

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL060325\
 Data File : VL042610.D
 Acq On : 03 Jun 2025 14:40
 Operator : SY/MD
 Sample : Q2126-13 0.1 LOD
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT2-2025

Quant Time: Jun 04 01:51:39 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL052925AIR.M

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

QLast Update : Fri May 30 02:01:56 2025

Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 06/04/2025
 Supervised By : Mahesh Dadoda 06/06/2025

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

Internal Standards						
1) Bromochloromethane	2.787	49	100590	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.959	114	265187	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.885	117	238483	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 10.377 95 179621 10.047 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 100.500%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.499	85	1492	0.121	ppbv	98
3) Chlorodifluoromethane	1.476	51	1979	0.116	ppbv	96
4) Chloromethane	1.534	50	565	0.115	ppbv #	74
5) Vinyl Chloride	1.580	62	626	0.126	ppbv	99
6) Bromomethane	1.664	94	307	0.126	ppbv #	47
7) Chloroethane	1.706	64	326	0.168	ppbv #	43
8) Dichlorotetrafluoroethane	1.554	85	1032	0.100	ppbv	92
9) Propene	1.482	41	855	0.125	ppbv	90
10) Heptane	4.978	43	1758m	0.091	ppbv	
11) Trichlorofluoromethane	1.877	101	1474	0.128	ppbv	95
12) 1,1,2-Trichlorotrifluo...	2.143	101	1150	0.127	ppbv	100
13) Ethanol	1.722	45	330	0.404	ppbv #	39
14) Bromoethene	1.780	108	308	0.091	ppbv #	81
15) Acetone	1.839	43	1953	0.161	ppbv	98
16) 1,3-Butadiene	1.609	39	1011	0.176	ppbv #	77
17) tert-Butyl alcohol	2.046	59	1466	0.116	ppbv #	88
18) 1,1-Dichloroethene	2.033	96	481	0.115	ppbv #	51
19) Isopropyl Alcohol	1.890	45	843	0.116	ppbv #	64
20) Methylene Chloride	2.059	84	1051	0.263	ppbv	89
21) Allyl Chloride	2.094	41	1108	0.130	ppbv #	46
22) trans-1,2-Dichloroethene	2.343	96	664	0.142	ppbv #	71
23) Vinyl Acetate	2.463	43	1882	0.115	ppbv #	58
24) 1,1-Dichloroethane	2.411	63	1114	0.116	ppbv #	88
25) Ethyl Acetate	2.842	43	3498m	0.105	ppbv	
26) Hexane	2.822	57	1483	0.098	ppbv #	82
27) Carbon Disulfide	2.152	76	1184	0.102	ppbv #	1
28) Methyl tert-Butyl Ether	2.444	73	677	0.111	ppbv #	70
29) Chloroform	2.852	83	2337	0.119	ppbv	99
30) Cyclohexane	3.852	84	1042m	0.083	ppbv	
31) cis-1,2-Dichloroethene	2.722	61	1482	0.108	ppbv #	85
32) 1,1,1-Trichloroethane	3.373	97	2138	0.107	ppbv	97
34) 2-Butanone	2.567	43	2664	0.141	ppbv	98
35) Carbon Tetrachloride	3.771	117	2091m	0.119	ppbv	
36) Benzene	3.661	78	2931m	0.112	ppbv	
37) 1,2-Dichloroethane	3.217	62	1661	0.128	ppbv #	93
38) Trichloroethene	4.551	130	1325m	0.119	ppbv	
39) 1,2-Dichloropropane	4.324	63	1218m	0.126	ppbv	
40) 1,4-Dioxane	4.625	88	507m	0.117	ppbv	
41) Tetrahydrofuran	3.075	42	1129m	0.102	ppbv	
42) Bromodichloromethane	4.496	83	2281	0.124	ppbv #	85
43) Methyl Methacrylate	4.891	69	1071m	0.106	ppbv	
44) 2,2,4-Trimethylpentane	4.645	57	4943m	0.111	ppbv	
45) t-1,3-Dichloropropene	6.412	75	1104m	0.095	ppbv	

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Quant Time: Jun 04 01:51:39 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL052925AIR.M

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

QLast Update : Fri May 30 02:01:56 2025

Response via : Initial Calibration

Manual Integrations
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Reviewed By : Semsettin Yesilyurt 06/04/2025
 Supervised By : Mahesh Dadoda 06/06/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.603	75	1355m	0.093	ppbv	
47) 1,1,2-Trichloroethane	6.596	97	1196m	0.120	ppbv	
48) Dibromochloromethane	7.393	129	1562m	0.098	ppbv	
49) Bromoform	9.490	173	1421m	0.103	ppbv	
50) 4-Methyl-2-Pentanone	5.790	43	2651m	0.101	ppbv	
51) 2-Hexanone	7.454	43	1584m	0.076	ppbv	
52) Tetrachloroethene	8.228	164	957m	0.098	ppbv	
53) Toluene	6.936	91	2944m	0.098	ppbv	
54) 1,2-Dibromoethane	7.658	107	1785m	0.121	ppbv	
56) 1,1,1,2-Tetrachloroethane	8.930	131	1431m	0.119	ppbv	
57) Chlorobenzene	8.924	112	2743	0.118	ppbv #	69
58) Ethyl Benzene	9.360	91	3373	0.083	ppbv	98
59) m/p-Xylene	9.555	91	5111m	0.161	ppbv	
60) o-Xylene	9.969	91	2325m	0.073	ppbv	
61) Styrene	9.872	104	1357m	0.090	ppbv	
62) Isopropylbenzene	10.545	105	4380	0.093	ppbv	97
63) 1,1,2,2-Tetrachloroethane	9.962	83	2496	0.124	ppbv	93
64) n-propylbenzene	10.988	120	818m	0.065	ppbv	
65) tert-Butylbenzene	11.532	119	3191	0.075	ppbv	93
66) Benzyl Chloride	11.623	91	278m	0.051	ppbv	
67) sec-Butylbenzene	11.772	105	4491	0.075	ppbv	99
69) p-Isopropyltoluene	11.930	119	3348	0.067	ppbv #	93
70) n-Butylbenzene	12.286	91	3083	0.062	ppbv	94
71) 2-Chlorotoluene	10.901	91	2971	0.083	ppbv	96
72) 4-Ethyltoluene	11.128	105	3005	0.076	ppbv #	90
73) 1,3,5-Trimethylbenzene	11.205	105	2443	0.075	ppbv #	81
74) 1,2,4-Trimethylbenzene	11.539	105	2680	0.074	ppbv #	90
75) 1,3-Dichlorobenzene	11.610	146	1996	0.087	ppbv	100
76) 1,4-Dichlorobenzene	11.671	146	1914	0.084	ppbv	93
77) 1,2-Dichlorobenzene	11.953	146	2535	0.114	ppbv	89
78) Hexachloro-1,3-Butadiene	13.882	225	1957	0.107	ppbv	94
79) Naphthalene	13.513	128	1565	0.046	ppbv #	90
81) 1,2,4-Trichlorobenzene	13.445	180	681m	0.036	ppbv	

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

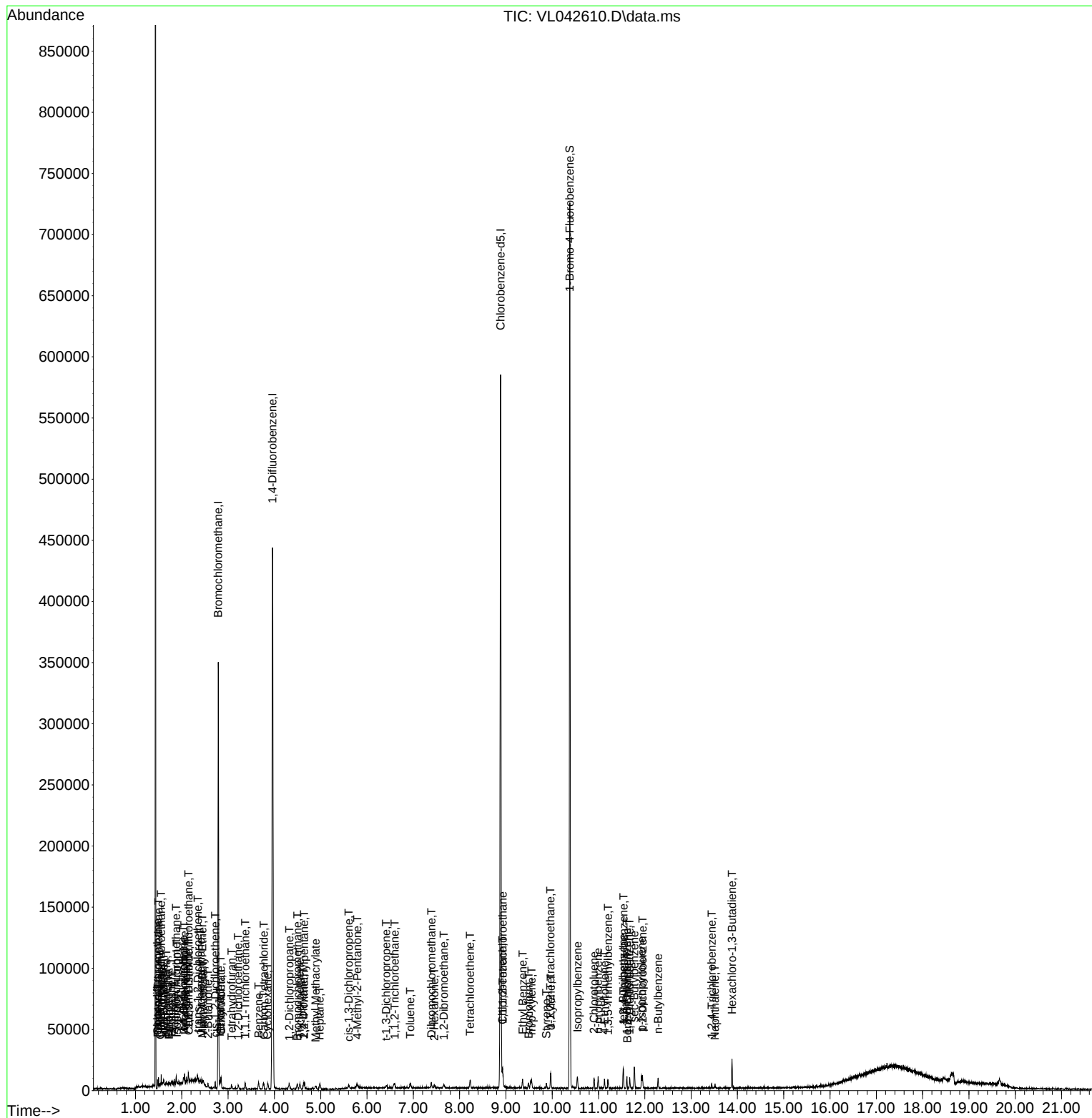
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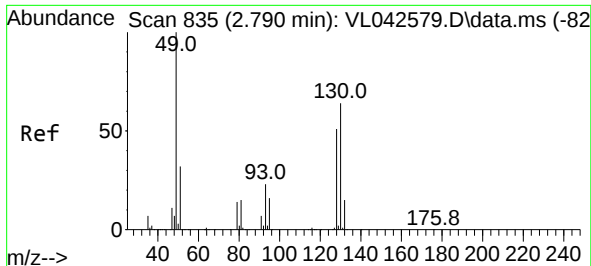
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2025

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 06/04/2025
Supervised By :Mahesh Dadoda 06/06/2025

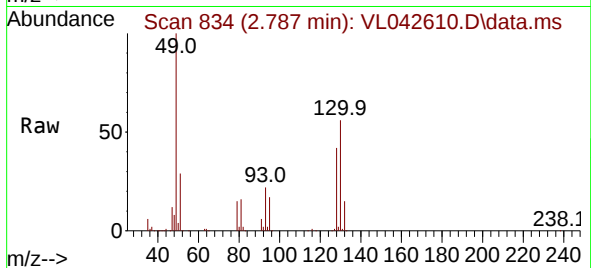
Quant Time: Jun 04 01:51:39 2025
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#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.787 min Scan# 81
Delta R.T. -0.003 min
Lab File: VL042610.D
Acq: 03 Jun 2025 14:40

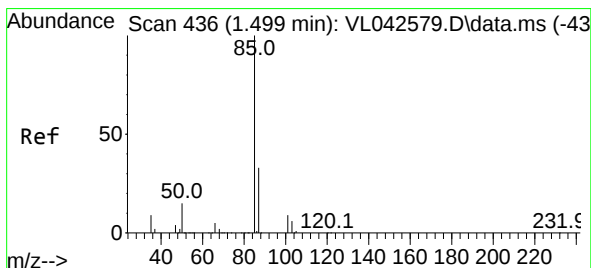
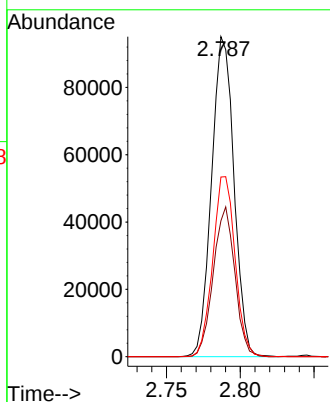
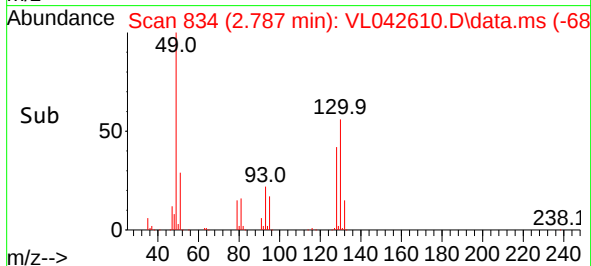
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2025



Tgt Ion: 49 Resp: 100590
Ion Ratio Lower Upper
49 100
128 45.0 24.2 72.6
130 56.1 30.4 91.2

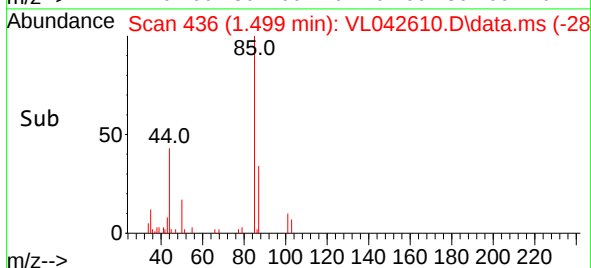
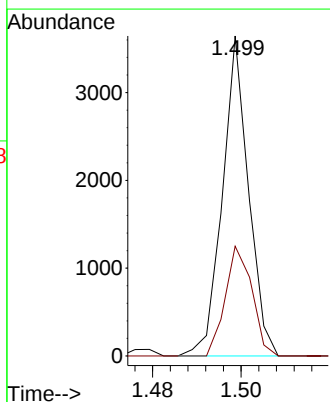
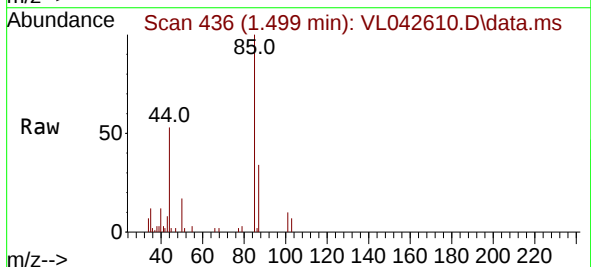
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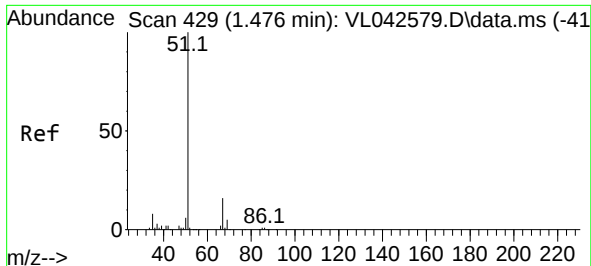
Reviewed By :Semsettin Yesilyurt 06/04/2025
Supervised By :Mahesh Dadoda 06/06/2025



#2
Dichlorodifluoromethane
Concen: 0.121 ppbv
RT: 1.499 min Scan# 436
Delta R.T. -0.000 min
Lab File: VL042610.D
Acq: 03 Jun 2025 14:40

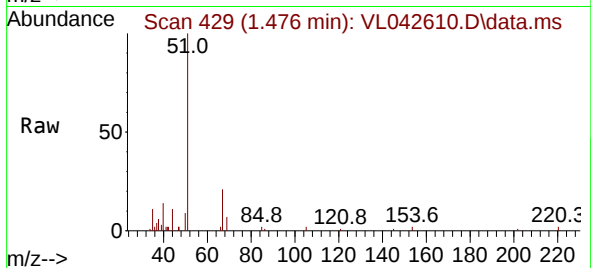
Tgt Ion: 85 Resp: 1492
Ion Ratio Lower Upper
85 100
87 34.3 26.6 39.8





#3
Chlorodifluoromethane
Concen: 0.116 ppbv
RT: 1.476 min Scan# 429
Delta R.T. -0.000 min
Lab File: VL042610.D
Acq: 03 Jun 2025 14:40

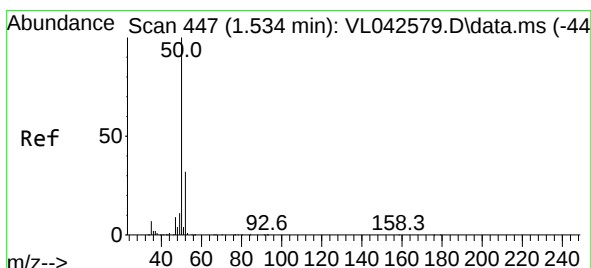
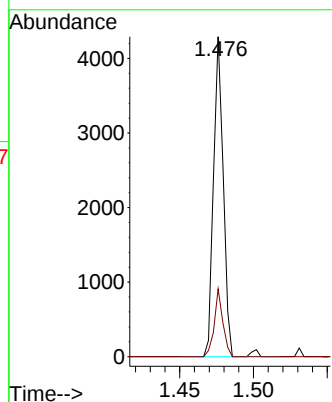
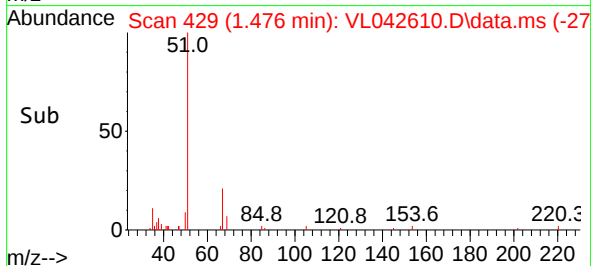
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2025



Tgt Ion: 51 Resp: 1979
Ion Ratio Lower Upper
51 100
67 18.5 13.4 20.2

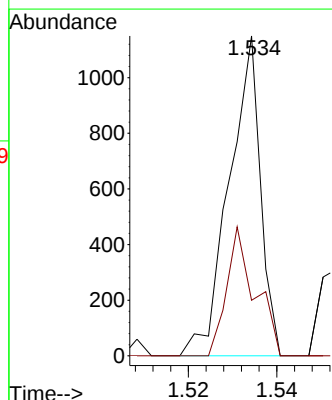
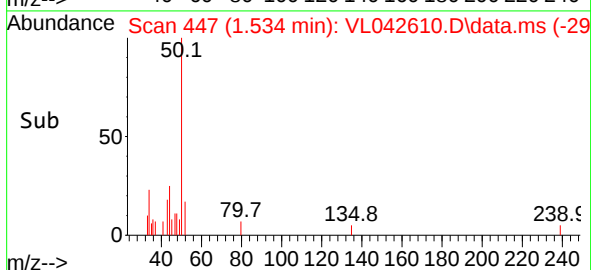
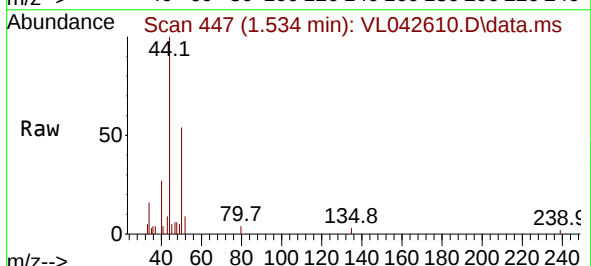
Manual Integrations
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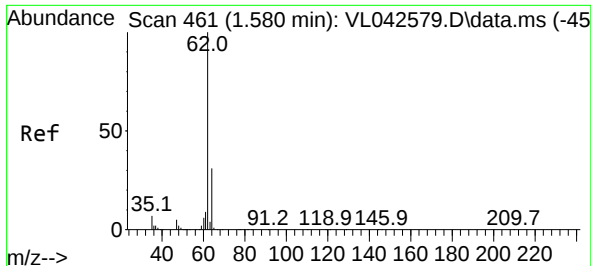
Reviewed By :Semsettin Yesilyurt 06/04/2025
Supervised By :Mahesh Dadoda 06/06/2025



#4
Chloromethane
Concen: 0.115 ppbv
RT: 1.534 min Scan# 447
Delta R.T. -0.000 min
Lab File: VL042610.D
Acq: 03 Jun 2025 14:40

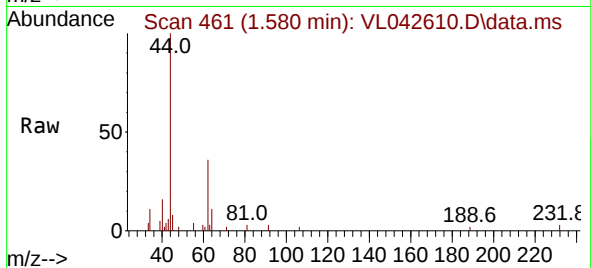
Tgt Ion: 50 Resp: 565
Ion Ratio Lower Upper
50 100
52 17.4 25.8 38.6#





#5
 Vinyl Chloride
 Concen: 0.126 ppbv
 RT: 1.580 min Scan# 461
 Delta R.T. -0.000 min
 Lab File: VL042610.D
 Acq: 03 Jun 2025 14:40

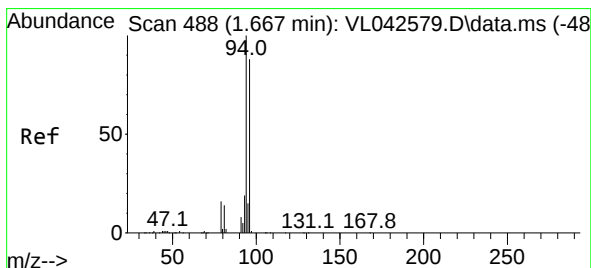
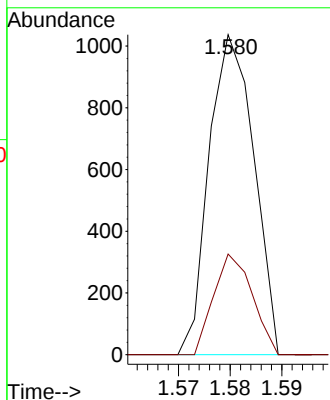
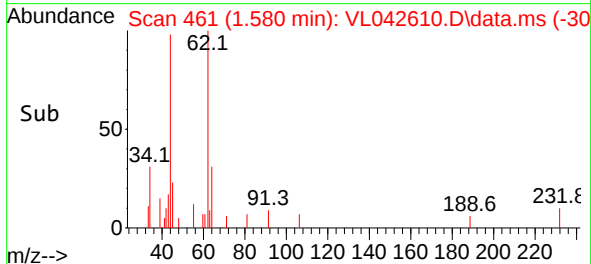
Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT2-2025



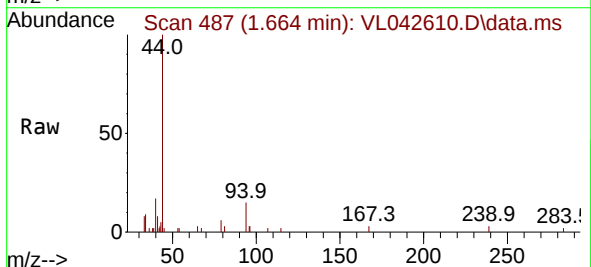
Tgt Ion: 62 Resp: 620
 Ion Ratio Lower Upper
 62 100
 64 31.4 24.9 37.3

Manual Integrations
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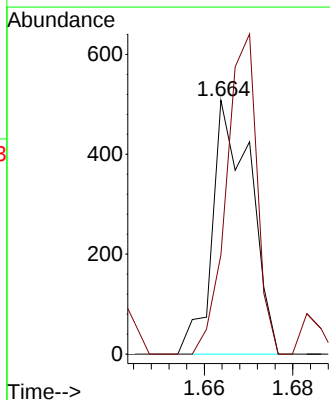
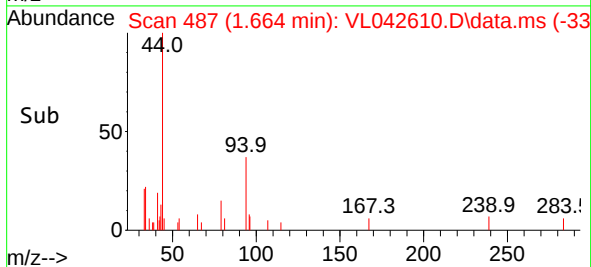
Reviewed By :Semsettin Yesilyurt 06/04/2025
 Supervised By :Mahesh Dadoda 06/06/2025

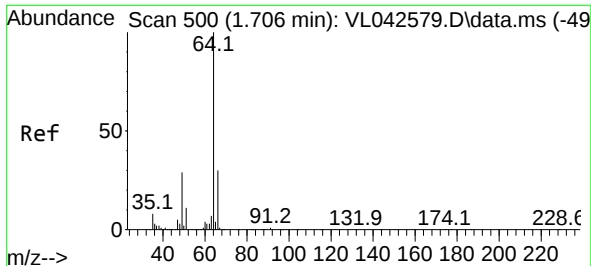


#6
 Bromomethane
 Concen: 0.126 ppbv
 RT: 1.664 min Scan# 487
 Delta R.T. -0.003 min
 Lab File: VL042610.D
 Acq: 03 Jun 2025 14:40



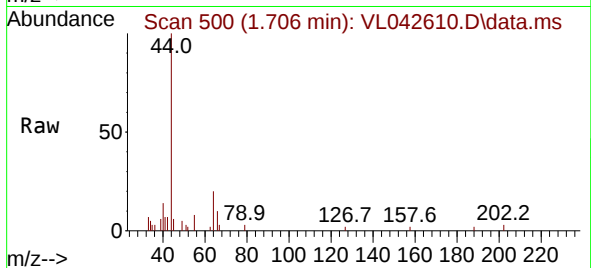
Tgt Ion: 94 Resp: 307
 Ion Ratio Lower Upper
 94 100
 96 39.2 70.7 106.1#





#7
Chloroethane
Concen: 0.168 ppbv
RT: 1.706 min Scan# 500
Delta R.T. -0.000 min
Lab File: VL042610.D
Acq: 03 Jun 2025 14:40

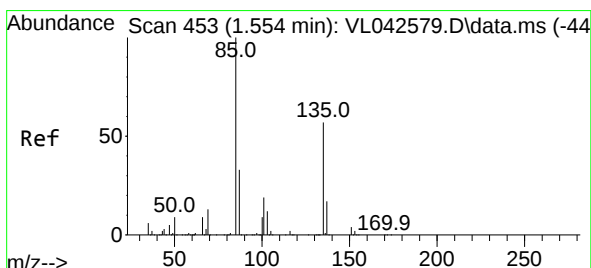
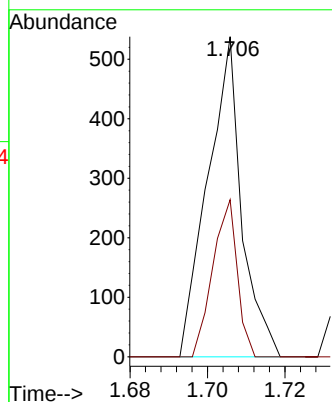
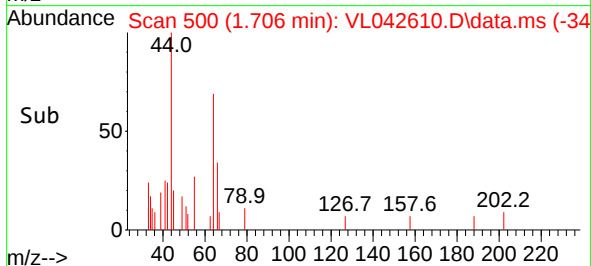
Instrument : MSVOA_L
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LOD-MDL-AIR-01-QT2-2025



Tgt Ion: 64 Resp: 320
Ion Ratio Lower Upper
64 100
66 61.5 24.3 36.5

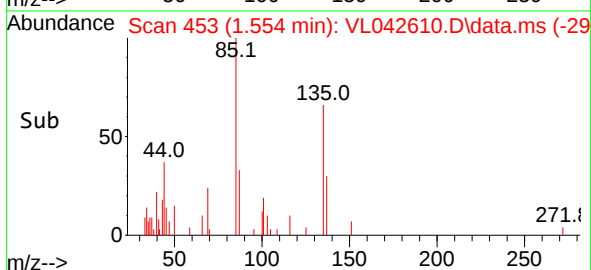
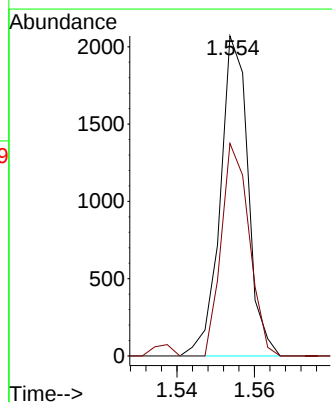
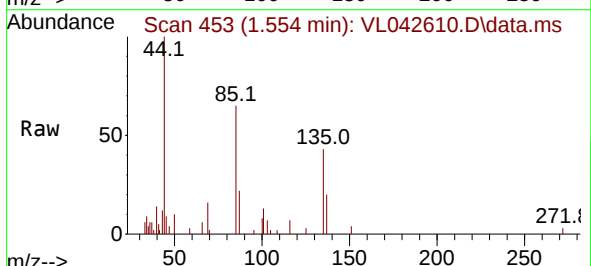
Manual Integrations
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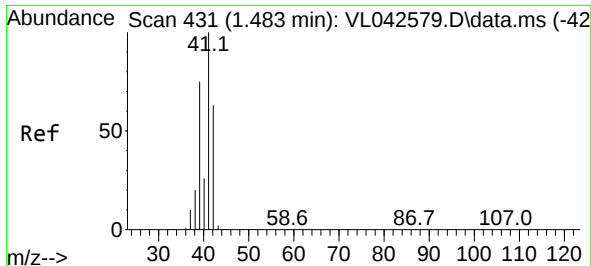
Reviewed By :Semsettin Yesilyurt 06/04/2025
Supervised By :Mahesh Dadoda 06/06/2025



#8
Dichlorotetrafluoroethane
Concen: 0.100 ppbv
RT: 1.554 min Scan# 453
Delta R.T. -0.000 min
Lab File: VL042610.D
Acq: 03 Jun 2025 14:40

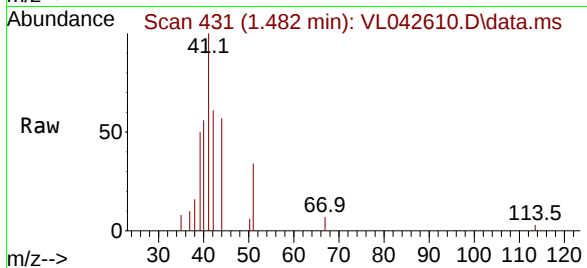
Tgt Ion: 85 Resp: 1032
Ion Ratio Lower Upper
85 100
135 69.1 50.2 75.4





#9
 Propene
 Concen: 0.125 ppbv
 RT: 1.482 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VL042610.D
 Acq: 03 Jun 2025 14:40

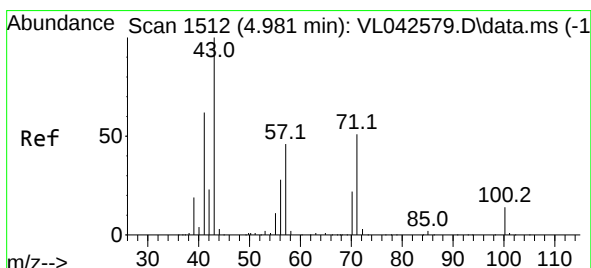
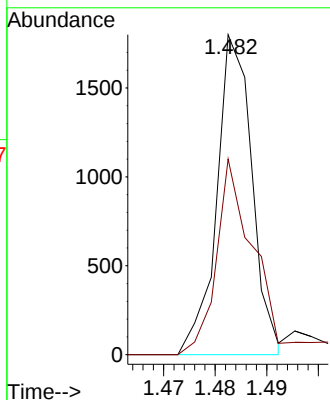
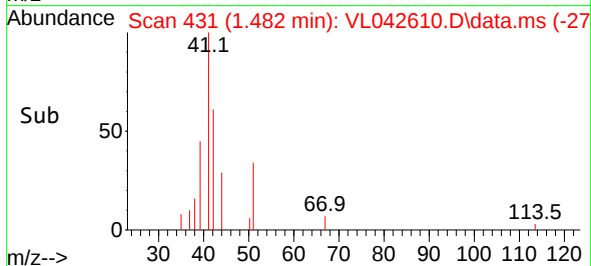
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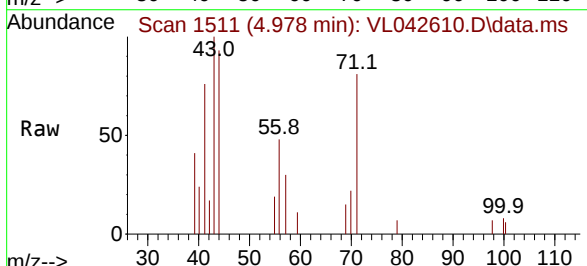
Tgt Ion: 41 Resp: 85
 Ion Ratio Lower Upper
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 42 74.4 53.3 79.9

Manual Integrations
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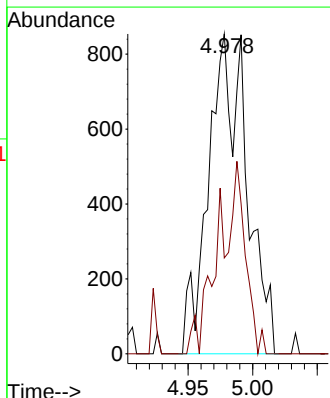
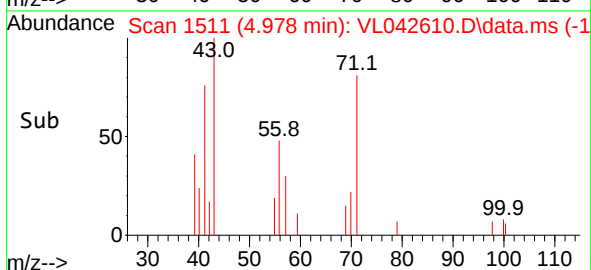
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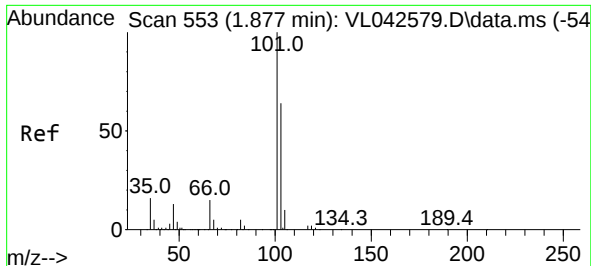


#10
 Heptane
 Concen: 0.091 ppbv m
 RT: 4.978 min Scan# 1511
 Delta R.T. -0.003 min
 Lab File: VL042610.D
 Acq: 03 Jun 2025 14:40



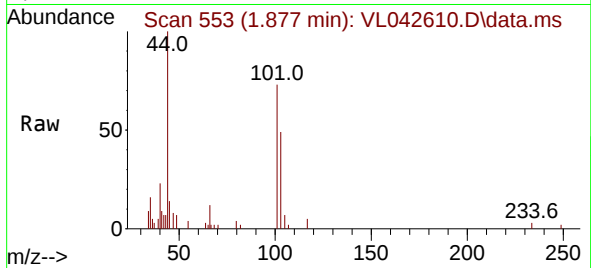
Tgt Ion: 43 Resp: 1758
 Ion Ratio Lower Upper
 43 100
 57 0.0 38.9 58.3#





#11
 Trichlorofluoromethane
 Concen: 0.128 ppbv
 RT: 1.877 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VL042610.D
 Acq: 03 Jun 2025 14:40

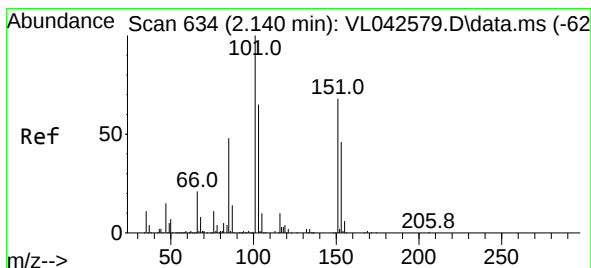
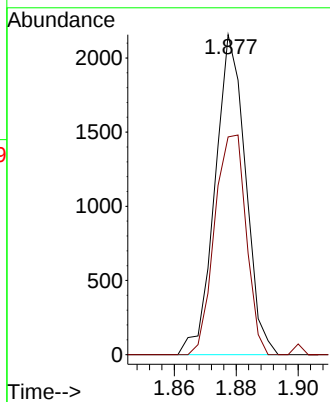
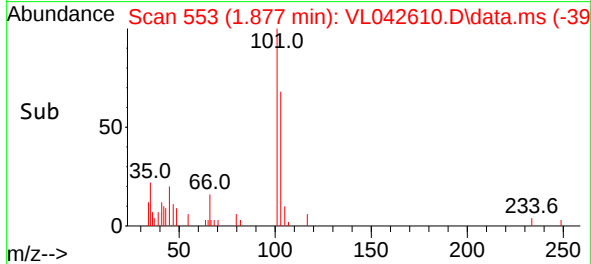
Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT2-2025



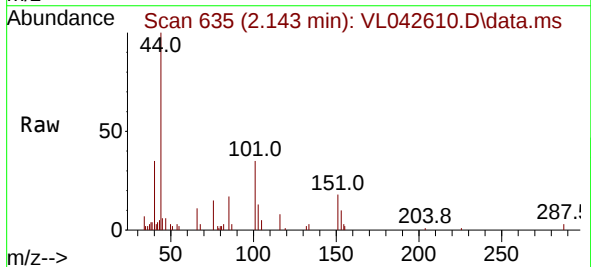
Tgt Ion:101 Resp: 1474
 Ion Ratio Lower Upper
 101 100
 103 68.1 51.5 77.3

Manual Integrations
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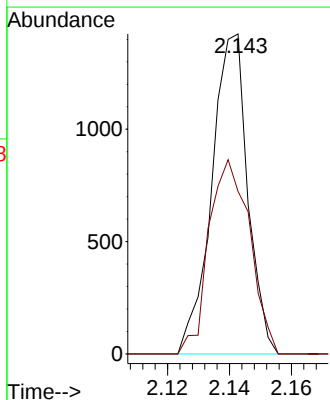
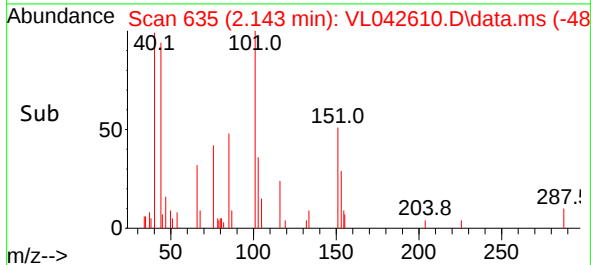
Reviewed By :Semsettin Yesilyurt 06/04/2025
 Supervised By :Mahesh Dadoda 06/06/2025

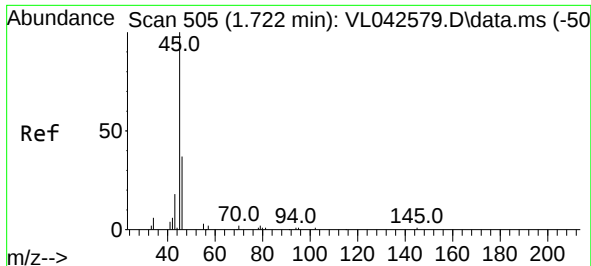


#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.127 ppbv
 RT: 2.143 min Scan# 635
 Delta R.T. 0.003 min
 Lab File: VL042610.D
 Acq: 03 Jun 2025 14:40



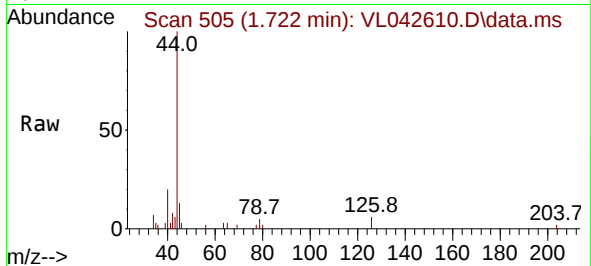
Tgt Ion:101 Resp: 1150
 Ion Ratio Lower Upper
 101 100
 151 68.9 55.3 82.9





#13
Ethanol
Concen: 0.404 ppbv
RT: 1.722 min Scan# 505
Delta R.T. -0.000 min
Lab File: VL042610.D
Acq: 03 Jun 2025 14:40

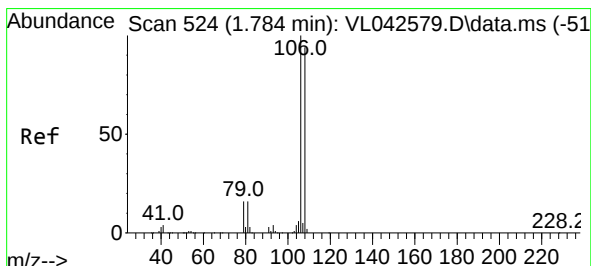
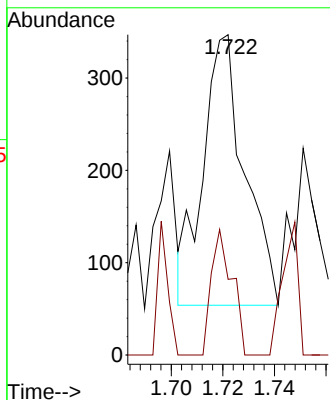
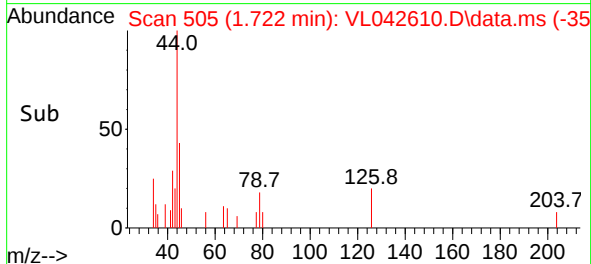
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2025



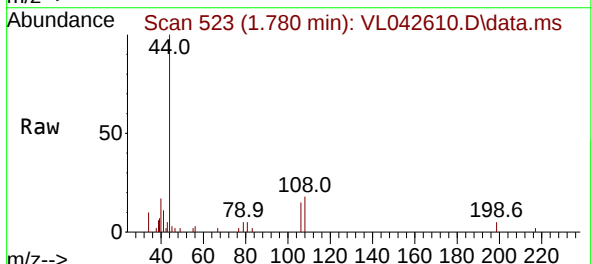
Tgt Ion: 45 Resp: 330
Ion Ratio Lower Upper
45 100
46 0.0 14.5 58.1

Manual Integrations
APPROVED

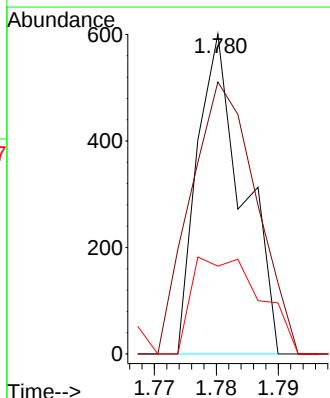
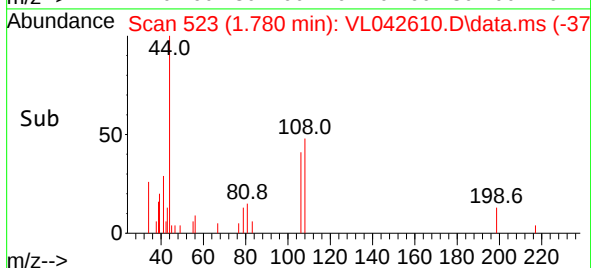
Reviewed By :Semsettin Yesilyurt 06/04/2025
Supervised By :Mahesh Dadoda 06/06/2025

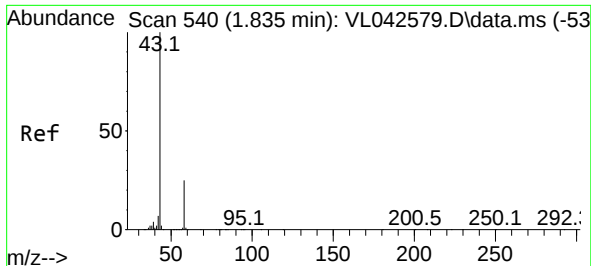


#14
Bromoethene
Concen: 0.091 ppbv
RT: 1.780 min Scan# 523
Delta R.T. -0.003 min
Lab File: VL042610.D
Acq: 03 Jun 2025 14:40



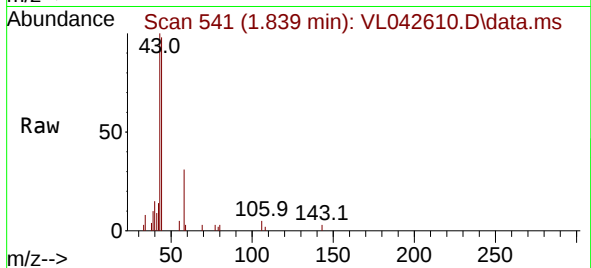
Tgt Ion:108 Resp: 308
Ion Ratio Lower Upper
108 100
106 121.8 87.9 131.9
79 48.7 15.6 23.4





#15
Acetone
Concen: 0.161 ppbv
RT: 1.839 min Scan# 54
Delta R.T. 0.003 min
Lab File: VL042610.D
Acq: 03 Jun 2025 14:40

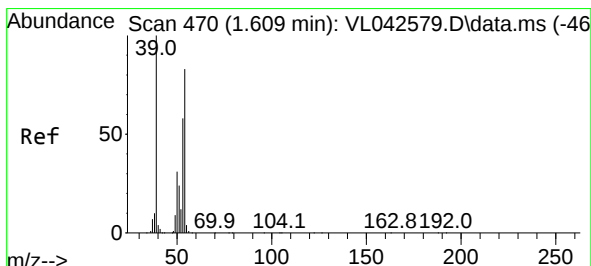
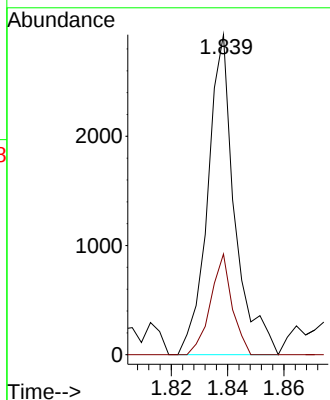
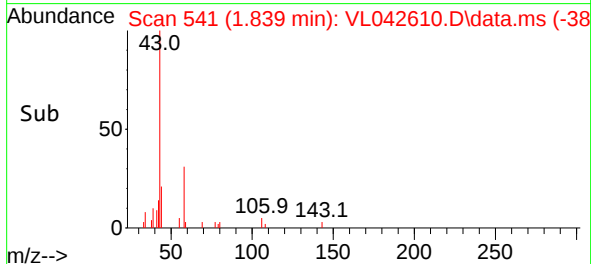
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2025



Tgt Ion: 43 Resp: 195
Ion Ratio Lower Upper
43 100
58 25.0 21.0 31.4

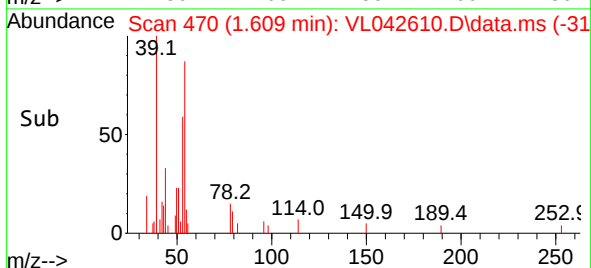
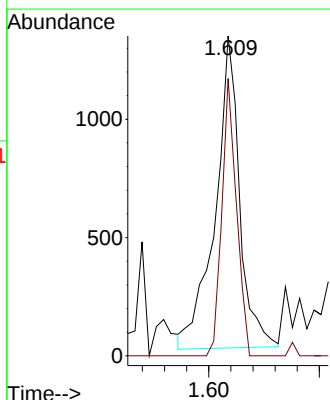
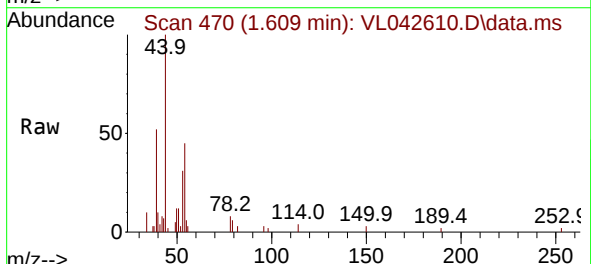
Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 06/04/2025
Supervised By :Mahesh Dadoda 06/06/2025



#16
1,3-Butadiene
Concen: 0.176 ppbv
RT: 1.609 min Scan# 470
Delta R.T. -0.000 min
Lab File: VL042610.D
Acq: 03 Jun 2025 14:40

Tgt Ion: 39 Resp: 1011
Ion Ratio Lower Upper
39 100
54 53.1 57.9 86.9#





#17

tert-Butyl alcohol

Concen: 0.116 ppbv

RT: 2.046 min Scan# 604

Delta R.T. 0.003 min

Lab File: VL042610.D

Acq: 03 Jun 2025 14:40

Instrument :

MSVOA_L

ClientSampleId :

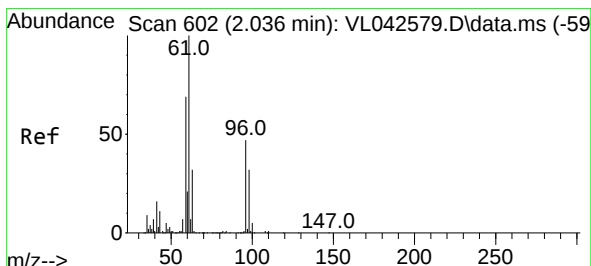
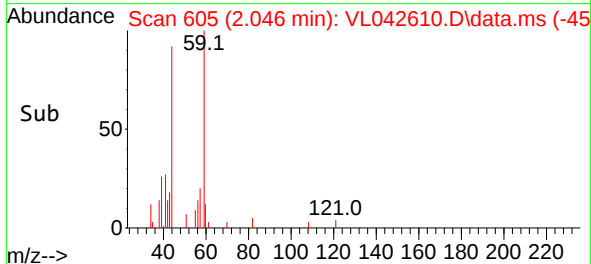
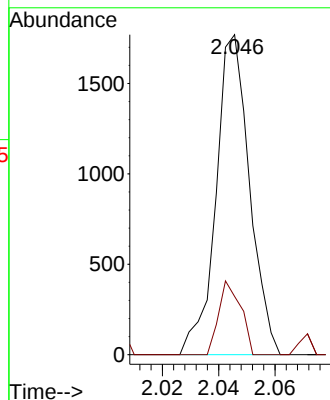
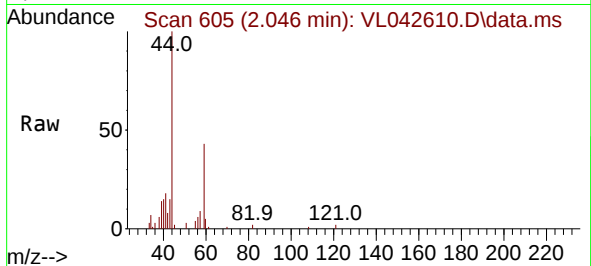
LOD-MDL-AIR-01-QT2-2025

Tgt Ion: 59 Resp: 1460
 Ion Ratio Lower Upper
 59 100
 57 15.1 8.6 12.8

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 06/04/2025
 Supervised By :Mahesh Dadoda 06/06/2025



#18

1,1-Dichloroethene

Concen: 0.115 ppbv

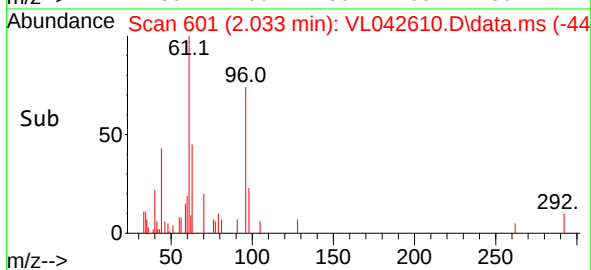
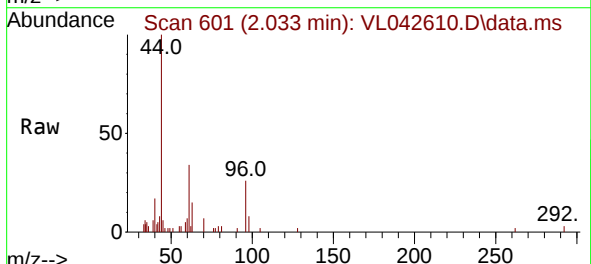
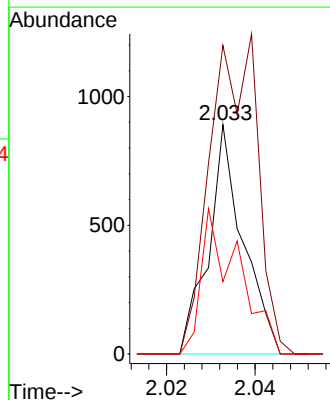
RT: 2.033 min Scan# 601

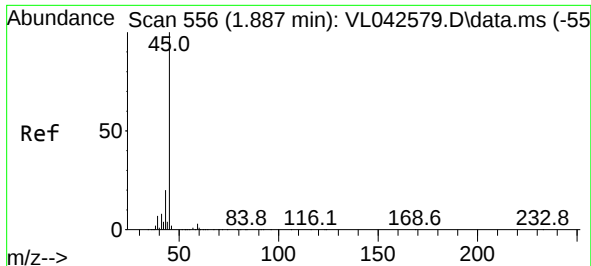
Delta R.T. -0.003 min

Lab File: VL042610.D

Acq: 03 Jun 2025 14:40

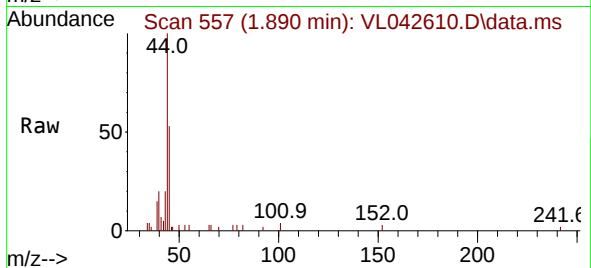
Tgt Ion: 96 Resp: 481
 Ion Ratio Lower Upper
 96 100
 61 134.5 171.1 256.7#
 98 31.5 54.4 81.6#





#19
Isopropyl Alcohol
Concen: 0.116 ppbv
RT: 1.890 min Scan# 51
Delta R.T. 0.003 min
Lab File: VL042610.D
Acq: 03 Jun 2025 14:40

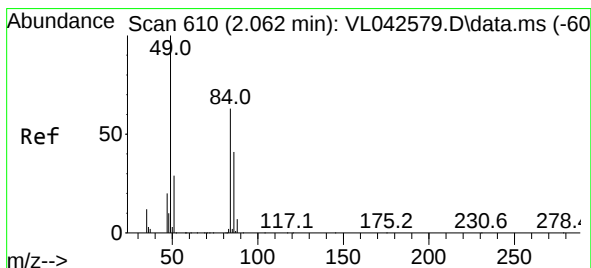
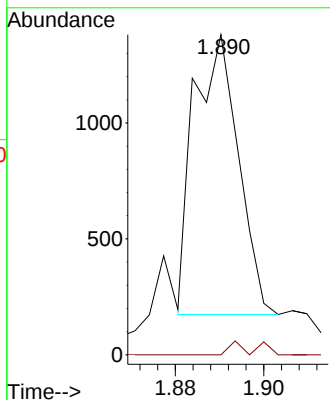
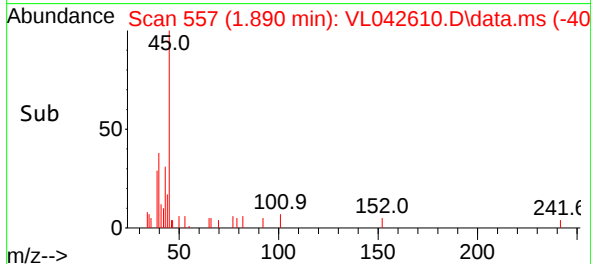
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2025



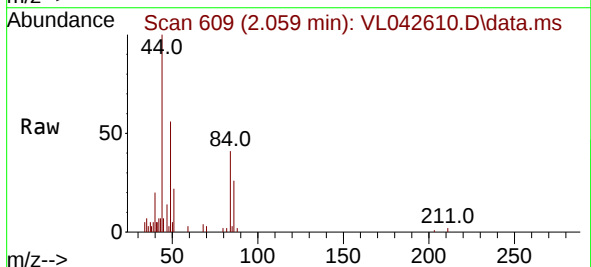
Tgt Ion: 45 Resp: 84
Ion Ratio Lower Upper
45 100
58 58.0 29.4 44.2

Manual Integrations
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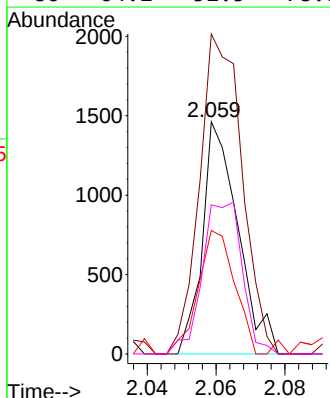
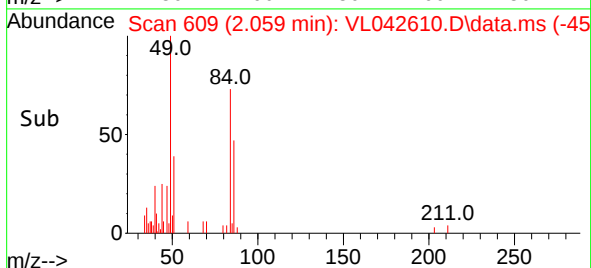
Reviewed By :Semsettin Yesilyurt 06/04/2025
Supervised By :Mahesh Dadoda 06/06/2025

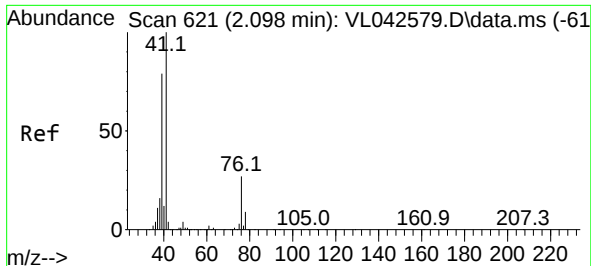


#20
Methylene Chloride
Concen: 0.263 ppbv
RT: 2.059 min Scan# 609
Delta R.T. -0.003 min
Lab File: VL042610.D
Acq: 03 Jun 2025 14:40



Tgt Ion: 84 Resp: 1051
Ion Ratio Lower Upper
84 100
49 137.8 128.8 193.2
51 47.3 38.6 57.8
86 64.2 52.5 78.7





#21

Allyl Chloride

Concen: 0.130 ppbv

RT: 2.094 min Scan# 61

Delta R.T. -0.003 min

Lab File: VL042610.D

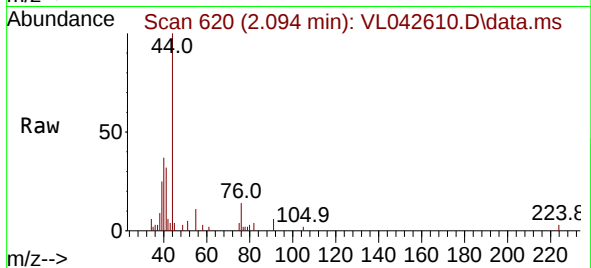
Acq: 03 Jun 2025 14:40

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT2-2025



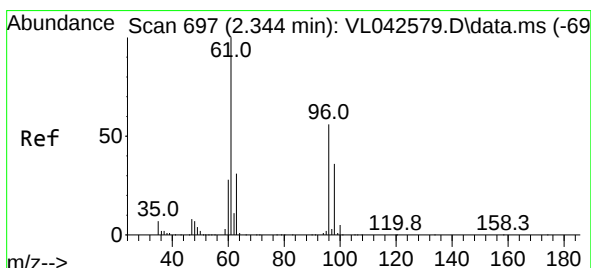
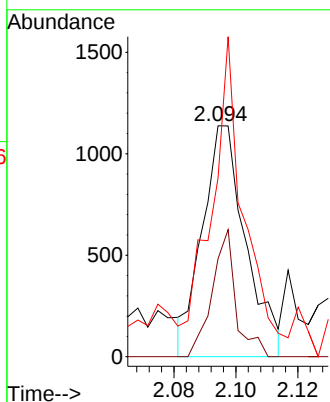
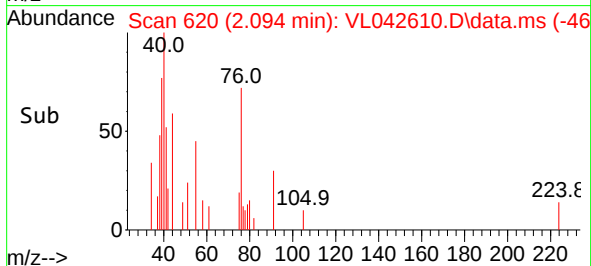
Tgt Ion:	41	Resp:	110
Ion Ratio	100	Lower	Upper
41	100		
76	30.1	21.2	31.8
39	136.8	60.9	91.3

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 06/04/2025

Supervised By :Mahesh Dadoda 06/06/2025



#22

trans-1,2-Dichloroethene

Concen: 0.142 ppbv

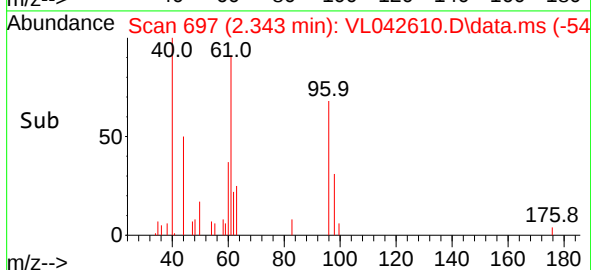
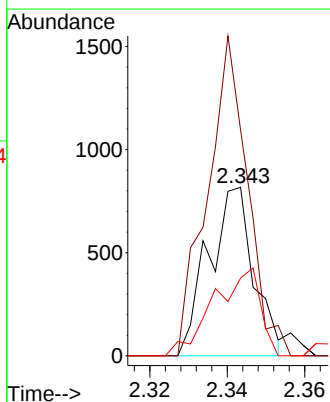
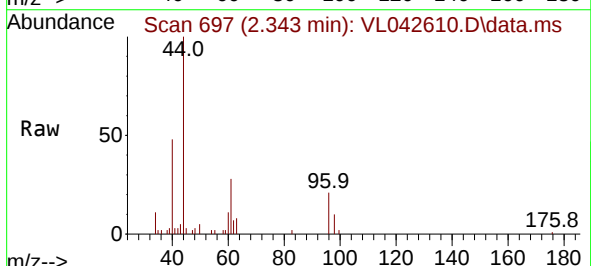
RT: 2.343 min Scan# 697

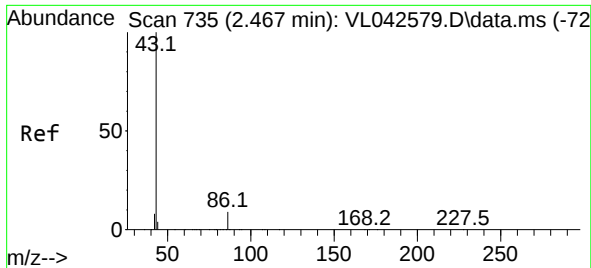
Delta R.T. -0.000 min

Lab File: VL042610.D

Acq: 03 Jun 2025 14:40

Tgt Ion:	96	Resp:	664
Ion Ratio	100	Lower	Upper
96	100		
61	133.9	142.6	214.0#
98	46.1	51.0	76.4#





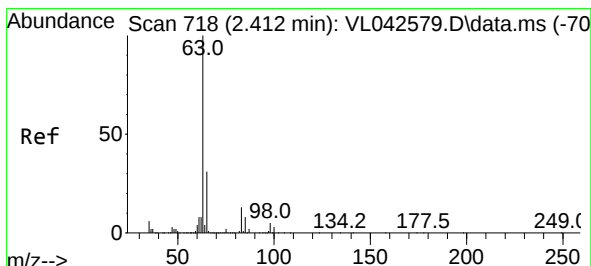
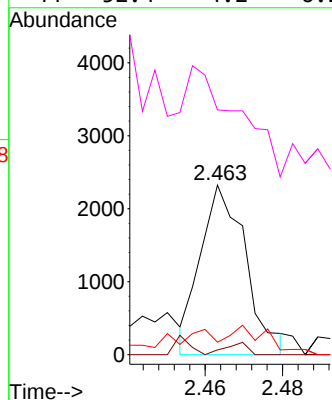
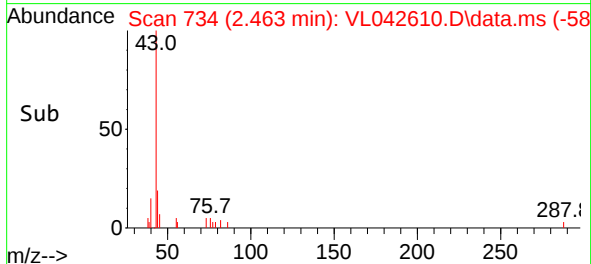
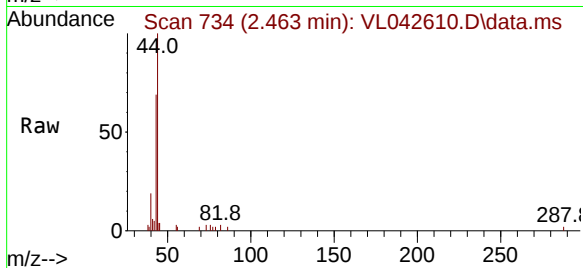
#23
 Vinyl Acetate
 Concen: 0.115 ppbv
 RT: 2.463 min Scan# 718
 Delta R.T. -0.003 min
 Lab File: VL042610.D
 Acq: 03 Jun 2025 14:40

Instrument : MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT2-2025

Tgt Ion: 43	Resp: 188
Ion Ratio	Lower Upper
43 100	
86 3.2	6.6 9.8
42 5.2	7.0 10.4
44 52.4	4.2 6.2

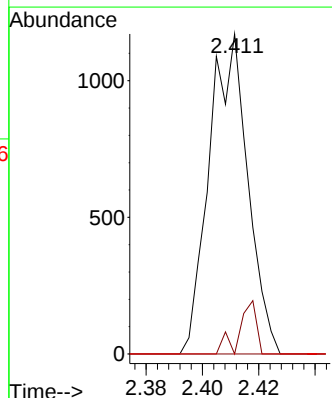
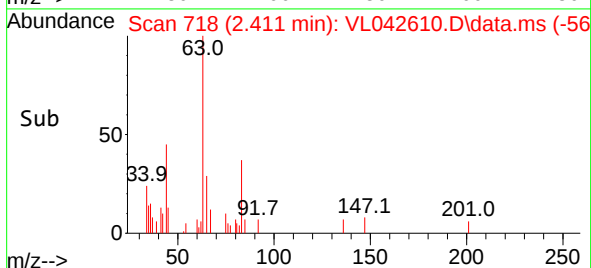
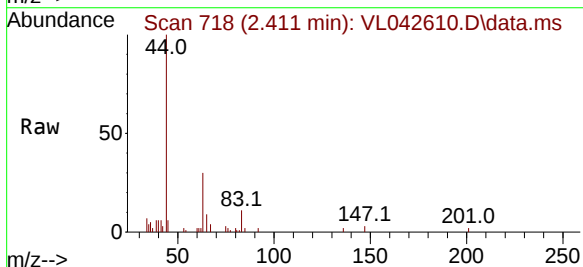
Manual Integrations
 APPROVED

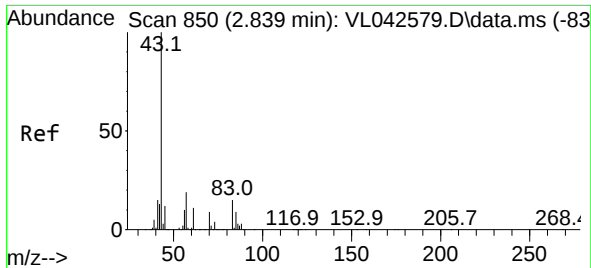
Reviewed By :Semsettin Yesilyurt 06/04/2025
 Supervised By :Mahesh Dadoda 06/06/2025



#24
 1,1-Dichloroethane
 Concen: 0.116 ppbv
 RT: 2.411 min Scan# 718
 Delta R.T. -0.000 min
 Lab File: VL042610.D
 Acq: 03 Jun 2025 14:40

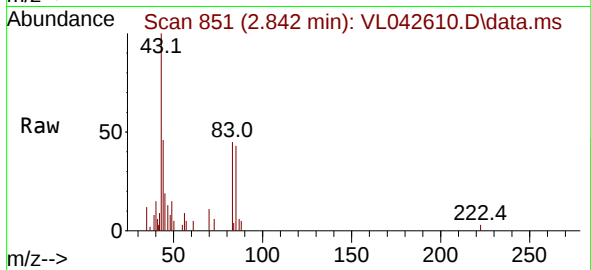
Tgt Ion: 63	Resp: 1114
Ion Ratio	Lower Upper
63 100	
98 0.0	2.4 7.1
100 0.0	1.4 4.0





#25
Ethyl Acetate
Concen: 0.105 ppbv m
RT: 2.842 min Scan# 845
Delta R.T. 0.003 min
Lab File: VL042610.D
Acq: 03 Jun 2025 14:40

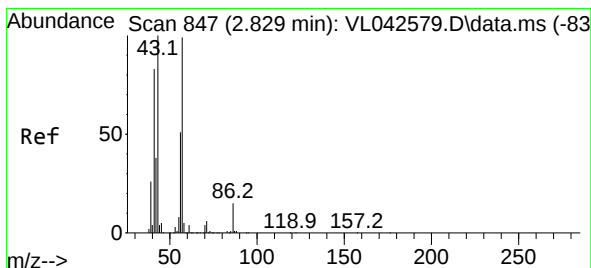
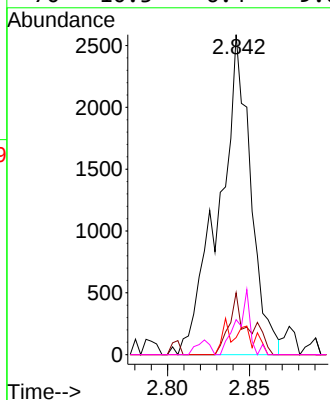
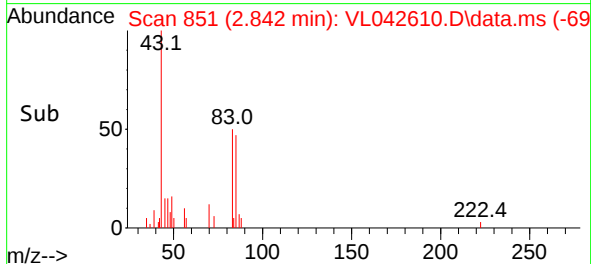
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2025



Tgt Ion: 43 Resp: 3498
Ion Ratio Lower Upper
43 100
45 11.7 8.2 12.2
61 7.7 7.1 10.7
70 10.3 6.4 9.6#

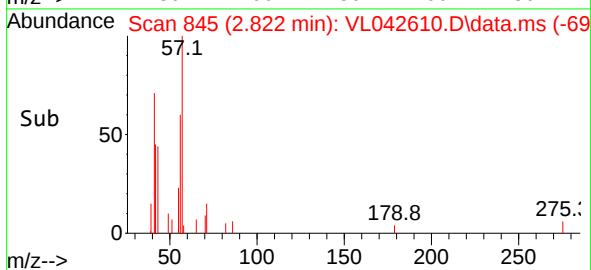
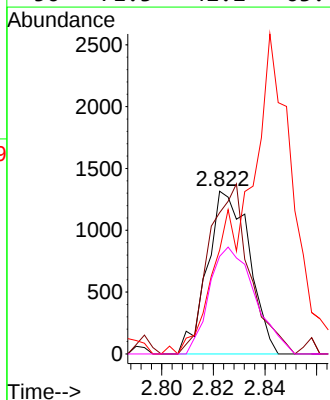
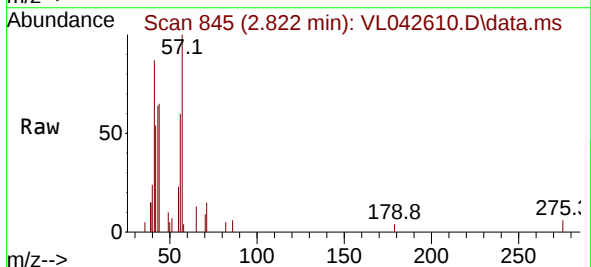
Manual Integrations
APPROVED

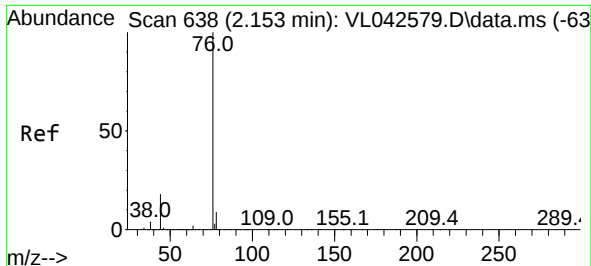
Reviewed By :Semsettin Yesilyurt 06/04/2025
Supervised By :Mahesh Dadoda 06/06/2025



#26
Hexane
Concen: 0.098 ppbv
RT: 2.822 min Scan# 845
Delta R.T. -0.007 min
Lab File: VL042610.D
Acq: 03 Jun 2025 14:40

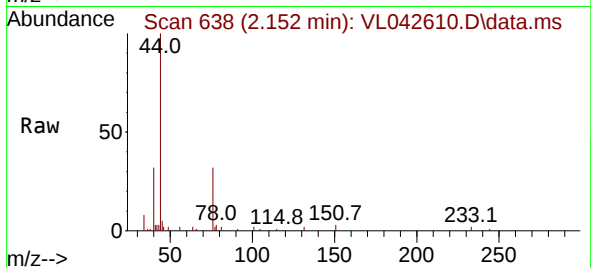
Tgt Ion: 57 Resp: 1483
Ion Ratio Lower Upper
57 100
41 107.4 70.6 106.0#
43 251.7 181.1 271.7
56 71.3 42.2 63.4#





#27
Carbon Disulfide
Concen: 0.102 ppbv
RT: 2.152 min Scan# 611
Delta R.T. -0.000 min
Lab File: VL042610.D
Acq: 03 Jun 2025 14:40

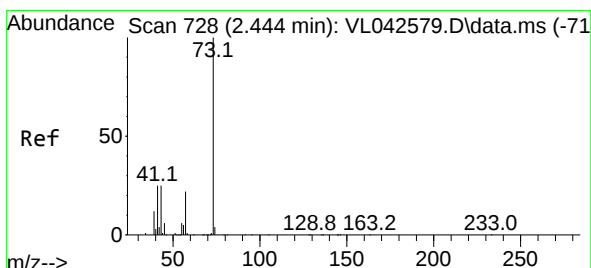
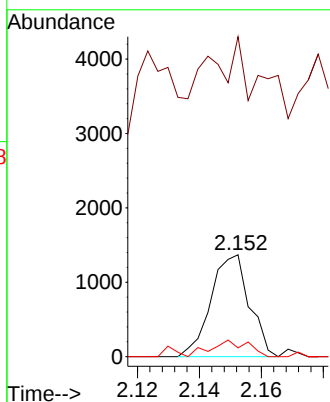
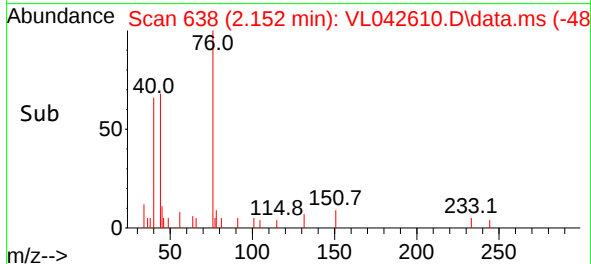
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2025



Tgt Ion: 76 Resp: 1184
Ion Ratio Lower Upper
76 100
44 302.5 21.3 31.9
78 19.9 9.4 14.0

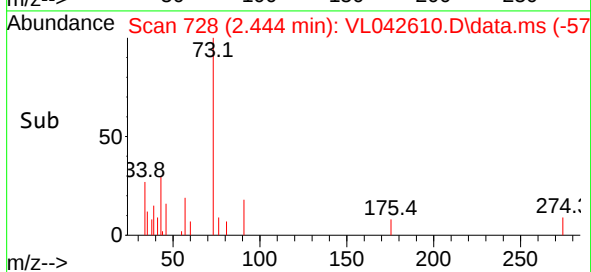
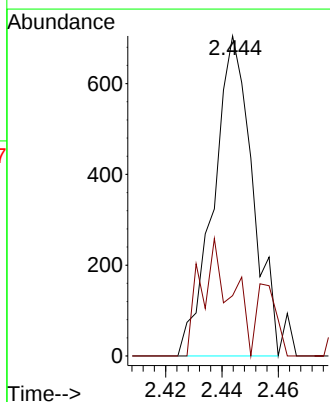
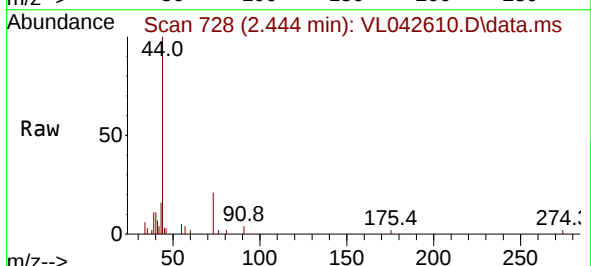
Manual Integrations
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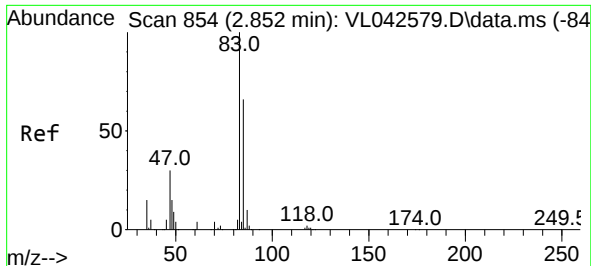
Reviewed By :Semsettin Yesilyurt 06/04/2025
Supervised By :Mahesh Dadoda 06/06/2025



#28
Methyl tert-Butyl Ether
Concen: 0.111 ppbv
RT: 2.444 min Scan# 728
Delta R.T. -0.000 min
Lab File: VL042610.D
Acq: 03 Jun 2025 14:40

Tgt Ion: 73 Resp: 677
Ion Ratio Lower Upper
73 100
57 39.7 19.9 29.9





#29

Chloroform

Concen: 0.119 ppbv

RT: 2.852 min Scan# 854

Delta R.T. -0.000 min

Lab File: VL042610.D

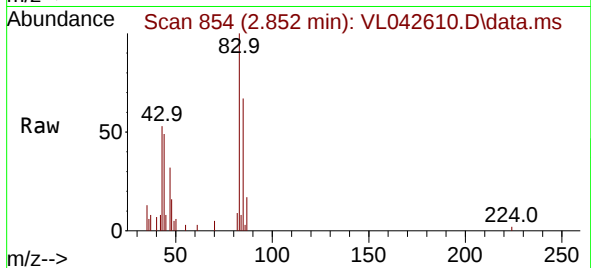
Acq: 03 Jun 2025 14:40

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT2-2025



Tgt Ion: 83 Resp: 233

Ion Ratio Lower Upper

83 100

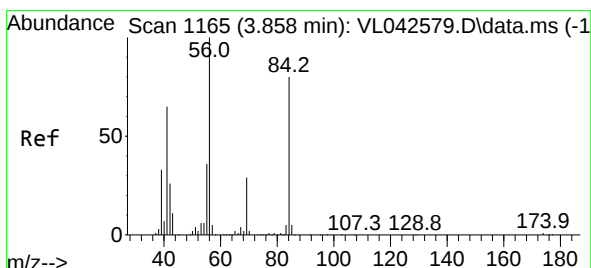
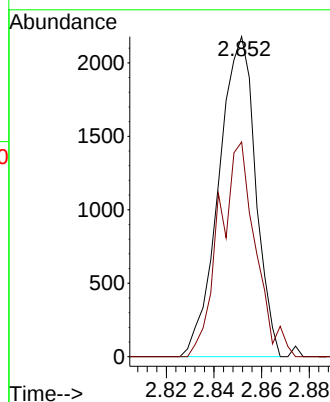
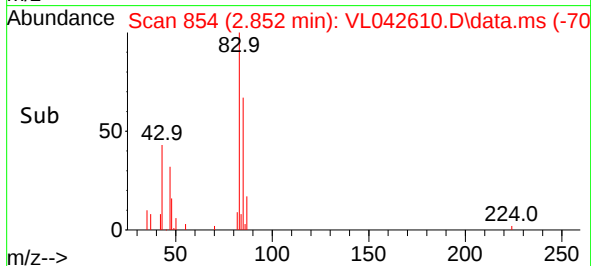
85 67.1 52.8 79.2

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 06/04/2025

Supervised By :Mahesh Dadoda 06/06/2025



#30

Cyclohexane

Concen: 0.083 ppbv m

RT: 3.852 min Scan# 1163

Delta R.T. -0.007 min

Lab File: VL042610.D

Acq: 03 Jun 2025 14:40

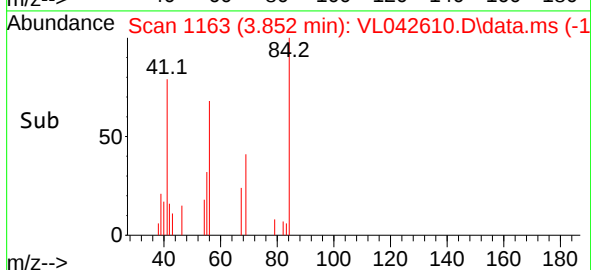
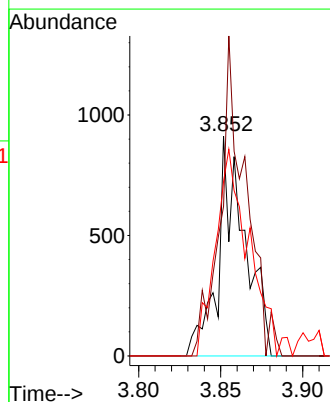
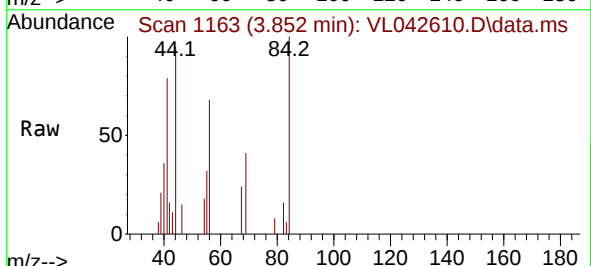
Tgt Ion: 84 Resp: 1042

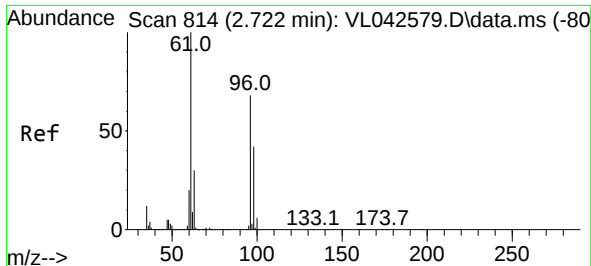
Ion Ratio Lower Upper

84 100

56 136.8 103.7 155.5

41 125.0 65.1 97.7#





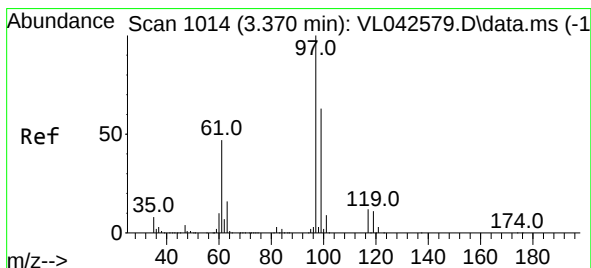
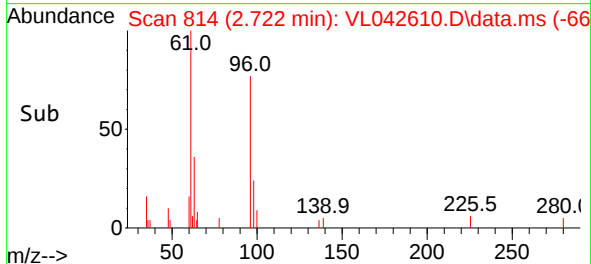
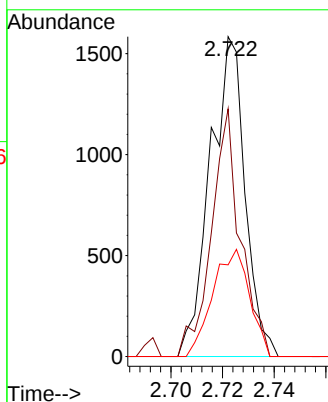
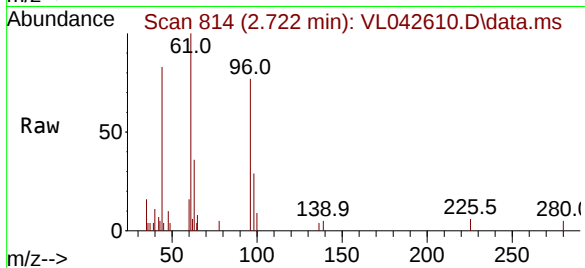
#31
 cis-1,2-Dichloroethene
 Concen: 0.108 ppbv
 RT: 2.722 min Scan# 814
 Delta R.T. -0.000 min
 Lab File: VL042610.D
 Acq: 03 Jun 2025 14:40

Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT2-2025

Tgt Ion: 61 Resp: 148
 Ion Ratio Lower Upper
 61 100
 96 77.5 54.5 81.7
 98 28.7 33.4 50.2

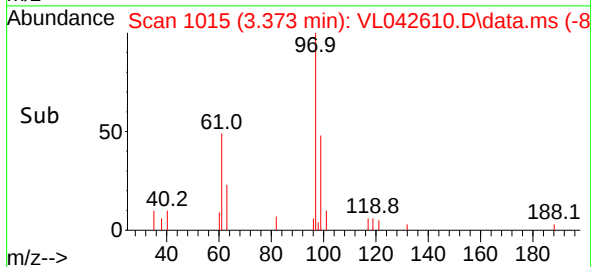
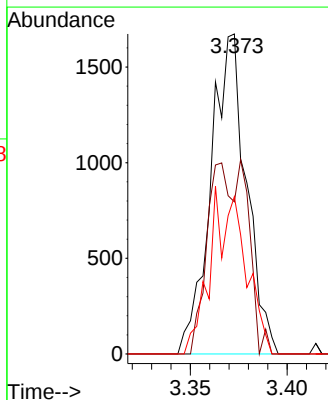
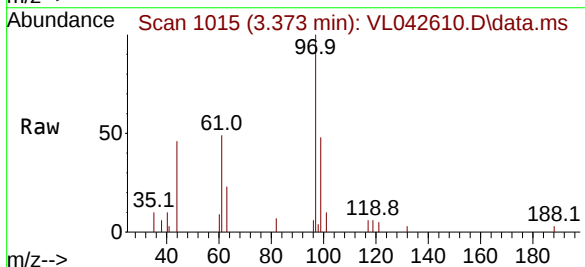
Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/04/2025
 Supervised By :Mahesh Dadoda 06/06/2025



#32
 1,1,1-Trichloroethane
 Concen: 0.107 ppbv
 RT: 3.373 min Scan# 1015
 Delta R.T. 0.003 min
 Lab File: VL042610.D
 Acq: 03 Jun 2025 14:40

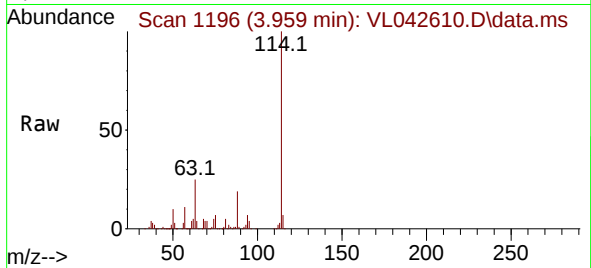
Tgt Ion: 97 Resp: 2138
 Ion Ratio Lower Upper
 97 100
 99 66.7 51.0 76.6
 61 50.5 39.4 59.0





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.959 min Scan# 1196
Delta R.T. -0.003 min
Lab File: VL042610.D
Acq: 03 Jun 2025 14:40

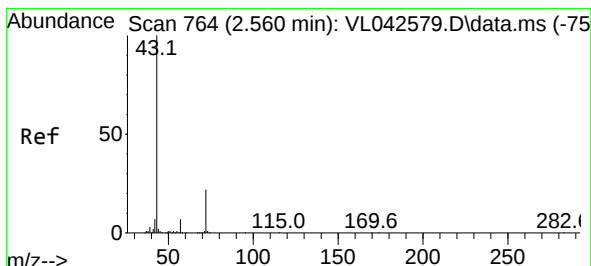
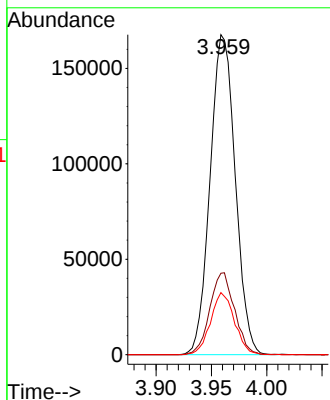
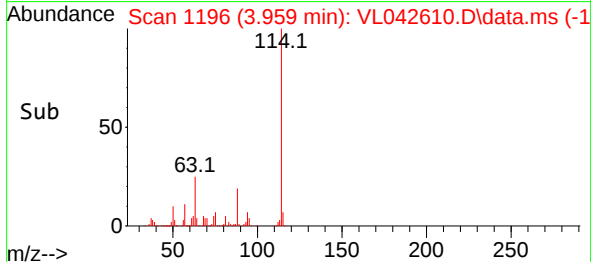
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2025



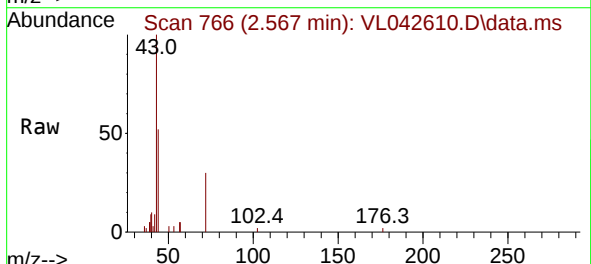
Tgt Ion:114 Resp: 26518
Ion Ratio Lower Upper
114 100
63 25.2 19.0 28.6
88 18.4 13.6 20.4

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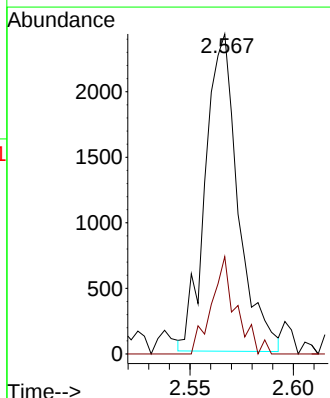
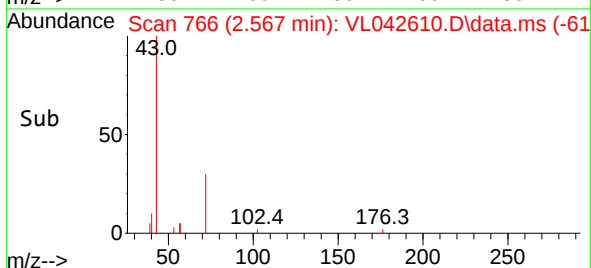
Reviewed By :Semsettin Yesilyurt 06/04/2025
Supervised By :Mahesh Dadoda 06/06/2025

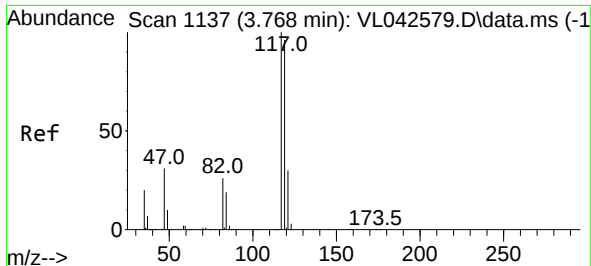


#34
2-Butanone
Concen: 0.141 ppbv
RT: 2.567 min Scan# 766
Delta R.T. 0.006 min
Lab File: VL042610.D
Acq: 03 Jun 2025 14:40



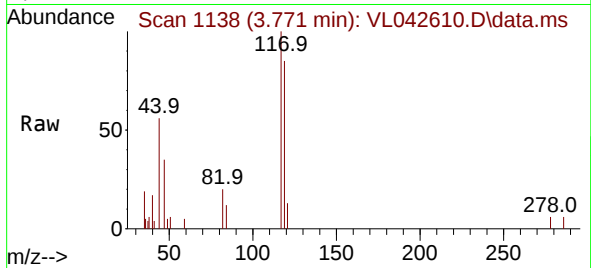
Tgt Ion: 43 Resp: 2664
Ion Ratio Lower Upper
43 100
72 23.2 17.7 26.5





#35
Carbon Tetrachloride
Concen: 0.119 ppbv m
RT: 3.771 min Scan# 1137
Delta R.T. 0.003 min
Lab File: VL042610.D
Acq: 03 Jun 2025 14:40

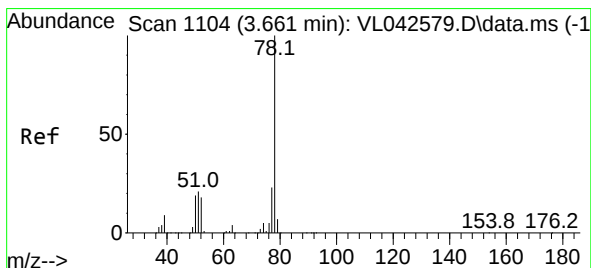
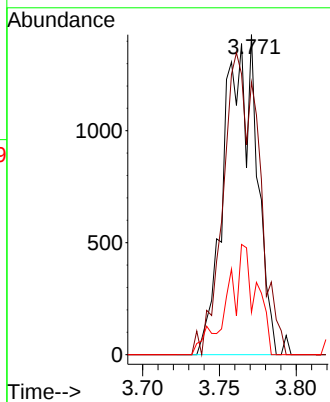
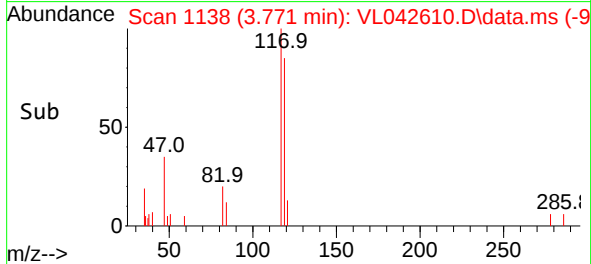
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2025



Tgt Ion:117 Resp: 2091
Ion Ratio Lower Upper
117 100
119 85.2 76.8 115.2
121 13.2 24.3 36.5

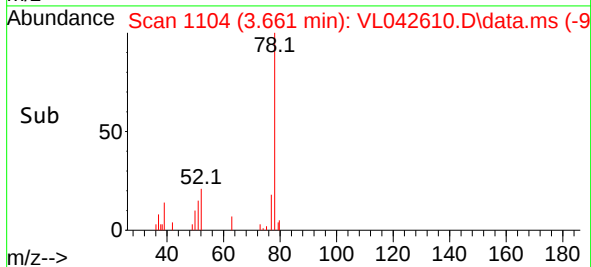
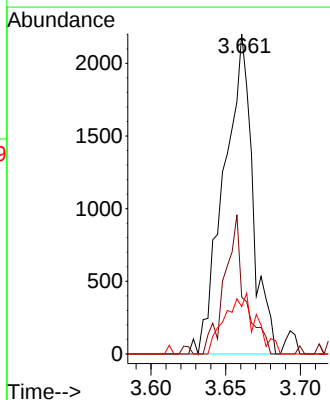
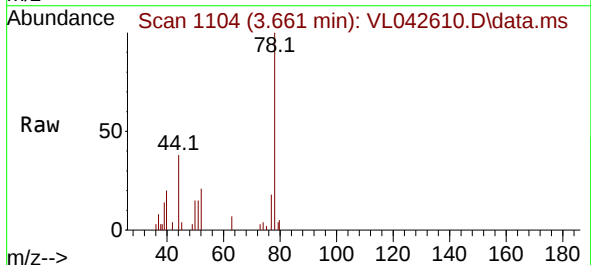
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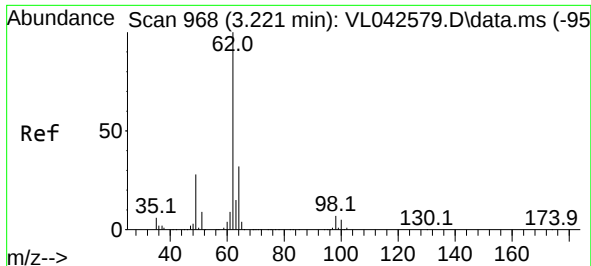
Reviewed By :Semsettin Yesilyurt 06/04/2025
Supervised By :Mahesh Dadoda 06/06/2025



#36
Benzene
Concen: 0.112 ppbv m
RT: 3.661 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VL042610.D
Acq: 03 Jun 2025 14:40

Tgt Ion: 78 Resp: 2931
Ion Ratio Lower Upper
78 100
77 17.8 18.2 27.2#
50 14.8 15.2 22.8#





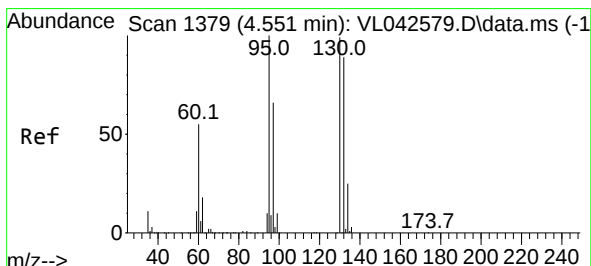
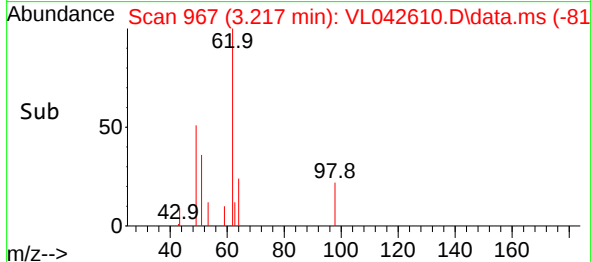
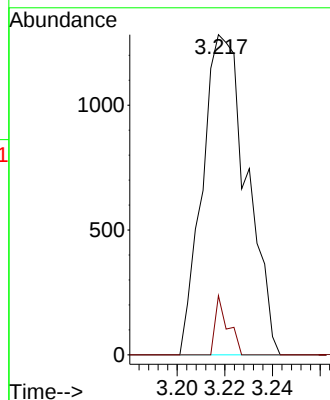
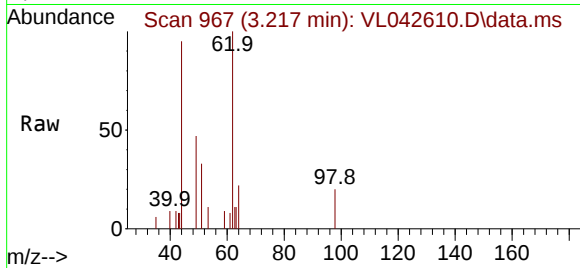
#37
1,2-Dichloroethane
Concen: 0.128 ppbv
RT: 3.217 min Scan# 967
Delta R.T. -0.003 min
Lab File: VL042610.D
Acq: 03 Jun 2025 14:40

Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2025

Tgt Ion: 62 Resp: 166
Ion Ratio Lower Upper
62 100
98 5.2 6.1 9.1

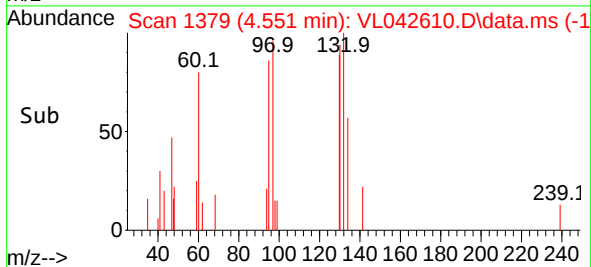
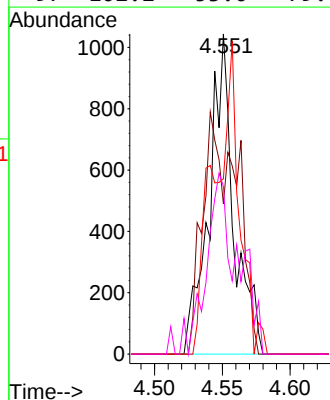
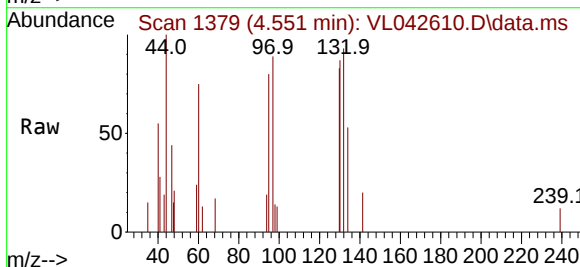
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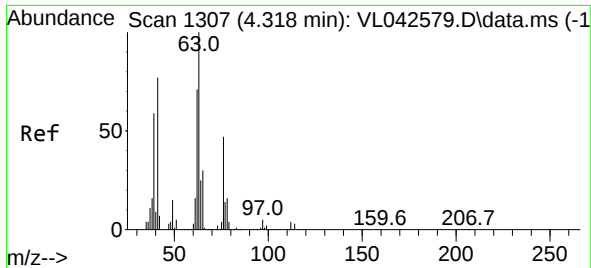
Reviewed By :Semsettin Yesilyurt 06/04/2025
Supervised By :Mahesh Dadoda 06/06/2025



#38
Trichloroethene
Concen: 0.119 ppbv m
RT: 4.551 min Scan# 1379
Delta R.T. -0.000 min
Lab File: VL042610.D
Acq: 03 Jun 2025 14:40

Tgt Ion:130 Resp: 1325
Ion Ratio Lower Upper
130 100
95 91.6 80.6 121.0
132 106.9 71.8 107.6
97 102.2 53.0 79.4





#39

1,2-Dichloropropane

Concen: 0.126 ppbv m

RT: 4.324 min Scan# 1309

Delta R.T. 0.006 min

Lab File: VL042610.D

Acq: 03 Jun 2025 14:40

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT2-2025

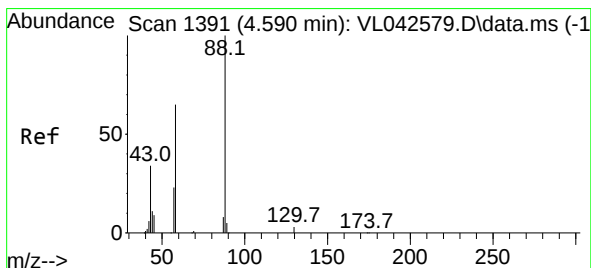
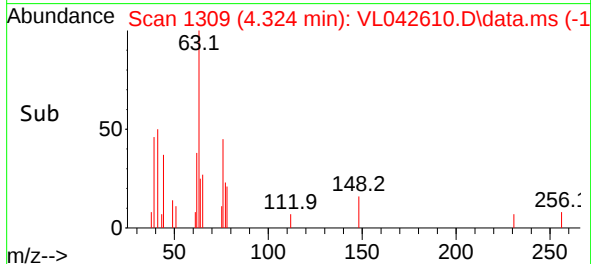
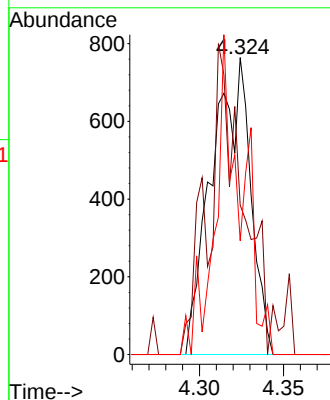
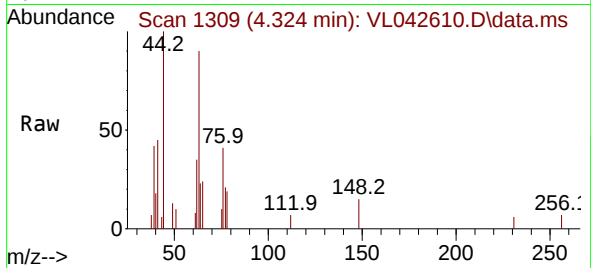
Tgt Ion: 63	Resp: 1218
Ion Ratio	Lower Upper
63	100
41	50.3 61.8 92.6
62	38.4 56.6 85.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/04/2025

Supervised By :Mahesh Dadoda 06/06/2025



#40

1,4-Dioxane

Concen: 0.117 ppbv m

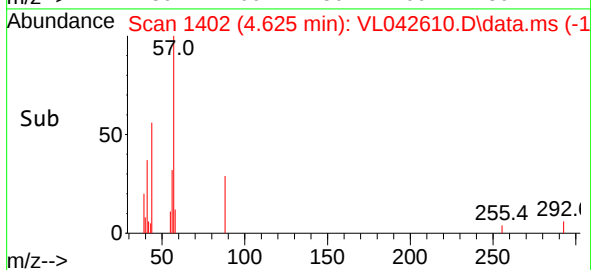
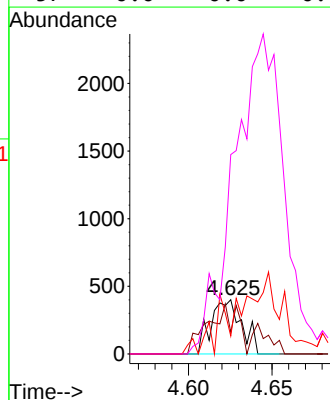
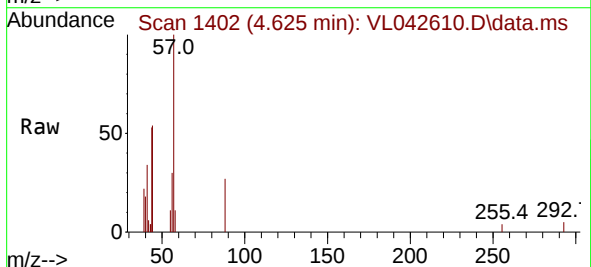
RT: 4.625 min Scan# 1402

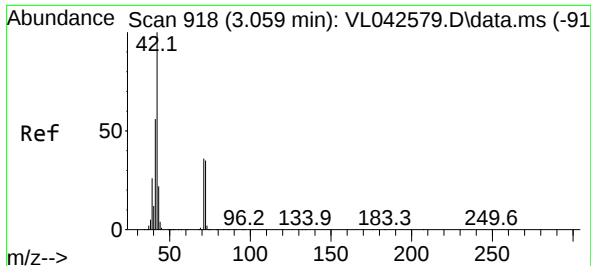
Delta R.T. 0.035 min

Lab File: VL042610.D

Acq: 03 Jun 2025 14:40

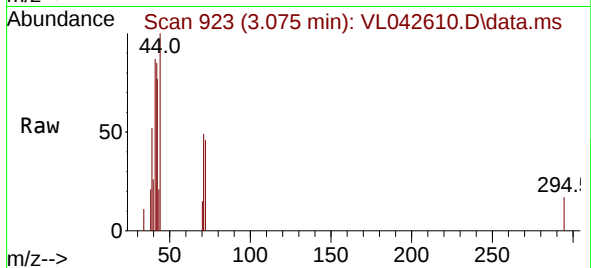
Tgt Ion: 88	Resp: 507
Ion Ratio	Lower Upper
88	100
58	119.1 55.8 83.8#
43	0.0 24.8 37.2#
57	0.0 0.0 0.0





#41
Tetrahydrofuran
Concen: 0.102 ppbv m
RT: 3.075 min Scan# 918
Delta R.T. 0.016 min
Lab File: VL042610.D
Acq: 03 Jun 2025 14:40

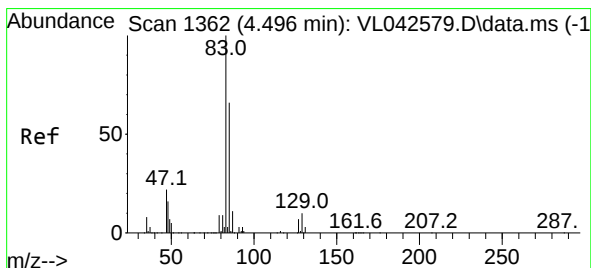
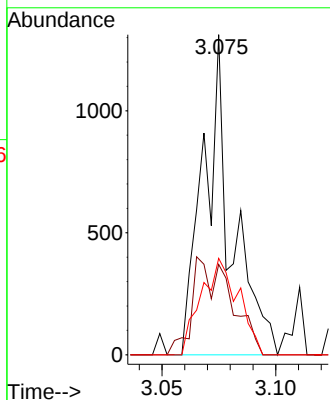
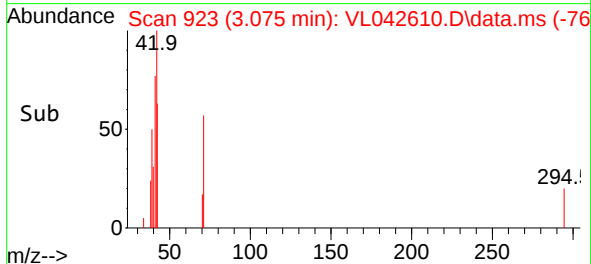
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2025



Tgt Ion: 42 Resp: 1129
Ion Ratio Lower Upper
42 100
72 41.7 28.9 43.3
71 0.0 28.5 42.7

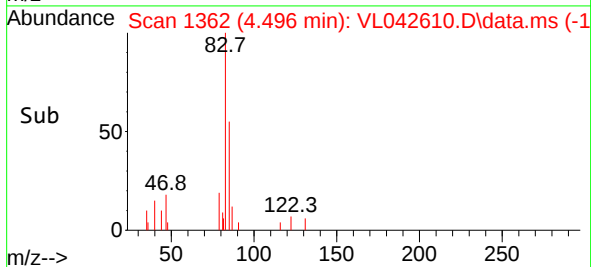
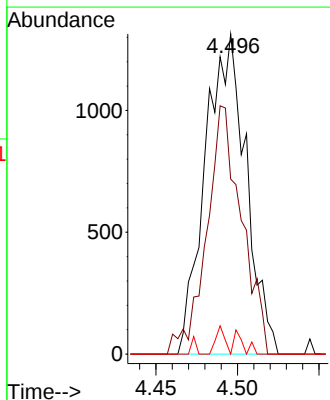
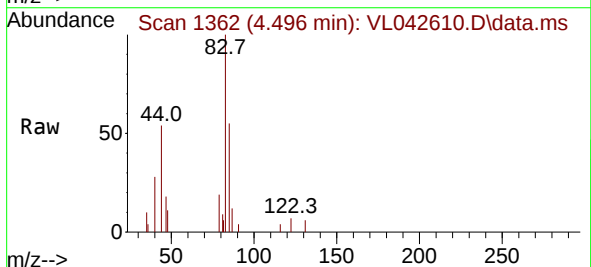
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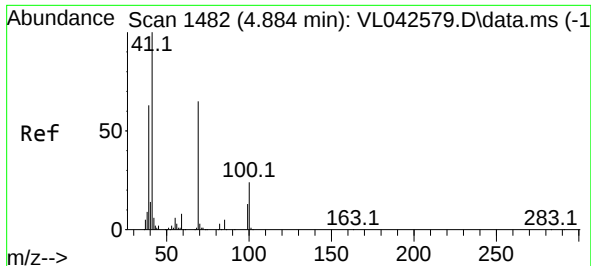
Reviewed By :Semsettin Yesilyurt 06/04/2025
Supervised By :Mahesh Dadoda 06/06/2025



#42
Bromodichloromethane
Concen: 0.124 ppbv
RT: 4.496 min Scan# 1362
Delta R.T. -0.000 min
Lab File: VL042610.D
Acq: 03 Jun 2025 14:40

Tgt Ion: 83 Resp: 2281
Ion Ratio Lower Upper
83 100
85 54.6 52.7 79.1
127 0.0 5.8 8.6





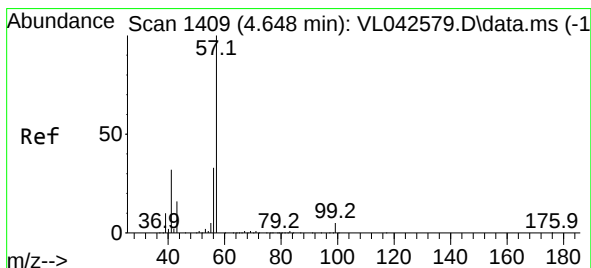
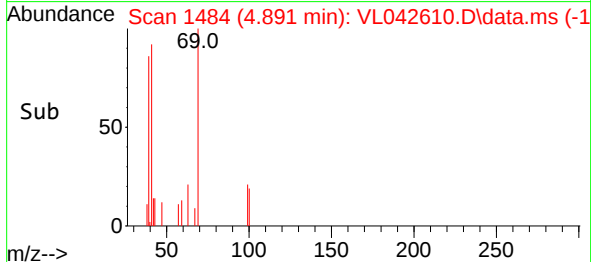
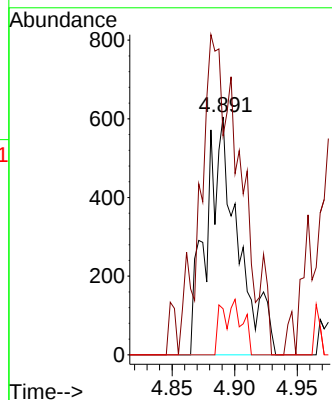
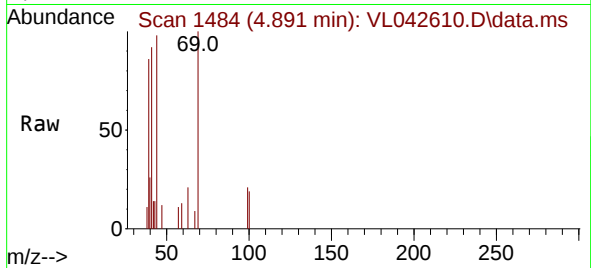
#43
Methyl Methacrylate
Concen: 0.106 ppbv m
RT: 4.891 min Scan# 1482
Delta R.T. 0.006 min
Lab File: VL042610.D
Acq: 03 Jun 2025 14:40

Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2025

Tgt Ion: 69 Resp: 107
Ion Ratio Lower Upper
69 100
41 171.4 124.6 187.0
100 0.0 29.9 44.9

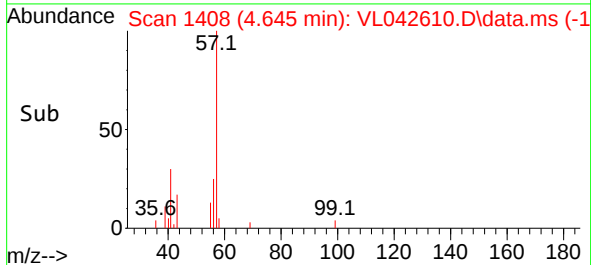
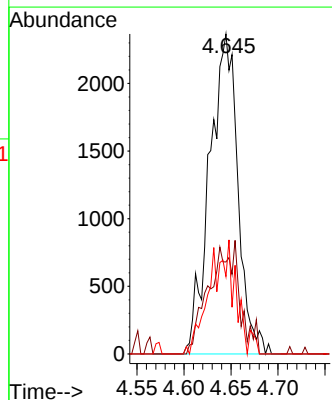
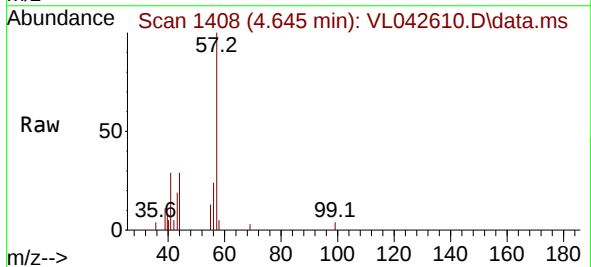
Manual Integrations
APPROVED

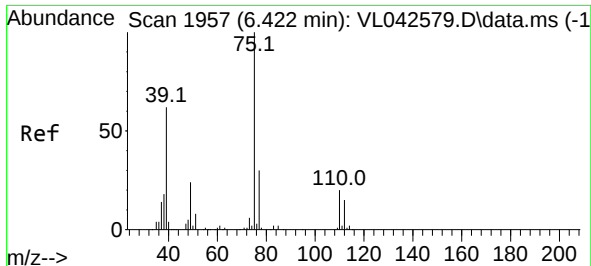
Reviewed By :Semsettin Yesilyurt 06/04/2025
Supervised By :Mahesh Dadoda 06/06/2025



#44
2,2,4-Trimethylpentane
Concen: 0.111 ppbv m
RT: 4.645 min Scan# 1408
Delta R.T. -0.003 min
Lab File: VL042610.D
Acq: 03 Jun 2025 14:40

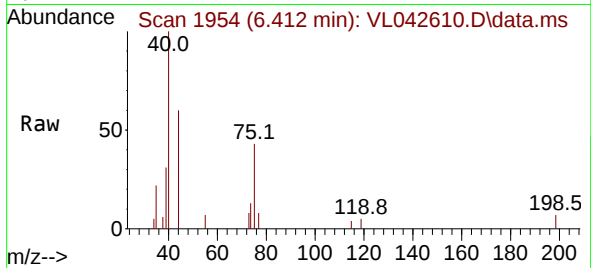
Tgt Ion: 57 Resp: 4943
Ion Ratio Lower Upper
57 100
41 37.6 26.1 39.1
56 33.1 25.9 38.9





#45
t-1,3-Dichloropropene
Concen: 0.095 ppbv m
RT: 6.412 min Scan# 1954
Delta R.T. -0.010 min
Lab File: VL042610.D
Acq: 03 Jun 2025 14:40

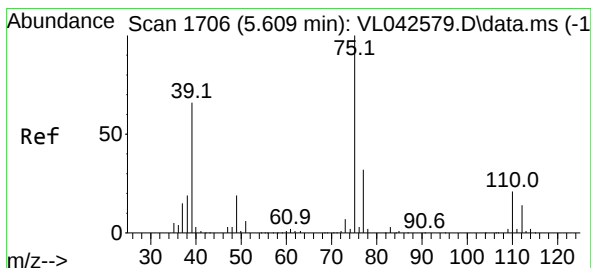
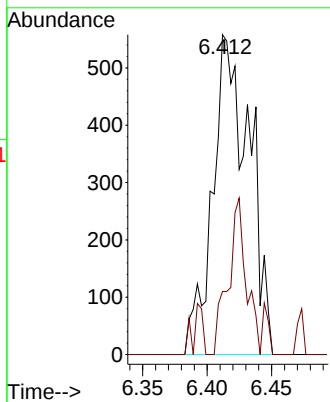
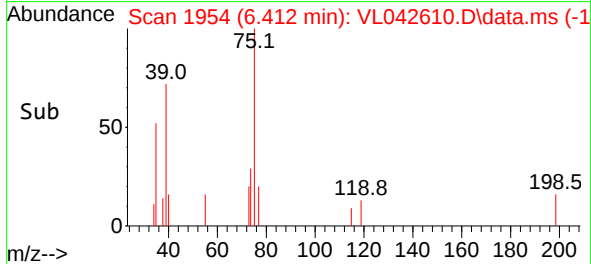
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2025



Tgt Ion: 75 Resp: 1104
Ion Ratio Lower Upper
75 100
77 19.7 24.2 36.2

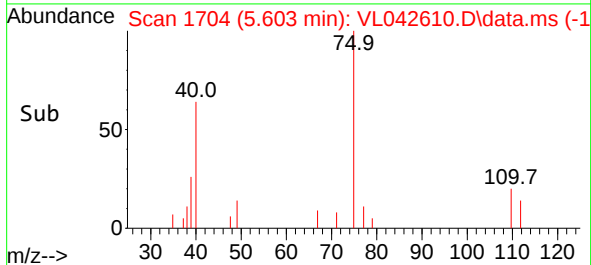
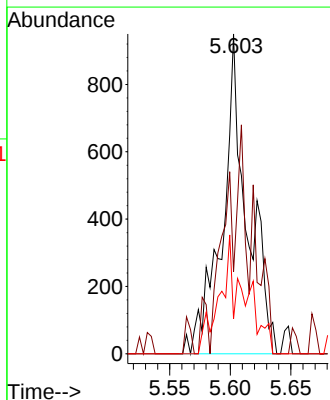
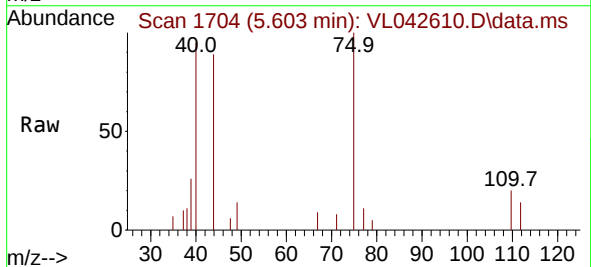
Manual Integrations
APPROVED

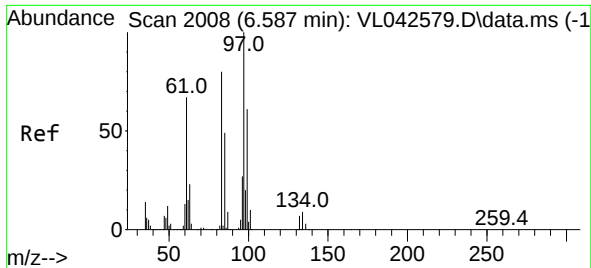
Reviewed By :Semsettin Yesilyurt 06/04/2025
Supervised By :Mahesh Dadoda 06/06/2025



#46
cis-1,3-Dichloropropene
Concen: 0.093 ppbv m
RT: 5.603 min Scan# 1704
Delta R.T. -0.007 min
Lab File: VL042610.D
Acq: 03 Jun 2025 14:40

Tgt Ion: 75 Resp: 1355
Ion Ratio Lower Upper
75 100
39 25.7 52.7 79.1#
77 10.9 25.8 38.8#





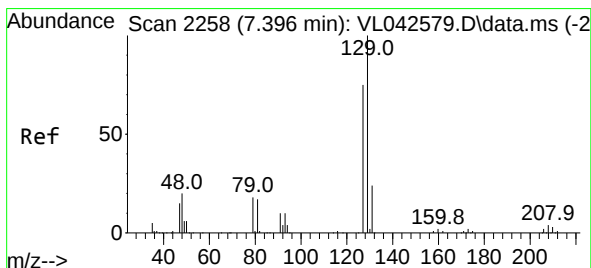
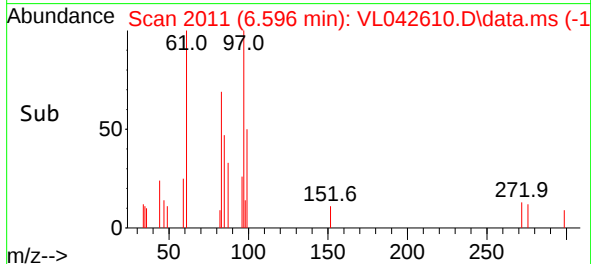
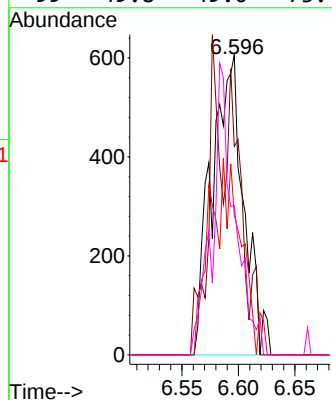
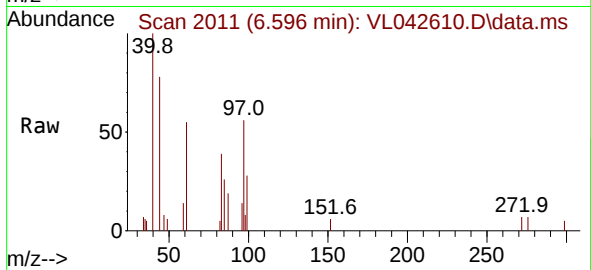
#47
1,1,2-Trichloroethane
Concen: 0.120 ppbv m
RT: 6.596 min Scan# 2008
Delta R.T. 0.010 min
Lab File: VL042610.D
Acq: 03 Jun 2025 14:40

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2025

Tgt Ion: 97 Resp: 1190
Ion Ratio Lower Upper
97 100
83 69.5 63.9 95.9
85 46.7 39.2 58.8
99 49.8 49.0 73.4

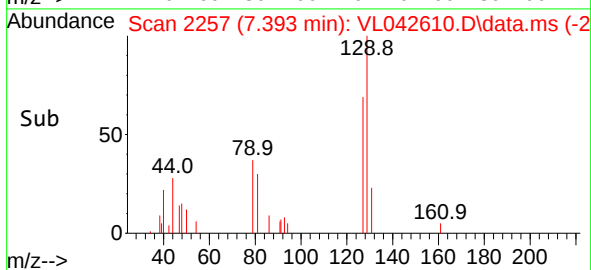
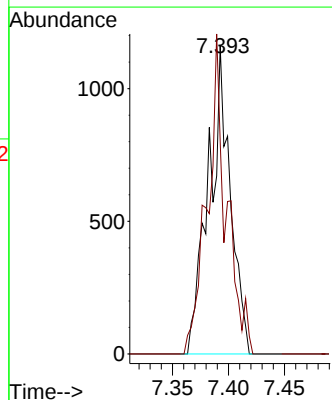
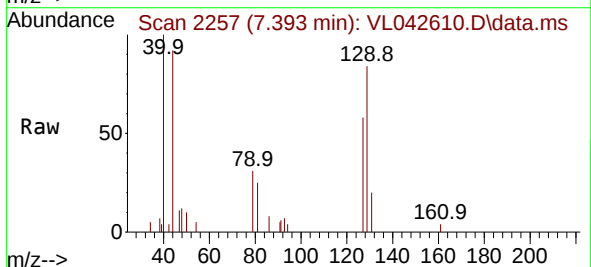
Manual Integrations
APPROVED

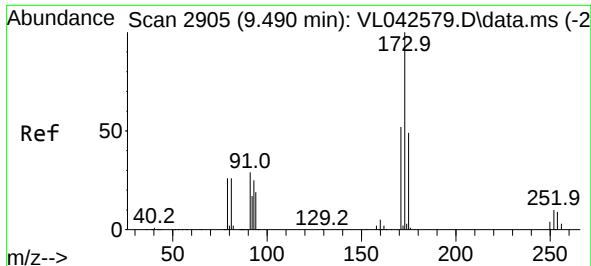
Reviewed By :Semsettin Yesilyurt 06/04/2025
Supervised By :Mahesh Dadoda 06/06/2025



#48
Dibromochloromethane
Concen: 0.098 ppbv m
RT: 7.393 min Scan# 2257
Delta R.T. -0.003 min
Lab File: VL042610.D
Acq: 03 Jun 2025 14:40

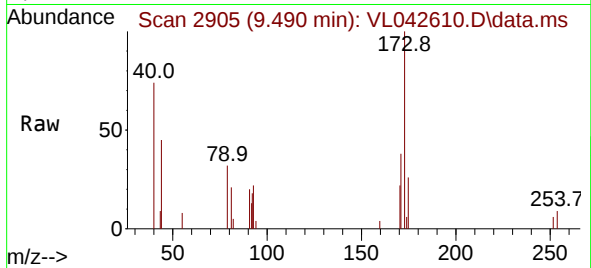
Tgt Ion:129 Resp: 1562
Ion Ratio Lower Upper
129 100
127 91.7 39.0 116.9





#49
Bromoform
Concen: 0.103 ppbv m
RT: 9.490 min Scan# 2905
Delta R.T. -0.000 min
Lab File: VL042610.D
Acq: 03 Jun 2025 14:40

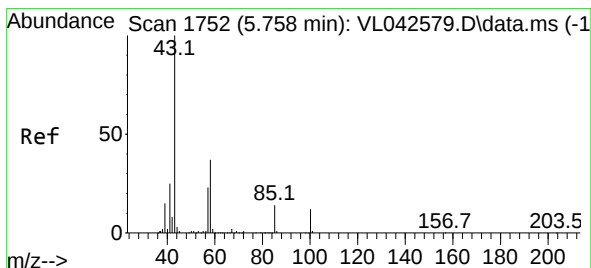
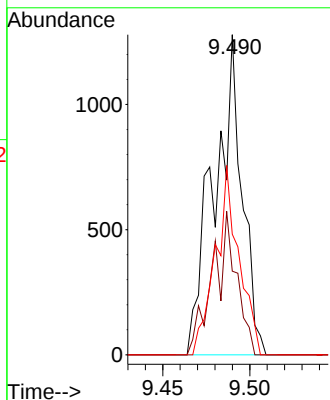
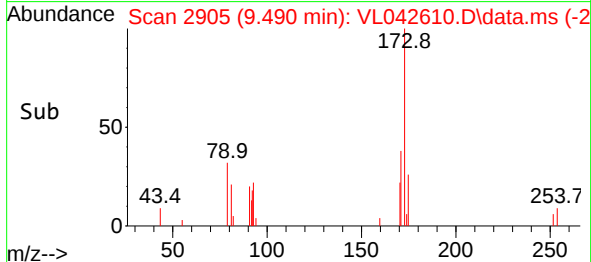
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2025



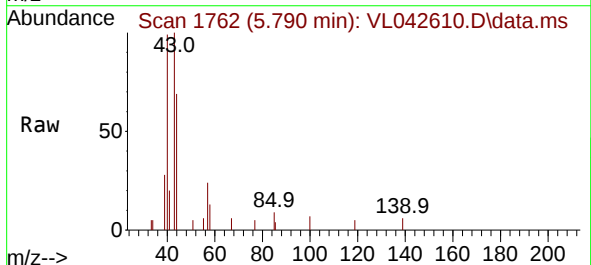
Tgt Ion: 173 Resp: 142
Ion Ratio Lower Upper
173 100
175 0.0 38.7 58.1
171 0.0 41.2 61.8

Manual Integrations
APPROVED

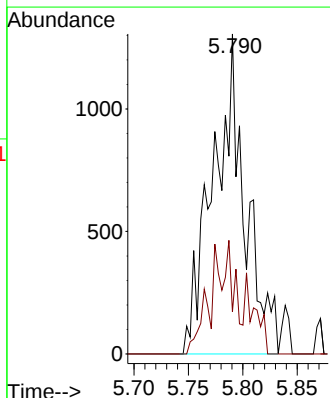
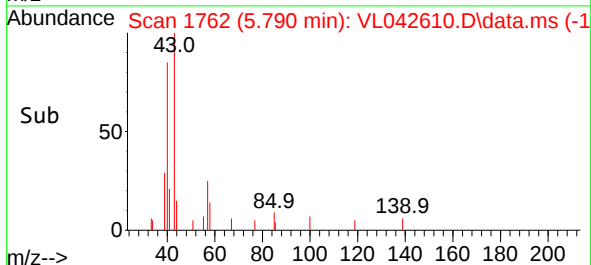
Reviewed By :Semsettin Yesilyurt 06/04/2025
Supervised By :Mahesh Dadoda 06/06/2025

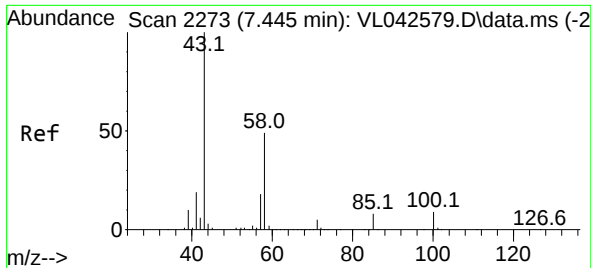


#50
4-Methyl-2-Pentanone
Concen: 0.101 ppbv m
RT: 5.790 min Scan# 1762
Delta R.T. 0.032 min
Lab File: VL042610.D
Acq: 03 Jun 2025 14:40



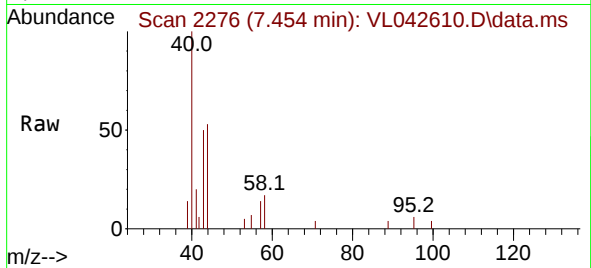
Tgt Ion: 43 Resp: 2651
Ion Ratio Lower Upper
43 100
58 0.0 28.3 42.5





#51
2-Hexanone
Concen: 0.076 ppbv m
RT: 7.454 min Scan# 2154
Delta R.T. 0.010 min
Lab File: VL042610.D
Acq: 03 Jun 2025 14:40

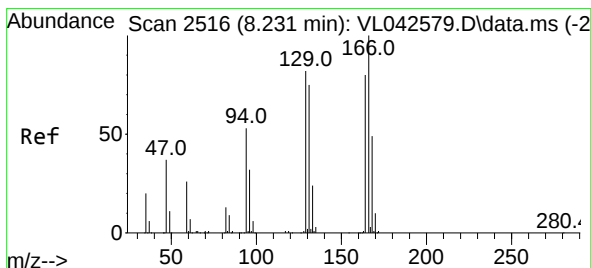
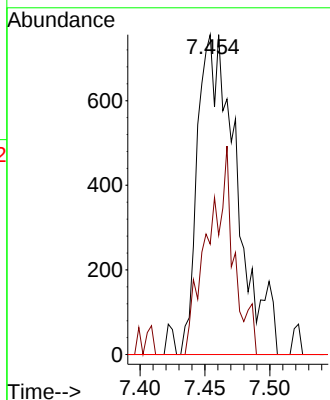
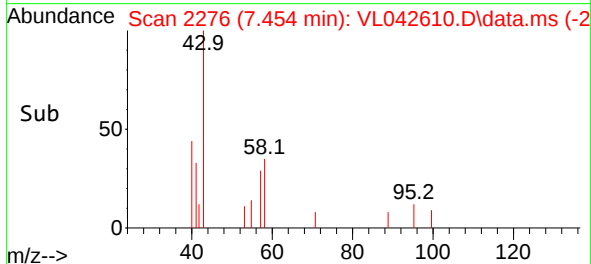
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2025



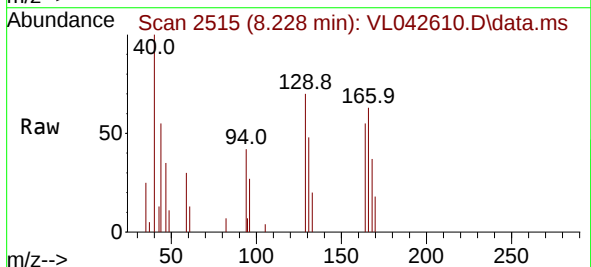
Tgt Ion: 43 Resp: 1584
Ion Ratio Lower Upper
43 100
58 0.0 39.9 59.9
98 0.0 0.1 0.1

Manual Integrations
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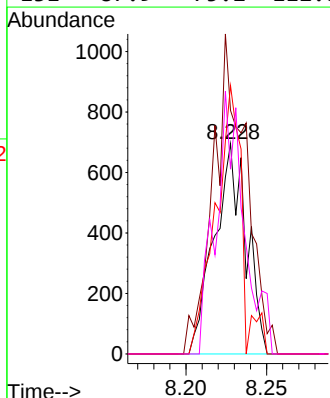
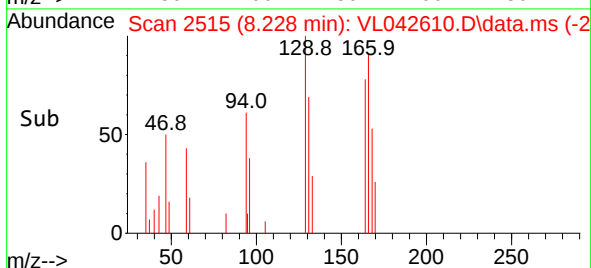
Reviewed By :Semsettin Yesilyurt 06/04/2025
Supervised By :Mahesh Dadoda 06/06/2025

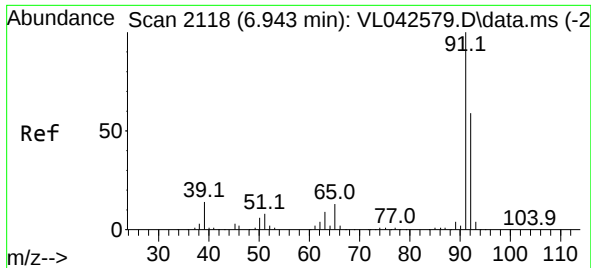


#52
Tetrachloroethene
Concen: 0.098 ppbv m
RT: 8.228 min Scan# 2515
Delta R.T. -0.003 min
Lab File: VL042610.D
Acq: 03 Jun 2025 14:40



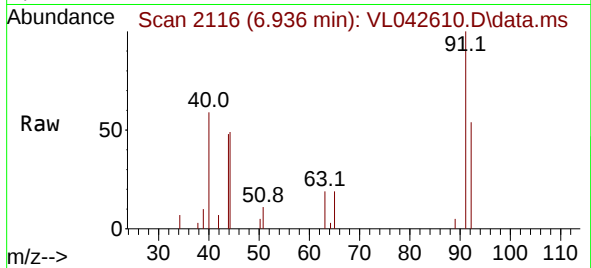
Tgt Ion:164 Resp: 957
Ion Ratio Lower Upper
164 100
166 115.8 100.0 150.0
129 127.6 82.2 123.4#
131 87.9 75.2 112.8





#53
Toluene
Concen: 0.098 ppbv m
RT: 6.936 min Scan# 2116
Delta R.T. -0.007 min
Lab File: VL042610.D
Acq: 03 Jun 2025 14:40

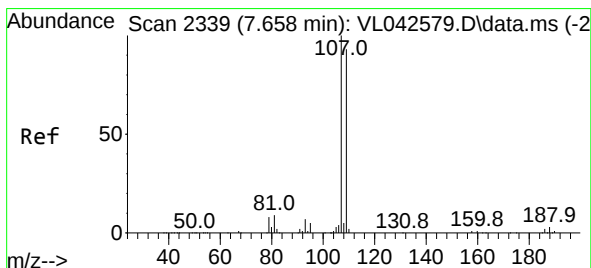
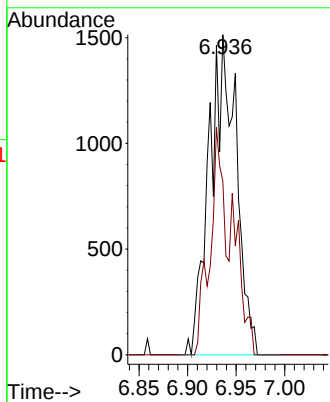
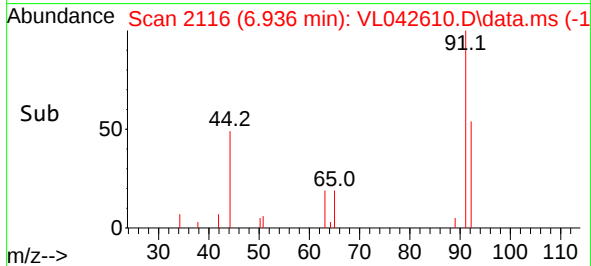
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2025



Tgt Ion: 91 Resp: 2944
Ion Ratio Lower Upper
91 100
92 0.0 48.2 72.4

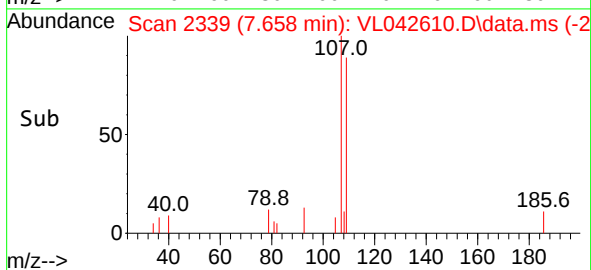
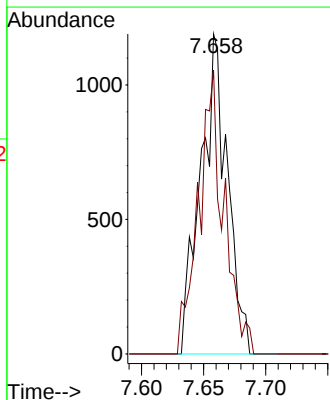
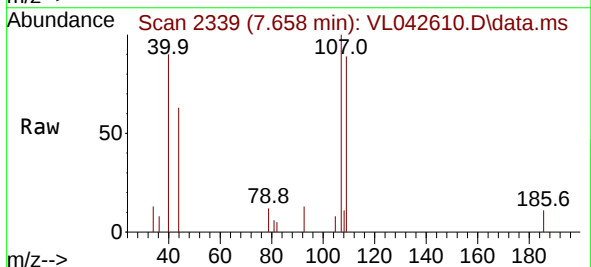
Manual Integrations
APPROVED

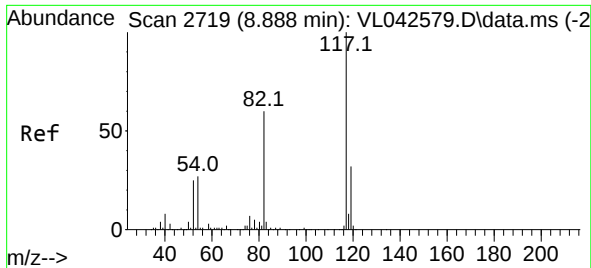
Reviewed By :Semsettin Yesilyurt 06/04/2025
Supervised By :Mahesh Dadoda 06/06/2025



#54
1,2-Dibromoethane
Concen: 0.121 ppbv m
RT: 7.658 min Scan# 2339
Delta R.T. -0.000 min
Lab File: VL042610.D
Acq: 03 Jun 2025 14:40

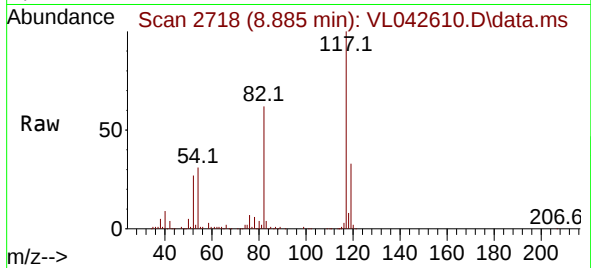
Tgt Ion:107 Resp: 1785
Ion Ratio Lower Upper
107 100
109 88.7 74.3 111.5





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.885 min Scan# 2719
Delta R.T. -0.003 min
Lab File: VL042610.D
Acq: 03 Jun 2025 14:40

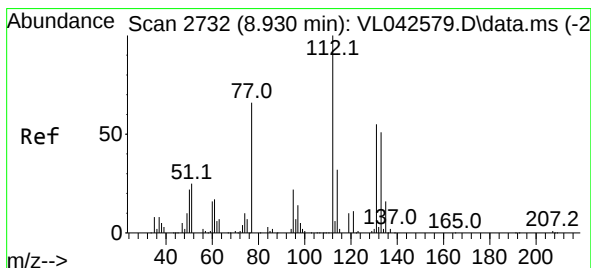
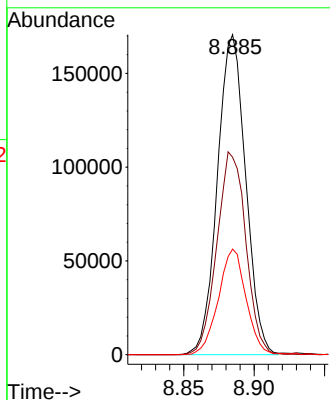
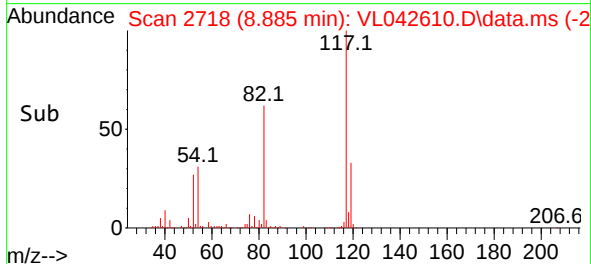
Instrument : MSVOA_L
ClientSampleId : LOD-MDL-AIR-01-QT2-2025



Tgt Ion:117 Resp: 23848
Ion Ratio Lower Upper
117 100
82 65.0 51.2 76.8
119 32.6 26.3 39.5

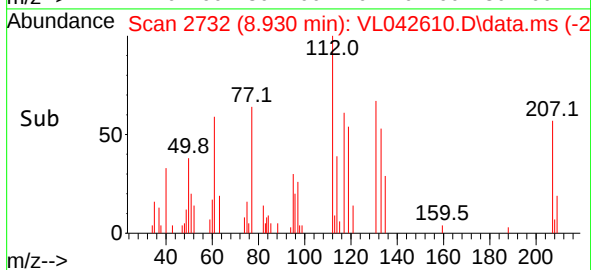
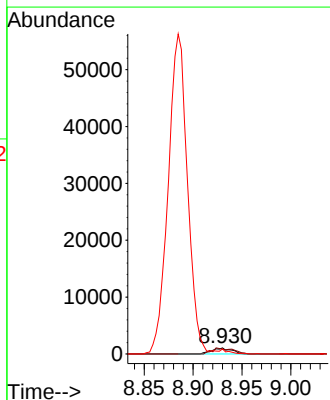
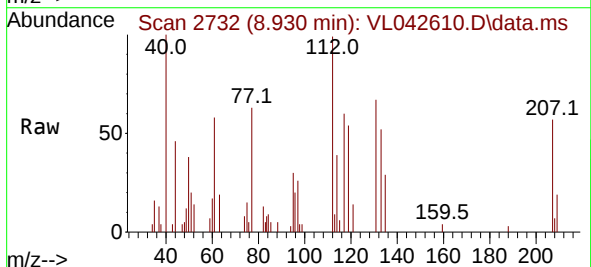
Manual Integrations
APPROVED

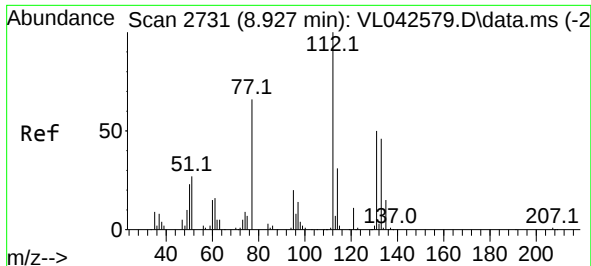
Reviewed By :Semsettin Yesilyurt 06/04/2025
Supervised By :Mahesh Dadoda 06/06/2025



#56
1,1,1,2-Tetrachloroethane
Concen: 0.119 ppbv m
RT: 8.930 min Scan# 2732
Delta R.T. -0.000 min
Lab File: VL042610.D
Acq: 03 Jun 2025 14:40

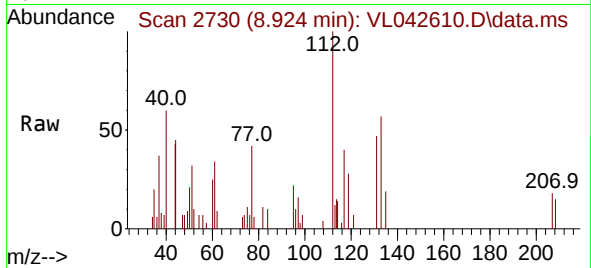
Tgt Ion:131 Resp: 1431
Ion Ratio Lower Upper
131 100
133 0.0 75.0 112.6#
119 0.0 50.8 76.2#





#57
Chlorobenzene
Concen: 0.118 ppbv
RT: 8.924 min Scan# 2731
Delta R.T. -0.003 min
Lab File: VL042610.D
Acq: 03 Jun 2025 14:40

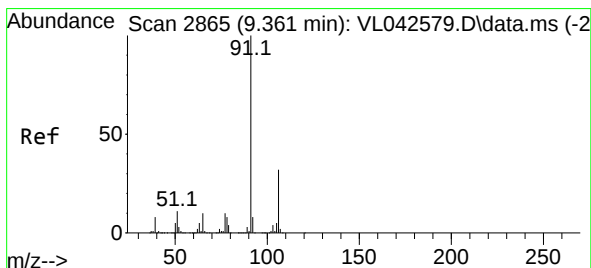
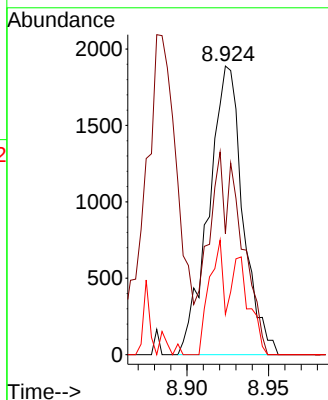
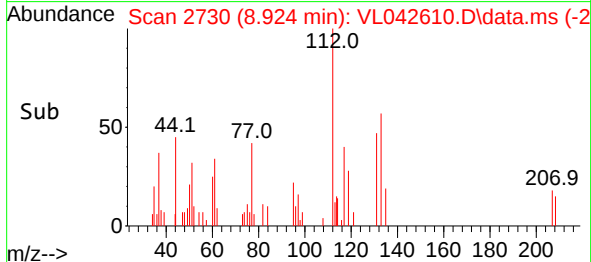
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2025



Tgt Ion:112 Resp: 2743
Ion Ratio Lower Upper
112 100
77 42.0 53.5 80.3
114 14.0 27.8 34.0

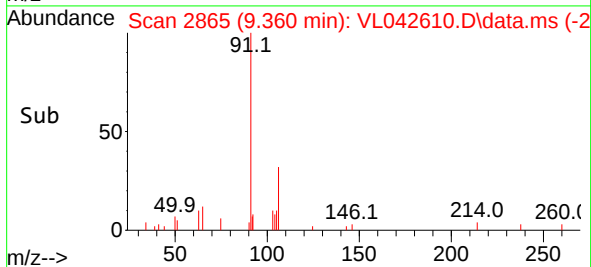
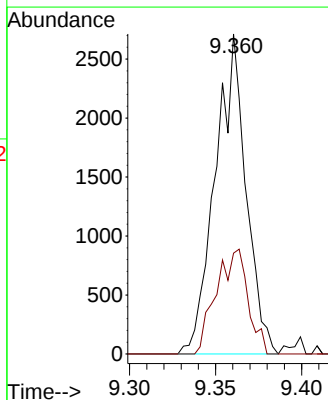
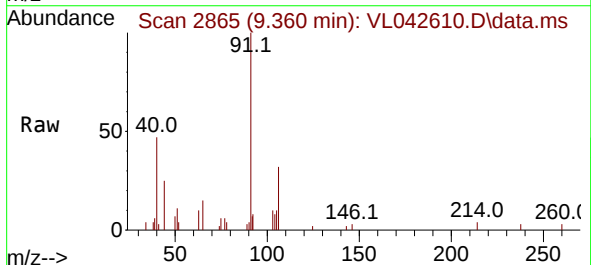
Manual Integrations
APPROVED

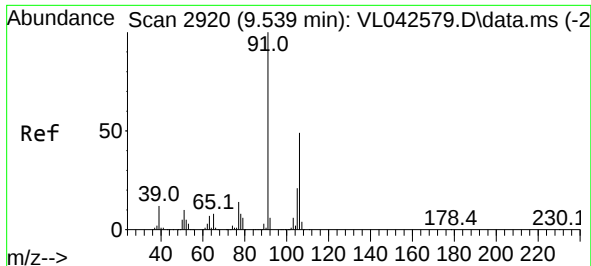
Reviewed By :Semsettin Yesilyurt 06/04/2025
Supervised By :Mahesh Dadoda 06/06/2025



#58
Ethyl Benzene
Concen: 0.083 ppbv
RT: 9.360 min Scan# 2865
Delta R.T. -0.000 min
Lab File: VL042610.D
Acq: 03 Jun 2025 14:40

Tgt Ion: 91 Resp: 3373
Ion Ratio Lower Upper
91 100
106 31.5 25.9 38.9





#59

m/p-Xylene

Concen: 0.161 ppbv m

RT: 9.555 min Scan# 2920

Delta R.T. 0.016 min

Lab File: VL042610.D

Acq: 03 Jun 2025 14:40

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT2-2025

Tgt Ion: 91 Resp: 511

Ion Ratio Lower Upper

91 100

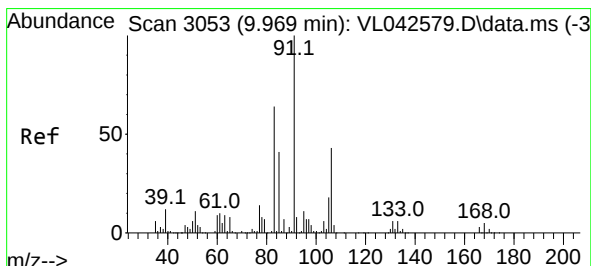
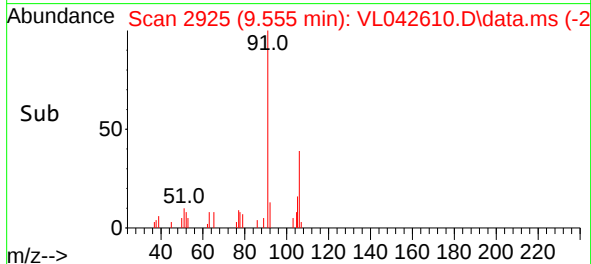
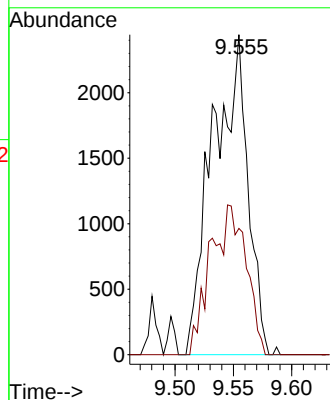
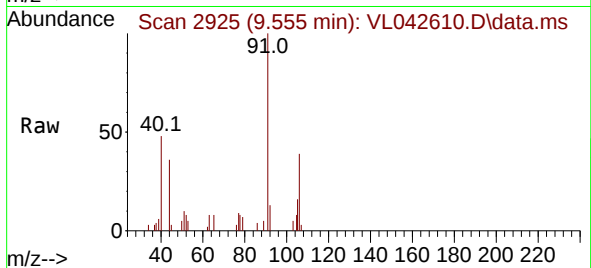
106 0.0 38.8 58.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/04/2025

Supervised By :Mahesh Dadoda 06/06/2025



#60

o-Xylene

Concen: 0.073 ppbv m

RT: 9.969 min Scan# 3053

Delta R.T. -0.000 min

Lab File: VL042610.D

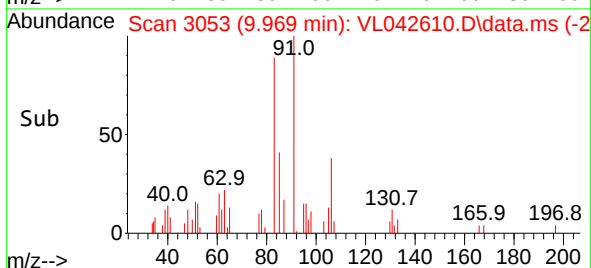
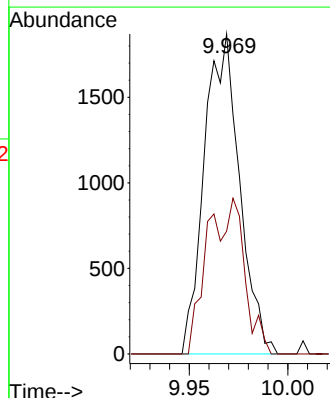
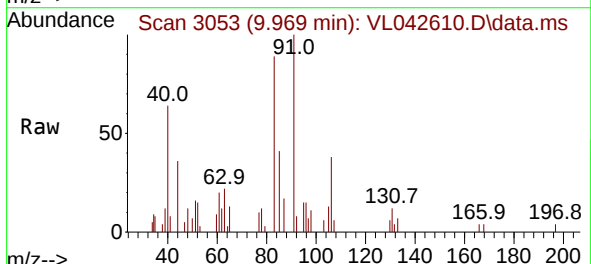
Acq: 03 Jun 2025 14:40

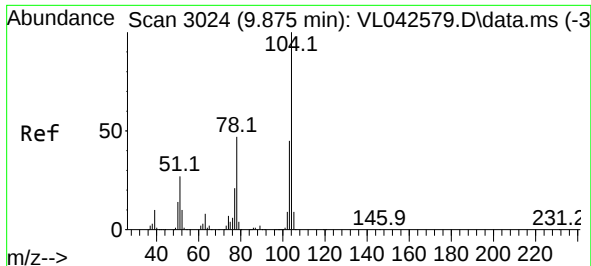
Tgt Ion: 91 Resp: 2325

Ion Ratio Lower Upper

91 100

106 0.0 22.9 68.5





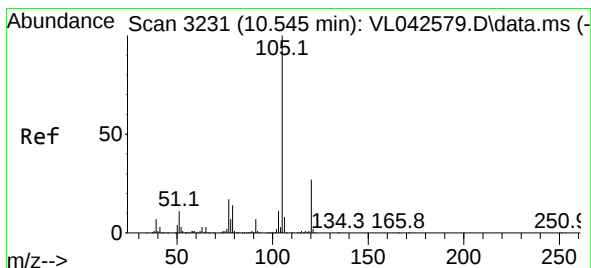
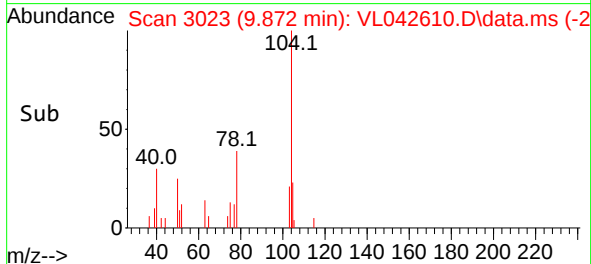
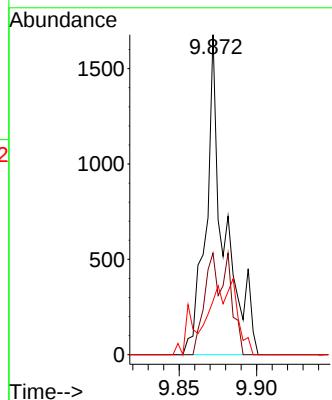
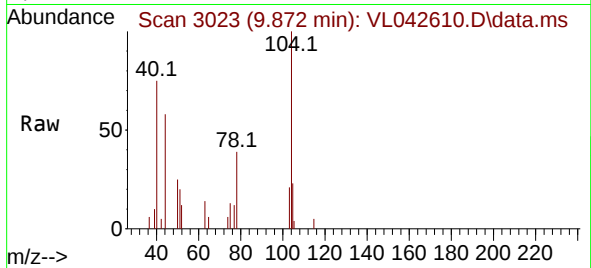
#61
Styrene
Concen: 0.090 ppbv m
RT: 9.872 min Scan# 3024
Delta R.T. -0.003 min
Lab File: VL042610.D
Acq: 03 Jun 2025 14:40

Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2025

Tgt Ion:104 Resp: 135
Ion Ratio Lower Upper
104 100
78 41.9 38.2 57.4
103 0.0 36.7 55.1

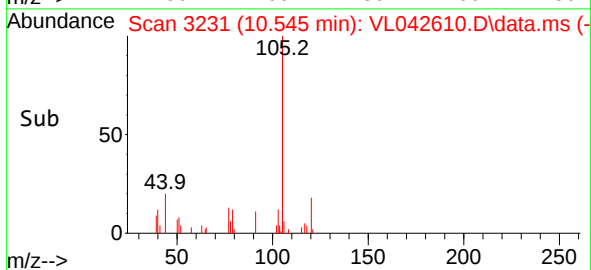
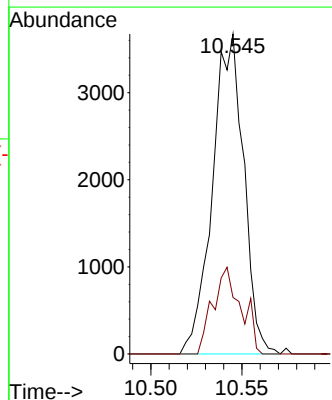
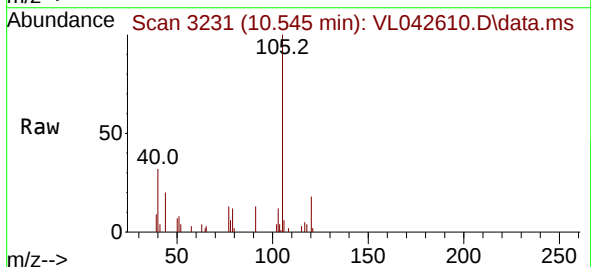
Manual Integrations
APPROVED

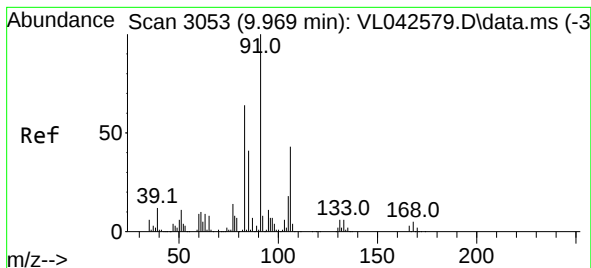
Reviewed By :Semsettin Yesilyurt 06/04/2025
Supervised By :Mahesh Dadoda 06/06/2025



#62
Isopropylbenzene
Concen: 0.093 ppbv
RT: 10.545 min Scan# 3231
Delta R.T. -0.000 min
Lab File: VL042610.D
Acq: 03 Jun 2025 14:40

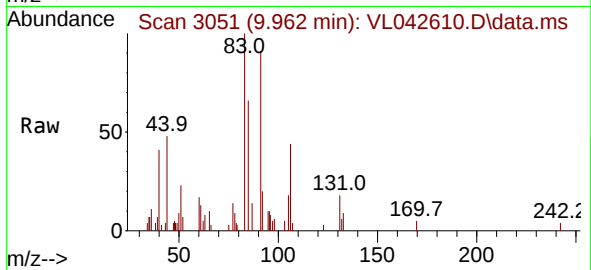
Tgt Ion:105 Resp: 4380
Ion Ratio Lower Upper
105 100
120 24.5 20.9 31.3





#63
1,1,2,2-Tetrachloroethane
Concen: 0.124 ppbv
RT: 9.962 min Scan# 3051
Delta R.T. -0.007 min
Lab File: VL042610.D
Acq: 03 Jun 2025 14:40

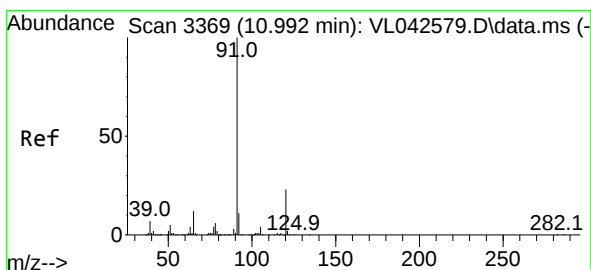
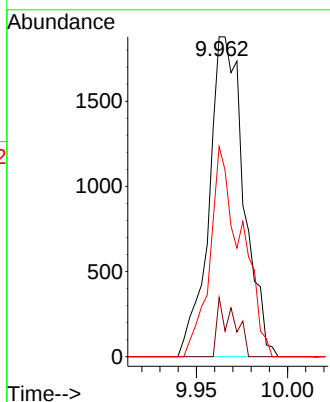
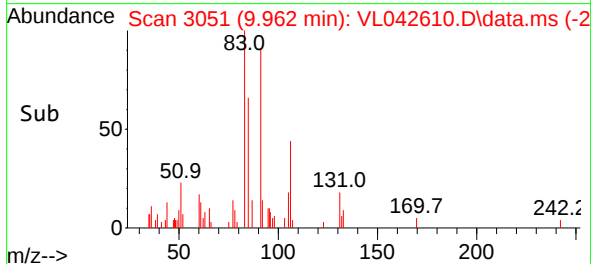
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2025



Tgt Ion: 83 Resp: 2490
Ion Ratio Lower Upper
83 100
131 8.9 4.8 14.4
85 59.3 32.5 97.4

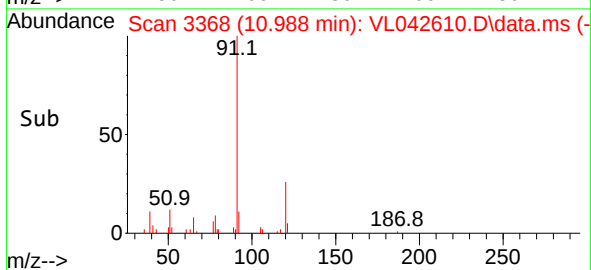
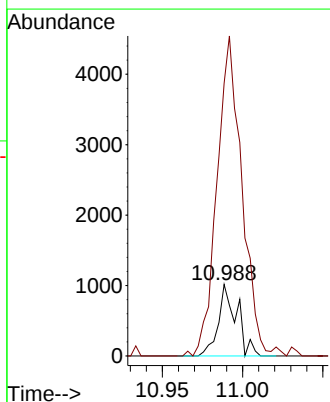
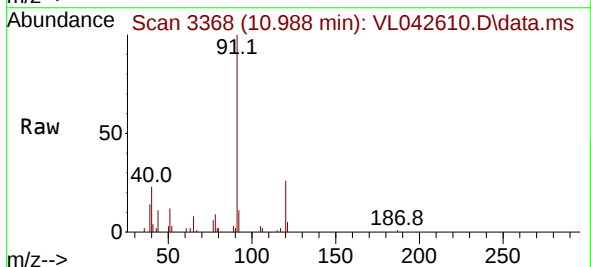
Manual Integrations
APPROVED

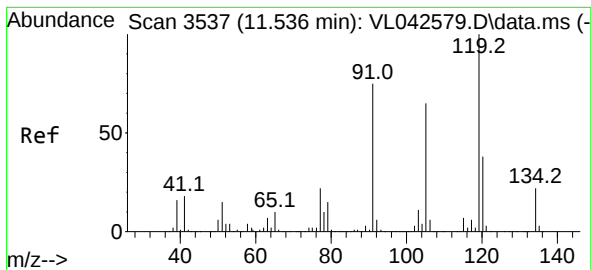
Reviewed By :Semsettin Yesilyurt 06/04/2025
Supervised By :Mahesh Dadoda 06/06/2025



#64
n-propylbenzene
Concen: 0.065 ppbv m
RT: 10.988 min Scan# 3368
Delta R.T. -0.003 min
Lab File: VL042610.D
Acq: 03 Jun 2025 14:40

Tgt Ion:120 Resp: 818
Ion Ratio Lower Upper
120 100
91 606.2 363.0 544.6#





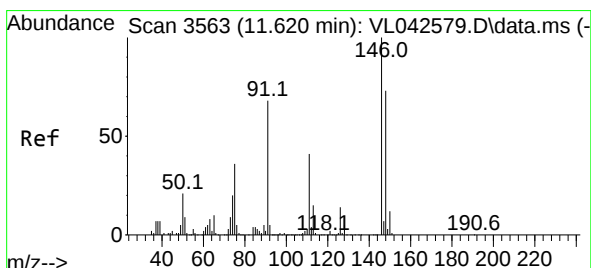
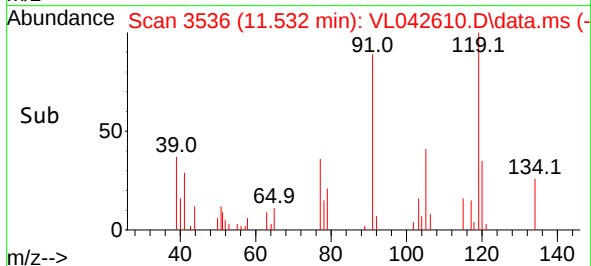
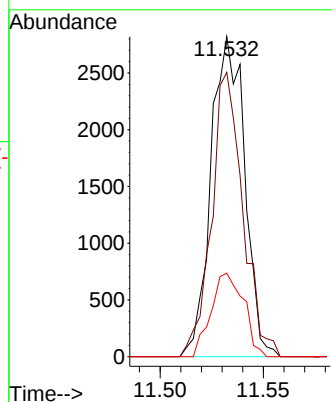
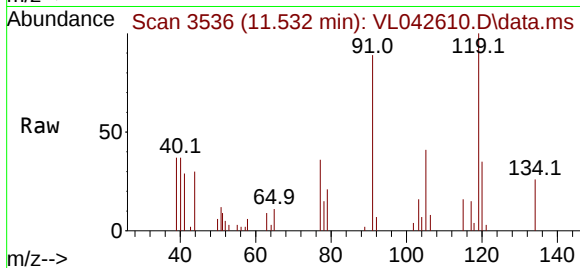
#65
tert-Butylbenzene
Concen: 0.075 ppbv
RT: 11.532 min Scan# 3536
Delta R.T. -0.003 min
Lab File: VL042610.D
Acq: 03 Jun 2025 14:40

Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2025

Tgt Ion: 119 Resp: 319
Ion Ratio Lower Upper
119 100
91 82.5 61.1 91.7
134 25.3 17.4 26.2

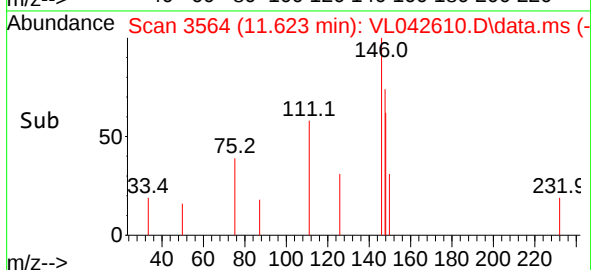
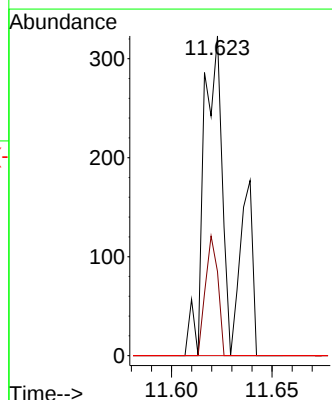
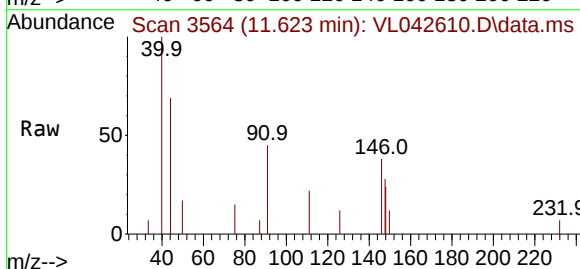
Manual Integrations
APPROVED

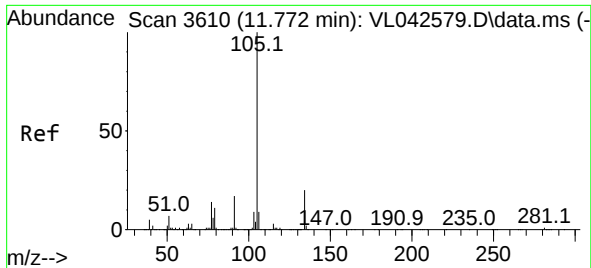
Reviewed By :Semsettin Yesilyurt 06/04/2025
Supervised By :Mahesh Dadoda 06/06/2025



#66
Benzyl Chloride
Concen: 0.051 ppbv m
RT: 11.623 min Scan# 3564
Delta R.T. 0.003 min
Lab File: VL042610.D
Acq: 03 Jun 2025 14:40

Tgt Ion: 91 Resp: 278
Ion Ratio Lower Upper
91 100
126 18.7 15.1 22.7
128 0.0 5.0 7.6#





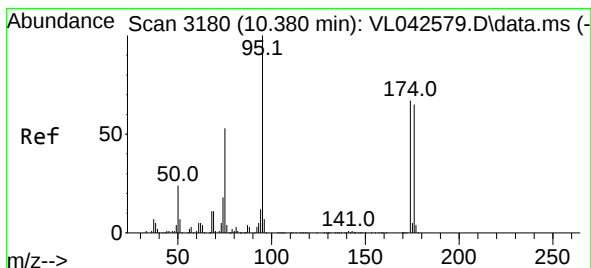
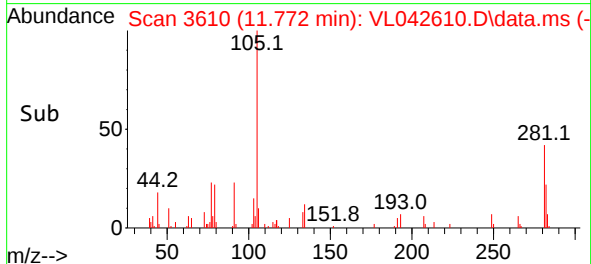
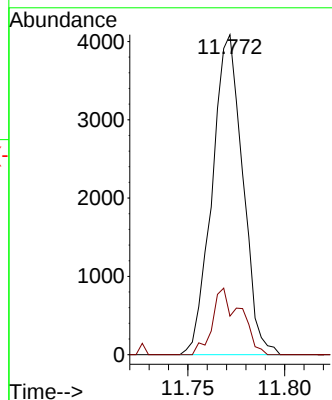
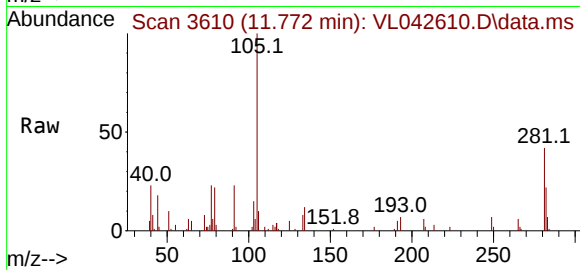
#67
 sec-Butylbenzene
 Concen: 0.075 ppbv
 RT: 11.772 min Scan# 3610
 Delta R.T. -0.000 min
 Lab File: VL042610.D
 Acq: 03 Jun 2025 14:40

Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT2-2025

Tgt Ion:105 Resp: 449
 Ion Ratio Lower Upper
 105 100
 134 19.1 15.8 23.6

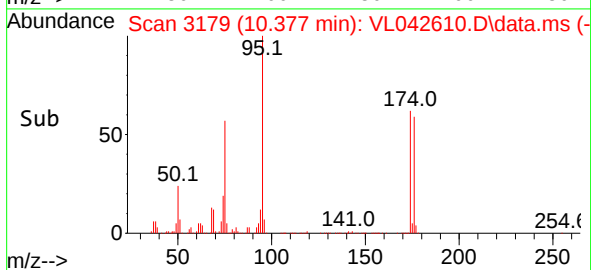
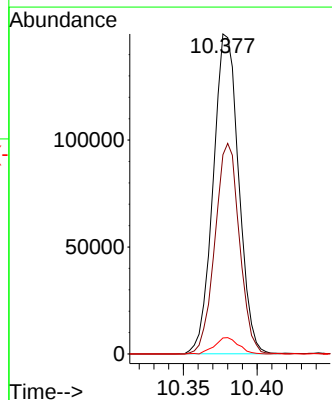
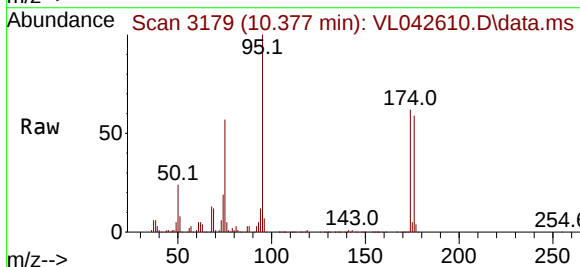
Manual Integrations
 APPROVED

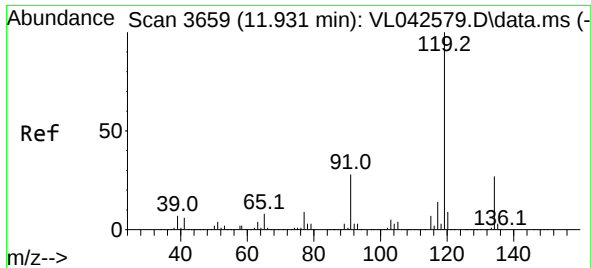
Reviewed By :Semsettin Yesilyurt 06/04/2025
 Supervised By :Mahesh Dadoda 06/06/2025



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.047 ppbv
 RT: 10.377 min Scan# 3179
 Delta R.T. -0.003 min
 Lab File: VL042610.D
 Acq: 03 Jun 2025 14:40

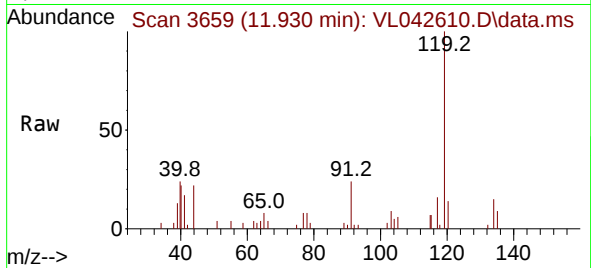
Tgt Ion: 95 Resp: 179621
 Ion Ratio Lower Upper
 95 100
 174 63.2 53.1 79.7
 175 4.8 4.2 6.2





#69
p-Isopropyltoluene
Concen: 0.067 ppbv
RT: 11.930 min Scan# 3659
Delta R.T. -0.000 min
Lab File: VL042610.D
Acq: 03 Jun 2025 14:40

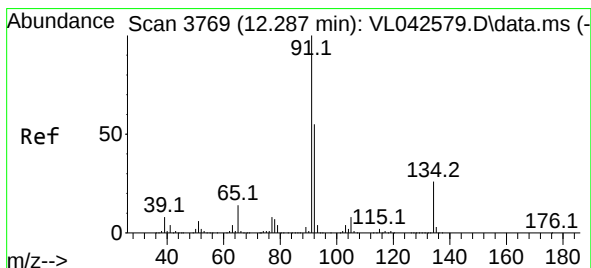
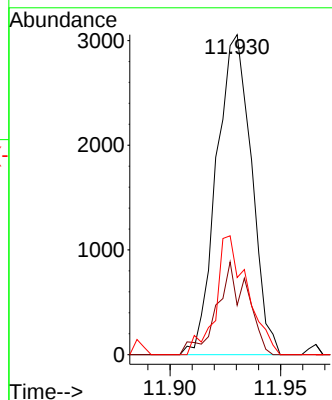
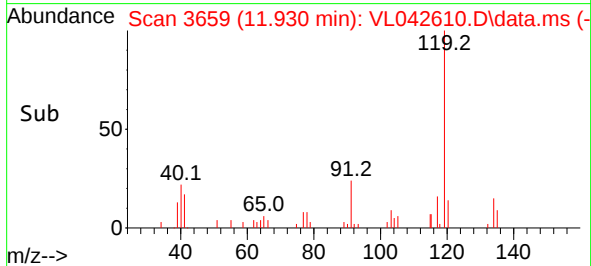
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2025



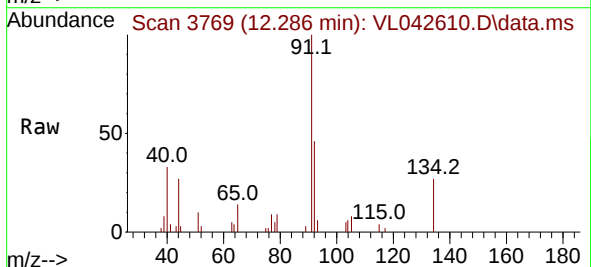
Tgt Ion: 119 Resp: 3348
Ion Ratio Lower Upper
119 100
134 25.3 21.1 31.7
91 33.6 21.9 32.9

Manual Integrations
APPROVED

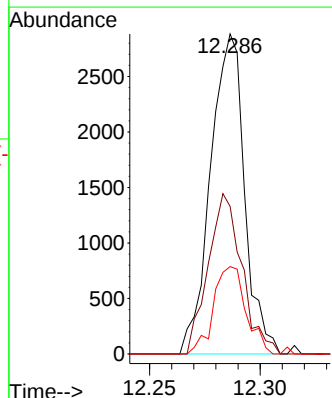
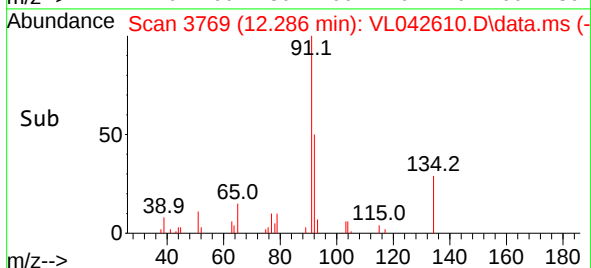
Reviewed By :Semsettin Yesilyurt 06/04/2025
Supervised By :Mahesh Dadoda 06/06/2025

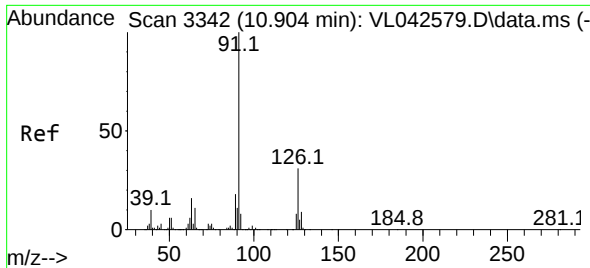


#70
n-Butylbenzene
Concen: 0.062 ppbv
RT: 12.286 min Scan# 3769
Delta R.T. -0.000 min
Lab File: VL042610.D
Acq: 03 Jun 2025 14:40



Tgt Ion: 91 Resp: 3083
Ion Ratio Lower Upper
91 100
92 49.6 44.4 66.6
134 26.5 20.1 30.1





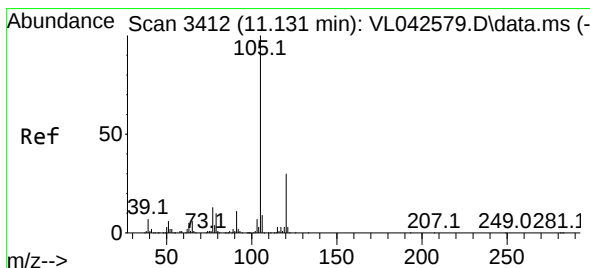
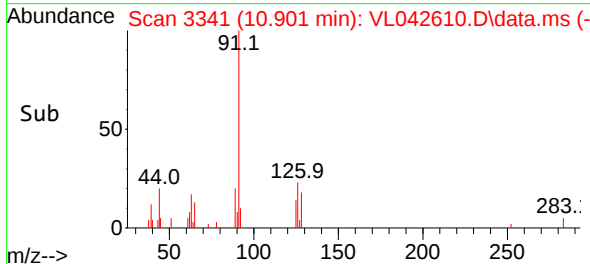
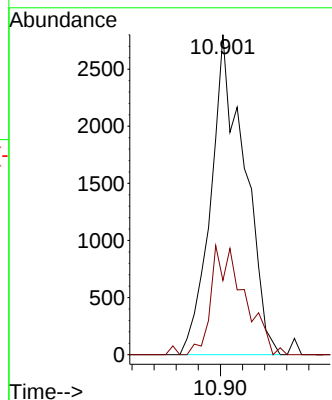
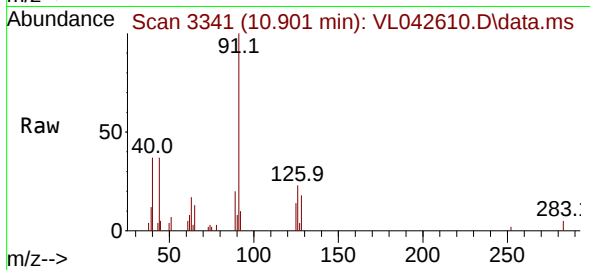
#71
2-Chlorotoluene
Concen: 0.083 ppbv
RT: 10.901 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL042610.D
Acq: 03 Jun 2025 14:40

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2025

Tgt Ion: 91 Resp: 297
Ion Ratio Lower Upper
91 100
126 33.7 12.6 50.4

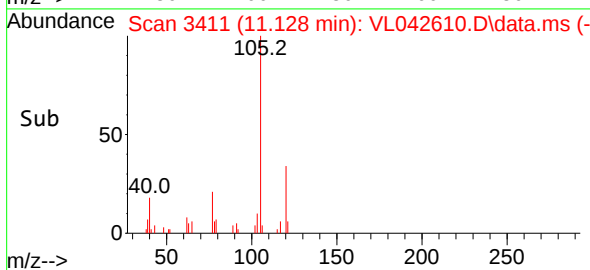
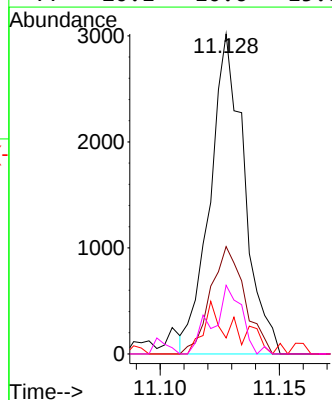
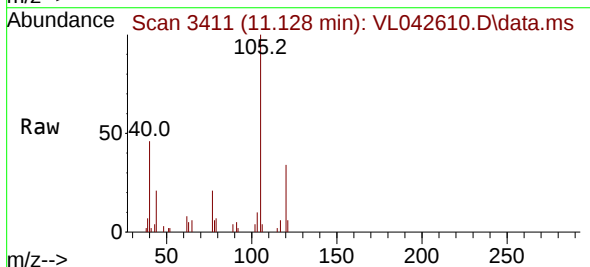
Manual Integrations
APPROVED

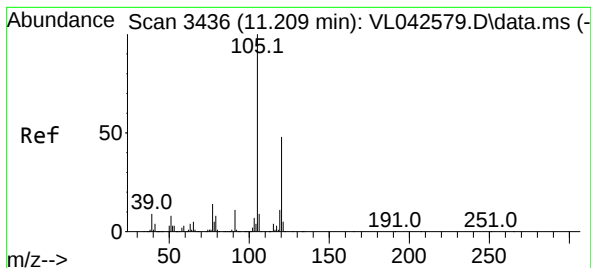
Reviewed By :Semsettin Yesilyurt 06/04/2025
Supervised By :Mahesh Dadoda 06/06/2025



#72
4-Ethyltoluene
Concen: 0.076 ppbv
RT: 11.128 min Scan# 3411
Delta R.T. -0.003 min
Lab File: VL042610.D
Acq: 03 Jun 2025 14:40

Tgt Ion:105 Resp: 3005
Ion Ratio Lower Upper
105 100
120 33.4 24.6 36.8
91 17.1 9.6 14.4#
77 20.1 10.6 15.8#





#73

1,3,5-Trimethylbenzene

Concen: 0.075 ppbv

RT: 11.205 min Scan# 3436

Delta R.T. -0.003 min

Lab File: VL042610.D

Acq: 03 Jun 2025 14:40

Instrument :

MSVOA_L

ClientSampleId :

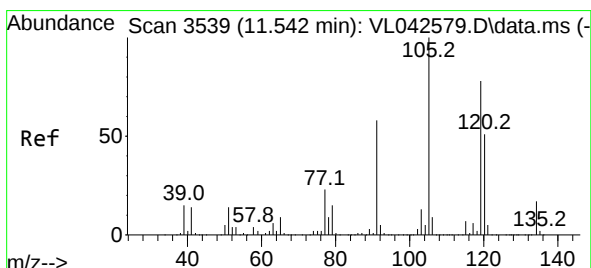
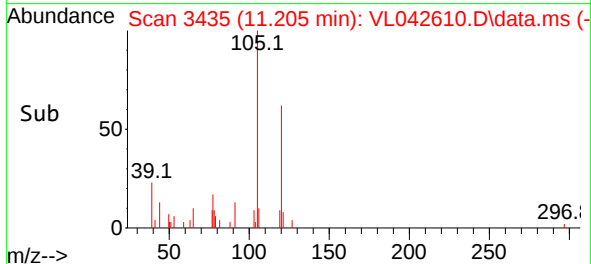
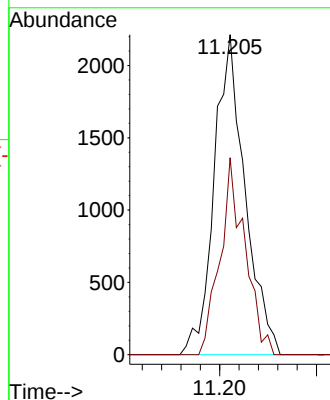
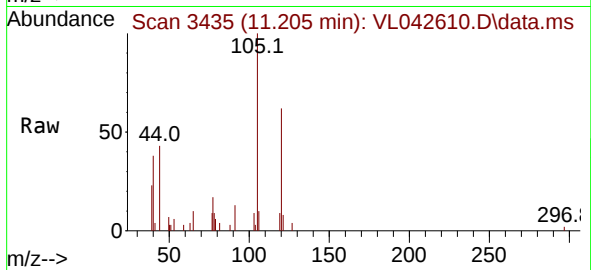
LOD-MDL-AIR-01-QT2-2025

Tgt Ion:105 Resp: 244
 Ion Ratio Lower Upper
 105 100
 120 61.5 38.8 58.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/04/2025
 Supervised By :Mahesh Dadoda 06/06/2025



#74

1,2,4-Trimethylbenzene

Concen: 0.074 ppbv

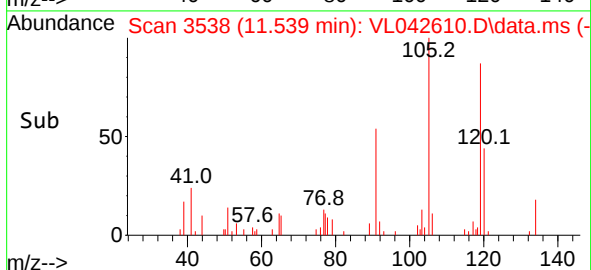
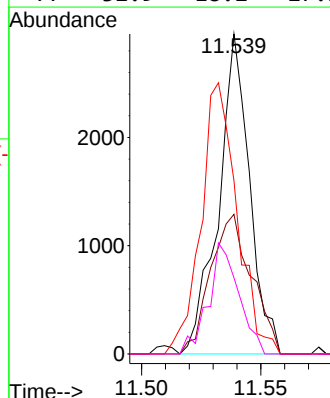
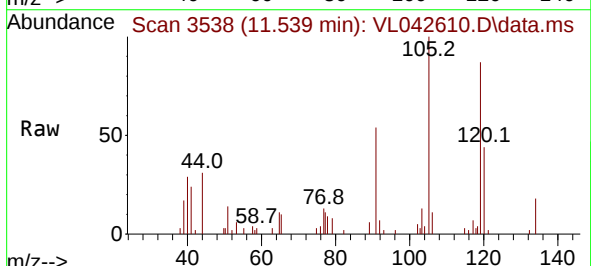
RT: 11.539 min Scan# 3538

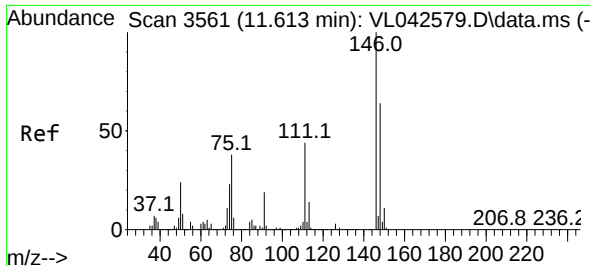
Delta R.T. -0.003 min

Lab File: VL042610.D

Acq: 03 Jun 2025 14:40

Tgt Ion:105 Resp: 2680
 Ion Ratio Lower Upper
 105 100
 120 43.6 40.8 61.2
 91 54.1 46.8 70.2
 77 32.9 18.2 27.2





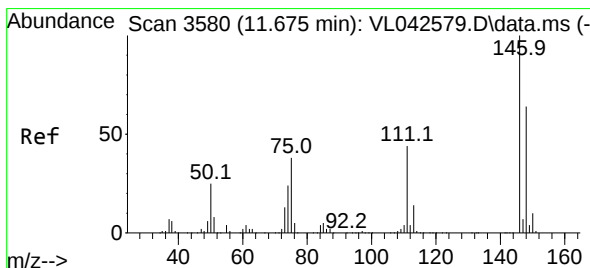
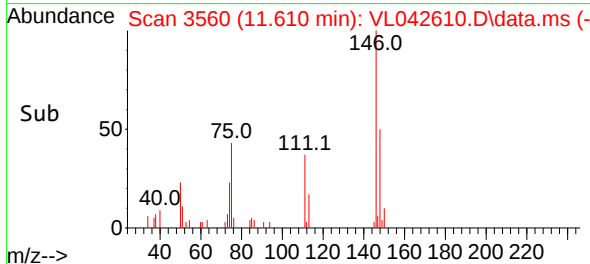
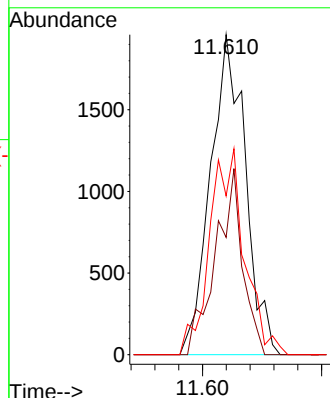
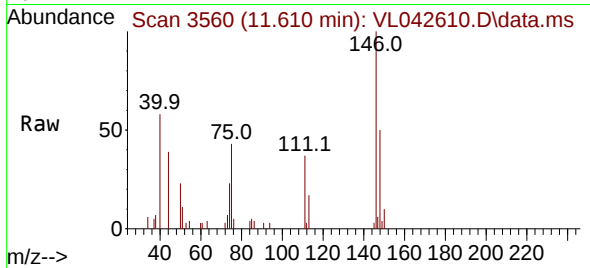
#75
1,3-Dichlorobenzene
Concen: 0.087 ppbv
RT: 11.610 min Scan# 3561
Delta R.T. -0.003 min
Lab File: VL042610.D
Acq: 03 Jun 2025 14:40

Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2025

Tgt Ion:146 Resp: 1990
Ion Ratio Lower Upper
146 100
111 44.8 22.4 67.3
148 63.9 32.0 96.2

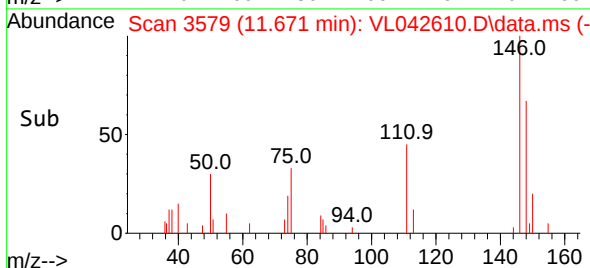
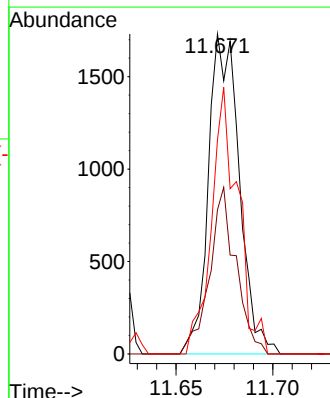
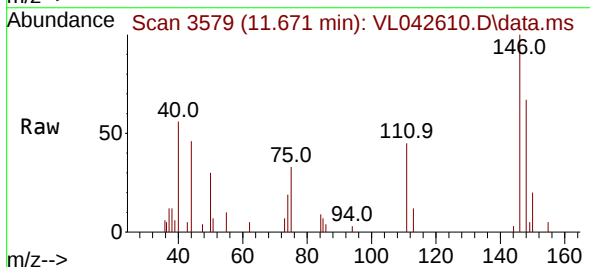
Manual Integrations
APPROVED

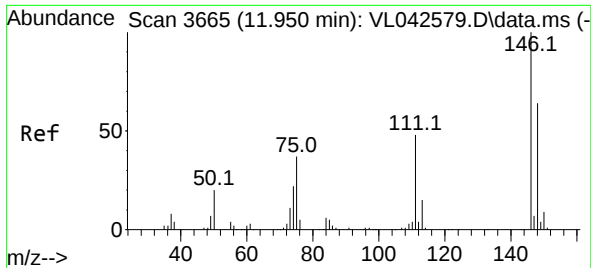
Reviewed By :Semsettin Yesilyurt 06/04/2025
Supervised By :Mahesh Dadoda 06/06/2025



#76
1,4-Dichlorobenzene
Concen: 0.084 ppbv
RT: 11.671 min Scan# 3579
Delta R.T. -0.003 min
Lab File: VL042610.D
Acq: 03 Jun 2025 14:40

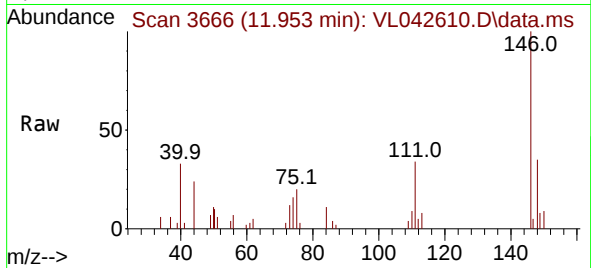
Tgt Ion:146 Resp: 1914
Ion Ratio Lower Upper
146 100
111 44.5 21.6 64.8
148 71.9 32.1 96.5





#77
1,2-Dichlorobenzene
Concen: 0.114 ppbv
RT: 11.953 min Scan# 3666
Delta R.T. 0.003 min
Lab File: VL042610.D
Acq: 03 Jun 2025 14:40

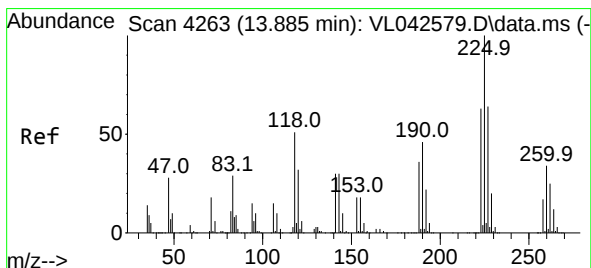
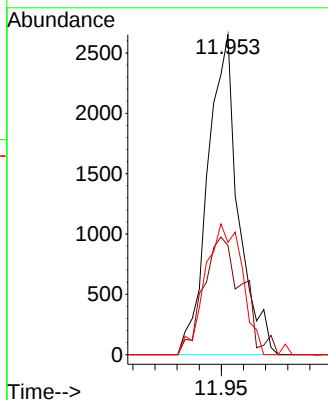
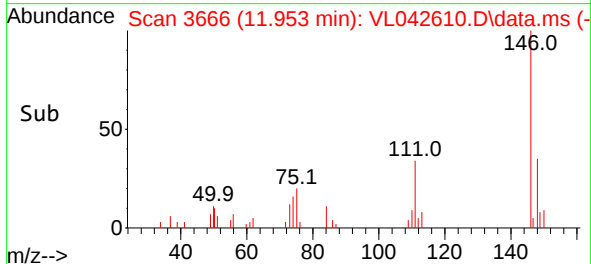
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2025



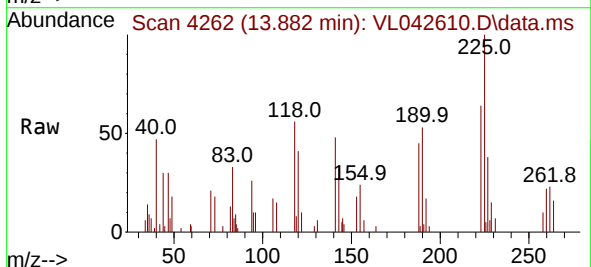
Tgt Ion:146 Resp: 253
Ion Ratio Lower Upper
146 100
111 47.2 23.1 69.3
148 50.4 32.1 96.3

Manual Integrations
APPROVED

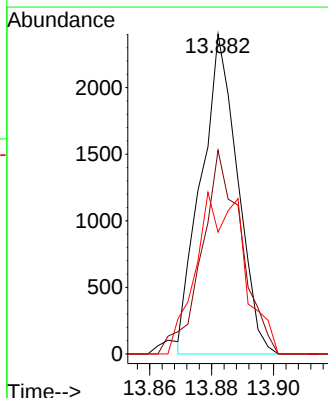
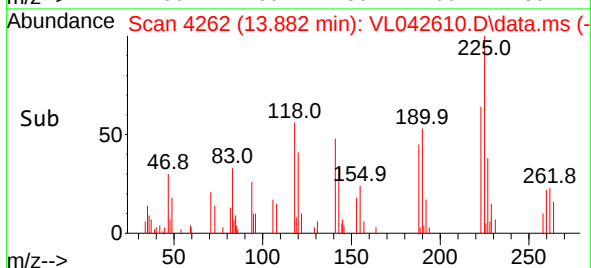
Reviewed By :Semsettin Yesilyurt 06/04/2025
Supervised By :Mahesh Dadoda 06/06/2025

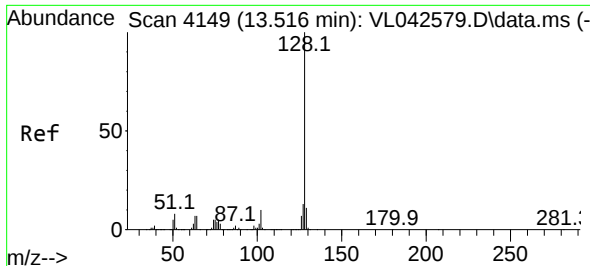


#78
Hexachloro-1,3-Butadiene
Concen: 0.107 ppbv
RT: 13.882 min Scan# 4262
Delta R.T. -0.003 min
Lab File: VL042610.D
Acq: 03 Jun 2025 14:40



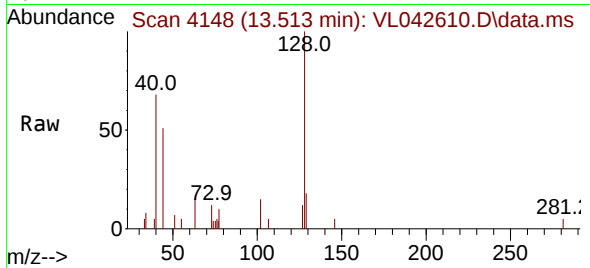
Tgt Ion:225 Resp: 1957
Ion Ratio Lower Upper
225 100
223 69.1 50.2 75.4
227 66.2 51.1 76.7





#79
Naphthalene
Concen: 0.046 ppbv
RT: 13.513 min Scan# 4149
Delta R.T. -0.003 min
Lab File: VL042610.D
Acq: 03 Jun 2025 14:40

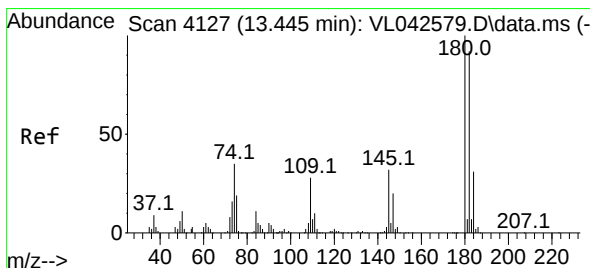
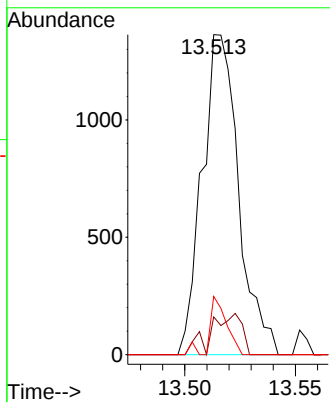
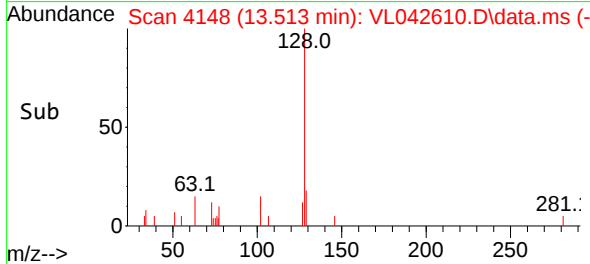
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2025



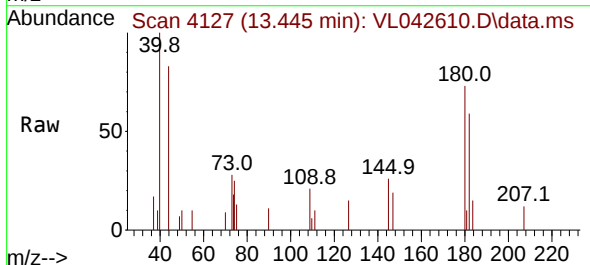
Tgt Ion:128 Resp: 156
Ion Ratio Lower Upper
128 100
127 11.8 10.2 15.4
129 18.2 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 06/04/2025
Supervised By :Mahesh Dadoda 06/06/2025



#81
1,2,4-Trichlorobenzene
Concen: 0.036 ppbv m
RT: 13.445 min Scan# 4127
Delta R.T. -0.000 min
Lab File: VL042610.D
Acq: 03 Jun 2025 14:40



Tgt Ion:180 Resp: 681
Ion Ratio Lower Upper
180 100
182 0.0 75.0 112.4#
184 0.0 24.6 36.8#

