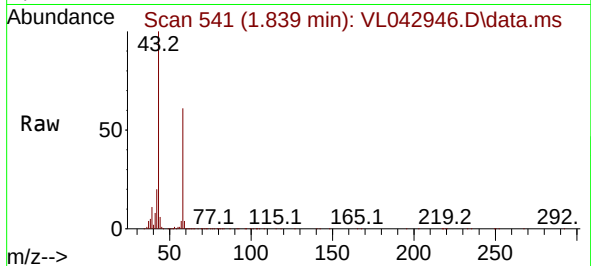
Tgt Ion: 45 Resp: 502858
Ion Ratio Lower Upper
45 100
46 37.8 16.5 66.1





#15
Acetone
Concen: 146.789 ppbv
RT: 1.839 min Scan# 541
Delta R.T. 0.000 min
Lab File: VL042946.D
Acq: 18 Sep 2025 15:13

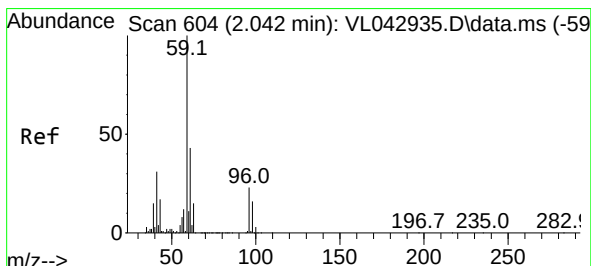
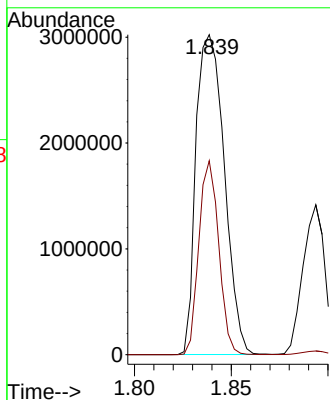
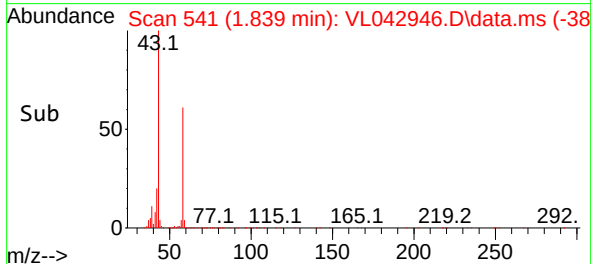
Instrument :
MSVOA_L
ClientSampleId :
IA1DUP



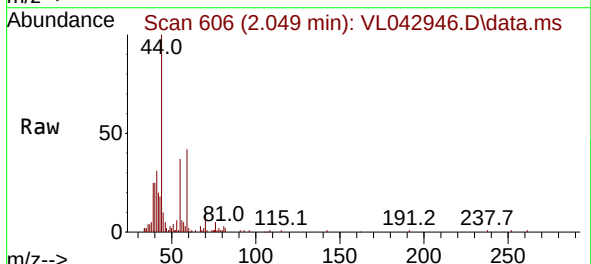
Tgt Ion: 43 Resp: 3079572
Ion Ratio Lower Upper
43 100
58 42.6 22.2 33.2

Manual Integrations
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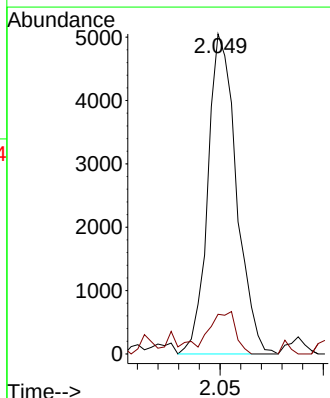
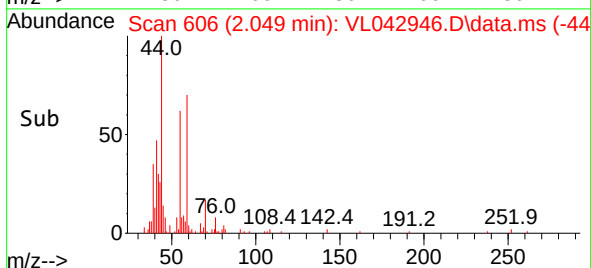
Reviewed By :Semsettin Yesilyurt 09/19/2025
Supervised By :Mahesh Dadoda 09/24/2025

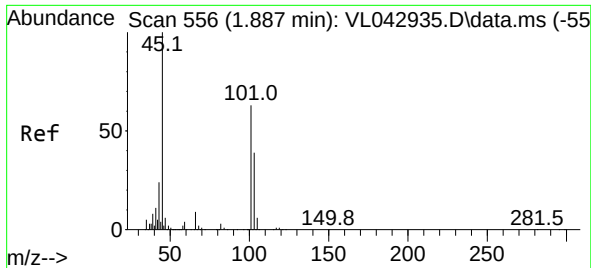


#17
tert-Butyl alcohol
Concen: 0.240 ppbv
RT: 2.049 min Scan# 606
Delta R.T. 0.007 min
Lab File: VL042946.D
Acq: 18 Sep 2025 15:13



Tgt Ion: 59 Resp: 4852
Ion Ratio Lower Upper
59 100
57 934.3 9.0 13.6





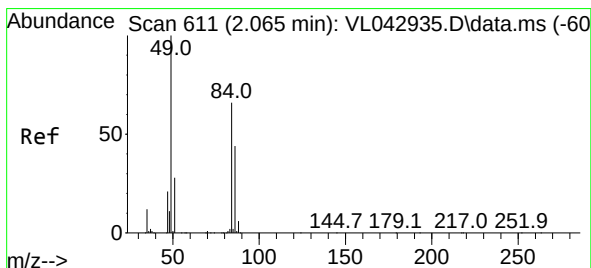
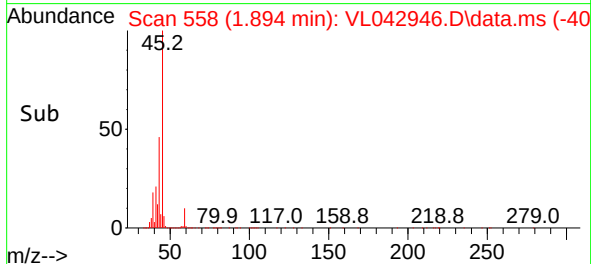
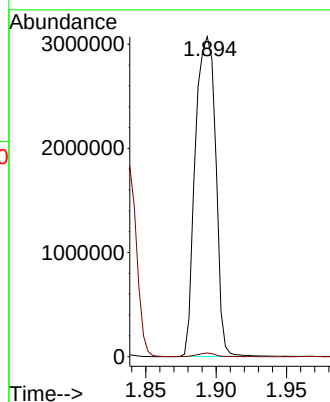
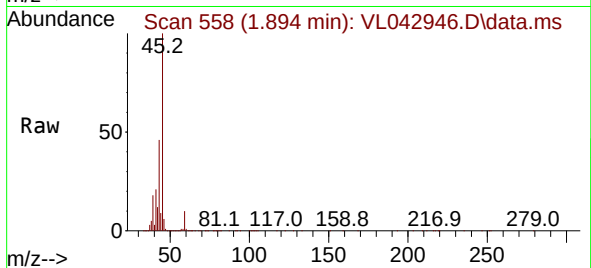
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Isopropyl Alcohol
Concen: 275.419 ppbv
RT: 1.894 min Scan# 556
Delta R.T. 0.007 min
Lab File: VL042946.D
Acq: 18 Sep 2025 15:13

Instrument :
MSVOA_L
ClientSampleId :
IA1DUP

Tgt Ion: 45 Resp: 3097954
Ion Ratio Lower Upper
45 100
58 42.3 2.0 3.0

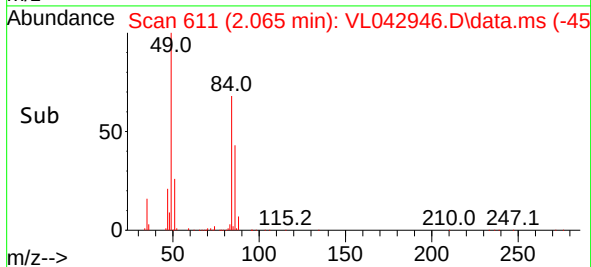
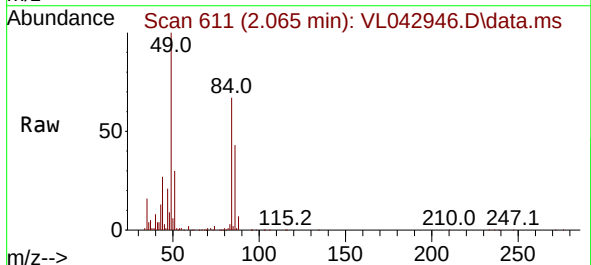
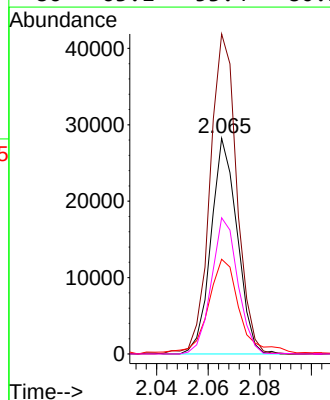
Manual Integrations
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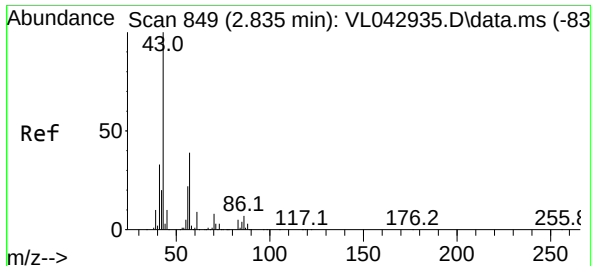
Reviewed By :Semsettin Yesilyurt 09/19/2025
Supervised By :Mahesh Dadoda 09/24/2025



#20
Methylene Chloride
Concen: 2.176 ppbv
RT: 2.065 min Scan# 611
Delta R.T. 0.000 min
Lab File: VL042946.D
Acq: 18 Sep 2025 15:13

Tgt Ion: 84 Resp: 19877
Ion Ratio Lower Upper
84 100
49 147.9 121.8 182.6
51 42.2 35.6 53.4
86 63.1 53.4 80.2





#25

Ethyl Acetate

Concen: 7.407 ppbv

RT: 2.842 min Scan# 849

Delta R.T. 0.007 min

Lab File: VL042946.D

Acq: 18 Sep 2025 15:13

Instrument :

MSVOA_L

ClientSampleId :

IA1DUP

Tgt Ion: 43 Resp: 33181

Ion Ratio Lower Upper

43 100

45 13.0 7.8 11.8

61 11.0 7.2 10.8

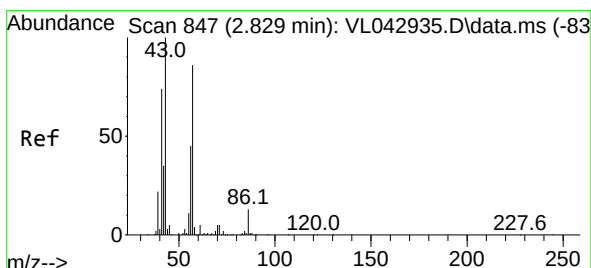
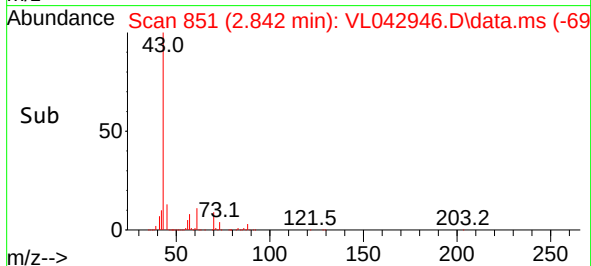
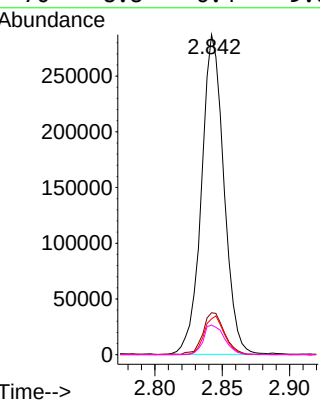
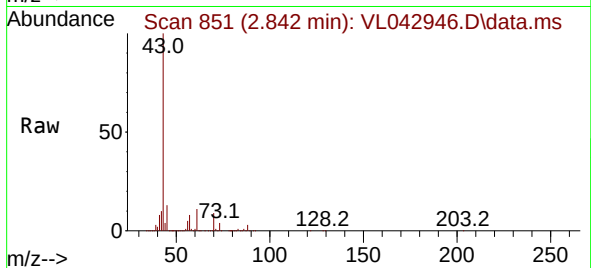
70 8.8 6.4 9.6

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 09/19/2025

Supervised By :Mahesh Dadoda 09/24/2025



#26

Hexane

Concen: 3.061 ppbv

RT: 2.832 min Scan# 848

Delta R.T. 0.003 min

Lab File: VL042946.D

Acq: 18 Sep 2025 15:13

Tgt Ion: 57 Resp: 58843

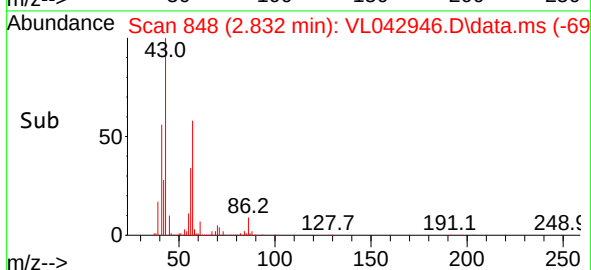
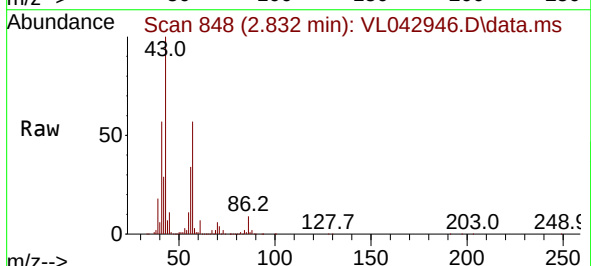
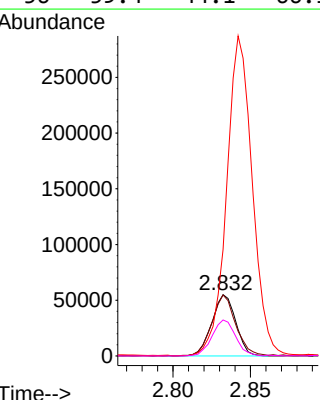
Ion Ratio Lower Upper

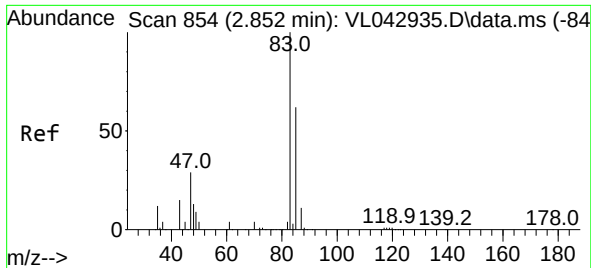
57 100

41 100.7 71.3 106.9

43 567.4 183.9 275.9

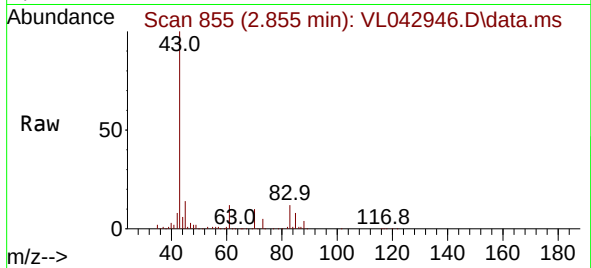
56 59.4 44.1 66.1





#29
Chloroform
Concen: 0.352 ppbv
RT: 2.855 min Scan# 854
Delta R.T. 0.003 min
Lab File: VL042946.D
Acq: 18 Sep 2025 15:13

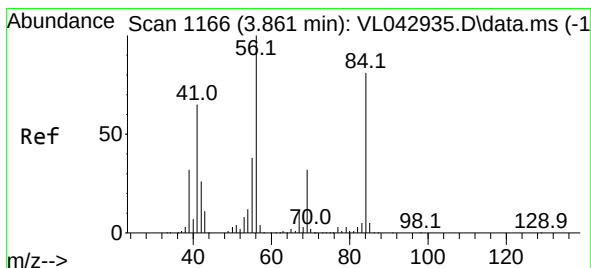
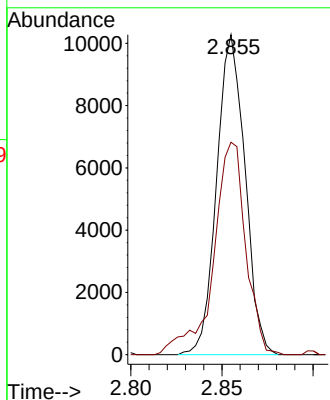
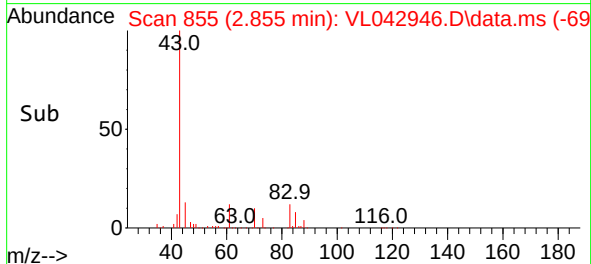
Instrument :
MSVOA_L
ClientSampleId :
IA1DUP



Tgt Ion: 83 Resp: 1107
Ion Ratio Lower Upper
83 100
85 65.2 49.7 74.5

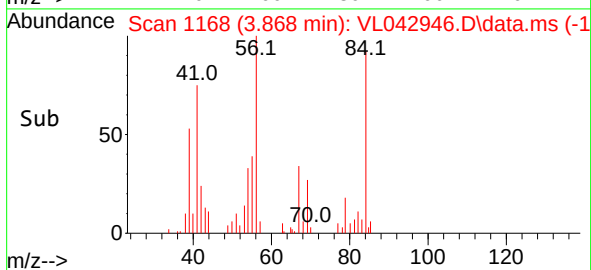
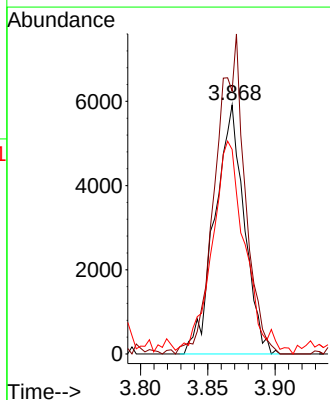
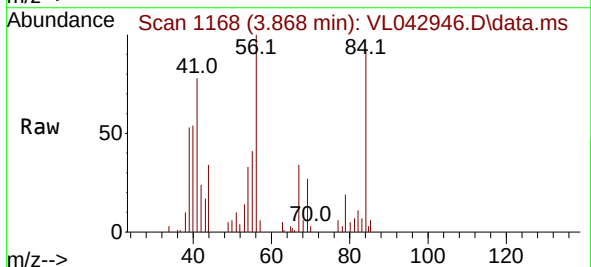
Manual Integrations
APPROVED

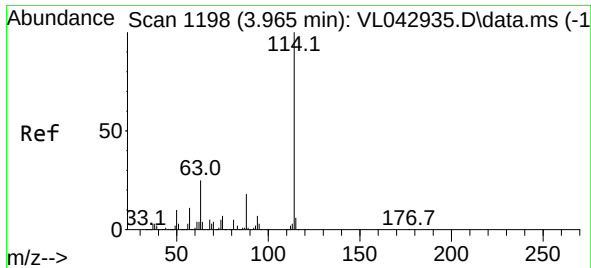
Reviewed By :Semsettin Yesilyurt 09/19/2025
Supervised By :Mahesh Dadoda 09/24/2025



#30
Cyclohexane
Concen: 0.620 ppbv m
RT: 3.868 min Scan# 1168
Delta R.T. 0.007 min
Lab File: VL042946.D
Acq: 18 Sep 2025 15:13

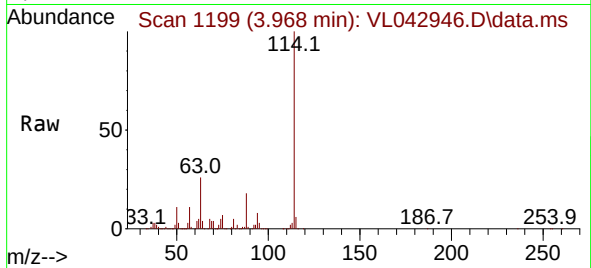
Tgt Ion: 84 Resp: 8978
Ion Ratio Lower Upper
84 100
56 128.3 100.6 150.8
41 91.4 65.4 98.0





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.968 min Scan# 1199
Delta R.T. 0.003 min
Lab File: VL042946.D
Acq: 18 Sep 2025 15:13

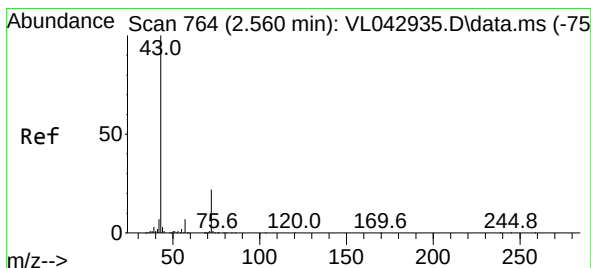
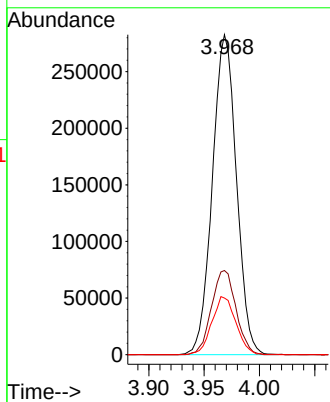
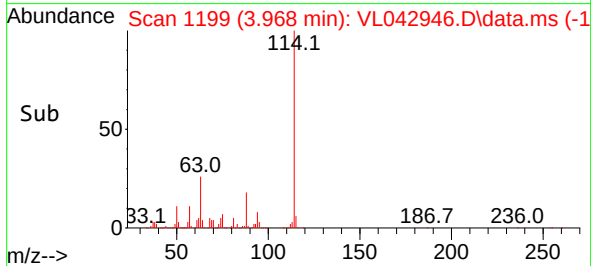
Instrument :
MSVOA_L
ClientSampleId :
IA1DUP



Tgt Ion:114 Resp: 427409
Ion Ratio Lower Upper
114 100
63 26.9 21.1 31.7
88 18.1 14.6 22.0

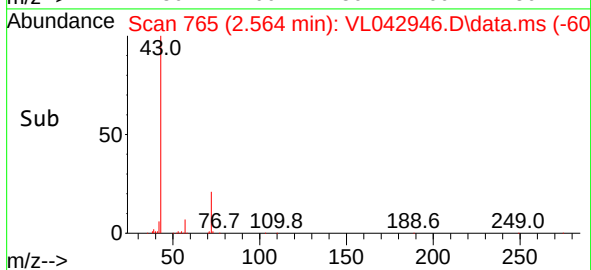
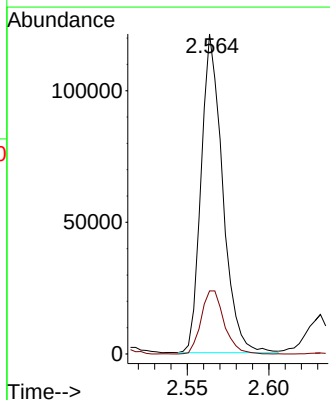
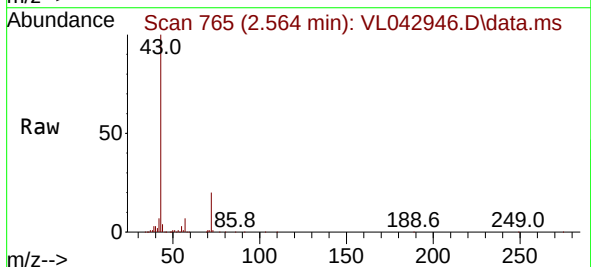
Manual Integrations
APPROVED

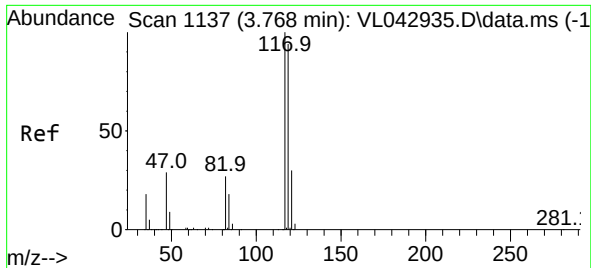
Reviewed By :Semsettin Yesilyurt 09/19/2025
Supervised By :Mahesh Dadoda 09/24/2025



#34
2-Butanone
Concen: 4.012 ppbv
RT: 2.564 min Scan# 765
Delta R.T. 0.003 min
Lab File: VL042946.D
Acq: 18 Sep 2025 15:13

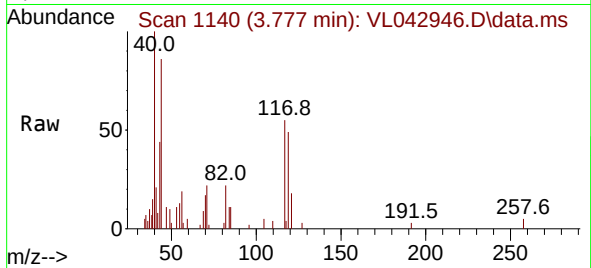
Tgt Ion: 43 Resp: 111149
Ion Ratio Lower Upper
43 100
72 21.2 17.2 25.8





#35
Carbon Tetrachloride
Concen: 0.072 ppbv m
RT: 3.777 min Scan# 1137
Delta R.T. 0.010 min
Lab File: VL042946.D
Acq: 18 Sep 2025 15:13

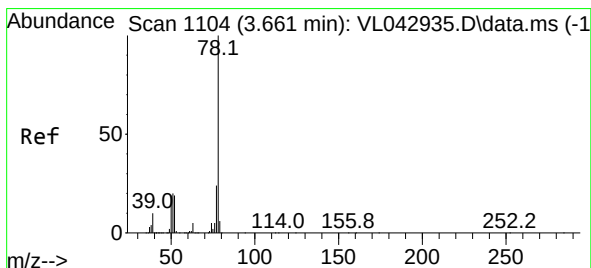
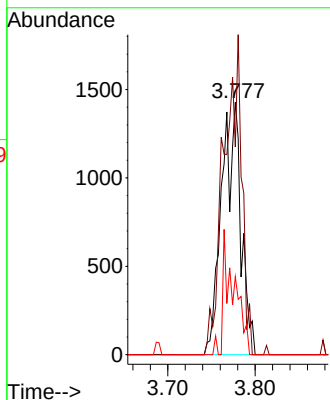
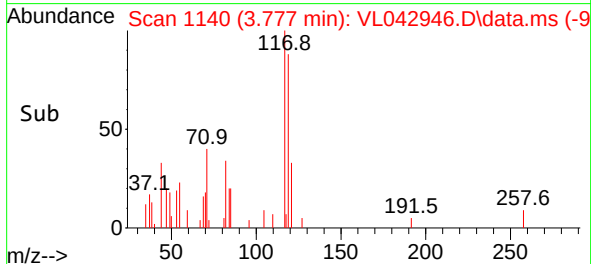
Instrument :
MSVOA_L
ClientSampleId :
IA1DUP



Tgt Ion:117 Resp: 219
Ion Ratio Lower Upper
117 100
119 88.2 74.9 112.3
121 33.2 24.0 36.0

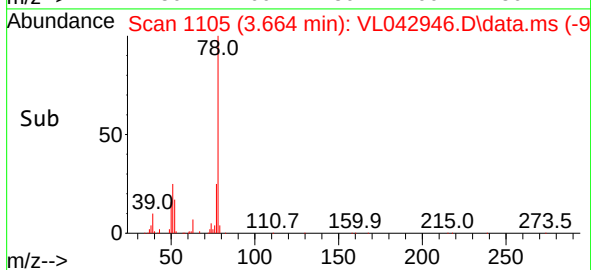
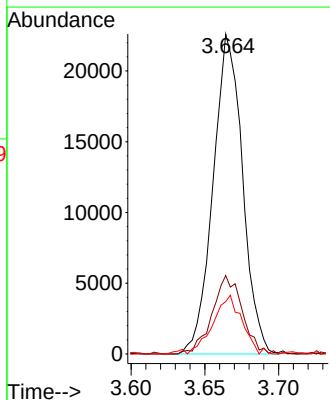
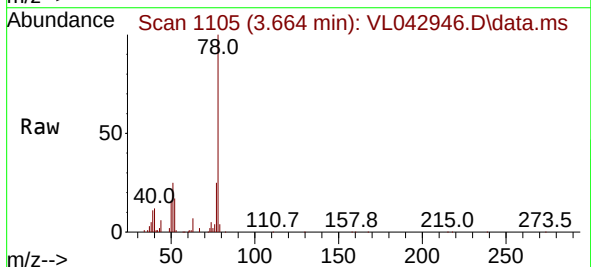
Manual Integrations
APPROVED

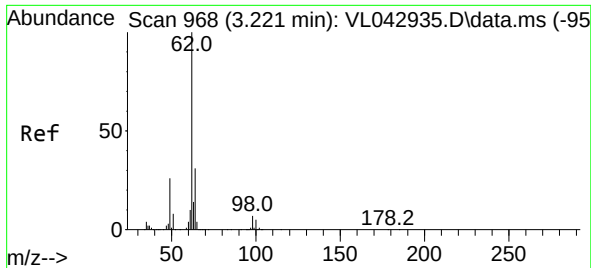
Reviewed By :Semsettin Yesilyurt 09/19/2025
Supervised By :Mahesh Dadoda 09/24/2025



#36
Benzene
Concen: 0.841 ppbv
RT: 3.664 min Scan# 1105
Delta R.T. 0.003 min
Lab File: VL042946.D
Acq: 18 Sep 2025 15:13

Tgt Ion: 78 Resp: 31365
Ion Ratio Lower Upper
78 100
77 24.5 19.2 28.8
50 16.3 14.8 22.2





#37

1,2-Dichloroethane

Concen: 0.635 ppbv

RT: 3.227 min Scan# 91

Delta R.T. 0.007 min

Lab File: VL042946.D

Acq: 18 Sep 2025 15:13

Instrument :

MSVOA_L

ClientSampleId :

IA1DUP

Tgt Ion: 62 Resp: 1417

Ion Ratio Lower Upper

62 100

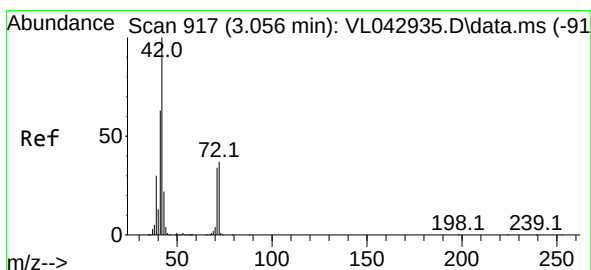
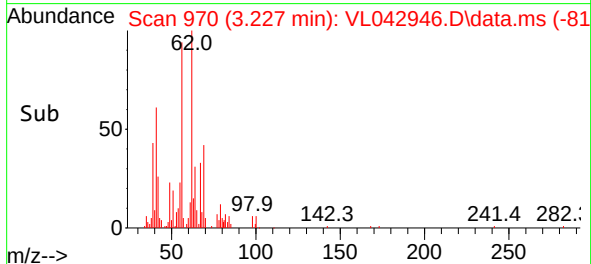
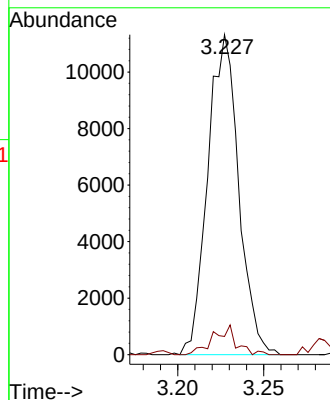
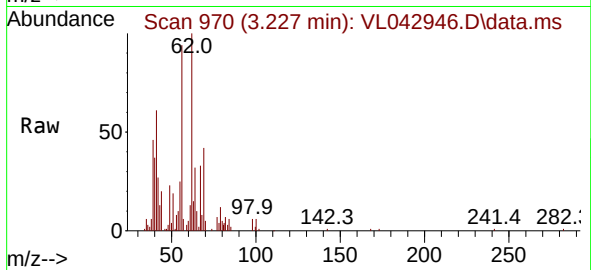
98 7.4 5.5 8.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/19/2025

Supervised By :Mahesh Dadoda 09/24/2025



#41

Tetrahydrofuran

Concen: 2.956 ppbv

RT: 3.065 min Scan# 920

Delta R.T. 0.010 min

Lab File: VL042946.D

Acq: 18 Sep 2025 15:13

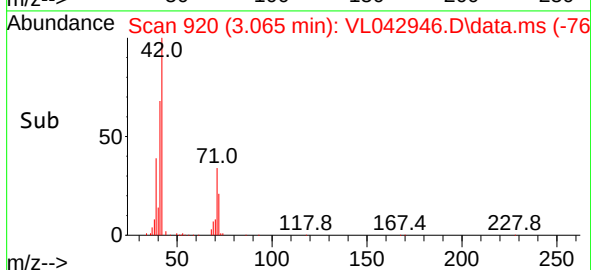
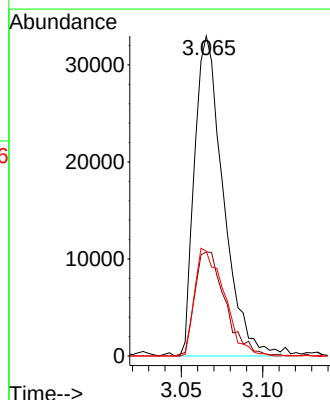
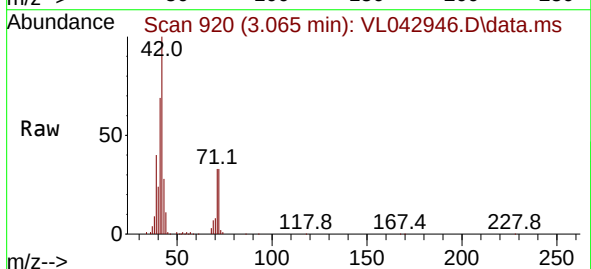
Tgt Ion: 42 Resp: 40527

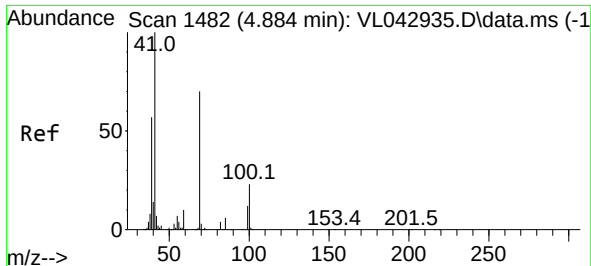
Ion Ratio Lower Upper

42 100

72 34.7 30.4 45.6

71 34.5 28.3 42.5





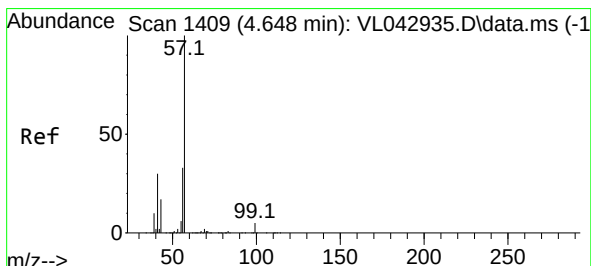
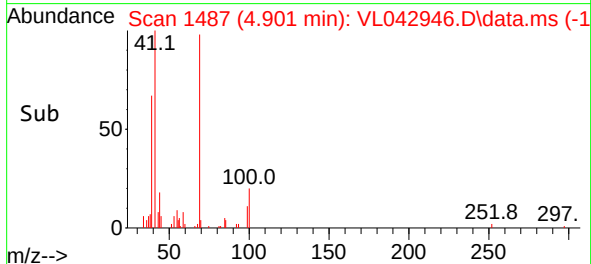
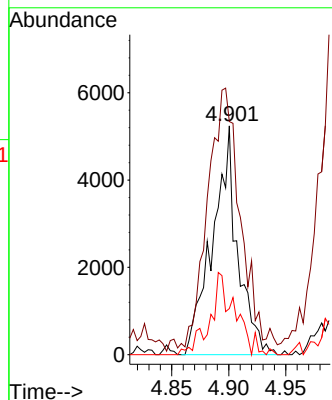
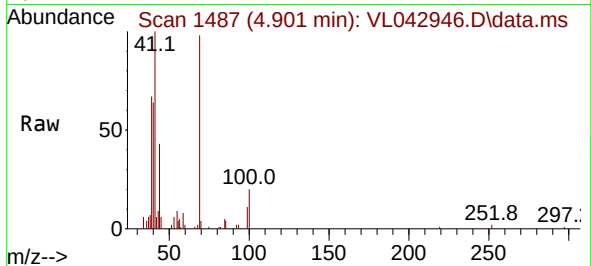
#43
Methyl Methacrylate
Concen: 0.646 ppbv
RT: 4.901 min Scan# 1410
Delta R.T. 0.016 min
Lab File: VL042946.D
Acq: 18 Sep 2025 15:13

Instrument :
MSVOA_L
ClientSampleId :
IA1DUP

Tgt Ion: 69 Resp: 805
Ion Ratio Lower Upper
69 100
41 152.1 118.6 178.0
100 35.9 26.2 39.4

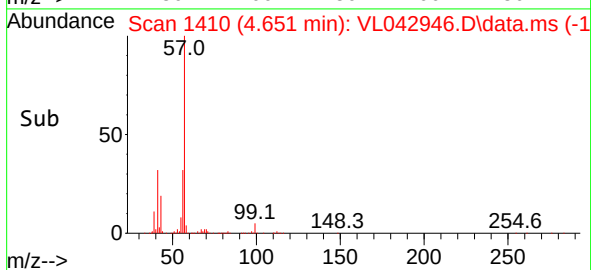
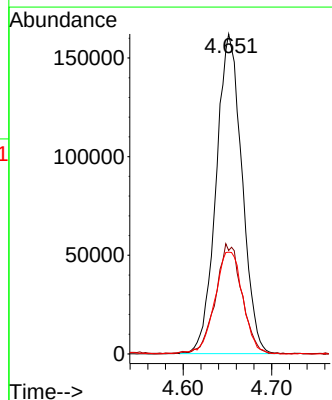
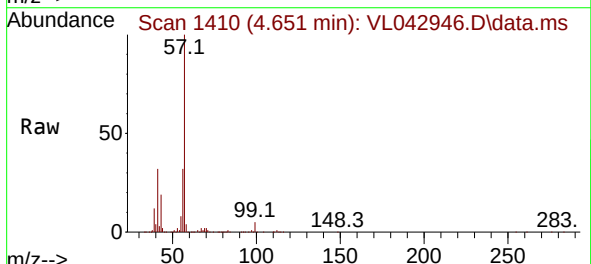
Manual Integrations
APPROVED

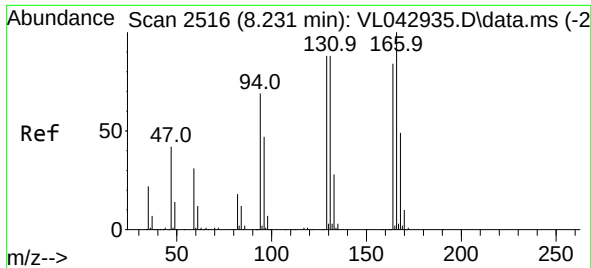
Reviewed By :Semsettin Yesilyurt 09/19/2025
Supervised By :Mahesh Dadoda 09/24/2025



#44
2,2,4-Trimethylpentane
Concen: 5.272 ppbv
RT: 4.651 min Scan# 1410
Delta R.T. 0.003 min
Lab File: VL042946.D
Acq: 18 Sep 2025 15:13

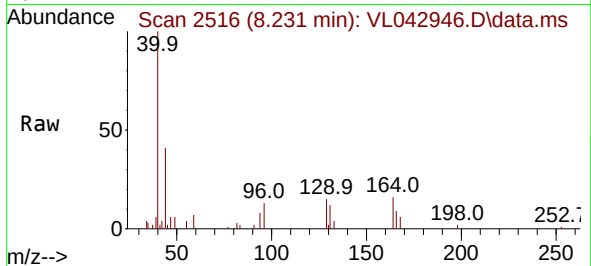
Tgt Ion: 57 Resp: 327844
Ion Ratio Lower Upper
57 100
41 35.5 25.8 38.6
56 34.7 26.2 39.4





#52
Tetrachloroethene
Concen: 0.060 ppbv m
RT: 8.231 min Scan# 2119
Delta R.T. 0.000 min
Lab File: VL042946.D
Acq: 18 Sep 2025 15:13

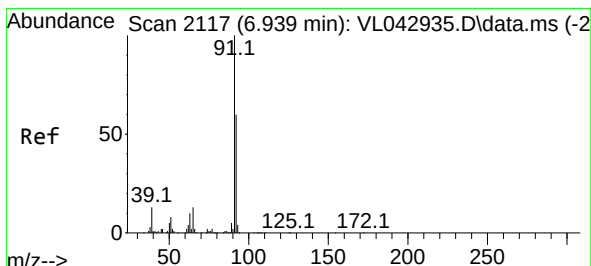
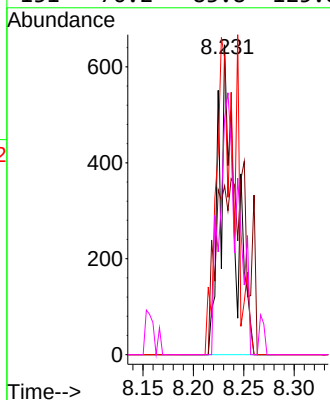
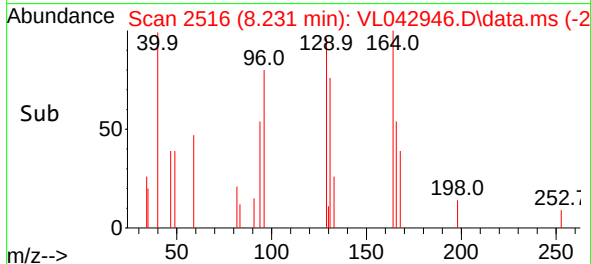
Instrument :
MSVOA_L
ClientSampleId :
IA1DUP



Tgt Ion:164 Resp: 690
Ion Ratio Lower Upper
164 100
166 54.5 95.4 143.0
129 95.8 84.0 126.0
131 76.2 83.8 125.8#

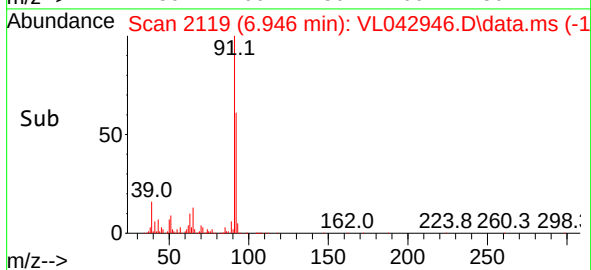
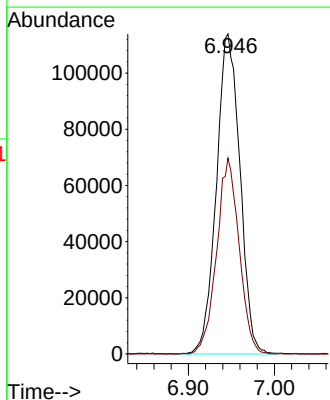
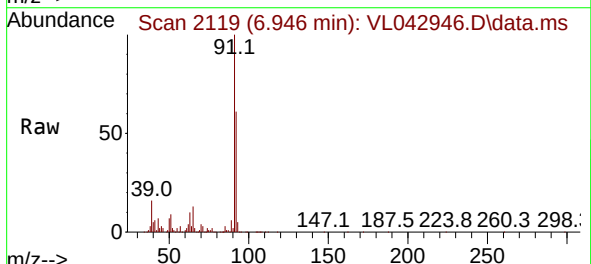
Manual Integrations
APPROVED

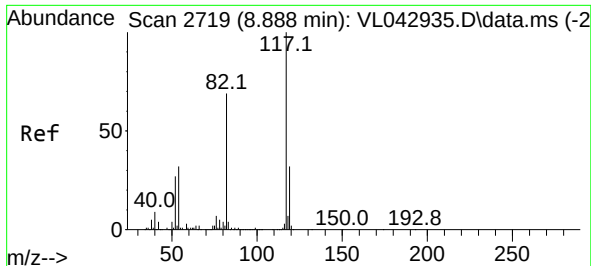
Reviewed By :Semsettin Yesilyurt 09/19/2025
Supervised By :Mahesh Dadoda 09/24/2025



#53
Toluene
Concen: 6.234 ppbv
RT: 6.946 min Scan# 2119
Delta R.T. 0.007 min
Lab File: VL042946.D
Acq: 18 Sep 2025 15:13

Tgt Ion: 91 Resp: 216732
Ion Ratio Lower Upper
91 100
92 58.4 47.4 71.2





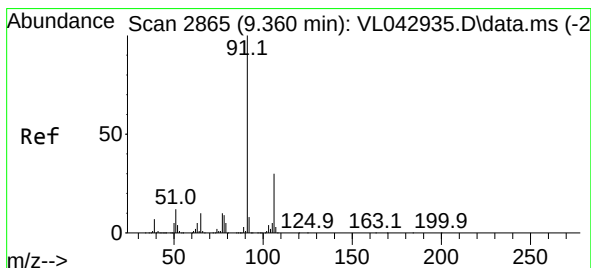
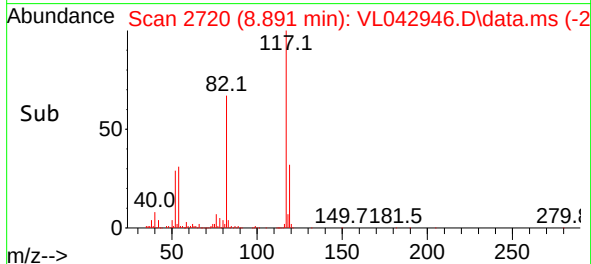
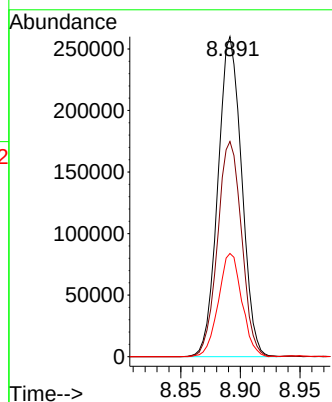
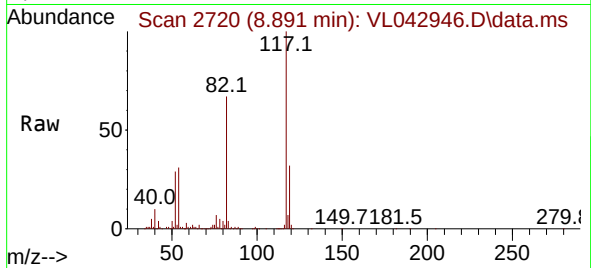
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.891 min Scan# 2719
Delta R.T. 0.003 min
Lab File: VL042946.D
Acq: 18 Sep 2025 15:13

Instrument :
MSVOA_L
ClientSampleId :
IA1DUP

Tgt Ion:117 Resp: 360089
Ion Ratio Lower Upper
117 100
82 68.3 56.1 84.1
119 31.9 25.8 38.8

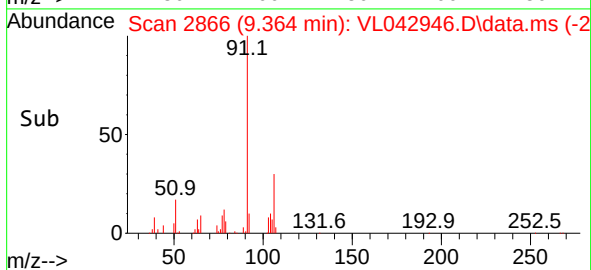
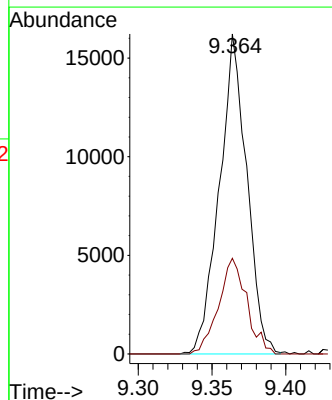
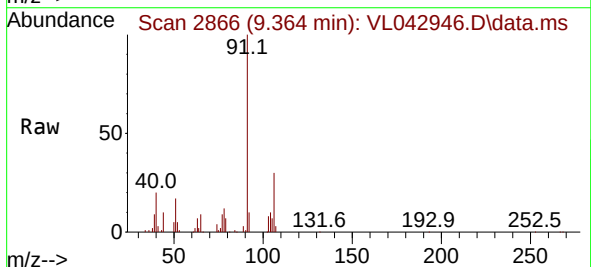
Manual Integrations
APPROVED

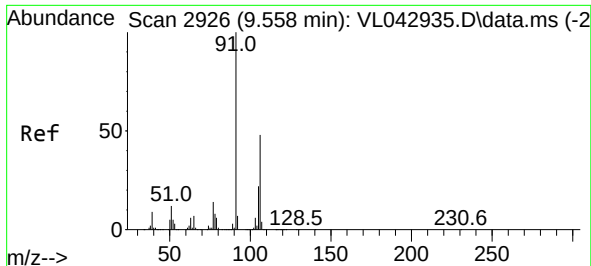
Reviewed By :Semsettin Yesilyurt 09/19/2025
Supervised By :Mahesh Dadoda 09/24/2025



#58
Ethyl Benzene
Concen: 0.452 ppbv
RT: 9.364 min Scan# 2866
Delta R.T. 0.003 min
Lab File: VL042946.D
Acq: 18 Sep 2025 15:13

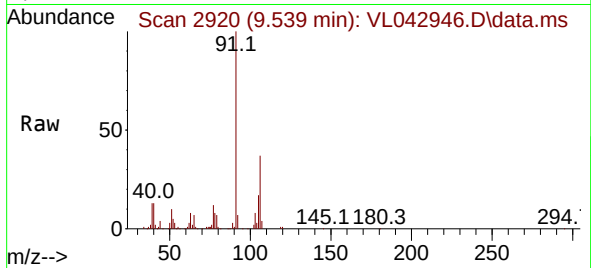
Tgt Ion: 91 Resp: 20956
Ion Ratio Lower Upper
91 100
106 29.9 24.2 36.4





#59
m/p-Xylene
Concen: 1.514 ppbv m
RT: 9.539 min Scan# 2926
Delta R.T. -0.019 min
Lab File: VL042946.D
Acq: 18 Sep 2025 15:13

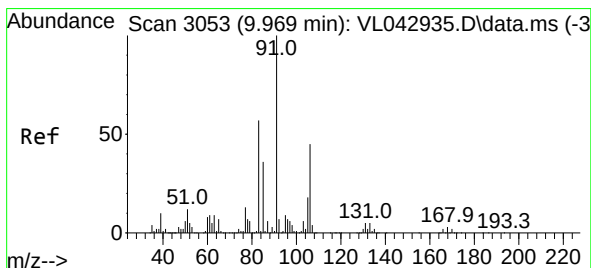
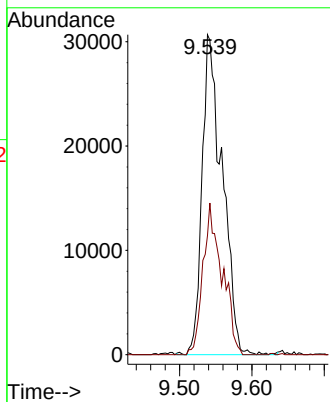
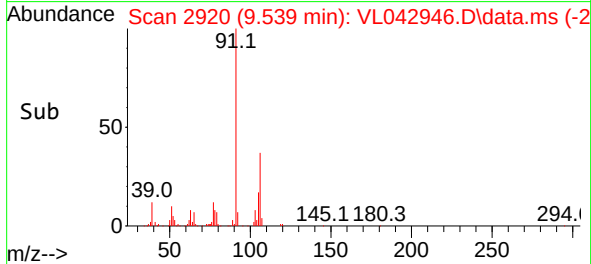
Instrument :
MSVOA_L
ClientSampleId :
IA1DUP



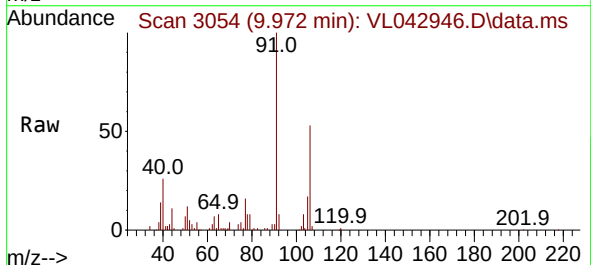
Tgt Ion: 91 Resp: 59360
Ion Ratio Lower Upper
91 100
106 0.0 37.4 56.0

Manual Integrations
APPROVED

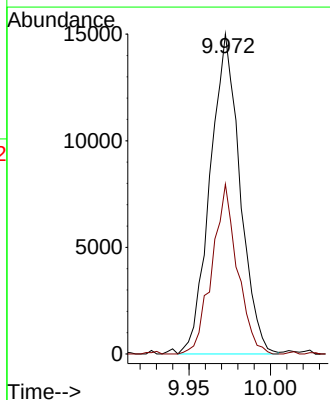
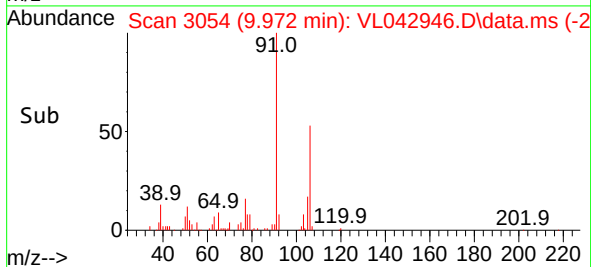
Reviewed By :Semsettin Yesilyurt 09/19/2025
Supervised By :Mahesh Dadoda 09/24/2025

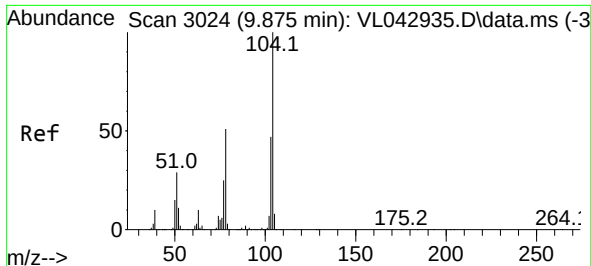


#60
o-Xylene
Concen: 0.490 ppbv
RT: 9.972 min Scan# 3054
Delta R.T. 0.003 min
Lab File: VL042946.D
Acq: 18 Sep 2025 15:13



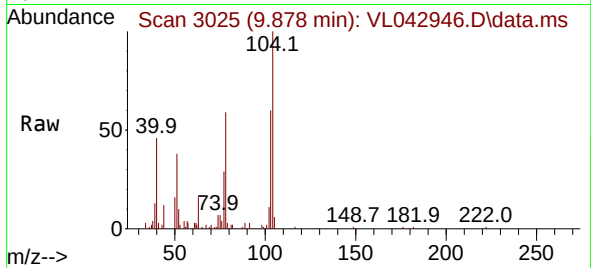
Tgt Ion: 91 Resp: 19080
Ion Ratio Lower Upper
91 100
106 45.5 22.1 66.5





#61
Styrene
Concen: 1.184 ppbv
RT: 9.878 min Scan# 3024
Delta R.T. 0.003 min
Lab File: VL042946.D
Acq: 18 Sep 2025 15:13

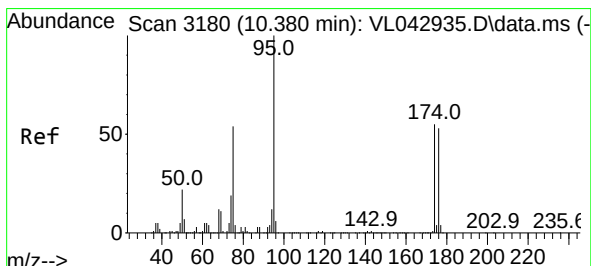
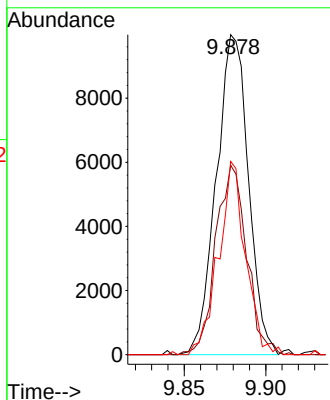
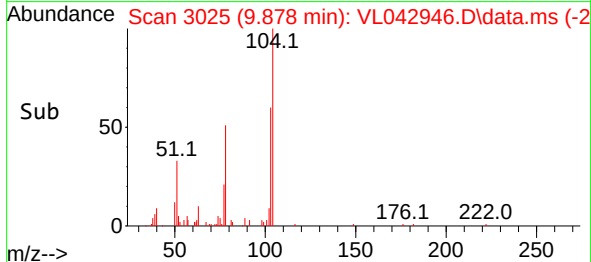
Instrument :
MSVOA_L
ClientSampleId :
IA1DUP



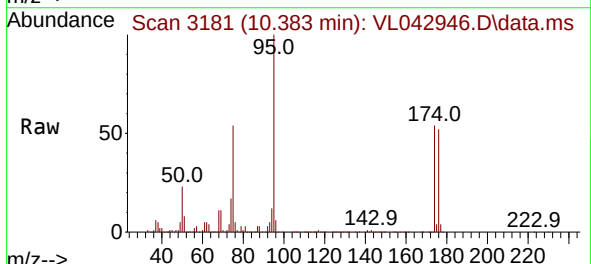
Tgt Ion:104 Resp: 1366
Ion Ratio Lower Upper
104 100
78 56.9 40.2 60.2
103 51.1 36.8 55.2

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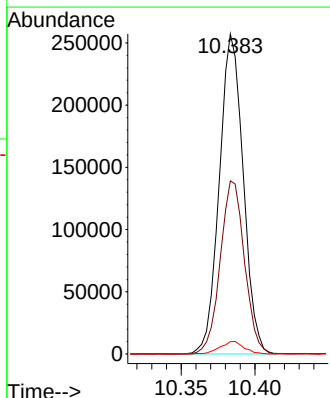
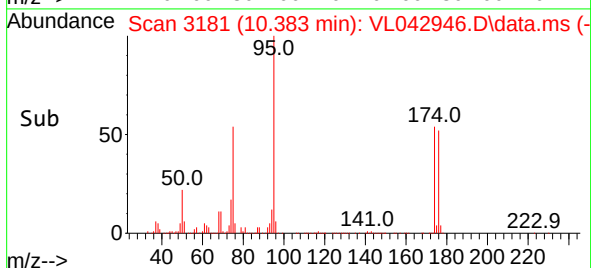
Reviewed By :Semsettin Yesilyurt 09/19/2025
Supervised By :Mahesh Dadoda 09/24/2025

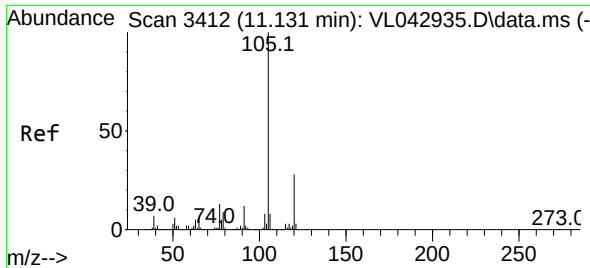


#68
1-Bromo-4-Fluorobenzene
Concen: 10.286 ppbv
RT: 10.383 min Scan# 3181
Delta R.T. 0.003 min
Lab File: VL042946.D
Acq: 18 Sep 2025 15:13



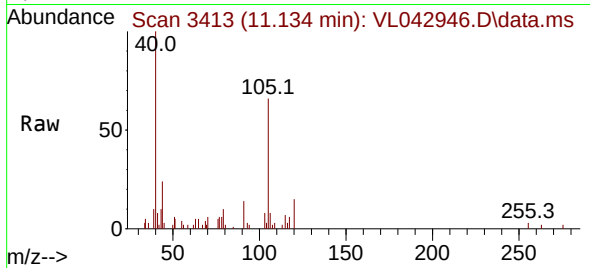
Tgt Ion: 95 Resp: 289519
Ion Ratio Lower Upper
95 100
174 55.0 44.9 67.3
175 3.9 3.3 4.9





#72
4-Ethyltoluene
Concen: 0.408 ppbv m
RT: 11.134 min Scan# 3412
Delta R.T. 0.003 min
Lab File: VL042946.D
Acq: 18 Sep 2025 15:13

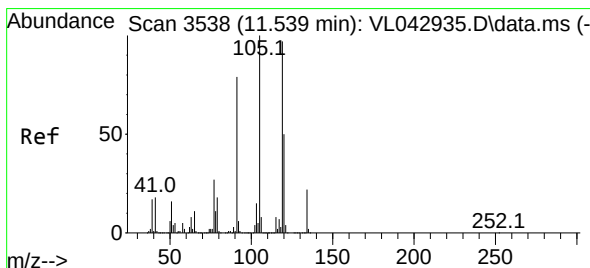
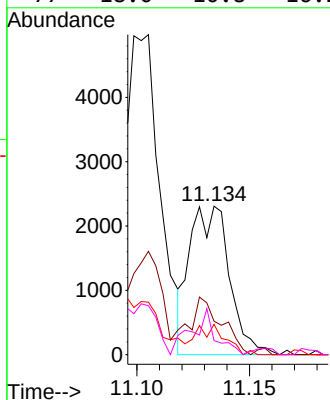
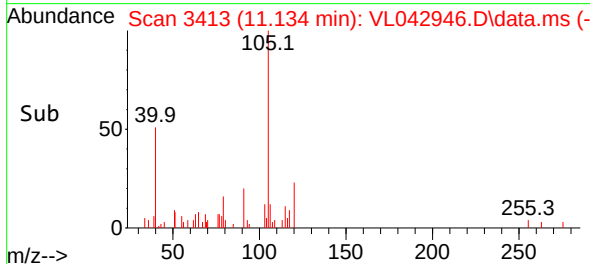
Instrument :
MSVOA_L
ClientSampleId :
IA1DUP



Tgt Ion:	105	Resp:	283
Ion Ratio	Lower	Upper	
105	100		
120	0.0	23.1	34.7
91	0.0	10.4	15.6
77	18.0	10.8	16.2

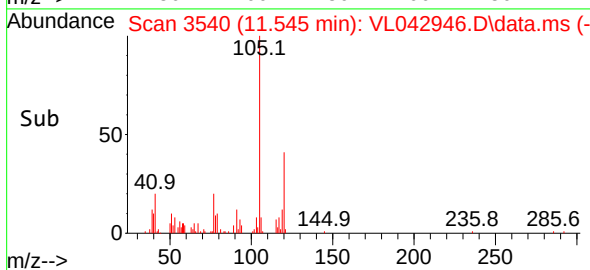
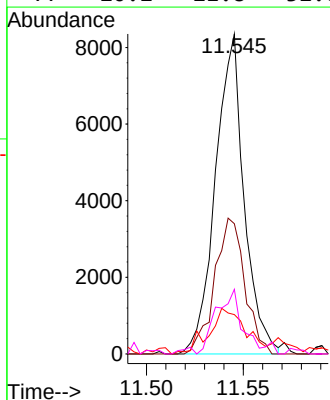
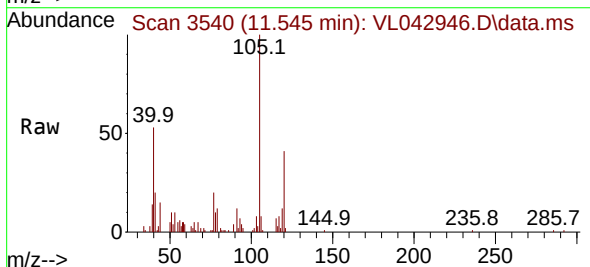
Manual Integrations
APPROVED

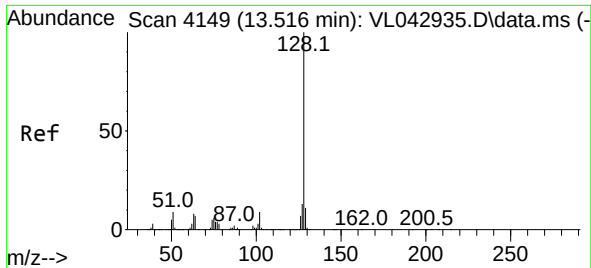
Reviewed By :Semsettin Yesilyurt 09/19/2025
Supervised By :Mahesh Dadoda 09/24/2025



#74
1,2,4-Trimethylbenzene
Concen: 0.189 ppbv
RT: 11.545 min Scan# 3540
Delta R.T. 0.007 min
Lab File: VL042946.D
Acq: 18 Sep 2025 15:13

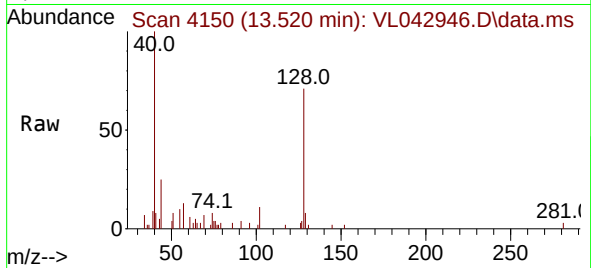
Tgt Ion:	105	Resp:	8583
Ion Ratio	Lower	Upper	
105	100		
120	43.1	39.8	59.6
91	11.6	63.1	94.7
77	20.2	21.8	32.6





#79
Naphthalene
Concen: 0.418 ppbv
RT: 13.520 min Scan# 4150
Delta R.T. 0.004 min
Lab File: VL042946.D
Acq: 18 Sep 2025 15:13

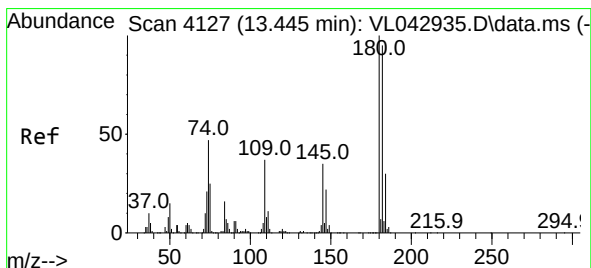
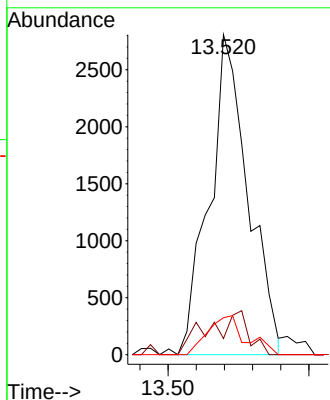
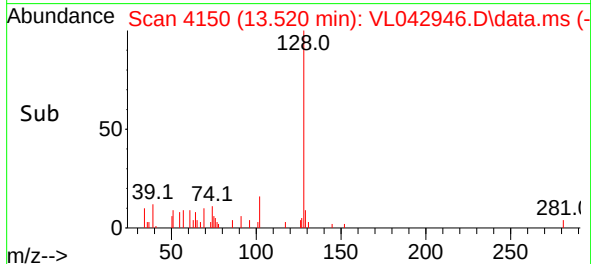
Instrument :
MSVOA_L
ClientSampleId :
IA1DUP



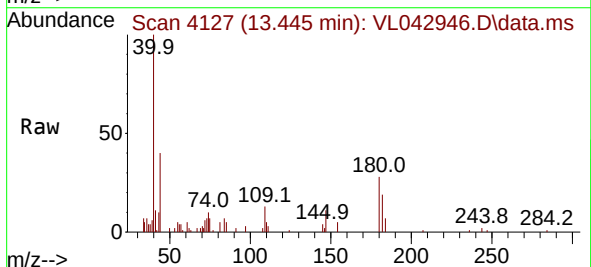
Tgt Ion:128 Resp: 268
Ion Ratio Lower Upper
128 100
127 5.1 10.3 15.5
129 11.5 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 09/19/2025
Supervised By :Mahesh Dadoda 09/24/2025



#81
1,2,4-Trichlorobenzene
Concen: 0.476 ppbv m
RT: 13.445 min Scan# 4127
Delta R.T. 0.000 min
Lab File: VL042946.D
Acq: 18 Sep 2025 15:13



Tgt Ion:180 Resp: 1210
Ion Ratio Lower Upper
180 100
182 83.6 75.5 113.3
184 0.0 24.6 37.0#

