

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041725\
 Data File : VL042367.D
 Acq On : 17 Apr 2025 20:38
 Operator : SY/MD
 Sample : Q1726-02
 Misc : 400mL/MSVOA_L
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-B2-6-03312025

Manual Integrations
 APPROVED

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

Quant Time: Apr 18 02:43:05 2025

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

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

QLast Update : Fri Apr 18 02:14:00 2025

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.787	49	117602	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.959	114	335422	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.878	117	296955	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 10.374 95 247280 10.134 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 101.300%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.499	85	10227	0.492	ppbv	93
3) Chlorodifluoromethane	1.476	51	4416m	0.223	ppbv	
4) Chloromethane	1.531	50	40465	4.921	ppbv	97
9) Propene	1.486	41	23304m	2.586	ppbv	
10) Heptane	4.978	43	167433	6.614	ppbv	98
11) Trichlorofluoromethane	1.874	101	4482	0.227	ppbv	97
13) Ethanol	1.722	45	349355	243.933	ppbv	76
15) Acetone	1.832	43	2494566	129.576	ppbv #	62
17) tert-Butyl alcohol	2.042	59	25593	1.073	ppbv	98
19) Isopropyl Alcohol	1.884	45	264094	24.694	ppbv #	33
20) Methylene Chloride	2.062	84	53039	7.035	ppbv	95
26) Hexane	2.826	57	134610	7.007	ppbv #	35
29) Chloroform	2.848	83	9936m	0.366	ppbv	
30) Cyclohexane	3.858	84	26517m	1.708	ppbv	
32) 1,1,1-Trichloroethane	3.369	97	2187m	0.072	ppbv	
34) 2-Butanone	2.557	43	50219	1.893	ppbv	97
35) Carbon Tetrachloride	3.761	117	3127m	0.103	ppbv	
36) Benzene	3.654	78	61349	1.696	ppbv #	96
37) 1,2-Dichloroethane	3.217	62	3633	0.167	ppbv #	88
41) Tetrahydrofuran	3.062	42	6945	0.449	ppbv #	76
44) 2,2,4-Trimethylpentane	4.638	57	905076	14.485	ppbv	94
52) Tetrachloroethene	8.224	164	1554m	0.111	ppbv	
53) Toluene	6.933	91	1722699	39.680	ppbv	100
58) Ethyl Benzene	9.354	91	505495	8.592	ppbv	100
59) m/p-Xylene	9.529	91	1399337	29.524	ppbv	99
60) o-Xylene	9.963	91	552991	11.586	ppbv	99
61) Styrene	9.869	104	7256	0.319	ppbv	95
62) Isopropylbenzene	10.539	105	52108	0.744	ppbv	99
64) n-propylbenzene	10.989	120	45701	2.595	ppbv	95
67) sec-Butylbenzene	11.769	105	15818	0.177	ppbv #	76
69) p-Isopropyltoluene	11.924	119	24554	0.315	ppbv	96
70) n-Butylbenzene	12.286	91	76213	0.940	ppbv #	38
71) 2-Chlorotoluene	10.901	91	48685	0.886	ppbv	98
72) 4-Ethyltoluene	11.124	105	257296	4.410	ppbv #	56
73) 1,3,5-Trimethylbenzene	11.202	105	275258	5.343	ppbv	97
74) 1,2,4-Trimethylbenzene	11.536	105	895635	14.886	ppbv #	65
76) 1,4-Dichlorobenzene	11.671	146	6955	0.221	ppbv #	69
79) Naphthalene	13.513	128	122970	1.709	ppbv	99
80) Naphthalene,2-methyl-	14.458	142	31538	0.769	ppbv	93

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

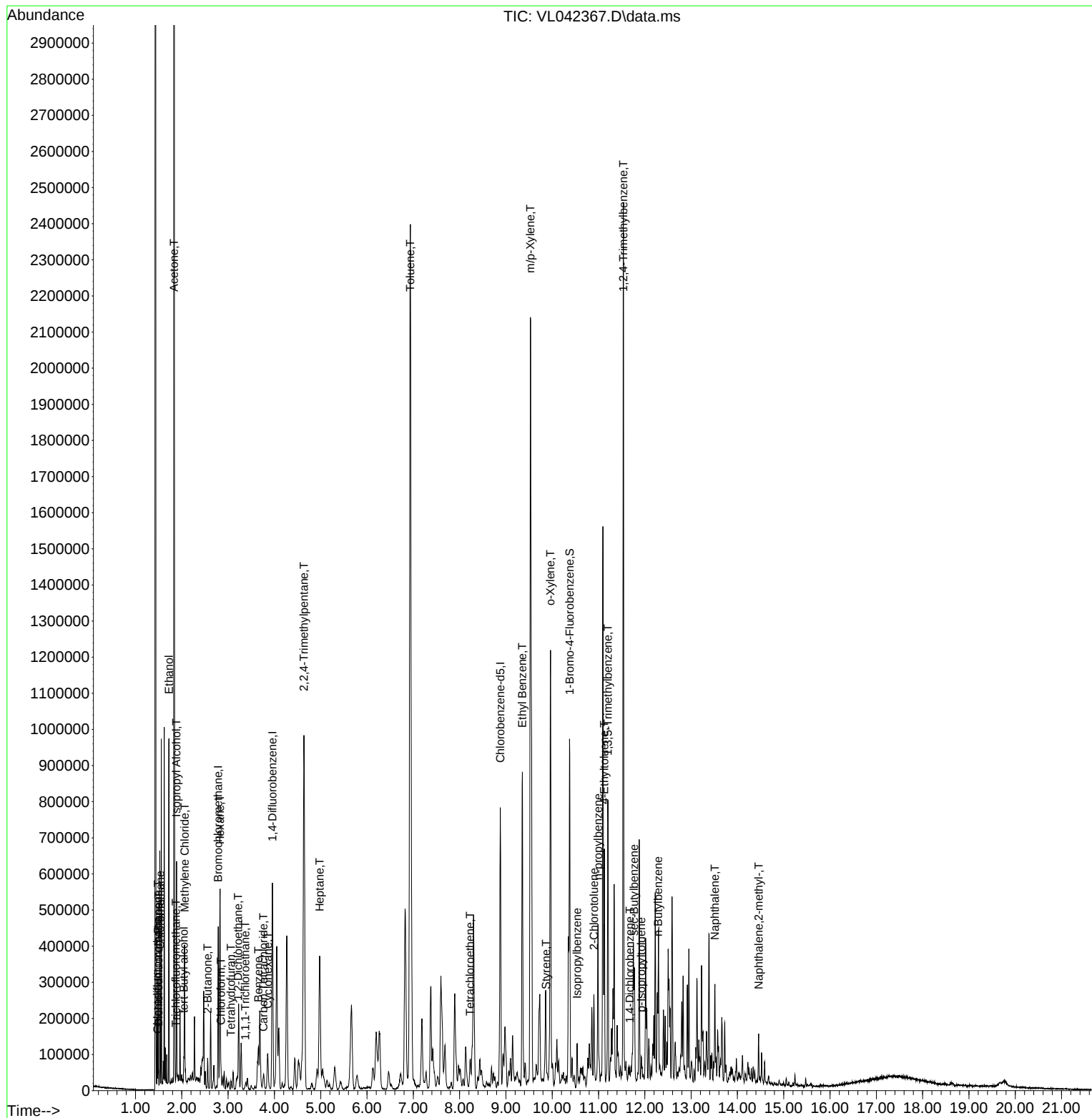
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041725\
Data File : VL042367.D
Acq On : 17 Apr 2025 20:38
Operator : SY/MD
Sample : Q1726-02
Misc : 400mL/MSVOA_L
ALS Vial : 6 Sample Multiplier: 1

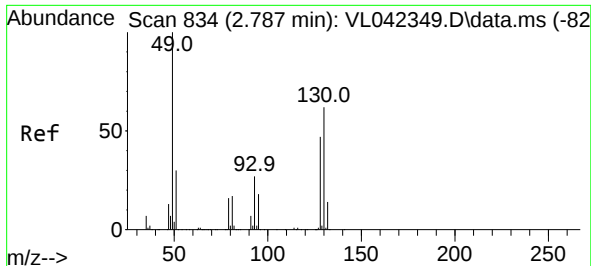
Instrument :
MSVOA_L
ClientSampleId :
IA-B2-6-03312025

Quant Time: Apr 18 02:43:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041725AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Fri Apr 18 02:14:00 2025
Response via : Initial Calibration

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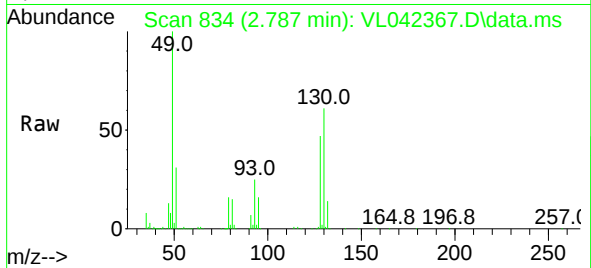
Reviewed By : Semsettin Yesilyurt 04/18/2025
Supervised By : Mahesh Dadoda 04/18/2025





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.787 min Scan# 834
Delta R.T. -0.000 min
Lab File: VL042367.D
Acq: 17 Apr 2025 20:38

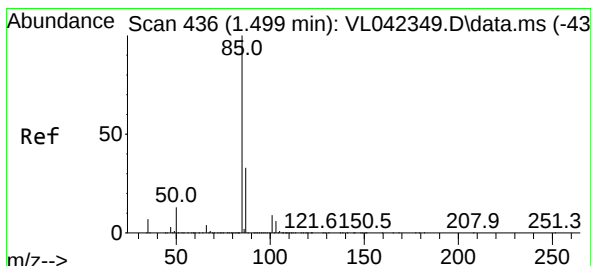
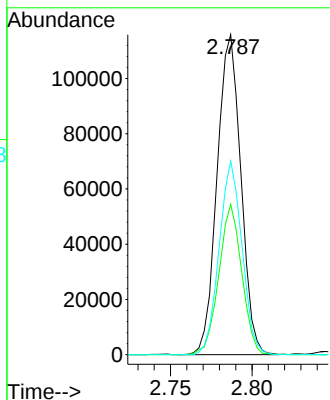
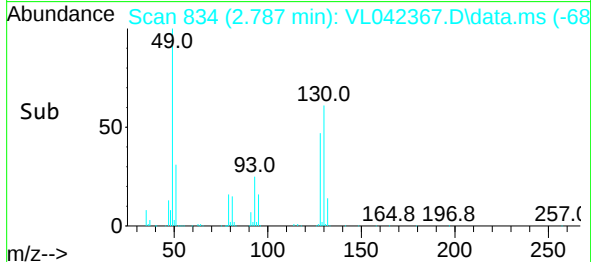
Instrument : MSVOA_L
ClientSampleId : IA-B2-6-03312025



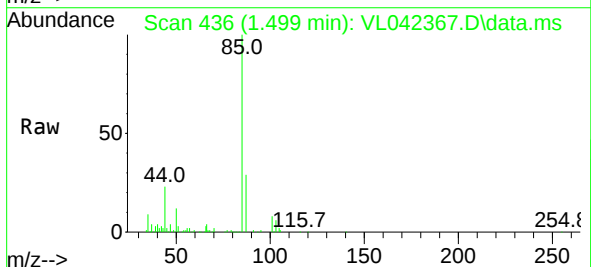
Tgt Ion: 49 Resp: 117602
Ion Ratio Lower Upper
49 100
128 45.1 22.8 68.4
130 58.1 29.3 88.0

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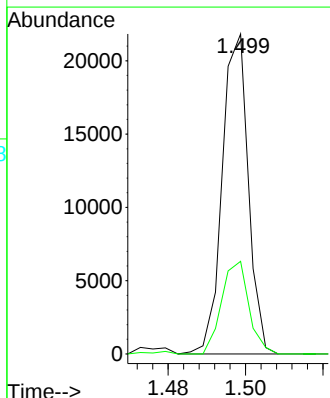
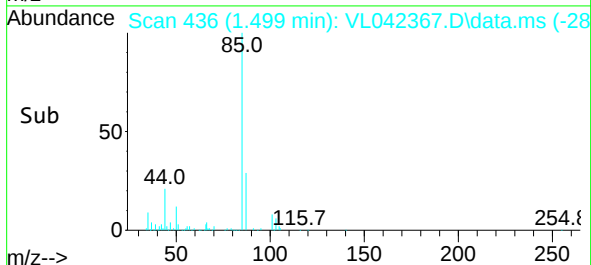
Reviewed By :Semsettin Yesilyurt 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025

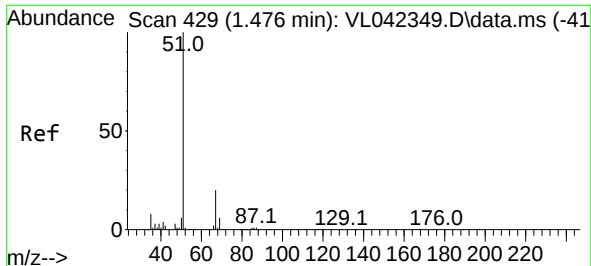


#2
Dichlorodifluoromethane
Concen: 0.492 ppbv
RT: 1.499 min Scan# 436
Delta R.T. -0.000 min
Lab File: VL042367.D
Acq: 17 Apr 2025 20:38



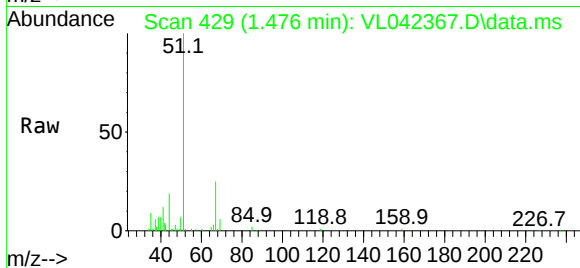
Tgt Ion: 85 Resp: 10227
Ion Ratio Lower Upper
85 100
87 29.0 26.6 39.8





#3
Chlorodifluoromethane
Concen: 0.223 ppbv m
RT: 1.476 min Scan# 429
Delta R.T. -0.000 min
Lab File: VL042367.D
Acq: 17 Apr 2025 20:38

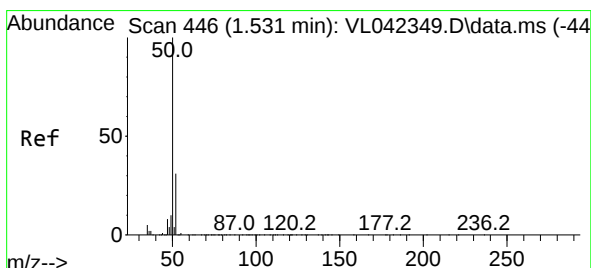
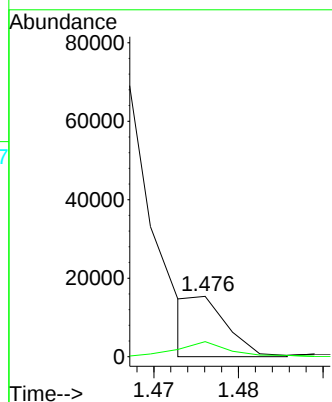
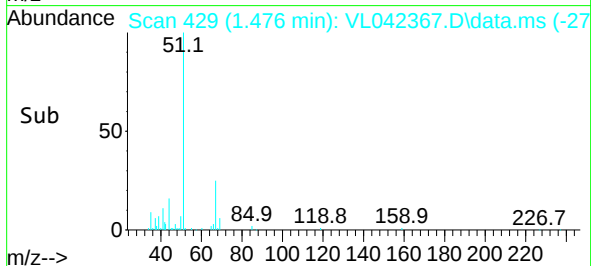
Instrument :
MSVOA_L
ClientSampleId :
IA-B2-6-03312025



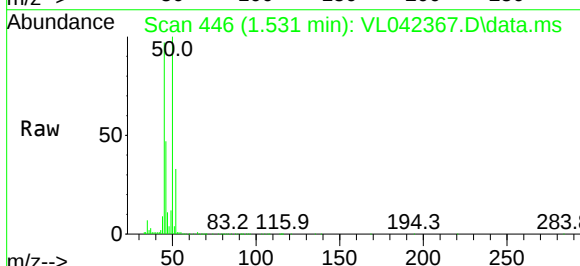
Tgt Ion: 51 Resp: 4410
Ion Ratio Lower Upper
51 100
67 12.5 16.2 24.4

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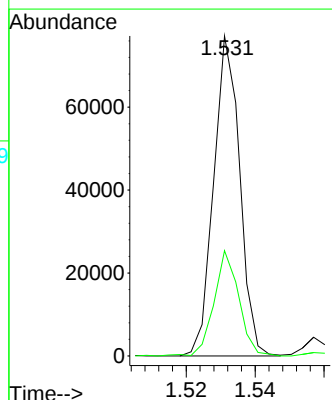
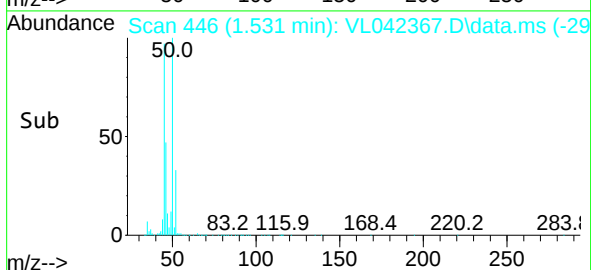
Reviewed By :Semsettin Yesilyurt 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025

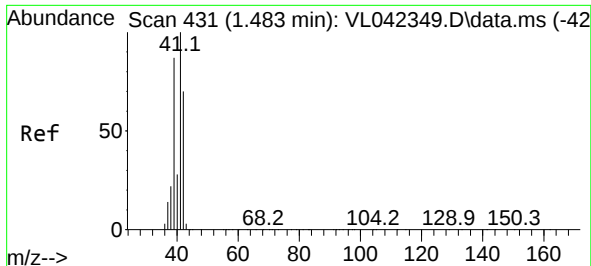


#4
Chloromethane
Concen: 4.921 ppbv
RT: 1.531 min Scan# 446
Delta R.T. -0.000 min
Lab File: VL042367.D
Acq: 17 Apr 2025 20:38



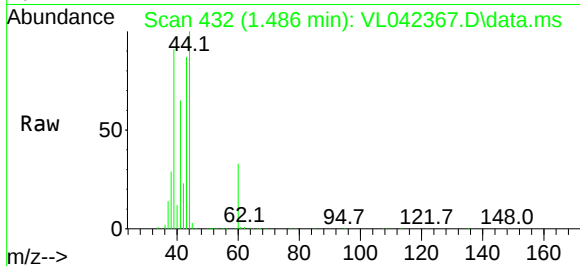
Tgt Ion: 50 Resp: 40465
Ion Ratio Lower Upper
50 100
52 32.7 24.7 37.1





#9
 Propene
 Concen: 2.586 ppbv m
 RT: 1.486 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VL042367.D
 Acq: 17 Apr 2025 20:38

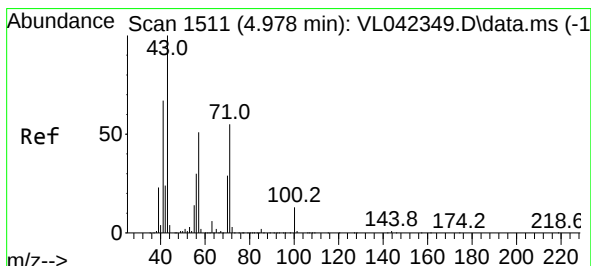
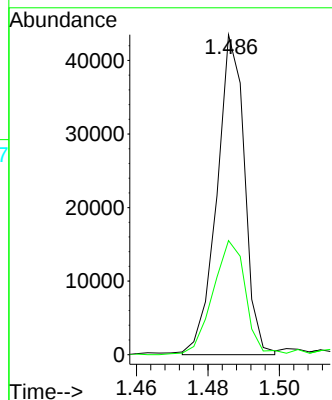
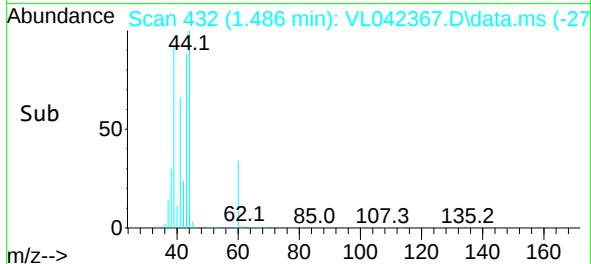
Instrument :
 MSVOA_L
 ClientSampleId :
 IA-B2-6-03312025



Tgt Ion: 41 Resp: 23304
 Ion Ratio Lower Upper
 41 100
 42 269.3 56.2 84.4

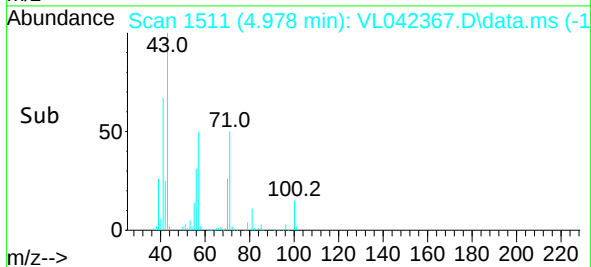
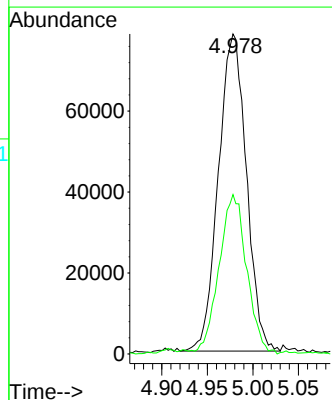
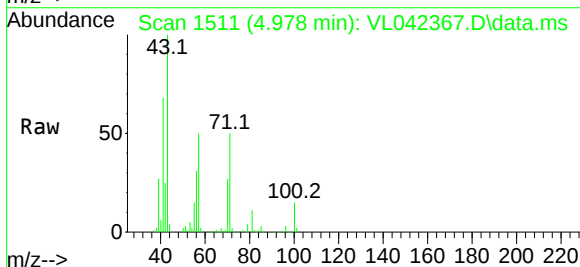
Manual Integrations
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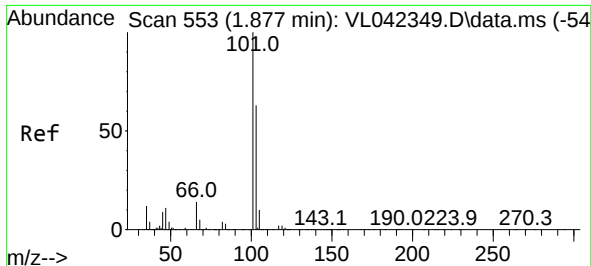
Reviewed By :Semsettin Yesilyurt 04/18/2025
 Supervised By :Mahesh Dadoda 04/18/2025



#10
 Heptane
 Concen: 6.614 ppbv
 RT: 4.978 min Scan# 1511
 Delta R.T. -0.000 min
 Lab File: VL042367.D
 Acq: 17 Apr 2025 20:38

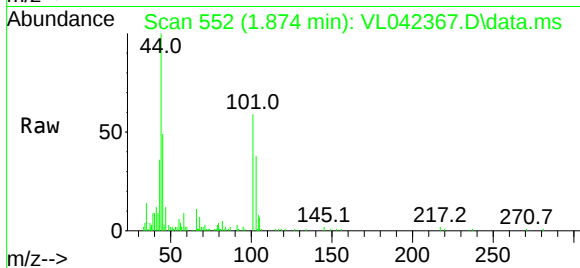
Tgt Ion: 43 Resp: 167433
 Ion Ratio Lower Upper
 43 100
 57 51.5 39.9 59.9





#11
Trichlorofluoromethane
Concen: 0.227 ppbv
RT: 1.874 min Scan# 505
Delta R.T. -0.003 min
Lab File: VL042367.D
Acq: 17 Apr 2025 20:38

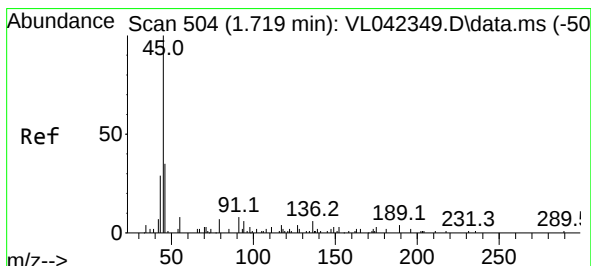
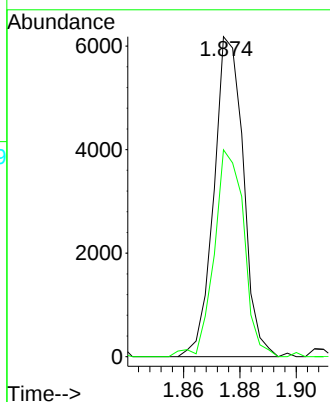
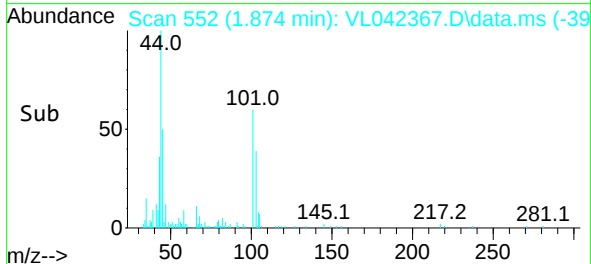
Instrument :
MSVOA_L
ClientSampleId :
IA-B2-6-03312025



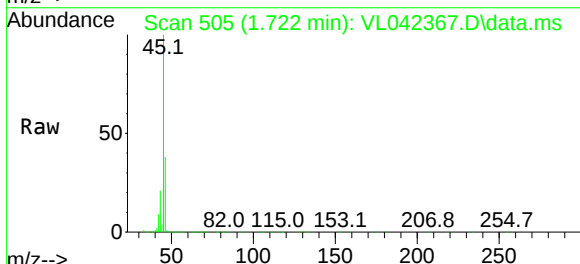
Tgt Ion:101 Resp: 448
Ion Ratio Lower Upper
101 100
103 64.6 50.1 75.1

Manual Integrations
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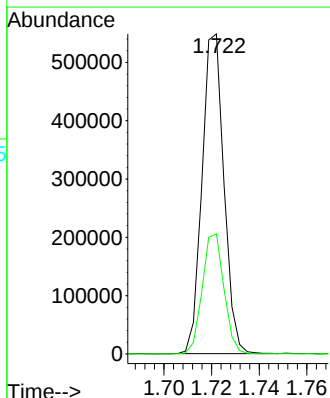
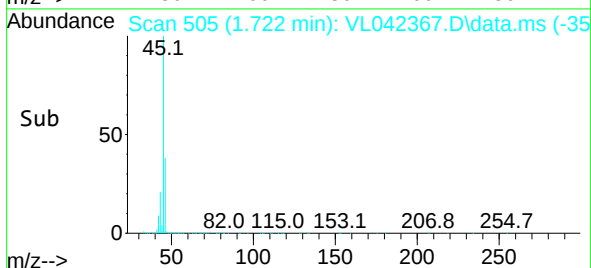
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Supervised By :Mahesh Dadoda 04/18/2025

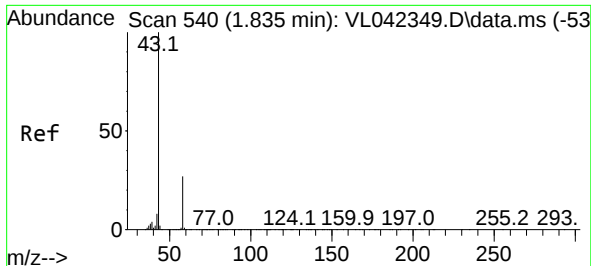


#13
Ethanol
Concen: 243.933 ppbv
RT: 1.722 min Scan# 505
Delta R.T. 0.003 min
Lab File: VL042367.D
Acq: 17 Apr 2025 20:38



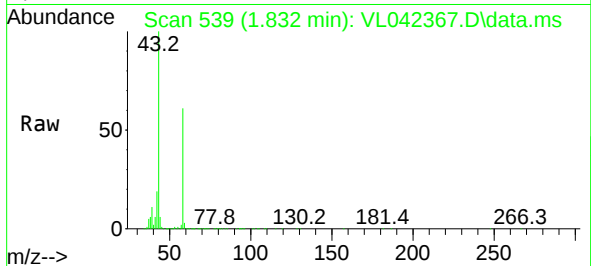
Tgt Ion: 45 Resp: 349355
Ion Ratio Lower Upper
45 100
46 37.6 21.9 87.7





#15
Acetone
Concen: 129.576 ppbv
RT: 1.832 min Scan# 51
Delta R.T. -0.003 min
Lab File: VL042367.D
Acq: 17 Apr 2025 20:38

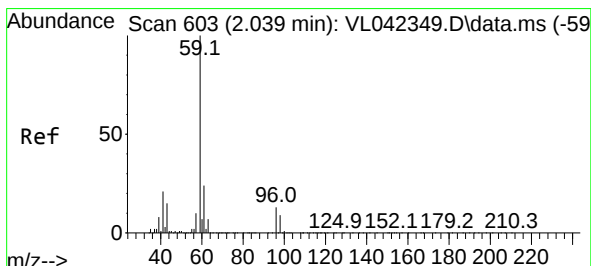
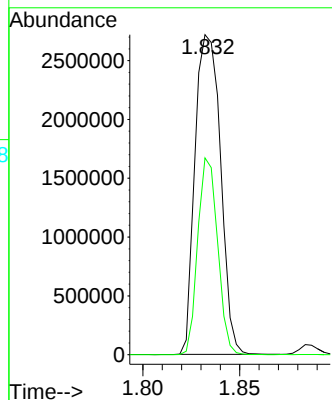
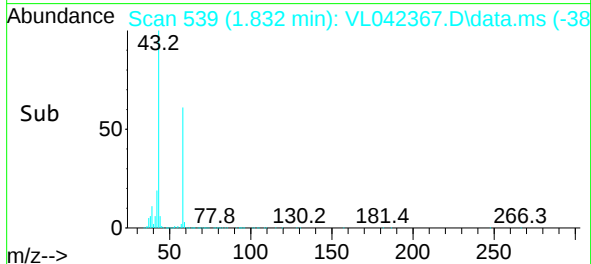
Instrument :
MSVOA_L
ClientSampleId :
IA-B2-6-03312025



Tgt Ion: 43 Resp: 249456
Ion Ratio Lower Upper
43 100
58 48.0 22.4 33.6

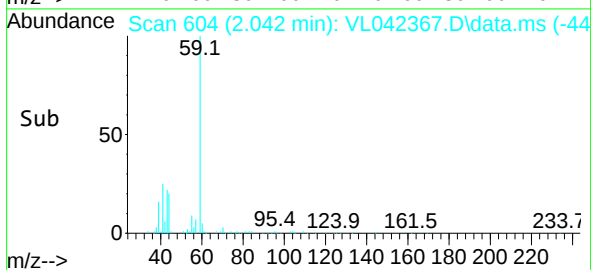
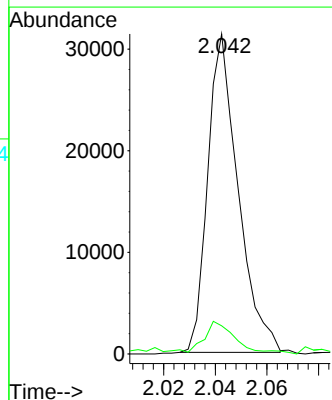
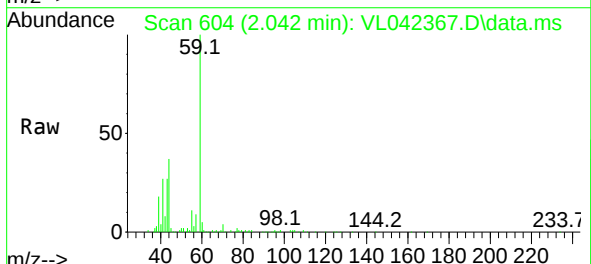
Manual Integrations
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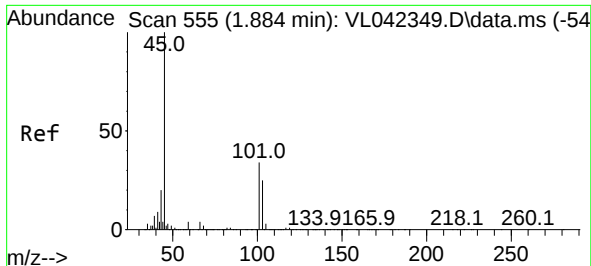
Reviewed By :Semsettin Yesilyurt 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#17
tert-Butyl alcohol
Concen: 1.073 ppbv
RT: 2.042 min Scan# 604
Delta R.T. 0.003 min
Lab File: VL042367.D
Acq: 17 Apr 2025 20:38

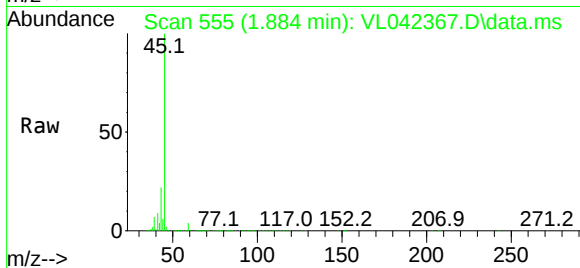
Tgt Ion: 59 Resp: 25593
Ion Ratio Lower Upper
59 100
57 11.5 8.7 13.1





#19
Isopropyl Alcohol
Concen: 24.694 ppbv
RT: 1.884 min Scan# 555
Delta R.T. -0.000 min
Lab File: VL042367.D
Acq: 17 Apr 2025 20:38

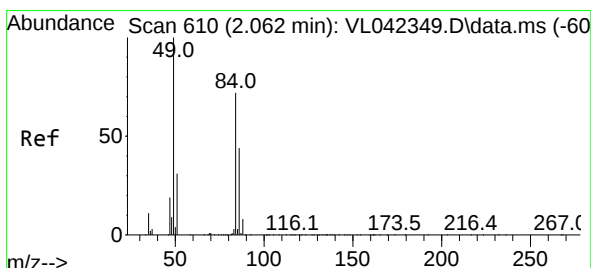
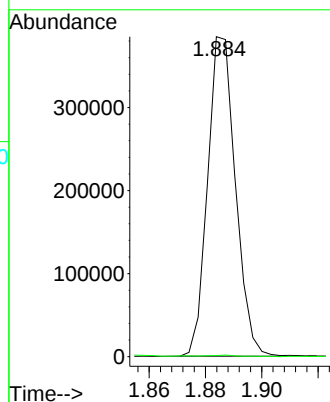
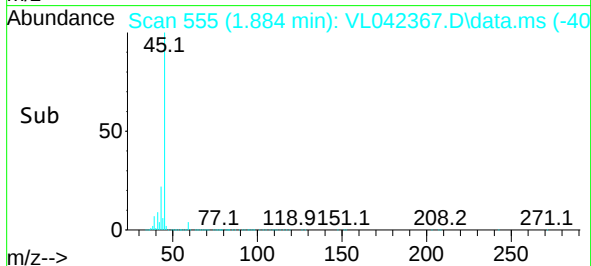
Instrument :
MSVOA_L
ClientSampleId :
IA-B2-6-03312025



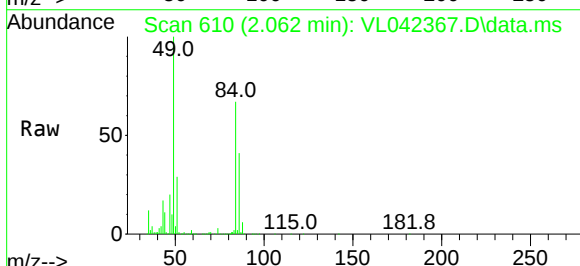
Tgt Ion: 45 Resp: 264094
Ion Ratio Lower Upper
45 100
58 0.0 34.5 51.7

Manual Integrations
APPROVED

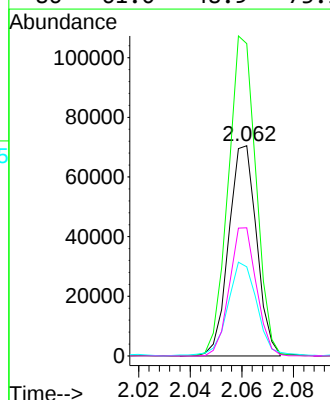
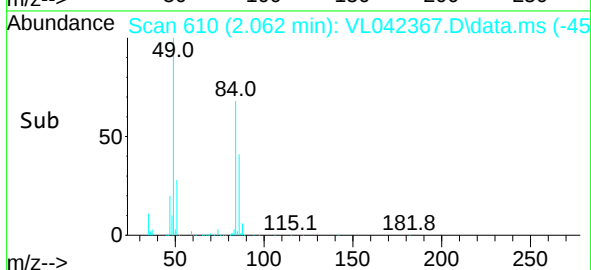
Reviewed By :Semsettin Yesilyurt 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025

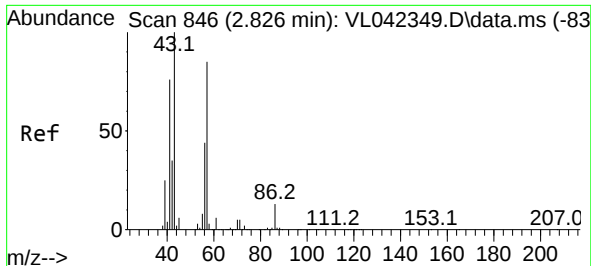


#20
Methylene Chloride
Concen: 7.035 ppbv
RT: 2.062 min Scan# 610
Delta R.T. -0.000 min
Lab File: VL042367.D
Acq: 17 Apr 2025 20:38



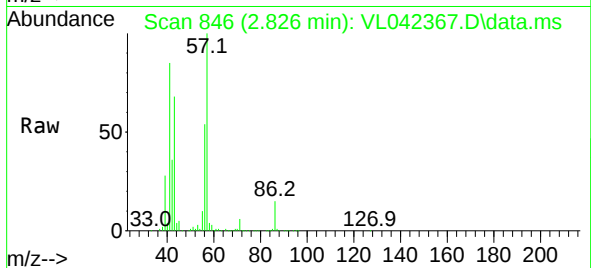
Tgt Ion: 84 Resp: 53039
Ion Ratio Lower Upper
84 100
49 148.2 111.6 167.4
51 42.0 35.1 52.7
86 61.0 48.9 73.3





#26
Hexane
Concen: 7.007 ppbv
RT: 2.826 min Scan# 846
Delta R.T. -0.000 min
Lab File: VL042367.D
Acq: 17 Apr 2025 20:38

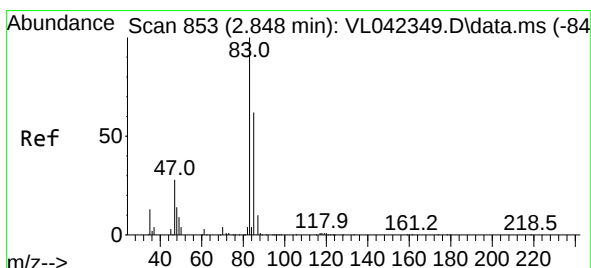
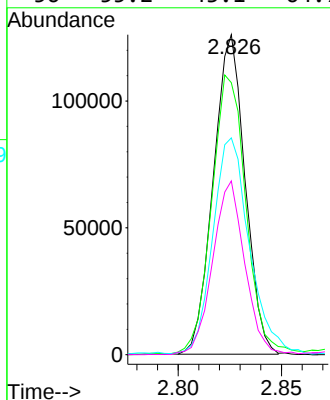
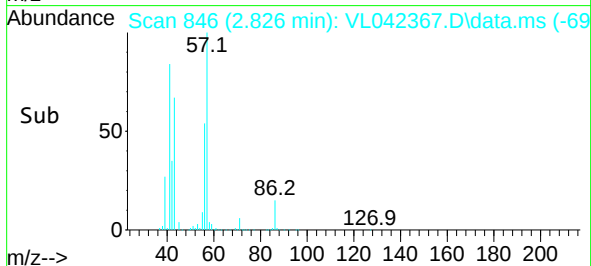
Instrument : MSVOA_L
ClientSampleId : IA-B2-6-03312025



Tgt Ion: 57 Resp: 134610
Ion Ratio Lower Upper
57 100
41 95.1 77.9 116.9
43 77.8 208.4 312.6
56 55.2 43.1 64.7

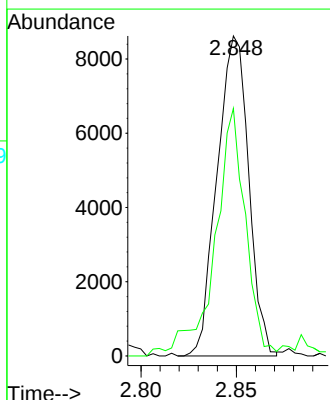
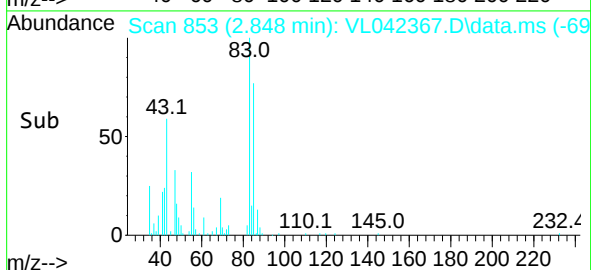
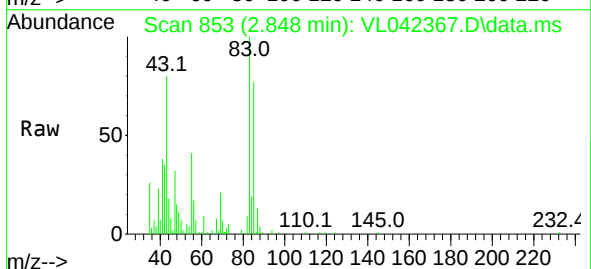
Manual Integrations
APPROVED

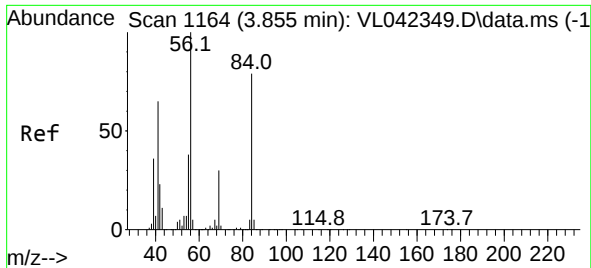
Reviewed By :Semsettin Yesilyurt 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#29
Chloroform
Concen: 0.366 ppbv m
RT: 2.848 min Scan# 853
Delta R.T. -0.000 min
Lab File: VL042367.D
Acq: 17 Apr 2025 20:38

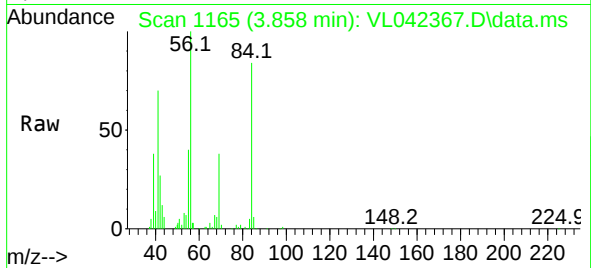
Tgt Ion: 83 Resp: 9936
Ion Ratio Lower Upper
83 100
85 77.4 50.0 75.0#





#30
Cyclohexane
Concen: 1.708 ppbv m
RT: 3.858 min Scan# 1165
Delta R.T. 0.003 min
Lab File: VL042367.D
Acq: 17 Apr 2025 20:38

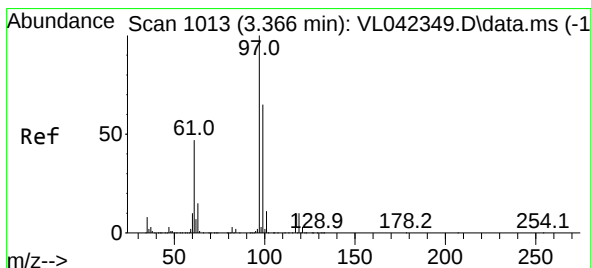
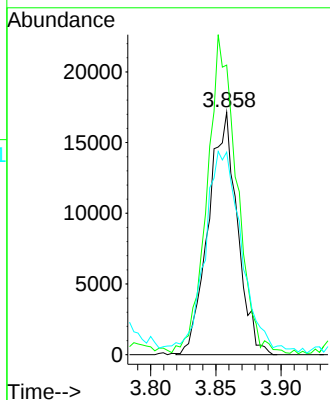
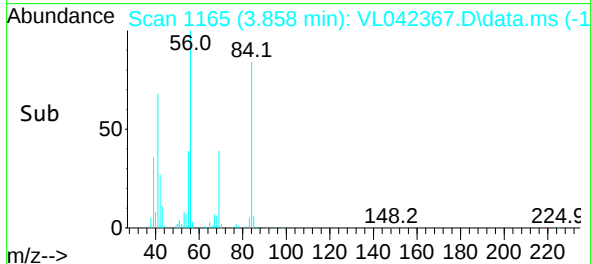
Instrument :
MSVOA_L
ClientSampleId :
LA-B2-6-03312025



Tgt Ion: 84 Resp: 2651
Ion Ratio Lower Upper
84 100
56 134.2 101.0 151.4
41 99.6 67.4 101.0

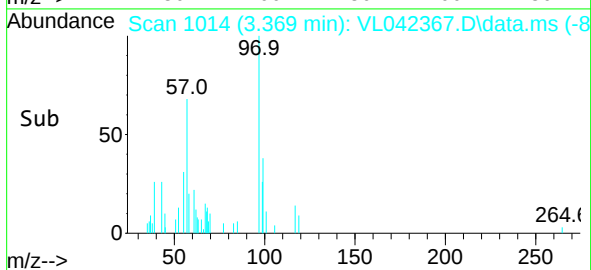
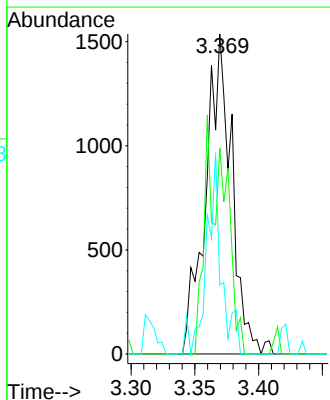
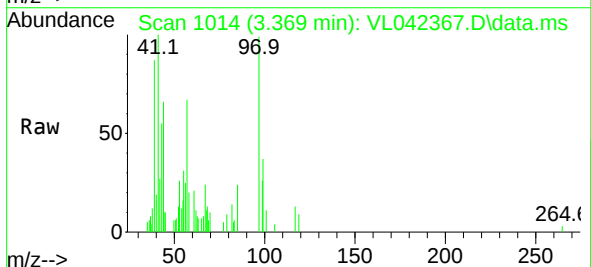
Manual Integrations
APPROVED

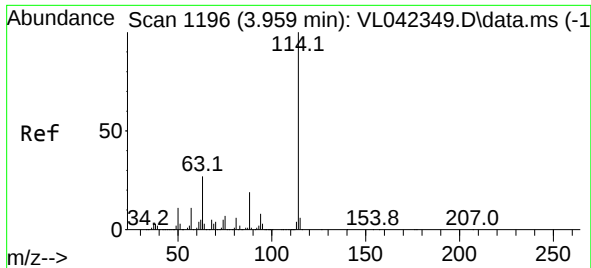
Reviewed By :Semsettin Yesilyurt 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#32
1,1,1-Trichloroethane
Concen: 0.072 ppbv m
RT: 3.369 min Scan# 1014
Delta R.T. 0.003 min
Lab File: VL042367.D
Acq: 17 Apr 2025 20:38

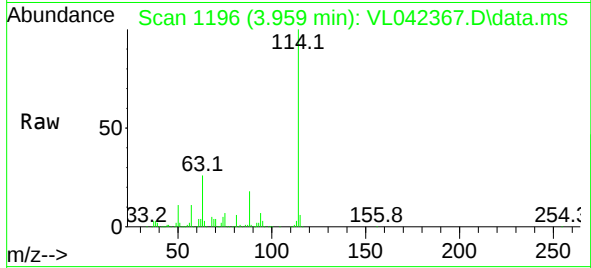
Tgt Ion: 97 Resp: 2187
Ion Ratio Lower Upper
97 100
99 58.2 51.0 76.4
61 35.3 38.8 58.2#





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.959 min Scan# 1196
Delta R.T. -0.000 min
Lab File: VL042367.D
Acq: 17 Apr 2025 20:38

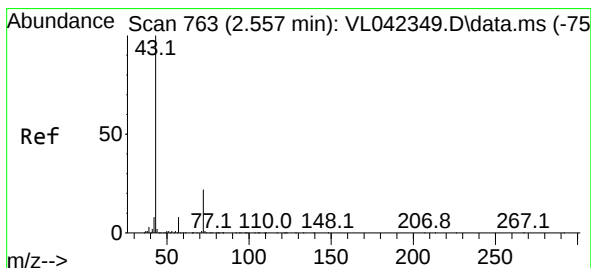
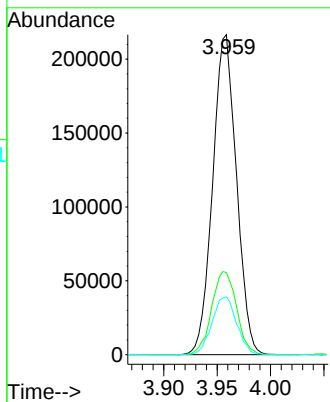
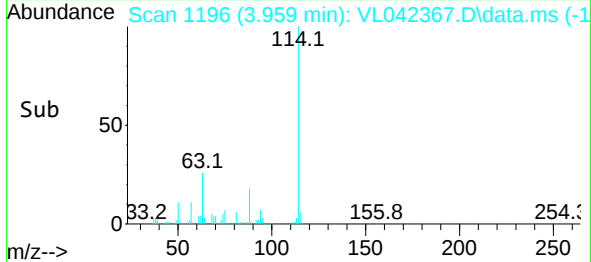
Instrument : MSVOA_L
ClientSampleId : IA-B2-6-03312025



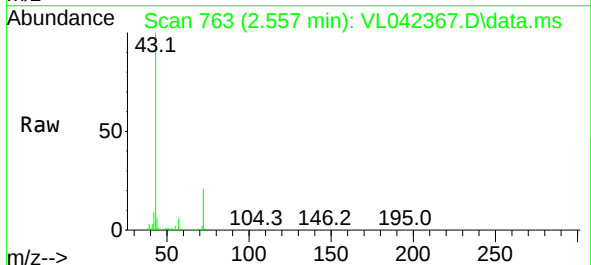
Tgt Ion:114 Resp: 33542
Ion Ratio Lower Upper
114 100
63 27.3 21.8 32.6
88 18.7 15.5 23.3

Manual Integrations
APPROVED

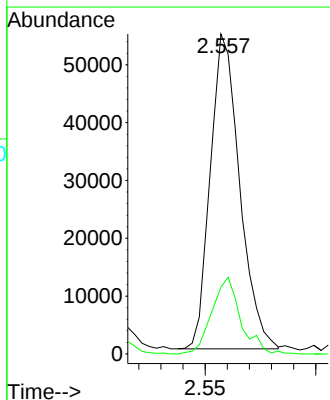
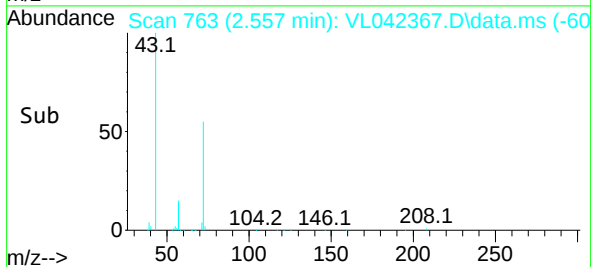
Reviewed By :Semsettin Yesilyurt 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025

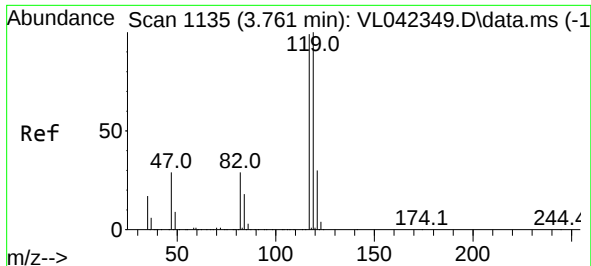


#34
2-Butanone
Concen: 1.893 ppbv
RT: 2.557 min Scan# 763
Delta R.T. -0.000 min
Lab File: VL042367.D
Acq: 17 Apr 2025 20:38



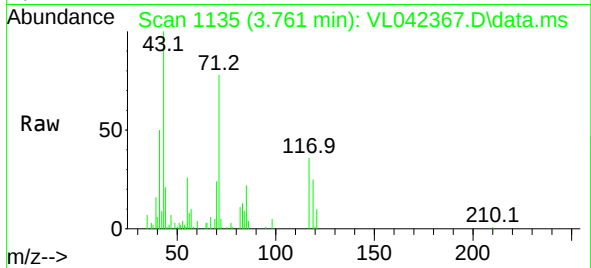
Tgt Ion: 43 Resp: 50219
Ion Ratio Lower Upper
43 100
72 23.9 18.2 27.2





#35
Carbon Tetrachloride
Concen: 0.103 ppbv m
RT: 3.761 min Scan# 1135
Delta R.T. -0.000 min
Lab File: VL042367.D
Acq: 17 Apr 2025 20:38

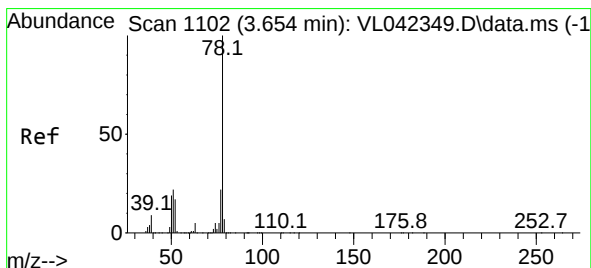
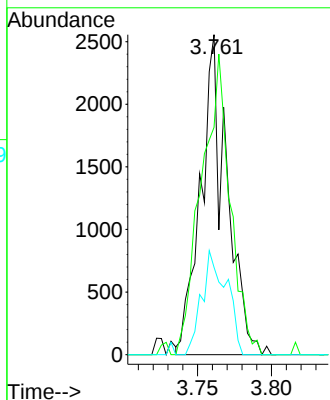
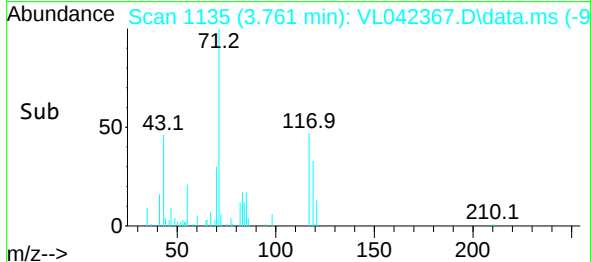
Instrument : MSVOA_L
ClientSampleId : IA-B2-6-03312025



Tgt Ion: 117 Resp: 312
Ion Ratio Lower Upper
117 100
119 71.0 80.5 120.7
121 27.3 24.2 36.2

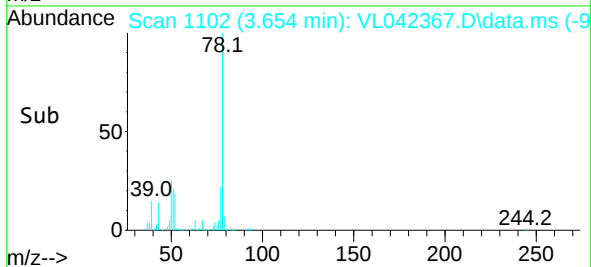
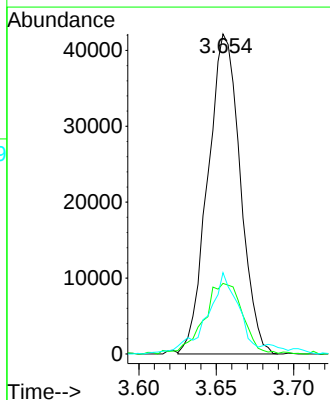
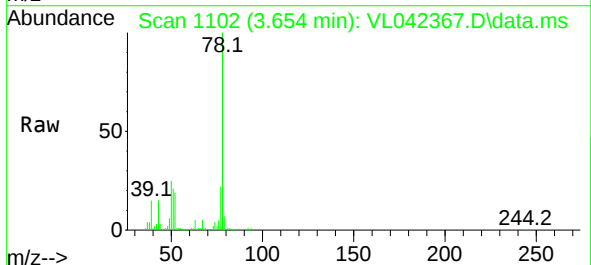
Manual Integrations
APPROVED

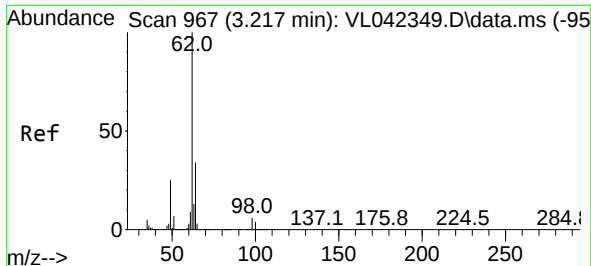
Reviewed By :Semsettin Yesilyurt 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#36
Benzene
Concen: 1.696 ppbv
RT: 3.654 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VL042367.D
Acq: 17 Apr 2025 20:38

Tgt Ion: 78 Resp: 61349
Ion Ratio Lower Upper
78 100
77 21.9 17.4 26.0
50 23.4 15.5 23.3





#37

1,2-Dichloroethane

Concen: 0.167 ppbv

RT: 3.217 min Scan# 90

Delta R.T. -0.000 min

Lab File: VL042367.D

Acq: 17 Apr 2025 20:38

Instrument :

MSVOA_L

ClientSampleId :

IA-B2-6-03312025

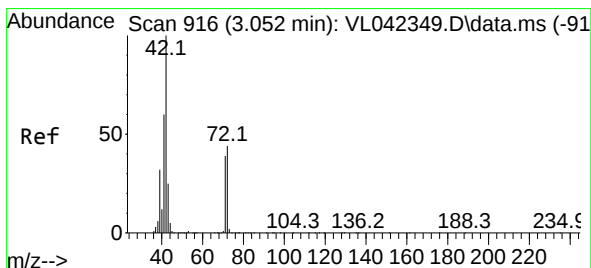
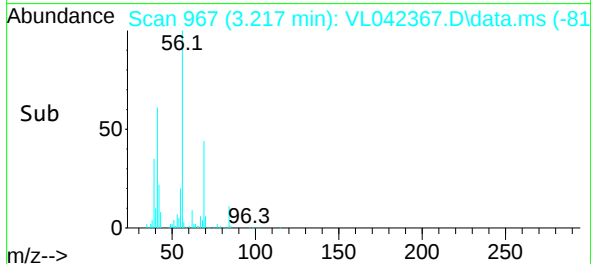
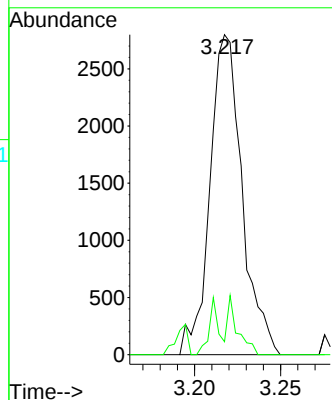
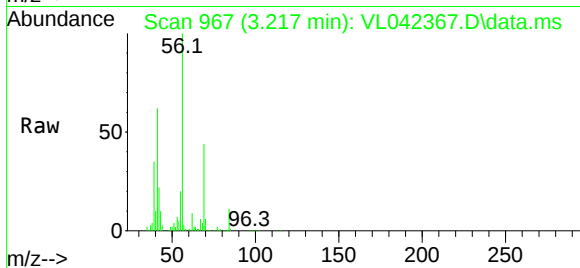
Tgt Ion: 62 Resp: 363

Ion	Ratio	Lower	Upper
62	100		
98	10.7	5.1	7.7

Manual Integrations

APPROVED

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



#41

Tetrahydrofuran

Concen: 0.449 ppbv

RT: 3.062 min Scan# 919

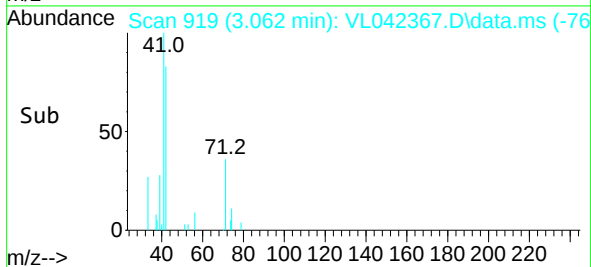
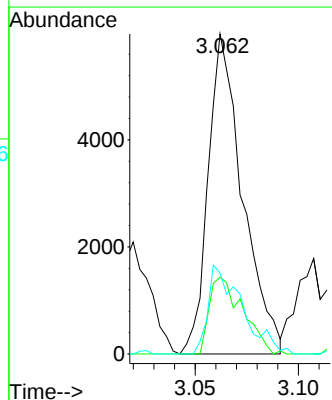
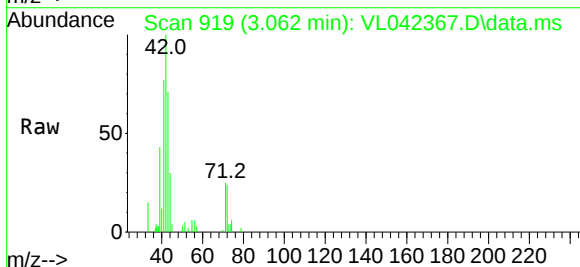
Delta R.T. 0.010 min

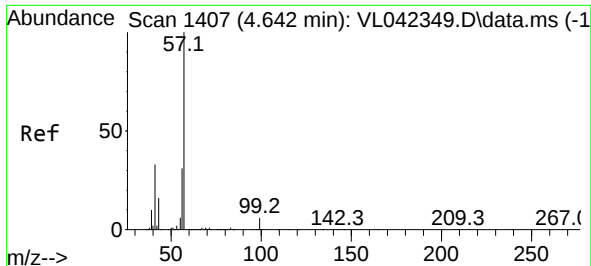
Lab File: VL042367.D

Acq: 17 Apr 2025 20:38

Tgt Ion: 42 Resp: 6945

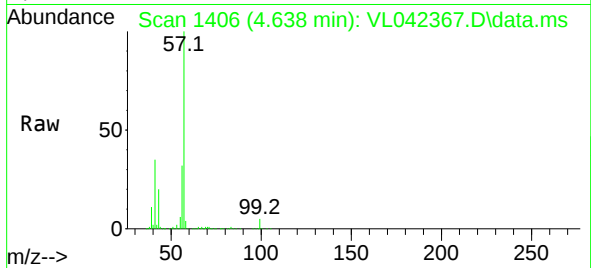
Ion	Ratio	Lower	Upper
42	100		
72	23.4	32.3	48.5#
71	27.1	31.4	47.2#





#44
2,2,4-Trimethylpentane
Concen: 14.485 ppbv
RT: 4.638 min Scan# 1406
Delta R.T. -0.003 min
Lab File: VL042367.D
Acq: 17 Apr 2025 20:38

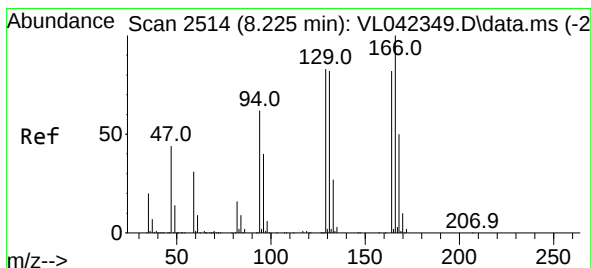
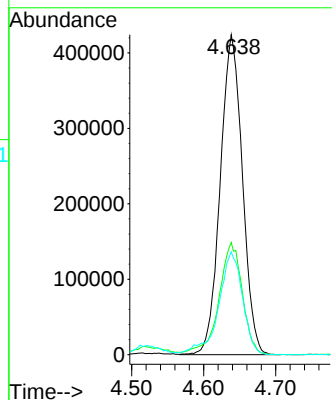
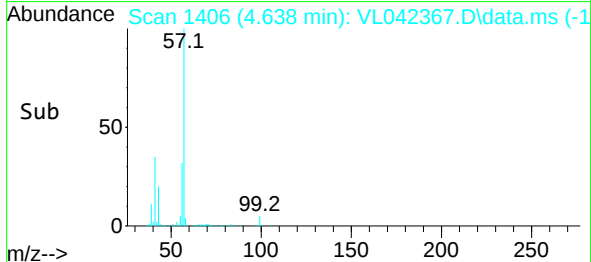
Instrument : MSVOA_L
ClientSampleId : IA-B2-6-03312025



Tgt Ion: 57 Resp: 905070
Ion Ratio Lower Upper
57 100
41 37.4 27.2 40.8
56 35.0 25.7 38.5

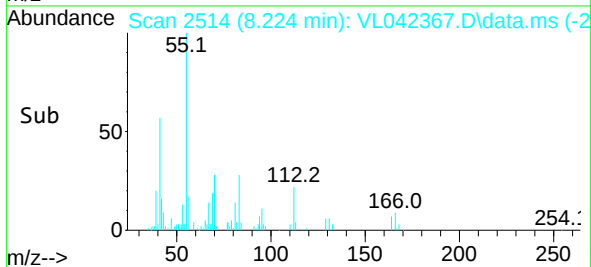
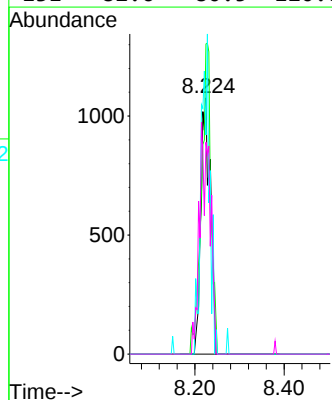
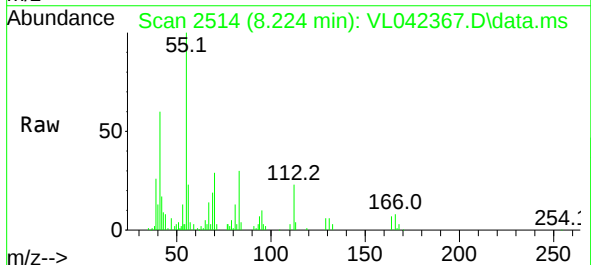
Manual Integrations
APPROVED

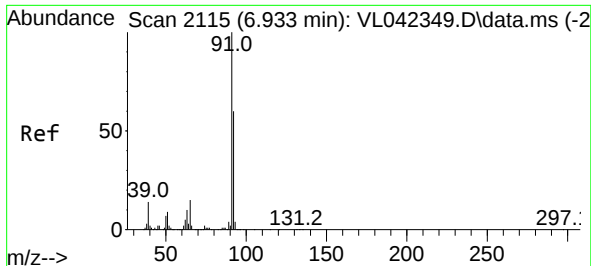
Reviewed By :Semsettin Yesilyurt 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#52
Tetrachloroethene
Concen: 0.111 ppbv m
RT: 8.224 min Scan# 2514
Delta R.T. -0.000 min
Lab File: VL042367.D
Acq: 17 Apr 2025 20:38

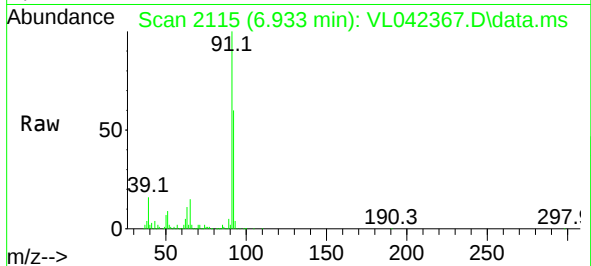
Tgt Ion:164 Resp: 1554
Ion Ratio Lower Upper
164 100
166 121.0 98.2 147.2
129 85.4 81.8 122.8
131 82.6 80.5 120.7





#53
Toluene
Concen: 39.680 ppbv
RT: 6.933 min Scan# 2115
Delta R.T. -0.000 min
Lab File: VL042367.D
Acq: 17 Apr 2025 20:38

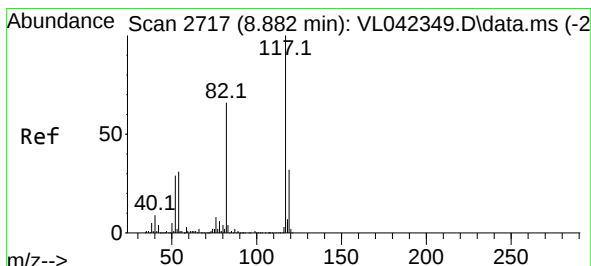
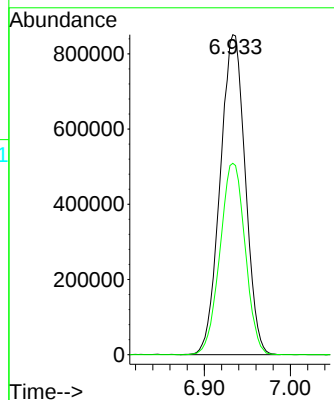
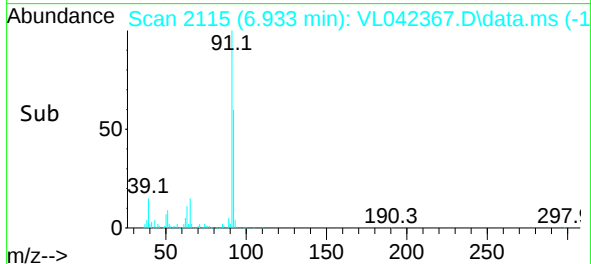
Instrument :
MSVOA_L
ClientSampleId :
IA-B2-6-03312025



Tgt Ion: 91 Resp: 1722695
Ion Ratio Lower Upper
91 100
92 60.1 48.2 72.4

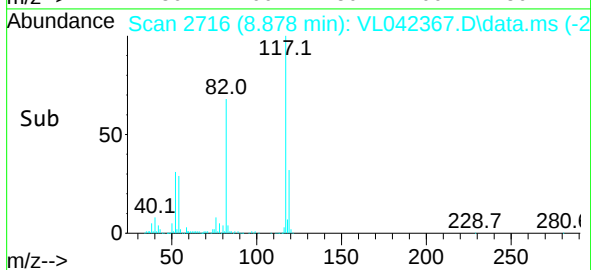
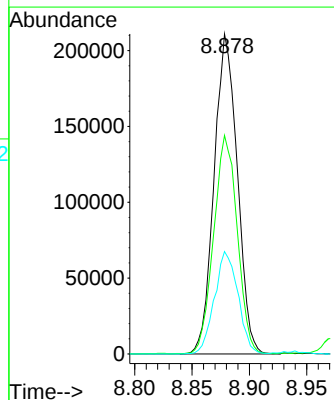
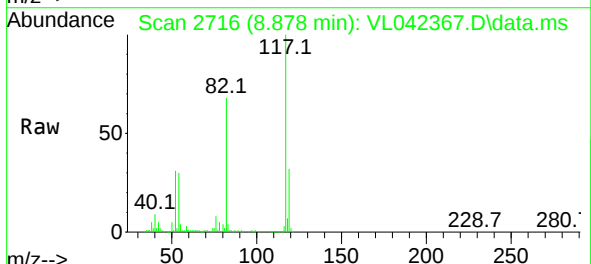
Manual Integrations
APPROVED

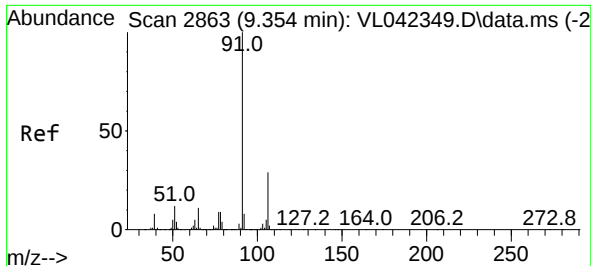
Reviewed By :Semsettin Yesilyurt 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.878 min Scan# 2716
Delta R.T. -0.003 min
Lab File: VL042367.D
Acq: 17 Apr 2025 20:38

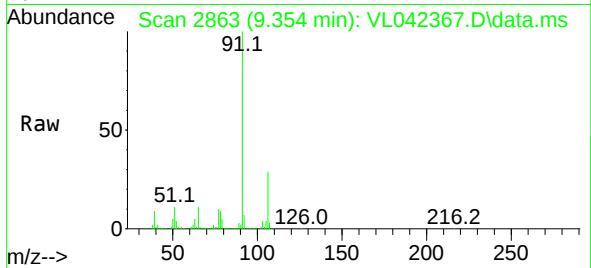
Tgt Ion:117 Resp: 296955
Ion Ratio Lower Upper
117 100
82 69.4 57.8 86.6
119 32.6 25.2 37.8





#58
Ethyl Benzene
Concen: 8.592 ppbv
RT: 9.354 min Scan# 21
Delta R.T. -0.000 min
Lab File: VL042367.D
Acq: 17 Apr 2025 20:38

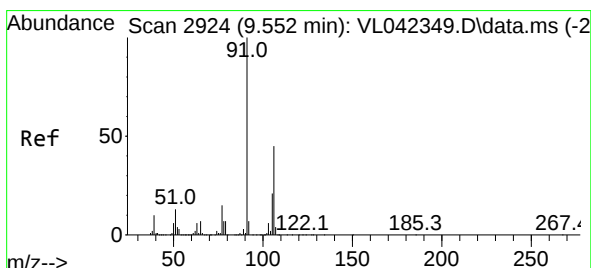
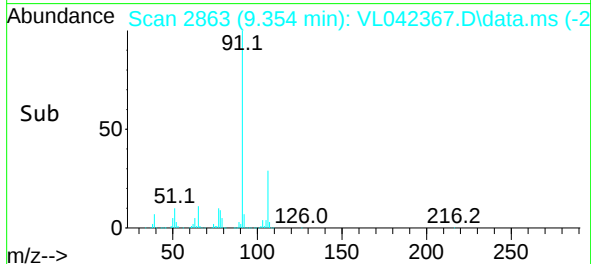
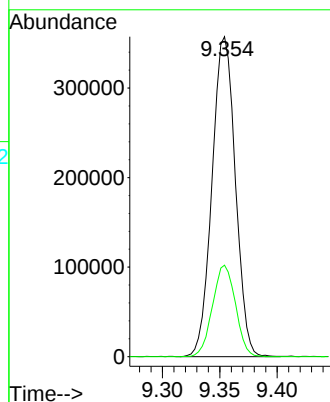
Instrument : MSVOA_L
ClientSampleId : IA-B2-6-03312025



Tgt Ion: 91 Resp: 505495
Ion Ratio Lower Upper
91 100
106 28.6 23.0 34.4

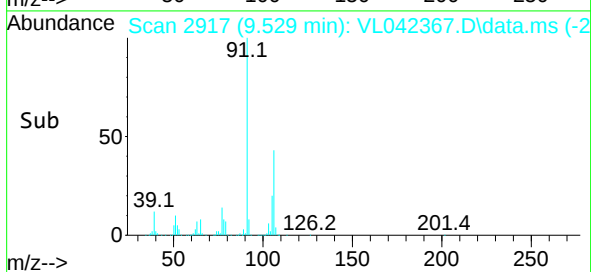
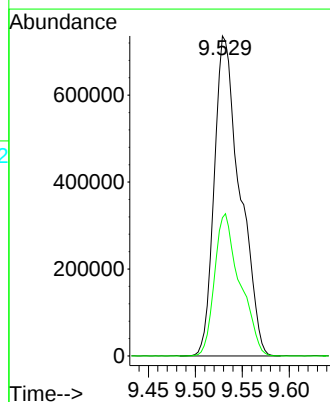
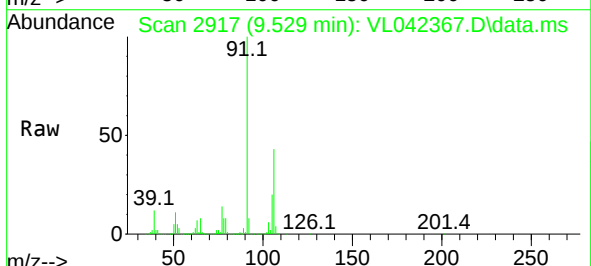
Manual Integrations
APPROVED

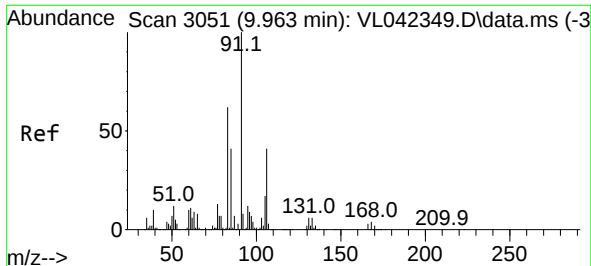
Reviewed By :Semsettin Yesilyurt 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#59
m/p-Xylene
Concen: 29.524 ppbv
RT: 9.529 min Scan# 2917
Delta R.T. -0.023 min
Lab File: VL042367.D
Acq: 17 Apr 2025 20:38

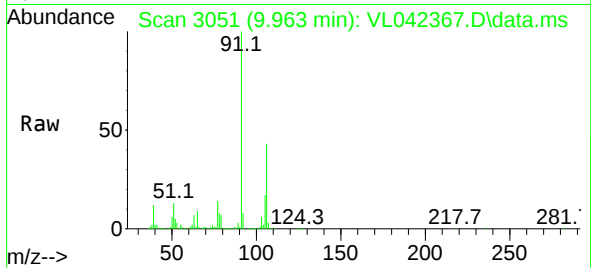
Tgt Ion: 91 Resp: 1399337
Ion Ratio Lower Upper
91 100
106 44.0 35.4 53.2





#60
o-Xylene
Concen: 11.586 ppbv
RT: 9.963 min Scan# 3051
Delta R.T. -0.000 min
Lab File: VL042367.D
Acq: 17 Apr 2025 20:38

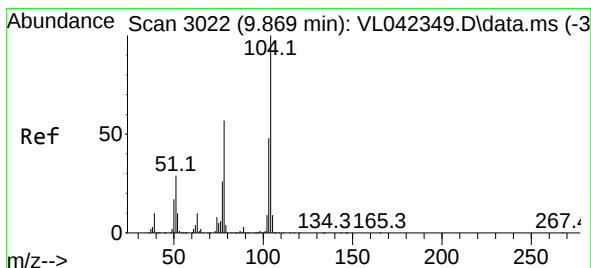
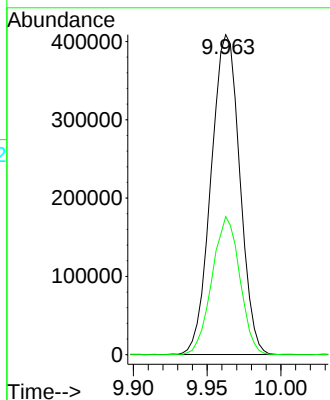
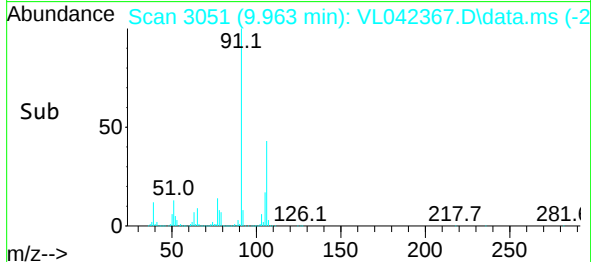
Instrument : MSVOA_L
ClientSampleId : IA-B2-6-03312025



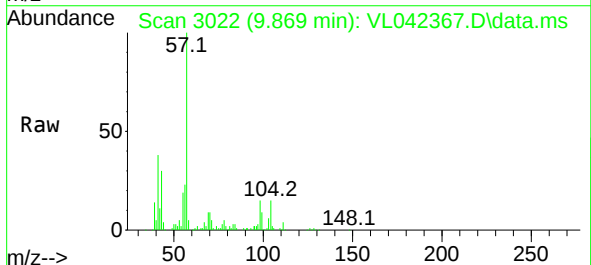
Tgt Ion: 91 Resp: 55299
Ion Ratio Lower Upper
91 100
106 41.8 21.1 63.4

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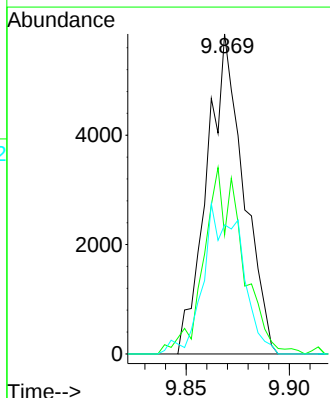
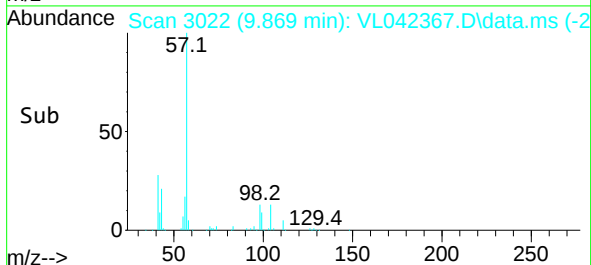
Reviewed By :Semsettin Yesilyurt 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025

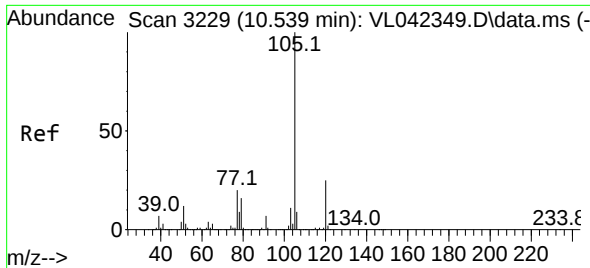


#61
Styrene
Concen: 0.319 ppbv
RT: 9.869 min Scan# 3022
Delta R.T. -0.000 min
Lab File: VL042367.D
Acq: 17 Apr 2025 20:38



Tgt Ion:104 Resp: 7256
Ion Ratio Lower Upper
104 100
78 60.9 44.6 66.8
103 48.9 37.4 56.0





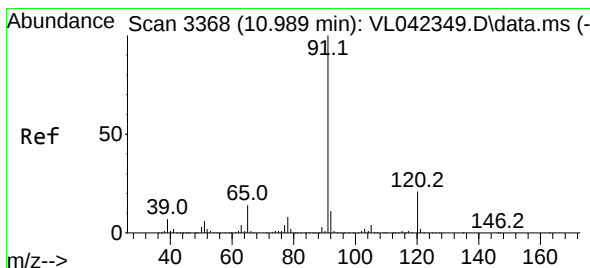
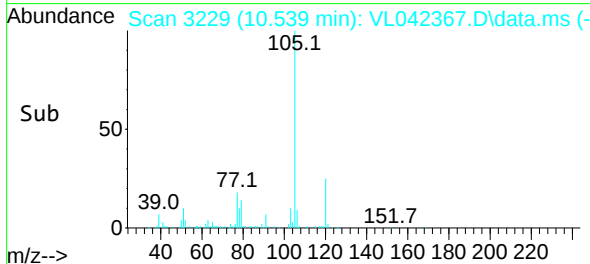
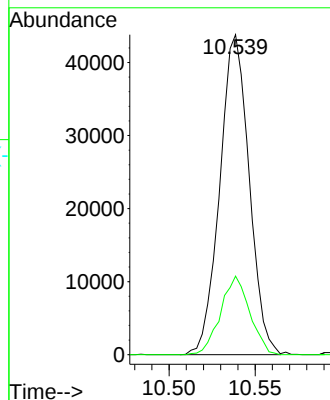
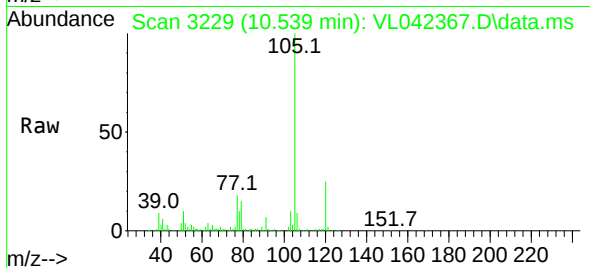
#62
Isopropylbenzene
Concen: 0.744 ppbv
RT: 10.539 min Scan# 3229
Delta R.T. -0.000 min
Lab File: VL042367.D
Acq: 17 Apr 2025 20:38

Instrument : MSVOA_L
ClientSampleId : IA-B2-6-03312025

Tgt Ion:105 Resp: 52108
Ion Ratio Lower Upper
105 100
120 24.3 19.8 29.8

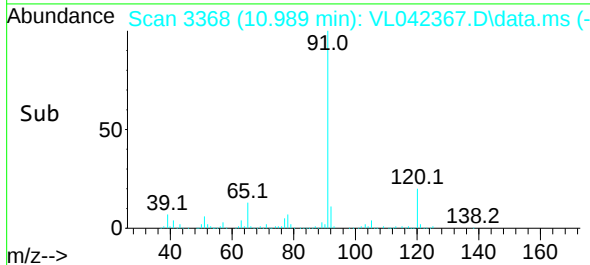
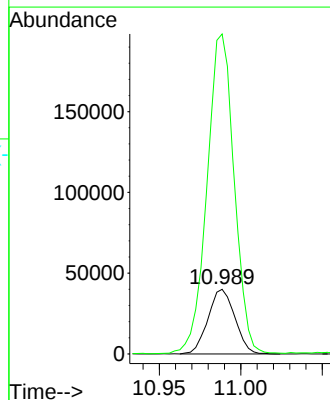
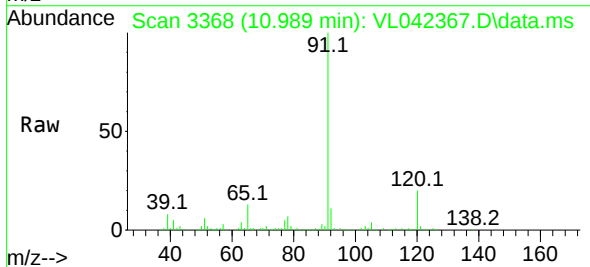
Manual Integrations
APPROVED

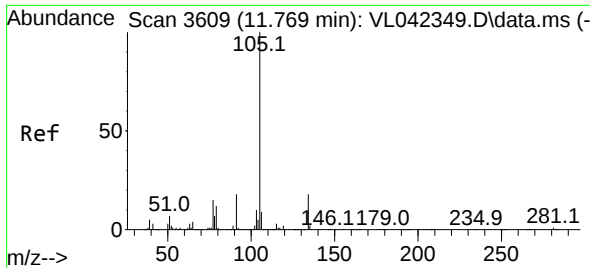
Reviewed By :Semsettin Yesilyurt 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#64
n-propylbenzene
Concen: 2.595 ppbv
RT: 10.989 min Scan# 3368
Delta R.T. -0.000 min
Lab File: VL042367.D
Acq: 17 Apr 2025 20:38

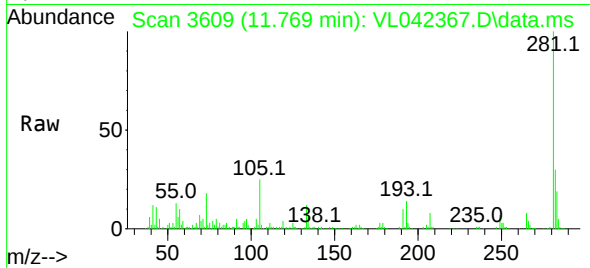
Tgt Ion:120 Resp: 45701
Ion Ratio Lower Upper
120 100
91 503.4 392.4 588.6





#67
 sec-Butylbenzene
 Concen: 0.177 ppbv
 RT: 11.769 min Scan# 3609
 Delta R.T. -0.000 min
 Lab File: VL042367.D
 Acq: 17 Apr 2025 20:38

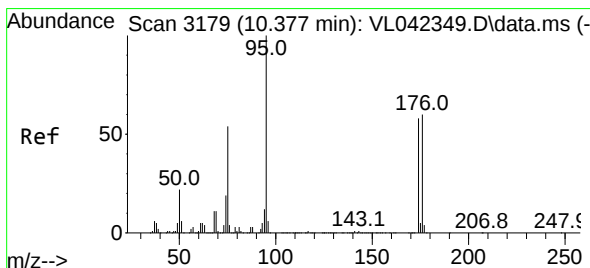
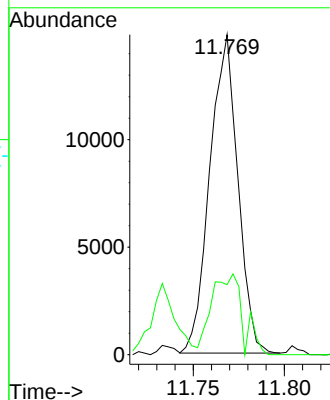
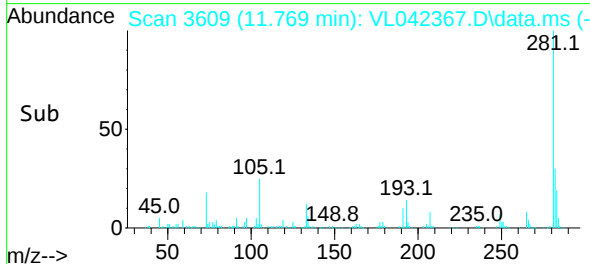
Instrument :
 MSVOA_L
 ClientSampleId :
 IA-B2-6-03312025



Tgt Ion:105 Resp: 15818
 Ion Ratio Lower Upper
 105 100
 134 28.7 14.6 21.8

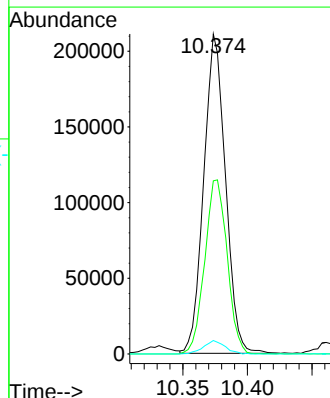
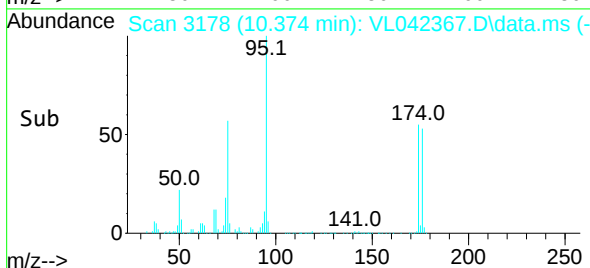
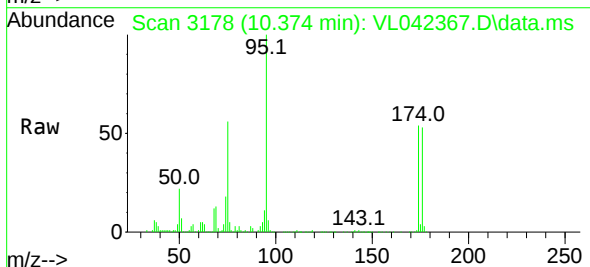
Manual Integrations
 APPROVED

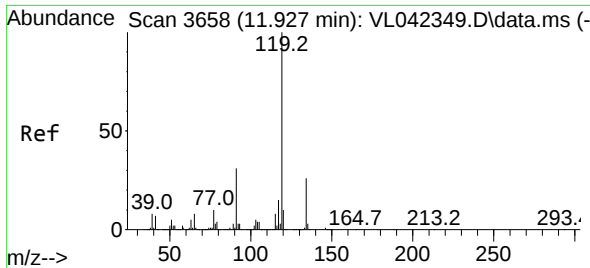
Reviewed By :Semsettin Yesilyurt 04/18/2025
 Supervised By :Mahesh Dadoda 04/18/2025



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.134 ppbv
 RT: 10.374 min Scan# 3178
 Delta R.T. -0.003 min
 Lab File: VL042367.D
 Acq: 17 Apr 2025 20:38

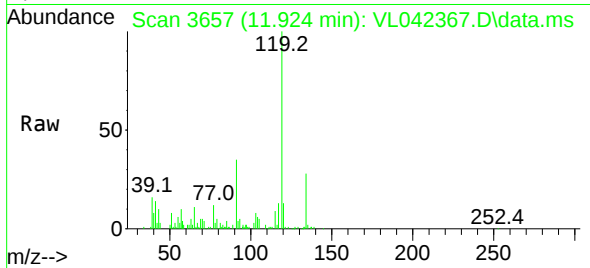
Tgt Ion: 95 Resp: 247280
 Ion Ratio Lower Upper
 95 100
 174 56.3 48.5 72.7
 175 4.2 3.7 5.5





#69
p-Isopropyltoluene
Concen: 0.315 ppbv
RT: 11.924 min Scan# 3657
Delta R.T. -0.003 min
Lab File: VL042367.D
Acq: 17 Apr 2025 20:38

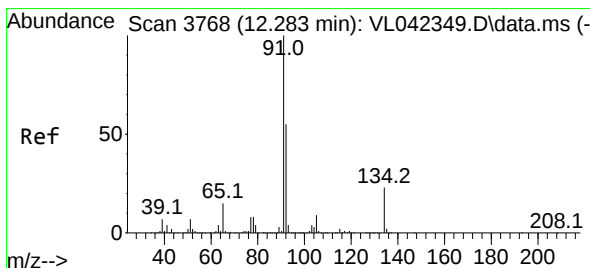
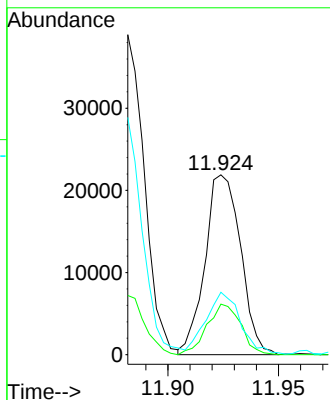
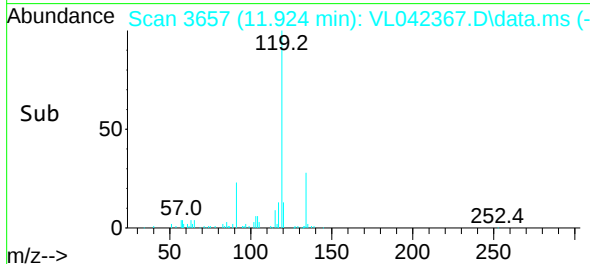
Instrument : MSVOA_L
ClientSampleId : IA-B2-6-03312025



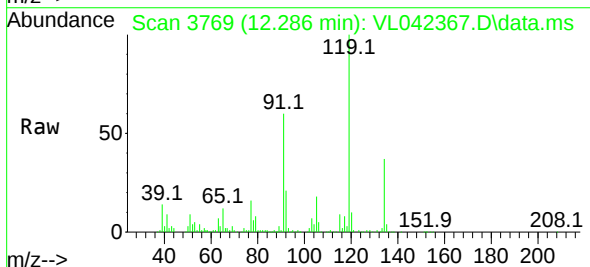
Tgt Ion: 119 Resp: 24554
Ion Ratio Lower Upper
119 100
134 26.2 20.0 30.0
91 33.6 24.4 36.6

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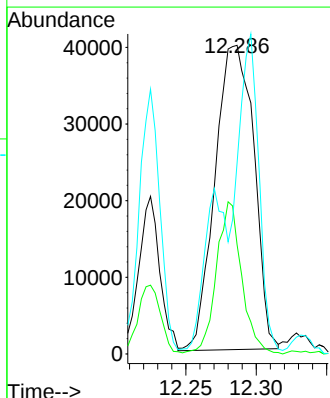
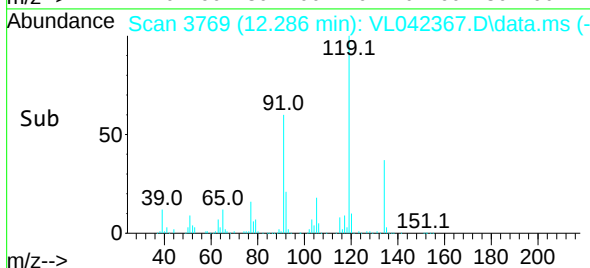
Reviewed By :Semsettin Yesilyurt 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025

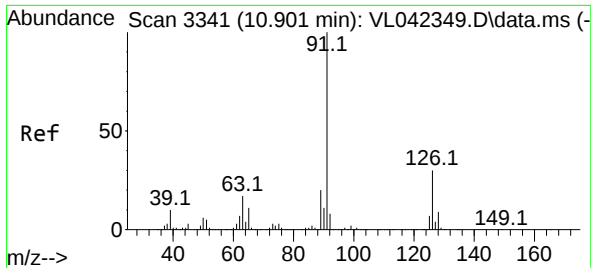


#70
n-Butylbenzene
Concen: 0.940 ppbv
RT: 12.286 min Scan# 3769
Delta R.T. 0.003 min
Lab File: VL042367.D
Acq: 17 Apr 2025 20:38



Tgt Ion: 91 Resp: 76213
Ion Ratio Lower Upper
91 100
92 33.3 44.2 66.4#
134 89.1 18.2 27.4#





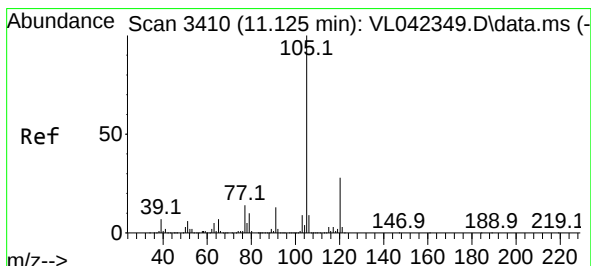
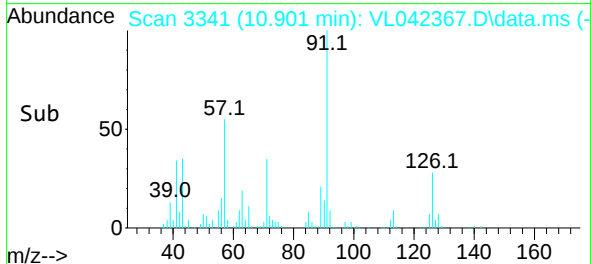
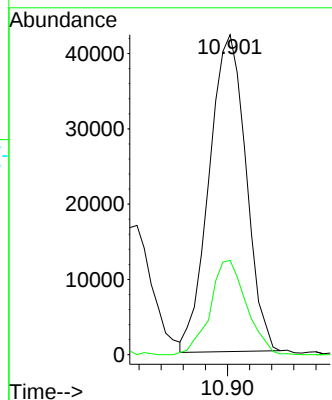
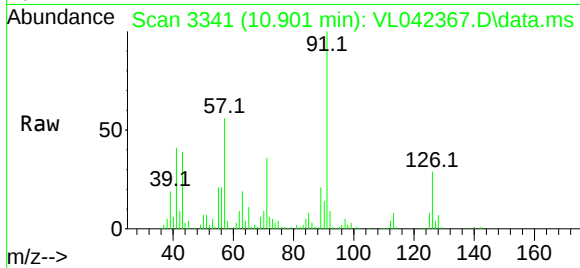
#71
2-Chlorotoluene
Concen: 0.886 ppbv
RT: 10.901 min Scan# 3341
Delta R.T. -0.000 min
Lab File: VL042367.D
Acq: 17 Apr 2025 20:38

Instrument :
MSVOA_L
ClientSampleId :
IA-B2-6-03312025

Tgt Ion: 91 Resp: 48685
Ion Ratio Lower Upper
91 100
126 29.3 11.4 45.4

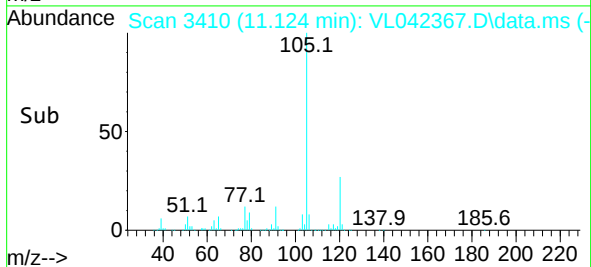
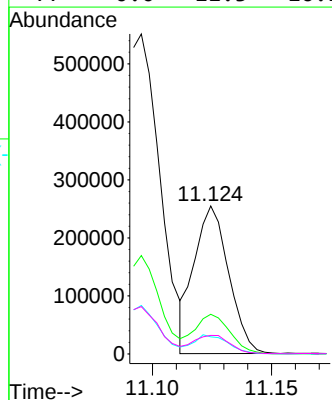
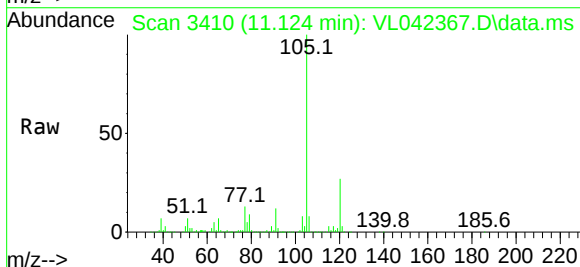
Manual Integrations
APPROVED

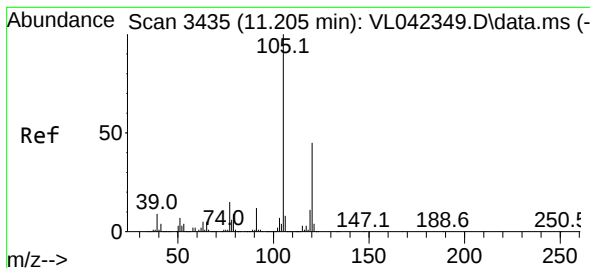
Reviewed By :Semsettin Yesilyurt 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#72
4-Ethyltoluene
Concen: 4.410 ppbv
RT: 11.124 min Scan# 3410
Delta R.T. -0.000 min
Lab File: VL042367.D
Acq: 17 Apr 2025 20:38

Tgt Ion:105 Resp: 257296
Ion Ratio Lower Upper
105 100
120 0.0 23.2 34.8#
91 0.0 10.4 15.6#
77 0.0 11.3 16.9#





#73

1,3,5-Trimethylbenzene

Concen: 5.343 ppbv

RT: 11.202 min Scan# 3435

Delta R.T. -0.003 min

Lab File: VL042367.D

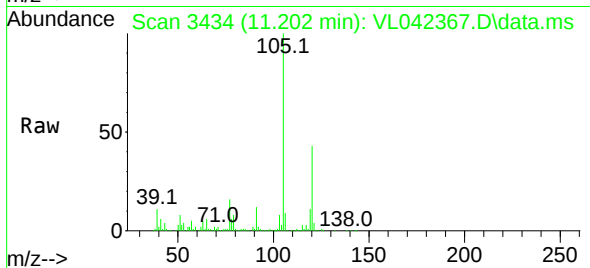
Acq: 17 Apr 2025 20:38

Instrument :

MSVOA_L

ClientSampleId :

IA-B2-6-03312025



Tgt Ion:105 Resp: 275258

Ion Ratio Lower Upper

105 100

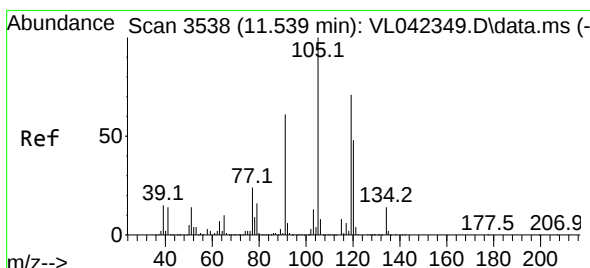
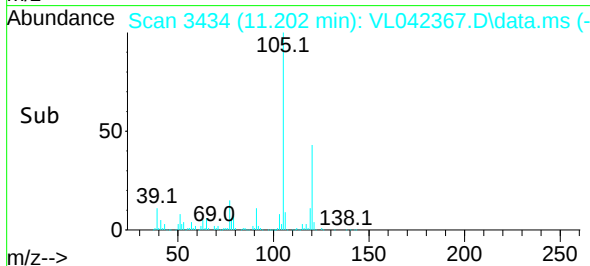
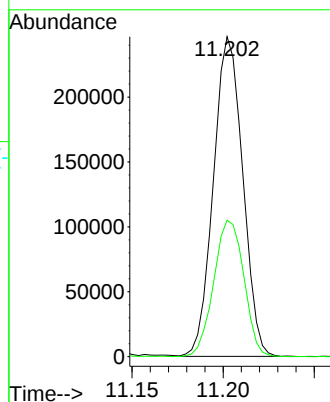
120 42.6 35.6 53.4

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 04/18/2025

Supervised By :Mahesh Dadoda 04/18/2025



#74

1,2,4-Trimethylbenzene

Concen: 14.886 ppbv

RT: 11.536 min Scan# 3537

Delta R.T. -0.003 min

Lab File: VL042367.D

Acq: 17 Apr 2025 20:38

Tgt Ion:105 Resp: 895635

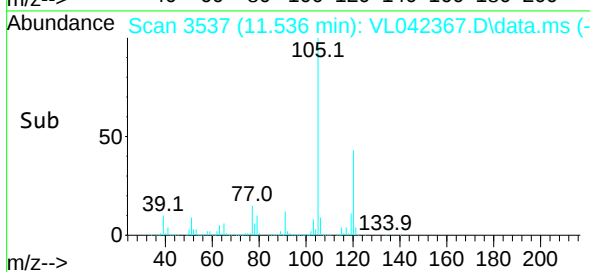
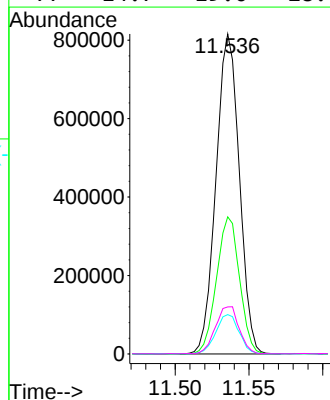
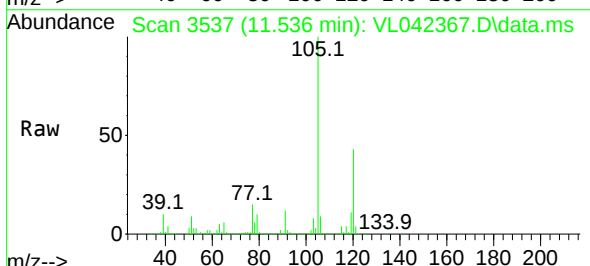
Ion Ratio Lower Upper

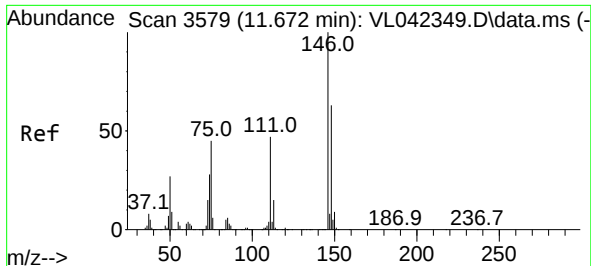
105 100

120 42.9 38.1 57.1

91 12.3 48.8 73.2#

77 14.7 19.0 28.4#





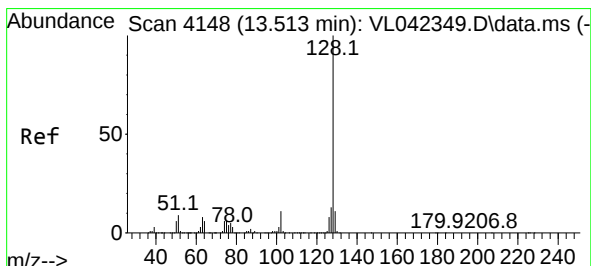
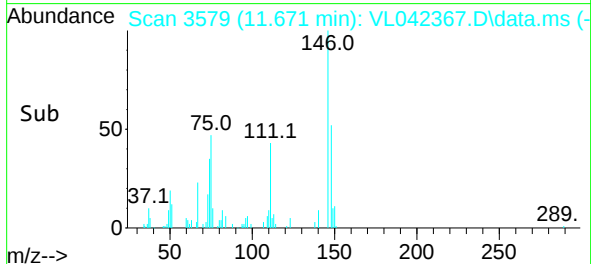
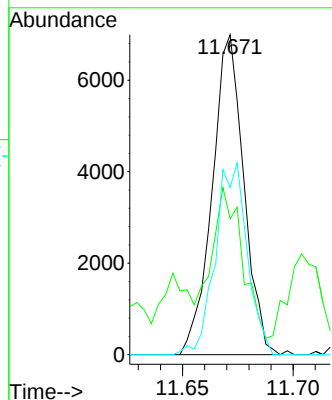
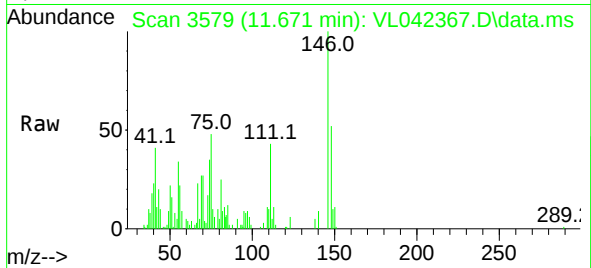
#76
1,4-Dichlorobenzene
Concen: 0.221 ppbv
RT: 11.671 min Scan# 3579
Delta R.T. -0.000 min
Lab File: VL042367.D
Acq: 17 Apr 2025 20:38

Instrument : MSVOA_L
ClientSampleId : IA-B2-6-03312025

Tgt Ion:146 Resp: 6958
Ion Ratio Lower Upper
146 100
111 92.3 24.2 72.6
148 60.3 32.1 96.5

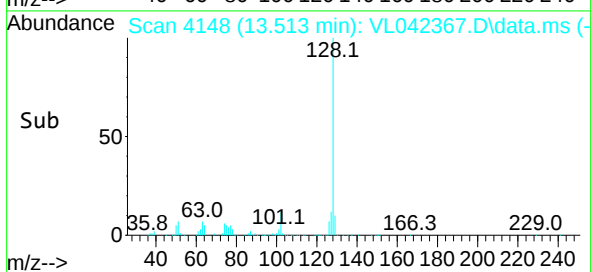
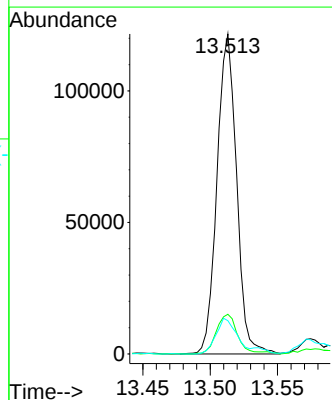
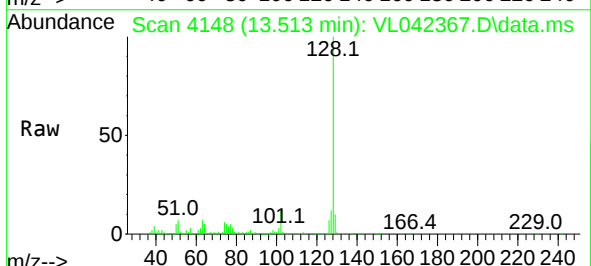
Manual Integrations
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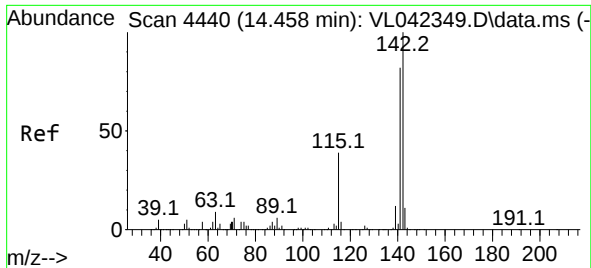
Reviewed By :Semsettin Yesilyurt 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#79
Naphthalene
Concen: 1.709 ppbv
RT: 13.513 min Scan# 4148
Delta R.T. -0.000 min
Lab File: VL042367.D
Acq: 17 Apr 2025 20:38

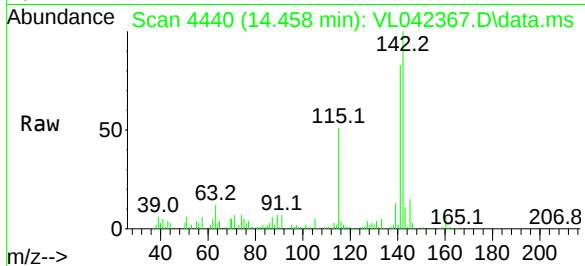
Tgt Ion:128 Resp: 122970
Ion Ratio Lower Upper
128 100
127 12.4 10.6 15.8
129 10.4 8.6 12.8





#80
Naphthalene, 2-methyl-
Concen: 0.769 ppbv
RT: 14.458 min Scan# 44
Delta R.T. -0.000 min
Lab File: VL042367.D
Acq: 17 Apr 2025 20:38

Instrument :
MSVOA_L
ClientSampleId :
IA-B2-6-03312025



Tgt Ion:142 Resp: 31538
Ion Ratio Lower Upper
142 100
141 87.8 66.8 100.2
115 49.3 33.4 50.2

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

