

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092325\
 Data File : VL042993.D
 Acq On : 23 Sep 2025 15:49
 Operator : SY/MD
 Sample : Q2893-14 0.5 PPB LOQ
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 LOQ-AIR-02-QT3-2025

Quant Time: Sep 24 02:23:55 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL092225AIR.M

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

QLast Update : Wed Sep 24 02:23:20 2025

Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 09/24/2025
 Supervised By : Mahesh Dadoda 09/26/2025

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

Internal Standards						
1) Bromochloromethane	2.794	49	150922	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.969	114	406531	10.000	ppbv	0.02
55) Chlorobenzene-d5	8.892	117	354646	10.000	ppbv	0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.384	95	285762	10.794	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	= 107.900%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.502	85	11429	0.563	ppbv	91
3) Chlorodifluoromethane	1.480	51	14490	0.573	ppbv	99
4) Chloromethane	1.538	50	4698	0.511	ppbv	92
5) Vinyl Chloride	1.583	62	4258m	0.513	ppbv	
6) Bromomethane	1.671	94	1677	0.572	ppbv	99
7) Chloroethane	1.706	64	1643	0.509	ppbv	91
8) Dichlorotetrafluoroethane	1.557	85	9528	0.550	ppbv	96
9) Propene	1.486	41	5231	0.475	ppbv	99
10) Heptane	4.991	43	11632m	0.396	ppbv	
11) Trichlorofluoromethane	1.881	101	11333	0.579	ppbv	90
12) 1,1,2-Trichlorotrifluo...	2.143	101	8437	0.532	ppbv	99
13) Ethanol	1.726	45	1004	0.940	ppbv #	35
14) Bromoethene	1.787	108	3240	0.541	ppbv #	86
15) Acetone	1.839	43	14415	0.733	ppbv	99
16) 1,3-Butadiene	1.612	39	4932	0.532	ppbv	97
17) tert-Butyl alcohol	2.046	59	9985	0.463	ppbv #	90
18) 1,1-Dichloroethene	2.040	96	4164	0.568	ppbv	92
19) Isopropyl Alcohol	1.891	45	6991	0.592	ppbv #	68
20) Methylene Chloride	2.066	84	5763	0.700	ppbv #	77
21) Allyl Chloride	2.098	41	7024	0.513	ppbv #	82
22) trans-1,2-Dichloroethene	2.347	96	4698	0.564	ppbv	96
23) Vinyl Acetate	2.467	43	11572	0.412	ppbv #	86
24) 1,1-Dichloroethane	2.415	63	8874	0.543	ppbv #	89
25) Ethyl Acetate	2.846	43	22540	0.454	ppbv	99
26) Hexane	2.833	57	9398	0.415	ppbv #	82
27) Carbon Disulfide	2.156	76	9009	0.444	ppbv #	1
28) Methyl tert-Butyl Ether	2.444	73	5448	0.463	ppbv	97
29) Chloroform	2.855	83	17334	0.585	ppbv	94
30) Cyclohexane	3.862	84	7196	0.380	ppbv	88
31) cis-1,2-Dichloroethene	2.726	61	9375	0.442	ppbv	95
34) 2-Butanone	2.567	43	15292	0.537	ppbv	96
36) Benzene	3.664	78	20248	0.530	ppbv	96
37) 1,2-Dichloroethane	3.227	62	13418	0.668	ppbv	99
39) 1,2-Dichloropropane	4.321	63	7990	0.573	ppbv #	86
40) 1,4-Dioxane	4.616	88	3014m	0.465	ppbv	
41) Tetrahydrofuran	3.069	42	7174	0.438	ppbv	98
42) Bromodichloromethane	4.496	83	17045m	0.610	ppbv	
43) Methyl Methacrylate	4.901	69	5968m	0.382	ppbv	
44) 2,2,4-Trimethylpentane	4.648	57	32124	0.487	ppbv #	92
45) t-1,3-Dichloropropene	6.429	75	6211m	0.373	ppbv	
46) cis-1,3-Dichloropropene	5.616	75	9609m	0.453	ppbv	
47) 1,1,2-Trichloroethane	6.600	97	8835m	0.600	ppbv	
48) Dibromochloromethane	7.399	129	11816	0.502	ppbv	100

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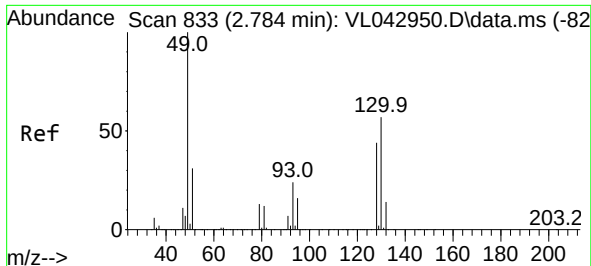
Quant Time: Sep 24 02:23:55 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL092225AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Wed Sep 24 02:23:20 2025
 Response via : Initial Calibration

Manual Integrations
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 Supervised By : Mahesh Dadoda 09/26/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
49) Bromoform	9.494	173	9101	0.444	ppbv	98
50) 4-Methyl-2-Pentanone	5.775	43	16617m	0.435	ppbv	
51) 2-Hexanone	7.455	43	11168	0.367	ppbv #	94
53) Toluene	6.943	91	18594m	0.412	ppbv	
56) 1,1,1,2-Tetrachloroethane	8.934	131	10105	0.595	ppbv #	1
57) Chlorobenzene	8.934	112	19441	0.600	ppbv	96
58) Ethyl Benzene	9.367	91	23824	0.409	ppbv	97
59) m/p-Xylene	9.558	91	39265m	0.855	ppbv	
60) o-Xylene	9.973	91	19435	0.424	ppbv	99
61) Styrene	9.882	104	7436	0.343	ppbv	95
62) Isopropylbenzene	10.549	105	30987	0.453	ppbv	97
64) n-propylbenzene	10.999	120	7633	0.427	ppbv	89
65) tert-Butylbenzene	11.536	119	24749	0.407	ppbv	94
66) Benzyl Chloride	11.623	91	1593	0.250	ppbv #	90
67) sec-Butylbenzene	11.772	105	38430	0.453	ppbv	98
69) p-Isopropyltoluene	11.931	119	28401	0.397	ppbv	96
70) n-Butylbenzene	12.287	91	27856	0.398	ppbv	93
71) 2-Chlorotoluene	10.908	91	22664	0.439	ppbv	94
72) 4-Ethyltoluene	11.131	105	22688	0.395	ppbv	98
73) 1,3,5-Trimethylbenzene	11.209	105	19089	0.410	ppbv	89
74) 1,2,4-Trimethylbenzene	11.542	105	21216	0.412	ppbv #	79
75) 1,3-Dichlorobenzene	11.617	146	16401	0.514	ppbv	96
76) 1,4-Dichlorobenzene	11.678	146	15079	0.476	ppbv	96
77) 1,2-Dichlorobenzene	11.953	146	17043	0.561	ppbv	100
78) Hexachloro-1,3-Butadiene	13.886	225	12691	0.534	ppbv	92
80) Naphthalene,2-methyl-	14.468	142	2287	0.163	ppbv #	73
81) 1,2,4-Trichlorobenzene	13.449	180	6097	0.251	ppbv	91

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



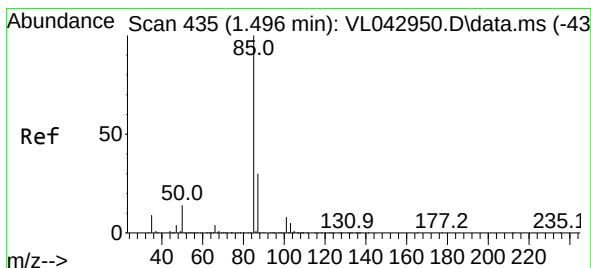
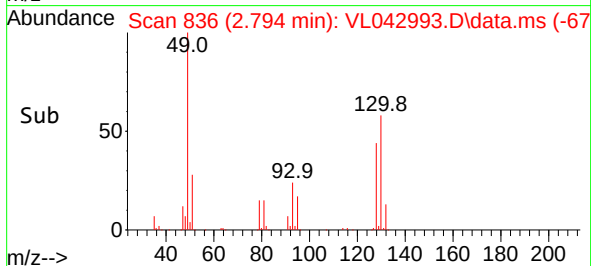
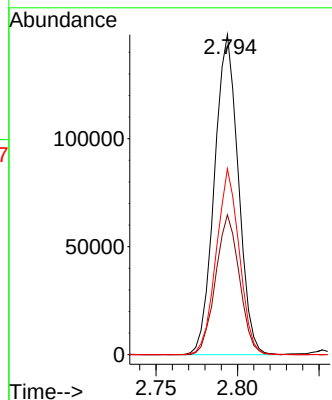
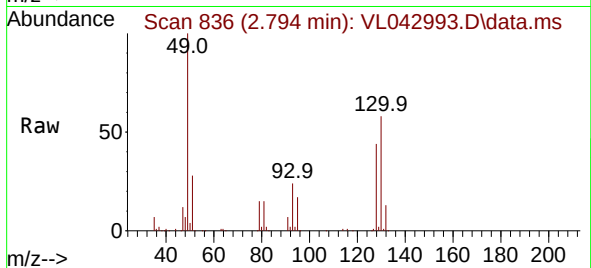
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Bromochloromethane
Concen: 10.000 ppbv
RT: 2.794 min Scan# 833
Delta R.T. 0.010 min
Lab File: VL042993.D
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ClientSampleId :
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Tgt Ion: 49 Resp: 15092
Ion Ratio Lower Upper
49 100
128 43.6 22.9 68.8
130 56.0 29.1 87.3

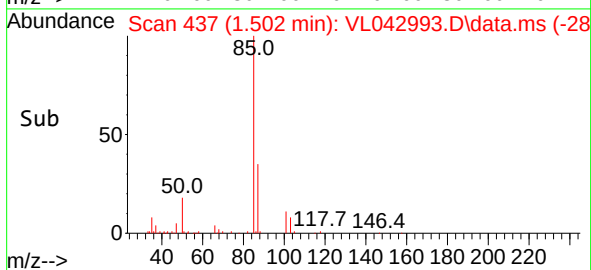
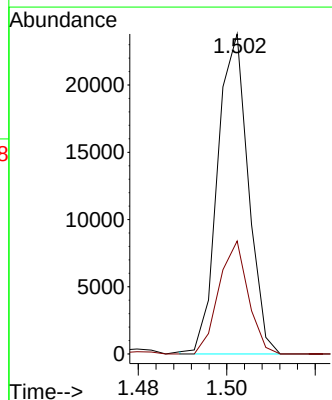
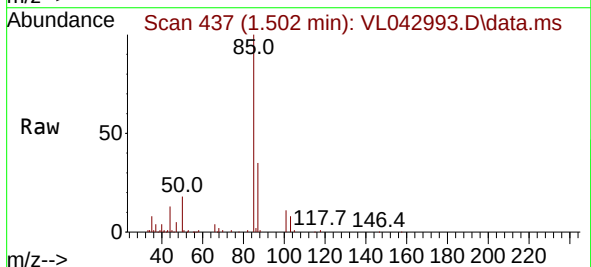
Manual Integrations
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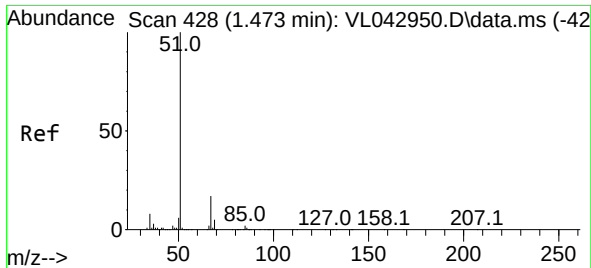
Reviewed By :Semsettin Yesilyurt 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025



#2
Dichlorodifluoromethane
Concen: 0.563 ppbv
RT: 1.502 min Scan# 437
Delta R.T. 0.007 min
Lab File: VL042993.D
Acq: 23 Sep 2025 15:49

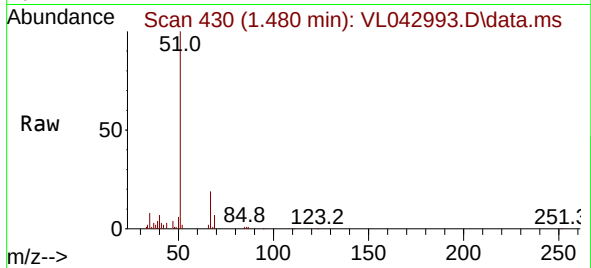
Tgt Ion: 85 Resp: 11429
Ion Ratio Lower Upper
85 100
87 35.3 24.3 36.5





#3
Chlorodifluoromethane
Concen: 0.573 ppbv
RT: 1.480 min Scan# 41
Delta R.T. 0.007 min
Lab File: VL042993.D
Acq: 23 Sep 2025 15:49

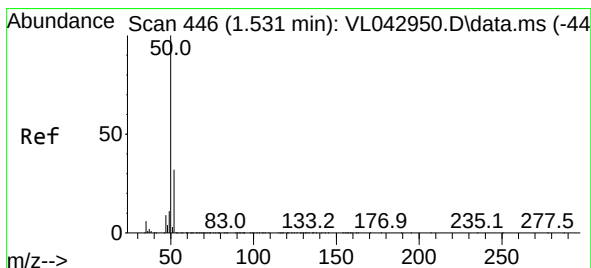
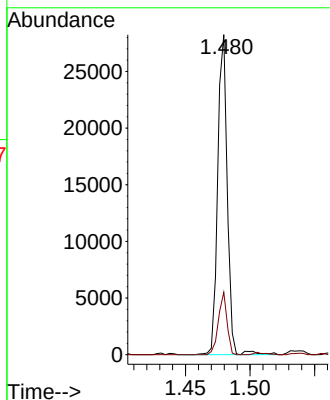
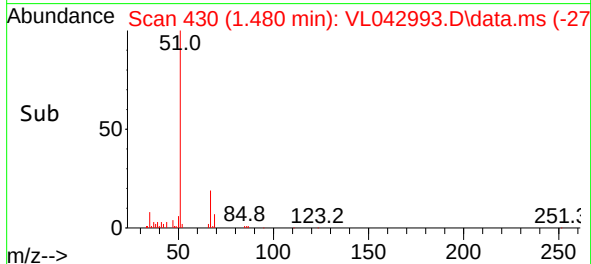
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT3-2025



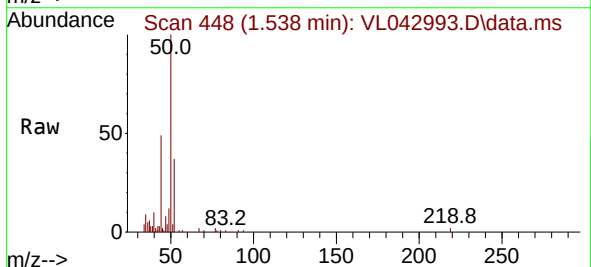
Tgt Ion: 51 Resp: 14490
Ion Ratio Lower Upper
51 100
67 17.6 13.8 20.8

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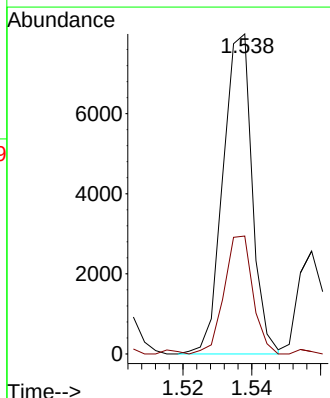
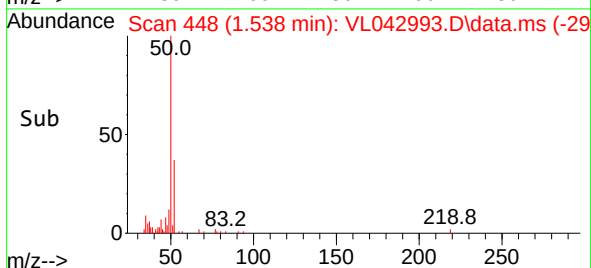
Reviewed By :Semsettin Yesilyurt 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025

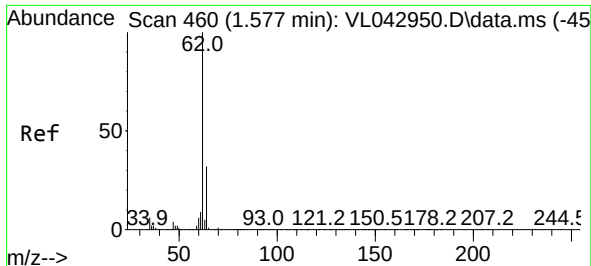


#4
Chloromethane
Concen: 0.511 ppbv
RT: 1.538 min Scan# 448
Delta R.T. 0.007 min
Lab File: VL042993.D
Acq: 23 Sep 2025 15:49



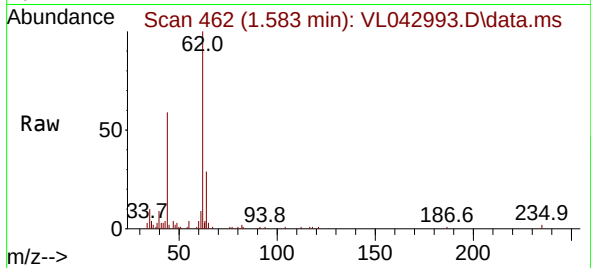
Tgt Ion: 50 Resp: 4698
Ion Ratio Lower Upper
50 100
52 37.1 25.9 38.9





#5
 Vinyl Chloride
 Concen: 0.513 ppbv m
 RT: 1.583 min Scan# 462
 Delta R.T. 0.007 min
 Lab File: VL042993.D
 Acq: 23 Sep 2025 15:49

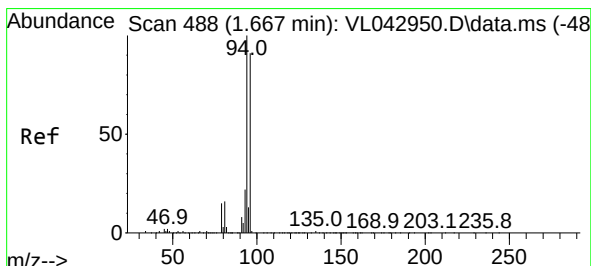
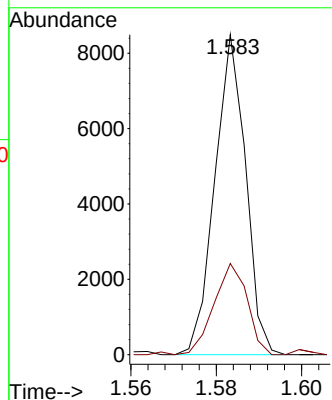
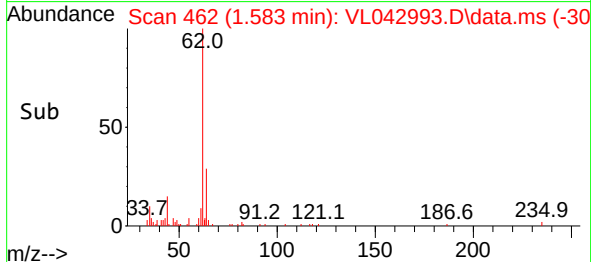
Instrument :
 MSVOA_L
 ClientSampleId :
 LOQ-AIR-02-QT3-2025



Tgt Ion: 62 Resp: 4258
 Ion Ratio Lower Upper
 62 100
 64 28.5 25.4 38.2

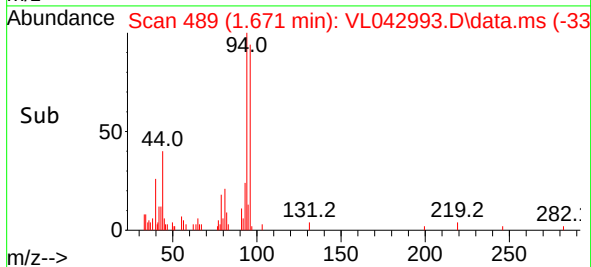
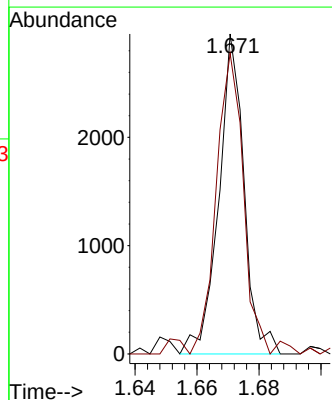
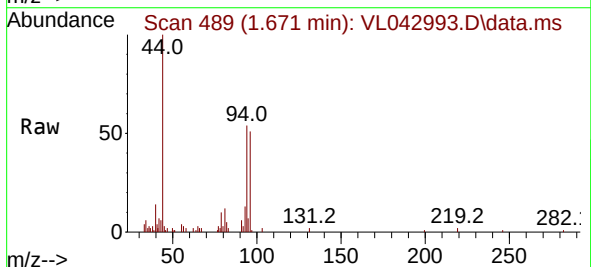
Manual Integrations
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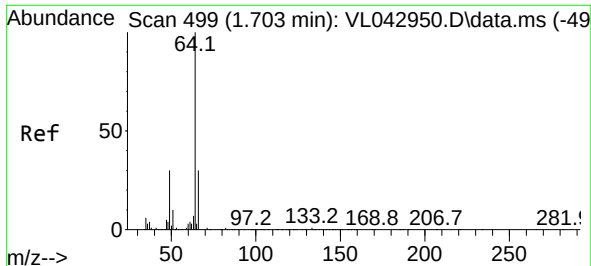
Reviewed By :Semsettin Yesilyurt 09/24/2025
 Supervised By :Mahesh Dadoda 09/26/2025



#6
 Bromomethane
 Concen: 0.572 ppbv
 RT: 1.671 min Scan# 489
 Delta R.T. 0.003 min
 Lab File: VL042993.D
 Acq: 23 Sep 2025 15:49

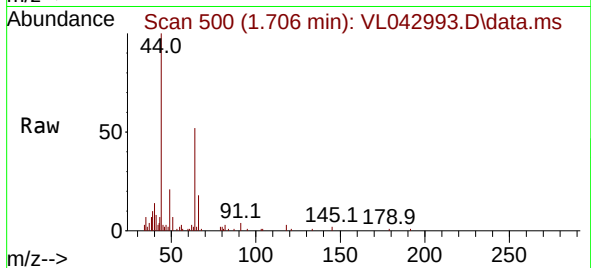
Tgt Ion: 94 Resp: 1677
 Ion Ratio Lower Upper
 94 100
 96 89.9 72.6 108.8





#7
Chloroethane
Concen: 0.509 ppbv
RT: 1.706 min Scan# 500
Delta R.T. 0.003 min
Lab File: VL042993.D
Acq: 23 Sep 2025 15:49

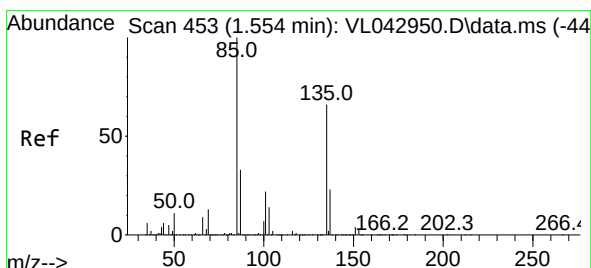
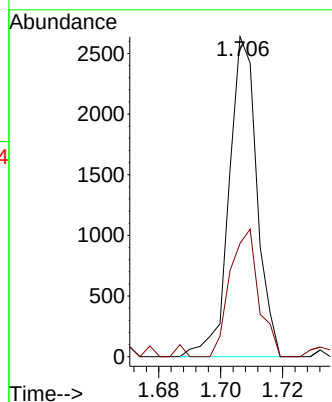
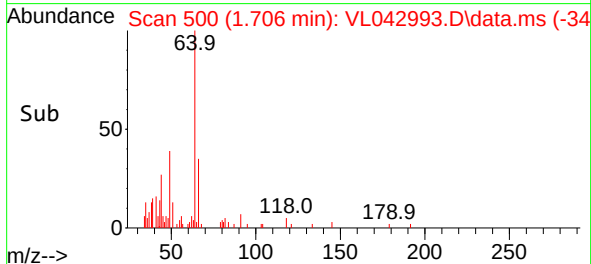
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT3-2025



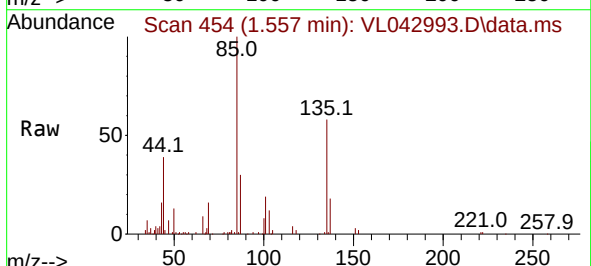
Tgt Ion: 64 Resp: 164
Ion Ratio Lower Upper
64 100
66 35.4 24.6 36.8

Manual Integrations
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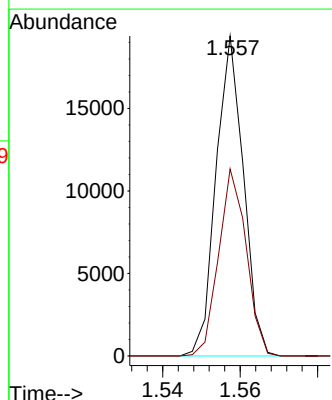
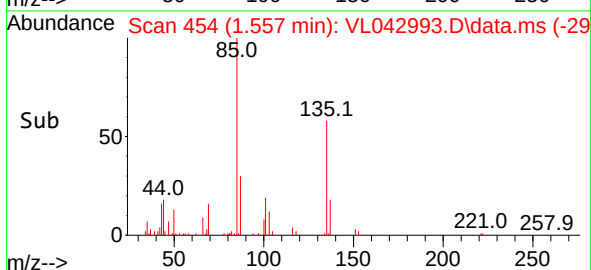
Reviewed By :Semsettin Yesilyurt 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025

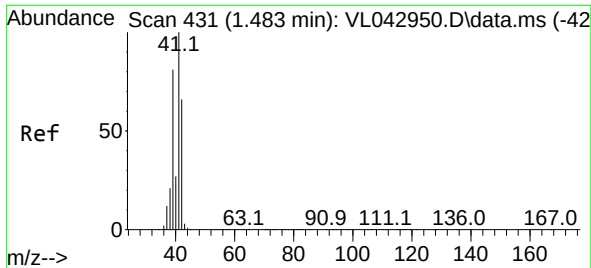


#8
Dichlorotetrafluoroethane
Concen: 0.550 ppbv
RT: 1.557 min Scan# 454
Delta R.T. 0.003 min
Lab File: VL042993.D
Acq: 23 Sep 2025 15:49



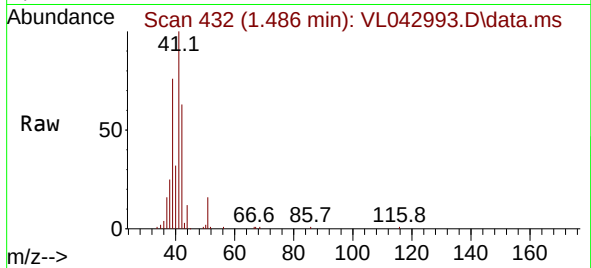
Tgt Ion: 85 Resp: 9528
Ion Ratio Lower Upper
85 100
135 58.8 49.7 74.5





#9
 Propene
 Concen: 0.475 ppbv
 RT: 1.486 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VL042993.D
 Acq: 23 Sep 2025 15:49

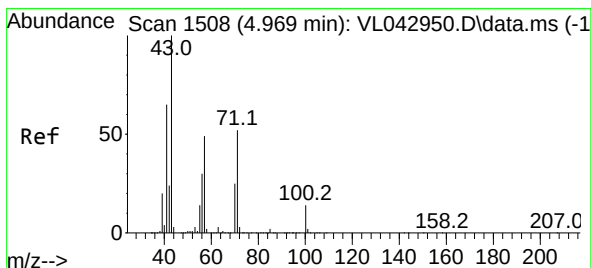
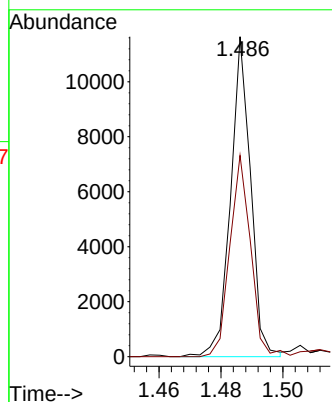
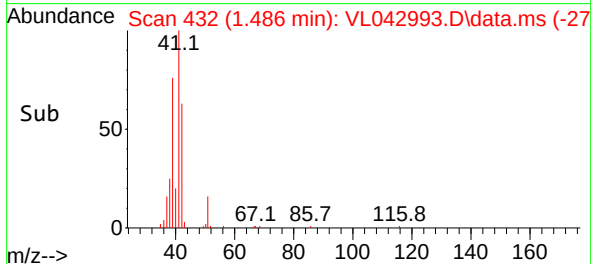
Instrument :
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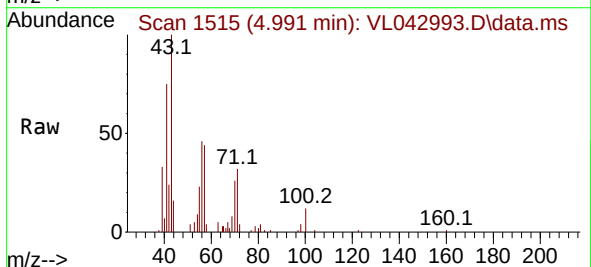
Tgt Ion: 41 Resp: 523
 Ion Ratio Lower Upper
 41 100
 42 70.8 57.4 86.2

Manual Integrations
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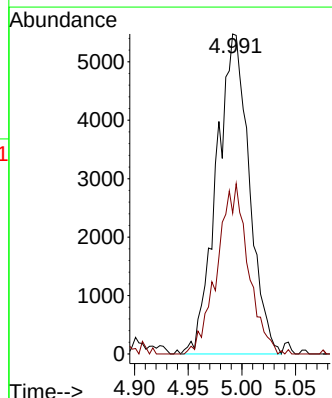
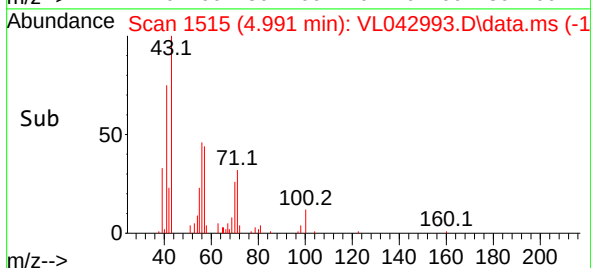
Reviewed By :Semsettin Yesilyurt 09/24/2025
 Supervised By :Mahesh Dadoda 09/26/2025

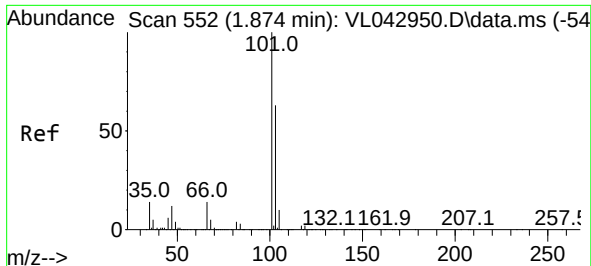


#10
 Heptane
 Concen: 0.396 ppbv m
 RT: 4.991 min Scan# 1515
 Delta R.T. 0.023 min
 Lab File: VL042993.D
 Acq: 23 Sep 2025 15:49



Tgt Ion: 43 Resp: 11632
 Ion Ratio Lower Upper
 43 100
 57 50.5 38.6 57.8





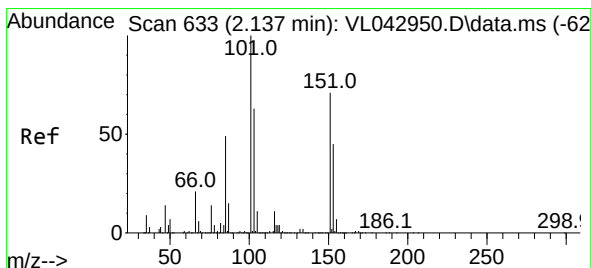
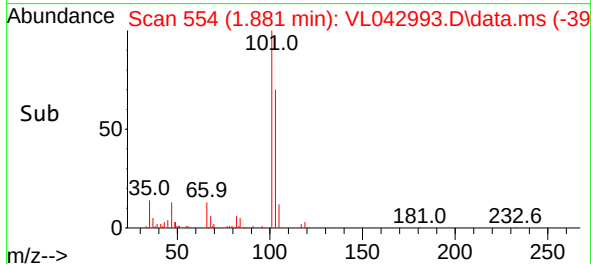
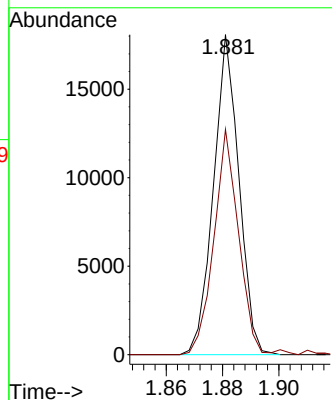
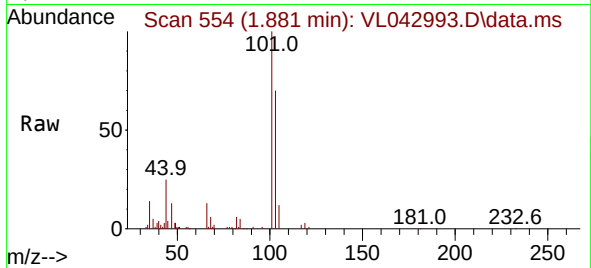
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 Trichlorofluoromethane
 Concen: 0.579 ppbv
 RT: 1.881 min Scan# 511
 Delta R.T. 0.007 min
 Lab File: VL042993.D
 Acq: 23 Sep 2025 15:49

Instrument :
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 ClientSampleId :
 LOQ-AIR-02-QT3-2025

Tgt Ion:101 Resp: 1133
 Ion Ratio Lower Upper
 101 100
 103 70.4 50.1 75.1

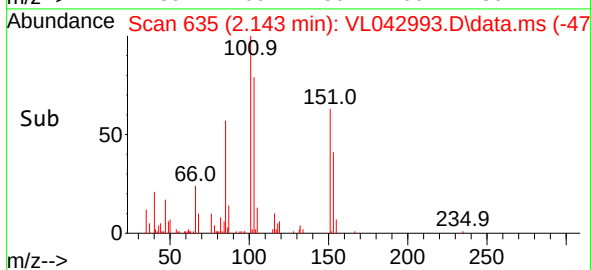
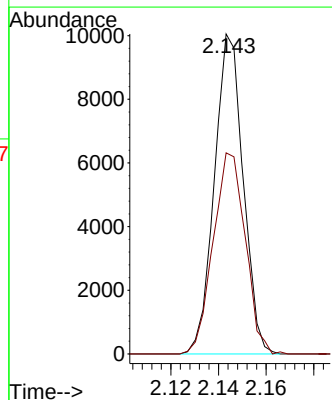
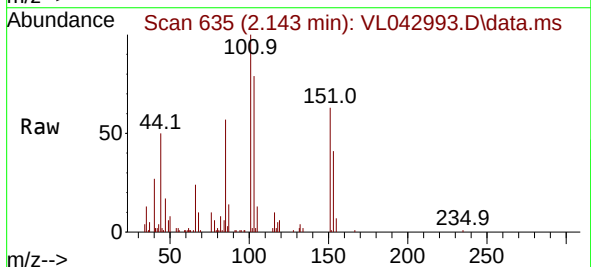
Manual Integrations
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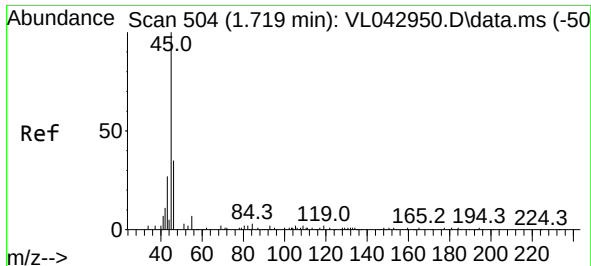
Reviewed By :Semsettin Yesilyurt 09/24/2025
 Supervised By :Mahesh Dadoda 09/26/2025



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.532 ppbv
 RT: 2.143 min Scan# 635
 Delta R.T. 0.007 min
 Lab File: VL042993.D
 Acq: 23 Sep 2025 15:49

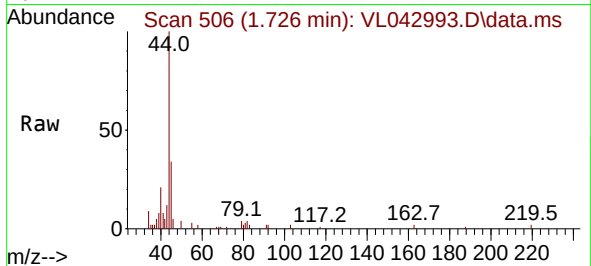
Tgt Ion:101 Resp: 8437
 Ion Ratio Lower Upper
 101 100
 151 70.0 55.7 83.5





#13
 Ethanol
 Concen: 0.940 ppbv
 RT: 1.726 min Scan# 504
 Delta R.T. 0.007 min
 Lab File: VL042993.D
 Acq: 23 Sep 2025 15:49

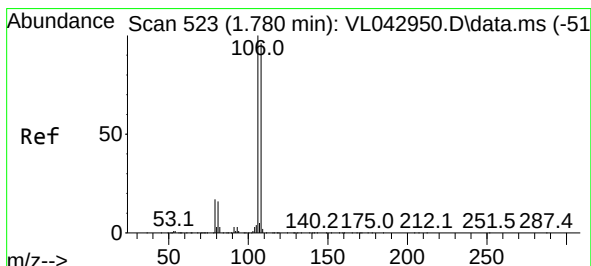
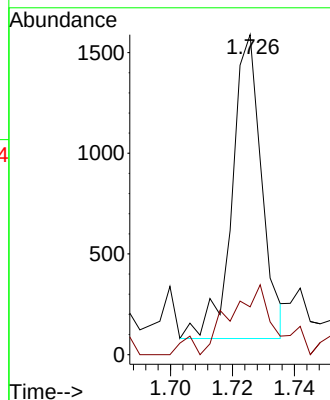
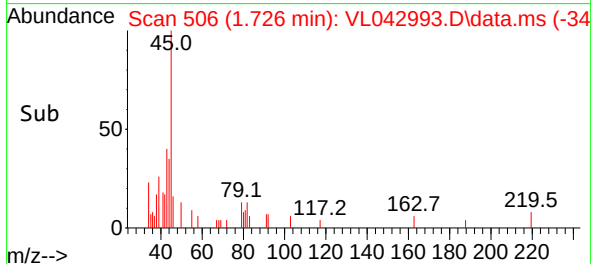
Instrument :
 MSVOA_L
 ClientSampleId :
 LOQ-AIR-02-QT3-2025



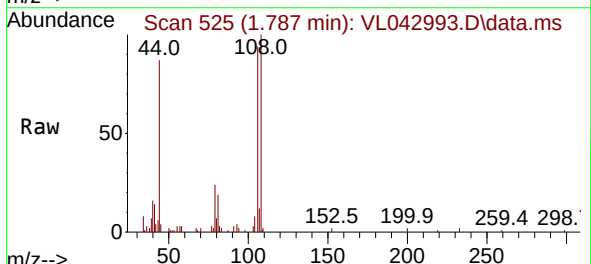
Tgt Ion: 45 Resp: 1004
 Ion Ratio Lower Upper
 45 100
 46 0.0 16.2 64.6

Manual Integrations
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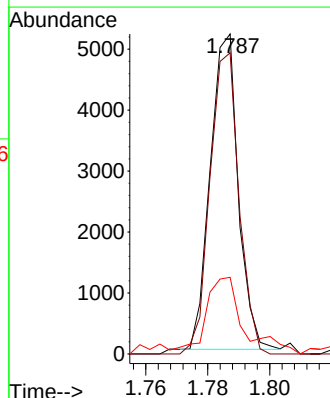
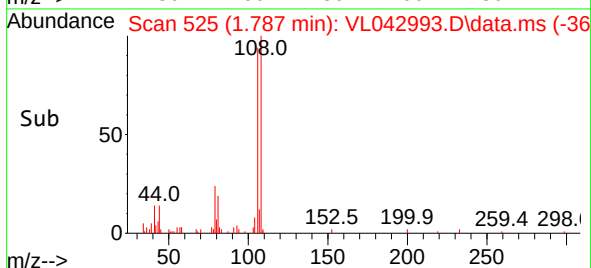
Reviewed By :Semsettin Yesilyurt 09/24/2025
 Supervised By :Mahesh Dadoda 09/26/2025

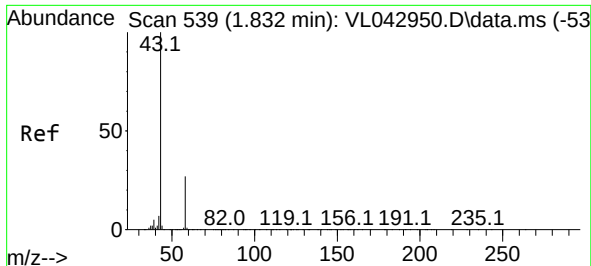


#14
 Bromoethene
 Concen: 0.541 ppbv
 RT: 1.787 min Scan# 525
 Delta R.T. 0.007 min
 Lab File: VL042993.D
 Acq: 23 Sep 2025 15:49



Tgt Ion:108 Resp: 3240
 Ion Ratio Lower Upper
 108 100
 106 99.1 86.0 129.0
 79 40.4 14.2 21.2





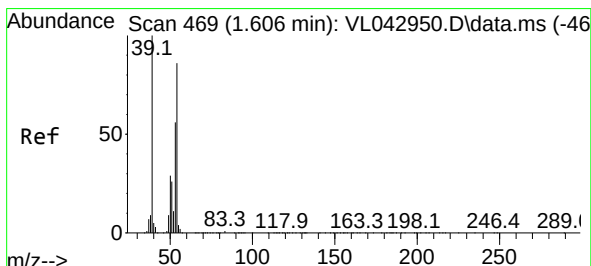
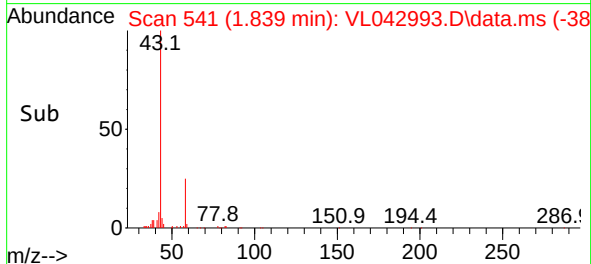
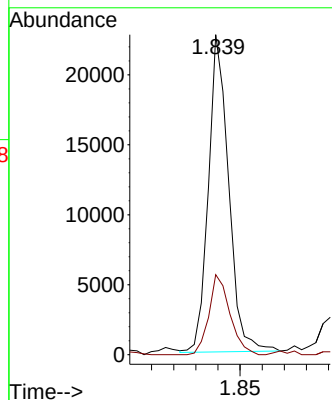
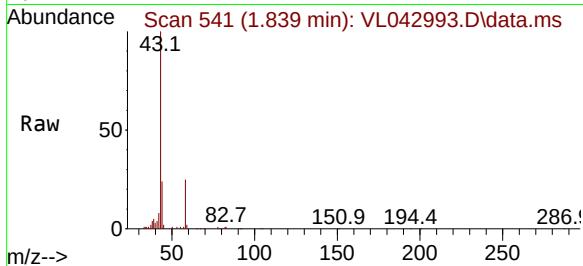
#15
Acetone
Concen: 0.733 ppbv
RT: 1.839 min Scan# 541
Delta R.T. 0.007 min
Lab File: VL042993.D
Acq: 23 Sep 2025 15:49

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT3-2025

Tgt Ion: 43 Resp: 1441
Ion Ratio Lower Upper
43 100
58 27.2 22.3 33.5

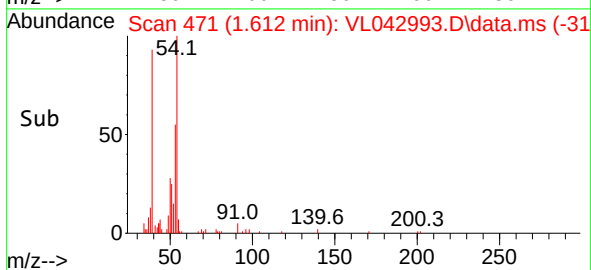
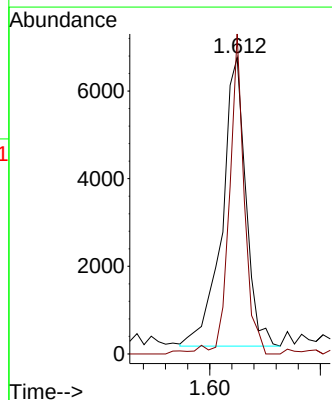
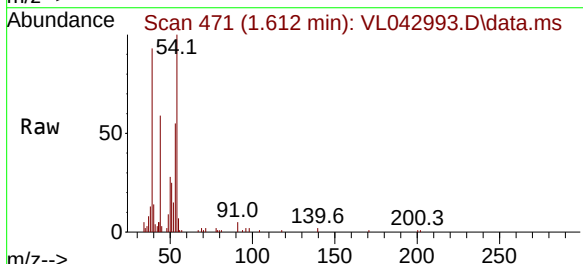
Manual Integrations
APPROVED

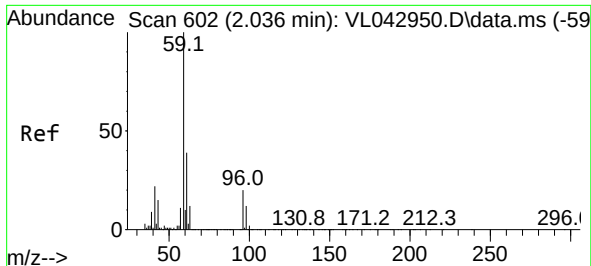
Reviewed By :Semsettin Yesilyurt 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025



#16
1,3-Butadiene
Concen: 0.532 ppbv
RT: 1.612 min Scan# 471
Delta R.T. 0.007 min
Lab File: VL042993.D
Acq: 23 Sep 2025 15:49

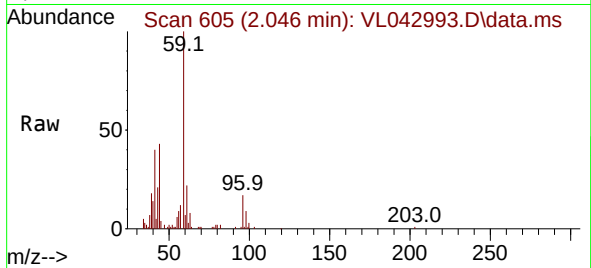
Tgt Ion: 39 Resp: 4932
Ion Ratio Lower Upper
39 100
54 73.7 60.8 91.2





#17
tert-Butyl alcohol
Concen: 0.463 ppbv
RT: 2.046 min Scan# 602
Delta R.T. 0.010 min
Lab File: VL042993.D
Acq: 23 Sep 2025 15:49

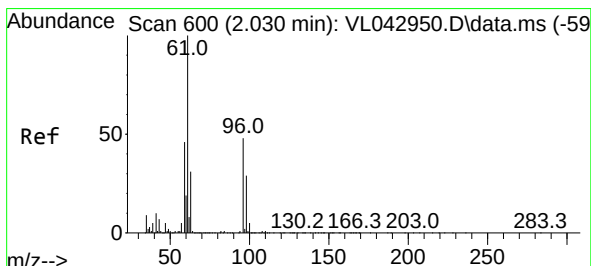
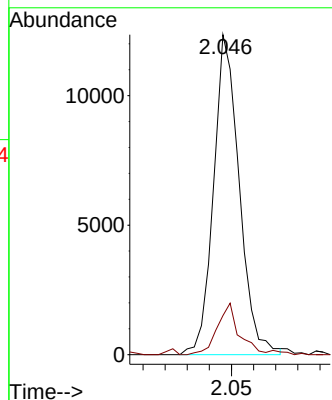
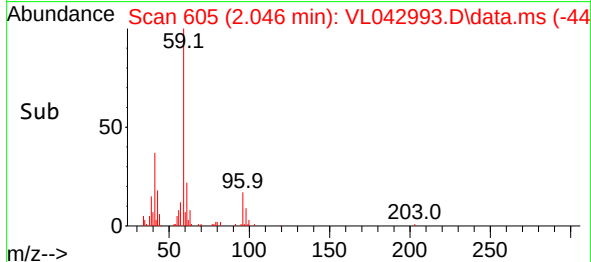
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT3-2025



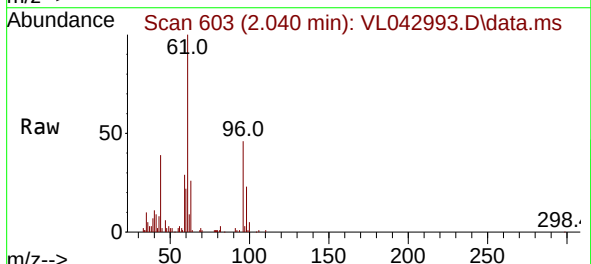
Tgt Ion: 59 Resp: 998
Ion Ratio Lower Upper
59 100
57 14.4 8.6 12.8

Manual Integrations
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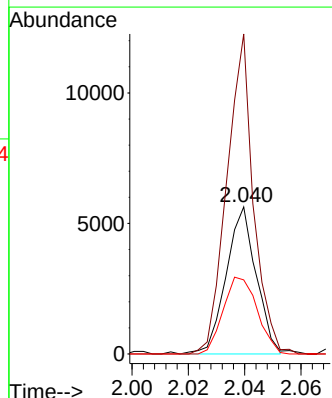
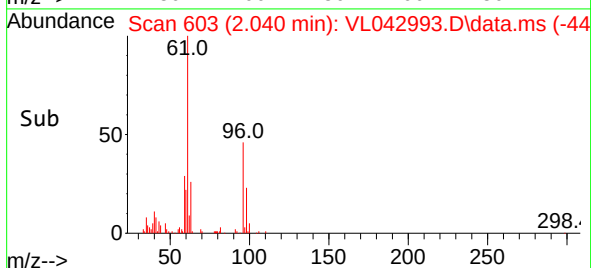
Reviewed By :Semsettin Yesilyurt 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025

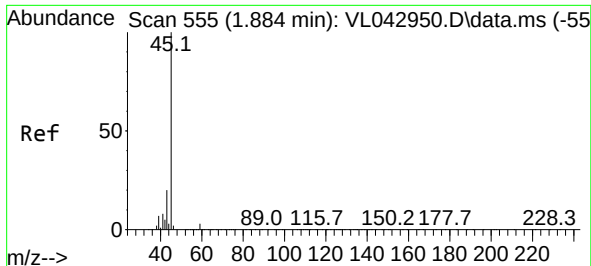


#18
1,1-Dichloroethene
Concen: 0.568 ppbv
RT: 2.040 min Scan# 603
Delta R.T. 0.010 min
Lab File: VL042993.D
Acq: 23 Sep 2025 15:49



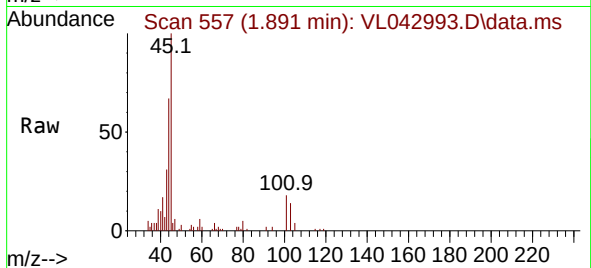
Tgt Ion: 96 Resp: 4164
Ion Ratio Lower Upper
96 100
61 217.6 166.2 249.4
98 50.4 48.6 73.0





#19
Isopropyl Alcohol
Concen: 0.592 ppbv
RT: 1.891 min Scan# 511
Delta R.T. 0.007 min
Lab File: VL042993.D
Acq: 23 Sep 2025 15:49

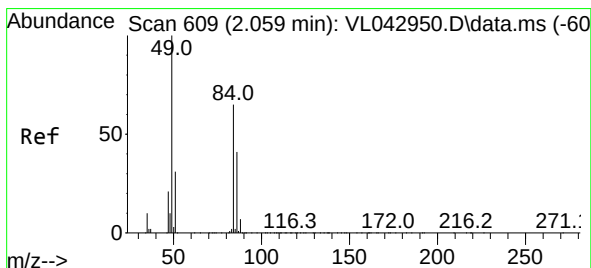
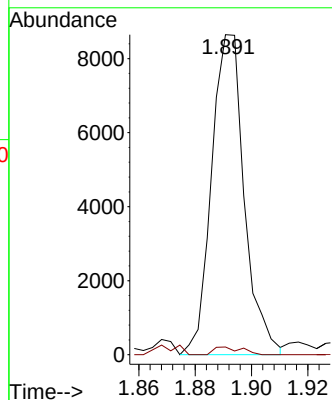
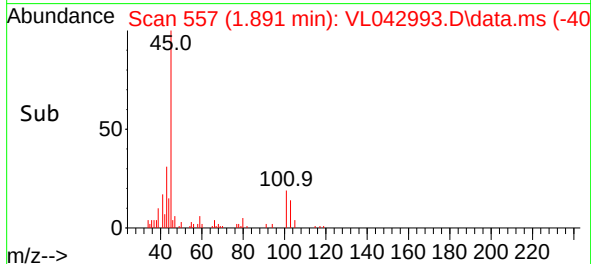
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT3-2025



Tgt Ion: 45 Resp: 699
Ion Ratio Lower Upper
45 100
58 58.1 31.0 46.6

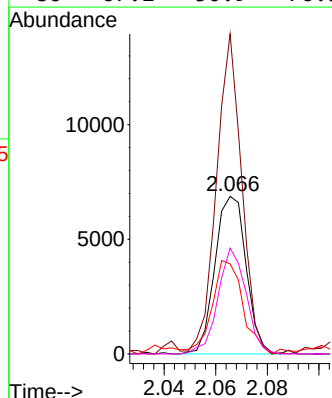
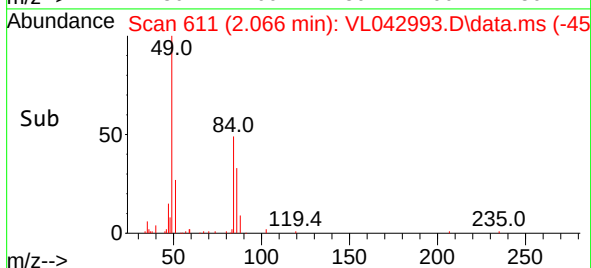
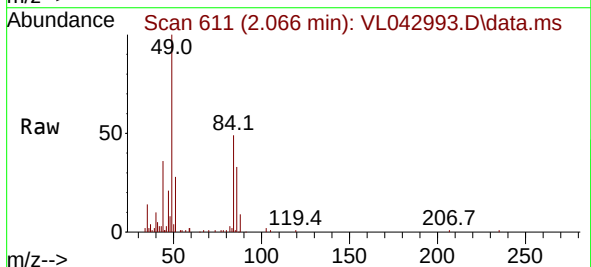
Manual Integrations
APPROVED

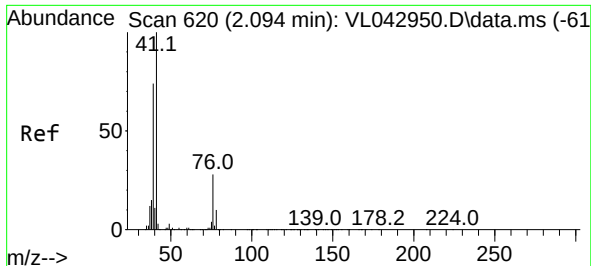
Reviewed By :Semsettin Yesilyurt 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025



#20
Methylene Chloride
Concen: 0.700 ppbv
RT: 2.066 min Scan# 611
Delta R.T. 0.007 min
Lab File: VL042993.D
Acq: 23 Sep 2025 15:49

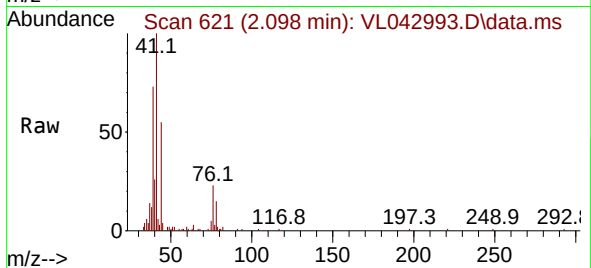
Tgt Ion: 84 Resp: 5763
Ion Ratio Lower Upper
84 100
49 202.2 124.1 186.1#
51 54.5 39.8 59.8
86 67.2 50.9 76.3





#21
 Allyl Chloride
 Concen: 0.513 ppbv
 RT: 2.098 min Scan# 61
 Delta R.T. 0.003 min
 Lab File: VL042993.D
 Acq: 23 Sep 2025 15:49

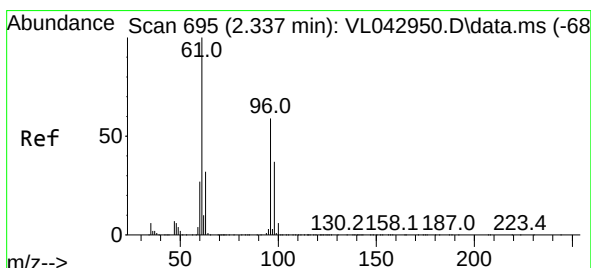
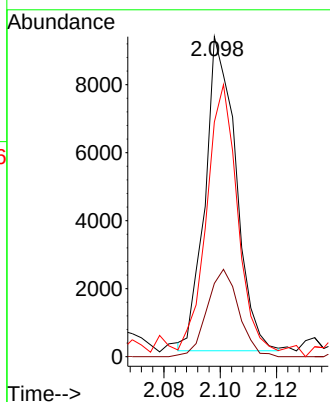
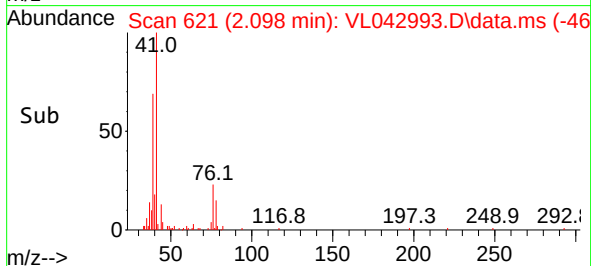
Instrument :
 MSVOA_L
 ClientSampleId :
 LOQ-AIR-02-QT3-2025



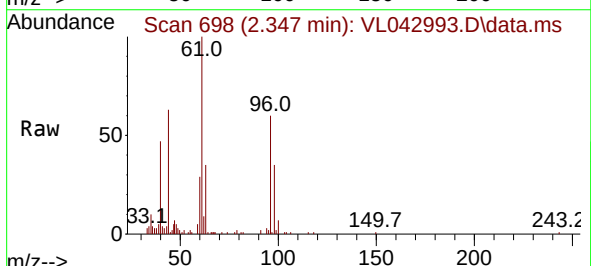
Tgt Ion: 41 Resp: 7024
 Ion Ratio Lower Upper
 41 100
 76 28.5 22.3 33.5
 39 96.8 61.3 91.9

Manual Integrations
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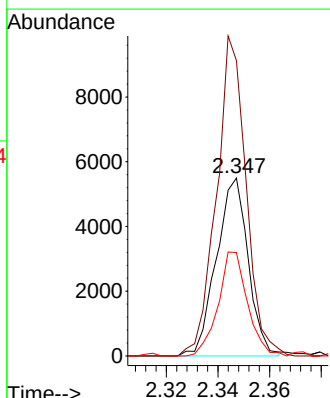
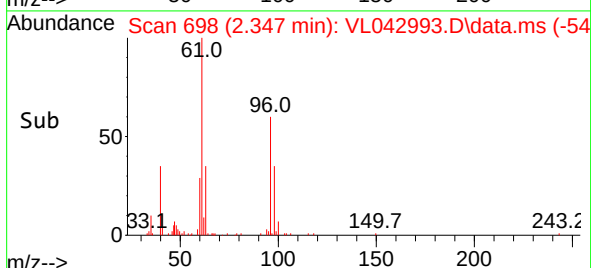
Reviewed By :Semsettin Yesilyurt 09/24/2025
 Supervised By :Mahesh Dadoda 09/26/2025

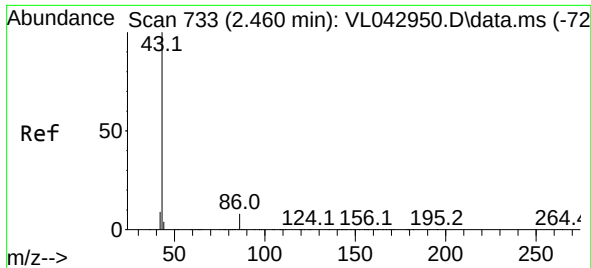


#22
 trans-1,2-Dichloroethene
 Concen: 0.564 ppbv
 RT: 2.347 min Scan# 698
 Delta R.T. 0.010 min
 Lab File: VL042993.D
 Acq: 23 Sep 2025 15:49



Tgt Ion: 96 Resp: 4698
 Ion Ratio Lower Upper
 96 100
 61 166.1 136.5 204.7
 98 58.1 50.6 76.0





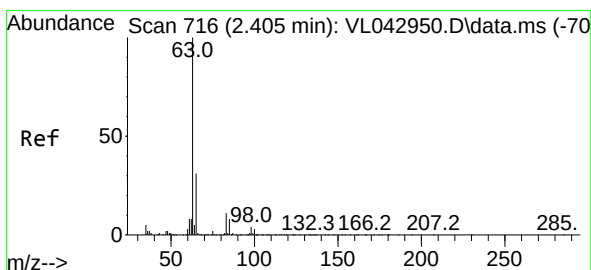
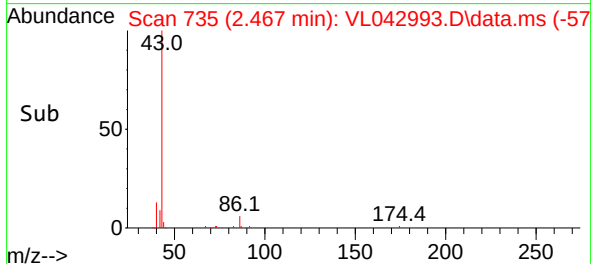
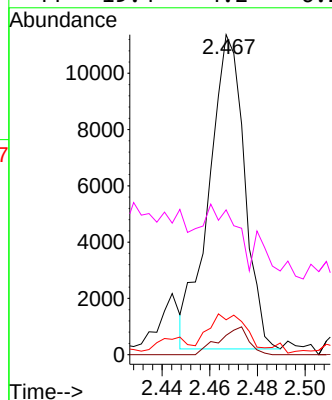
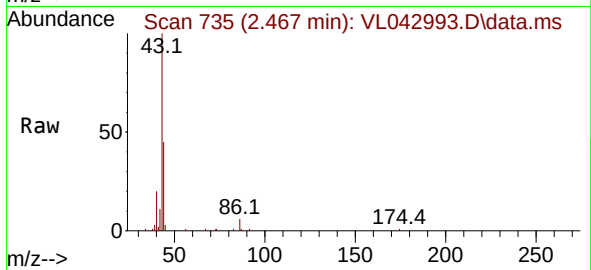
#23
 Vinyl Acetate
 Concen: 0.412 ppbv
 RT: 2.467 min Scan# 719
 Delta R.T. 0.007 min
 Lab File: VL042993.D
 Acq: 23 Sep 2025 15:49

Instrument :
 MSVOA_L
 ClientSampleId :
 LOQ-AIR-02-QT3-2025

Tgt Ion: 43	Resp: 11572
Ion Ratio	Lower Upper
43 100	
86 6.2	6.2 9.2
42 7.4	7.4 11.0
44 19.4	4.2 6.2#

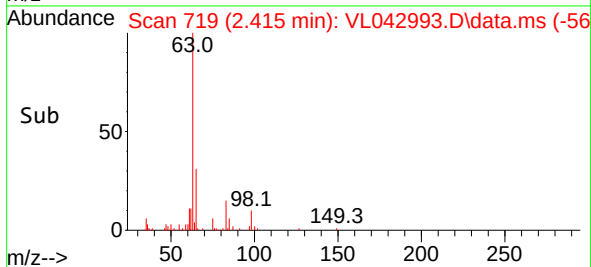
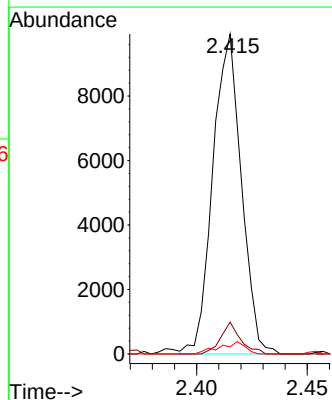
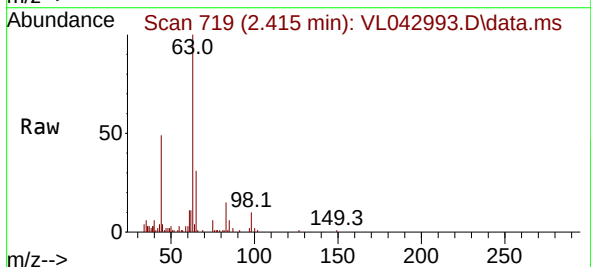
Manual Integrations
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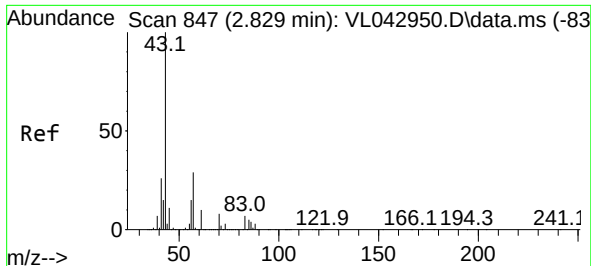
Reviewed By :Semsettin Yesilyurt 09/24/2025
 Supervised By :Mahesh Dadoda 09/26/2025



#24
 1,1-Dichloroethane
 Concen: 0.543 ppbv
 RT: 2.415 min Scan# 719
 Delta R.T. 0.010 min
 Lab File: VL042993.D
 Acq: 23 Sep 2025 15:49

Tgt Ion: 63	Resp: 8874
Ion Ratio	Lower Upper
63 100	
98 10.0	2.2 6.6#
100 2.2	1.4 4.0





#25

Ethyl Acetate

Concen: 0.454 ppbv

RT: 2.846 min Scan# 847

Delta R.T. 0.016 min

Lab File: VL042993.D

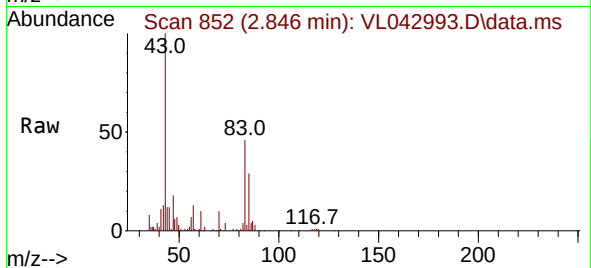
Acq: 23 Sep 2025 15:49

Instrument :

MSVOA_L

ClientSampleId :

LOQ-AIR-02-QT3-2025



Tgt Ion: 43 Resp: 22540

Ion Ratio Lower Upper

43 100

45 10.0 7.7 11.5

61 8.4 7.1 10.7

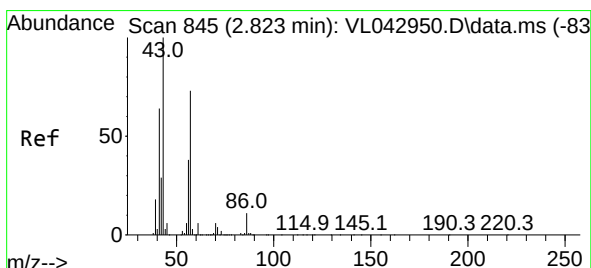
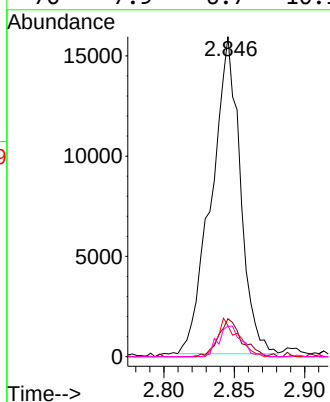
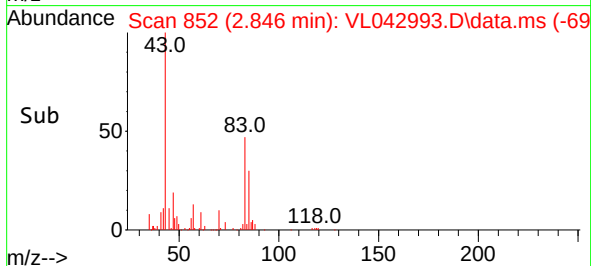
70 7.9 6.7 10.1

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 09/24/2025

Supervised By :Mahesh Dadoda 09/26/2025



#26

Hexane

Concen: 0.415 ppbv

RT: 2.833 min Scan# 848

Delta R.T. 0.010 min

Lab File: VL042993.D

Acq: 23 Sep 2025 15:49

Tgt Ion: 57 Resp: 9398

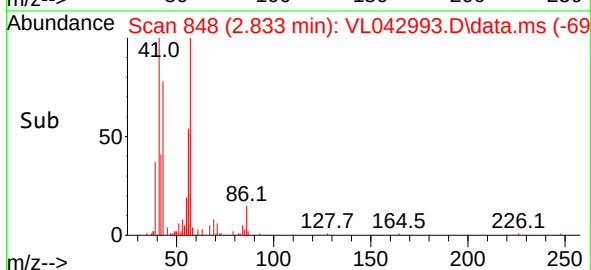
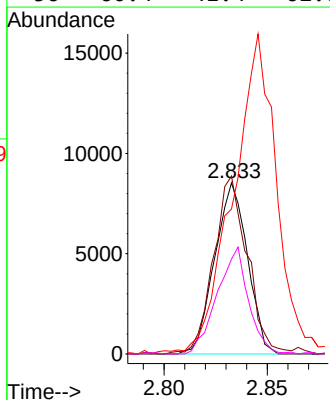
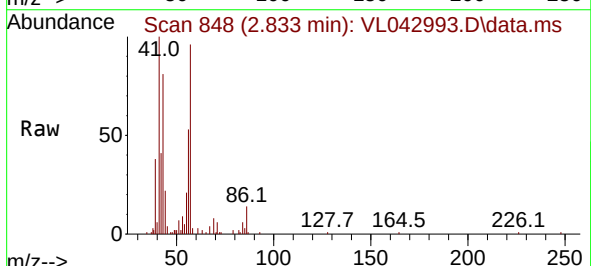
Ion Ratio Lower Upper

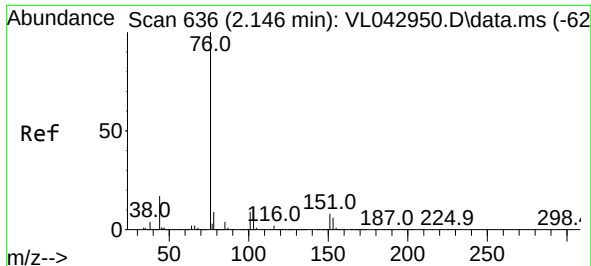
57 100

41 108.2 71.7 107.5#

43 255.7 180.8 271.2

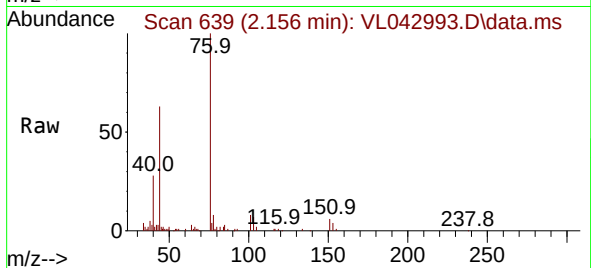
56 60.4 41.4 62.0





#27
Carbon Disulfide
Concen: 0.444 ppbv
RT: 2.156 min Scan# 611
Delta R.T. 0.010 min
Lab File: VL042993.D
Acq: 23 Sep 2025 15:49

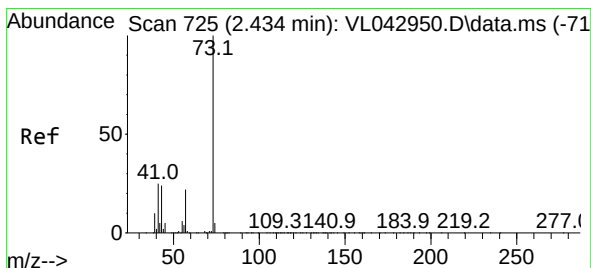
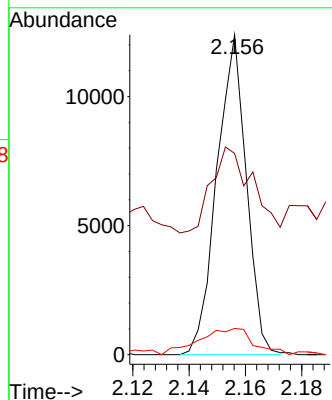
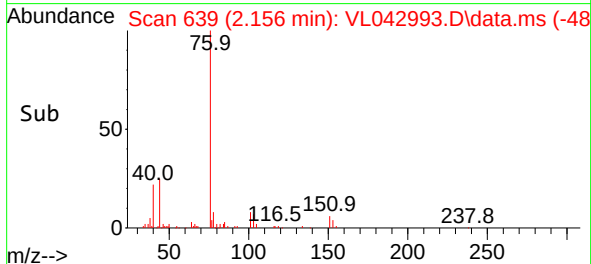
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT3-2025



Tgt Ion: 76 Resp: 9009
Ion Ratio Lower Upper
76 100
44 134.6 15.6 23.4
78 16.2 8.9 13.3

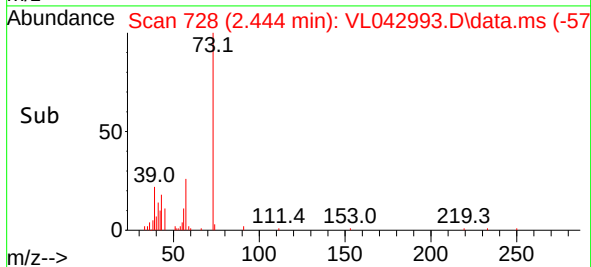
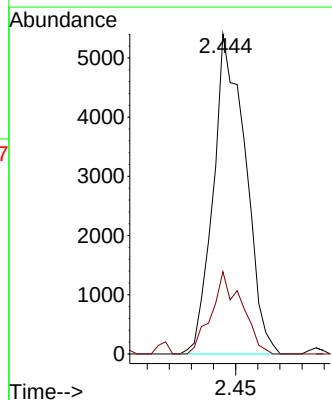
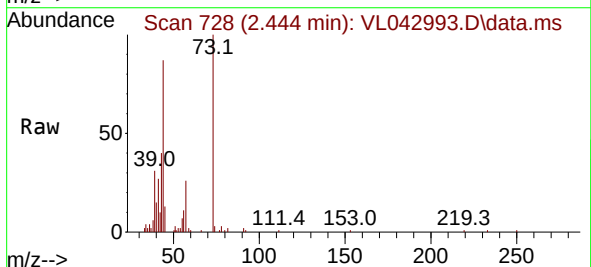
Manual Integrations
APPROVED

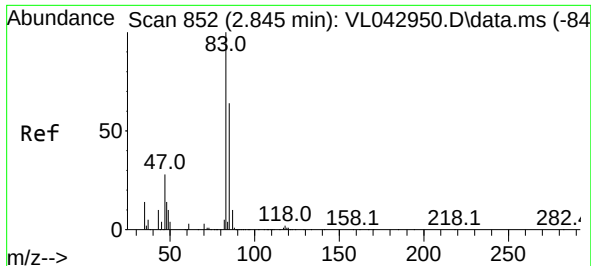
Reviewed By :Semsettin Yesilyurt 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025



#28
Methyl tert-Butyl Ether
Concen: 0.463 ppbv
RT: 2.444 min Scan# 728
Delta R.T. 0.010 min
Lab File: VL042993.D
Acq: 23 Sep 2025 15:49

Tgt Ion: 73 Resp: 5448
Ion Ratio Lower Upper
73 100
57 27.1 20.6 31.0





#29

Chloroform

Concen: 0.585 ppbv

RT: 2.855 min Scan# 855

Delta R.T. 0.010 min

Lab File: VL042993.D

Acq: 23 Sep 2025 15:49

Instrument :

MSVOA_L

ClientSampleId :

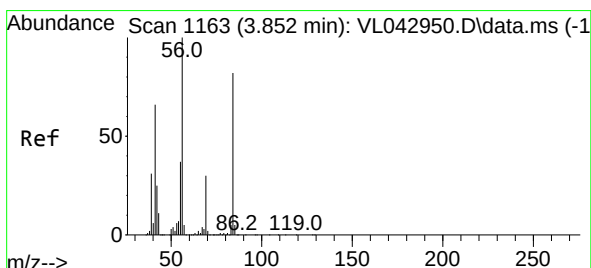
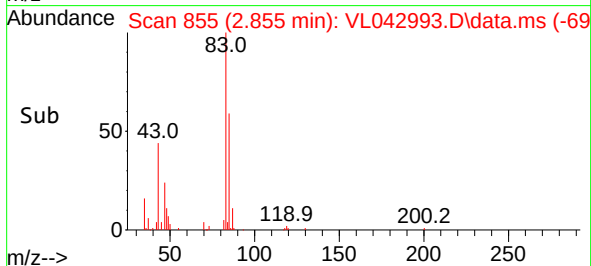
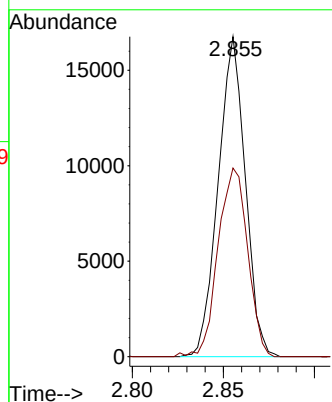
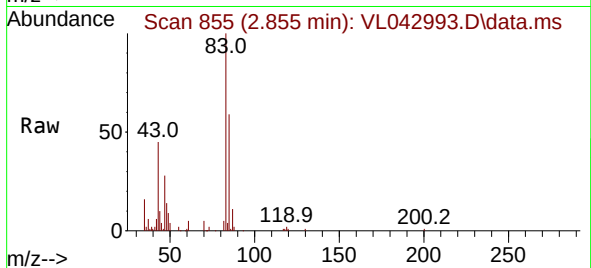
LOQ-AIR-02-QT3-2025

Tgt Ion: 83 Resp: 17334
 Ion Ratio Lower Upper
 83 100
 85 58.9 51.2 76.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/24/2025
 Supervised By :Mahesh Dadoda 09/26/2025



#30

Cyclohexane

Concen: 0.380 ppbv

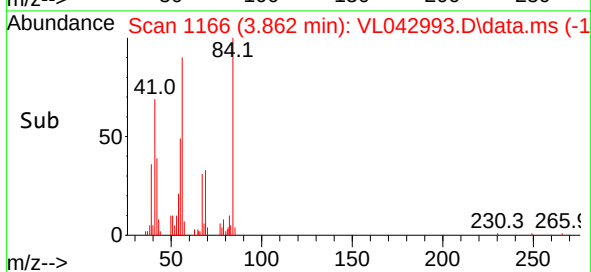
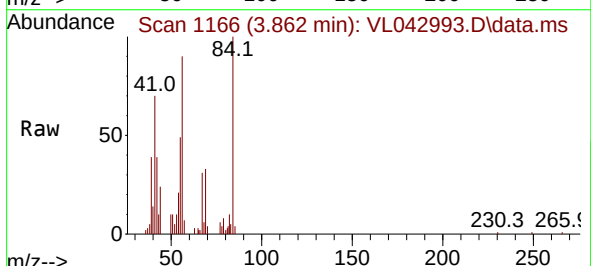
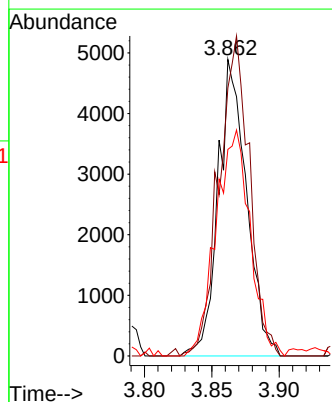
RT: 3.862 min Scan# 1166

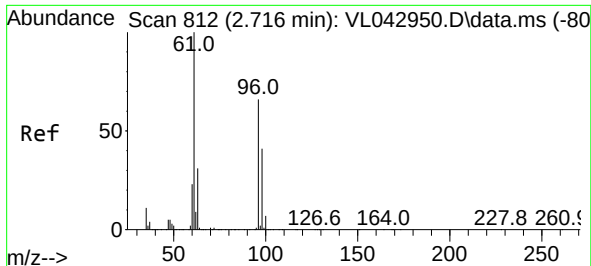
Delta R.T. 0.010 min

Lab File: VL042993.D

Acq: 23 Sep 2025 15:49

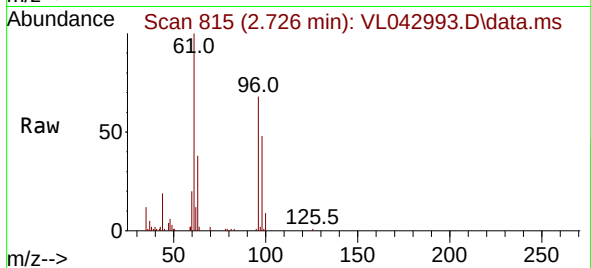
Tgt Ion: 84 Resp: 7196
 Ion Ratio Lower Upper
 84 100
 56 115.2 102.2 153.4
 41 94.2 65.6 98.4





#31
 cis-1,2-Dichloroethene
 Concen: 0.442 ppbv
 RT: 2.726 min Scan# 812
 Delta R.T. 0.010 min
 Lab File: VL042993.D
 Acq: 23 Sep 2025 15:49

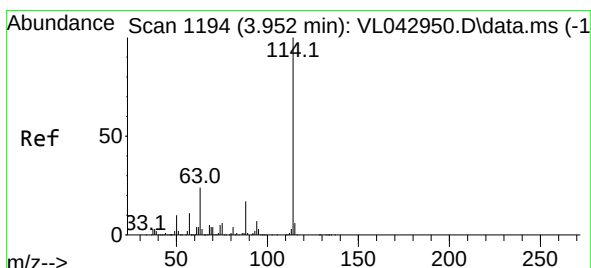
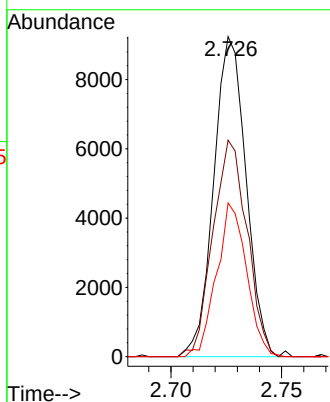
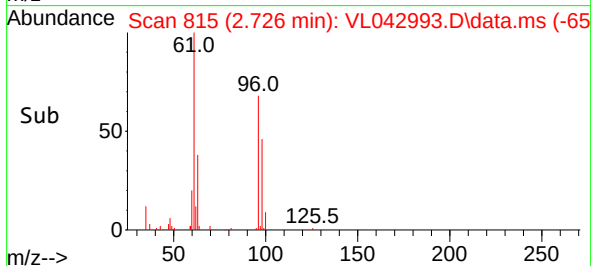
Instrument :
 MSVOA_L
 ClientSampleId :
 LOQ-AIR-02-QT3-2025



Tgt Ion: 61 Resp: 9375
 Ion Ratio Lower Upper
 61 100
 96 67.6 53.0 79.6
 98 48.0 32.9 49.3

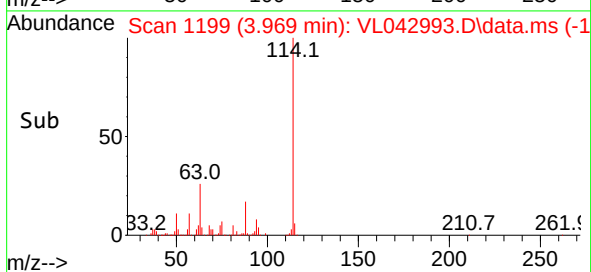
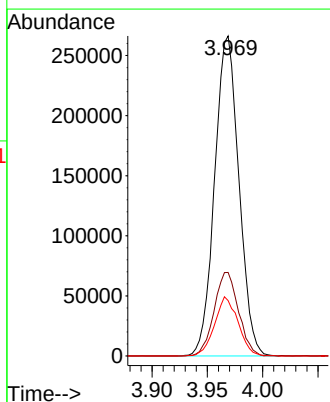
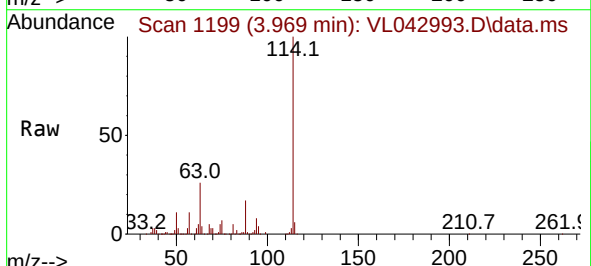
Manual Integrations
 APPROVED

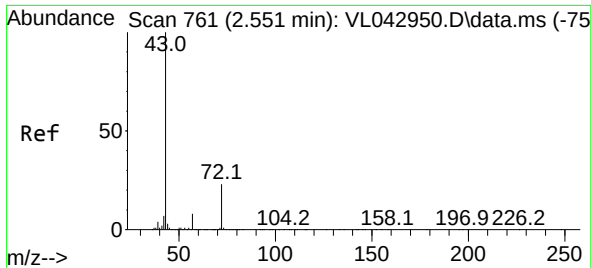
Reviewed By :Semsettin Yesilyurt 09/24/2025
 Supervised By :Mahesh Dadoda 09/26/2025



#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 3.969 min Scan# 1199
 Delta R.T. 0.016 min
 Lab File: VL042993.D
 Acq: 23 Sep 2025 15:49

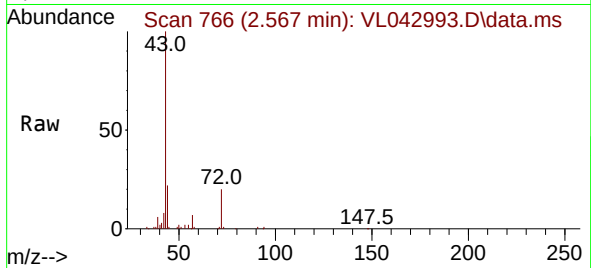
Tgt Ion:114 Resp: 406531
 Ion Ratio Lower Upper
 114 100
 63 26.3 19.4 29.2
 88 17.9 14.2 21.2





#34
2-Butanone
Concen: 0.537 ppbv
RT: 2.567 min Scan# 71
Delta R.T. 0.016 min
Lab File: VL042993.D
Acq: 23 Sep 2025 15:49

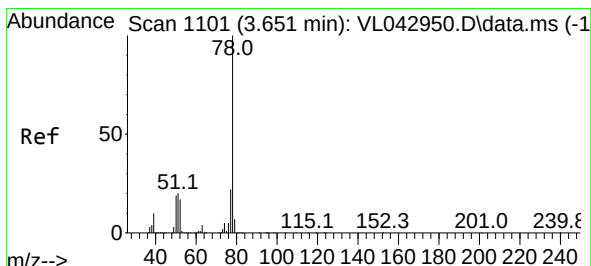
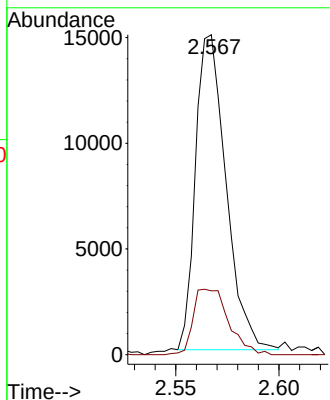
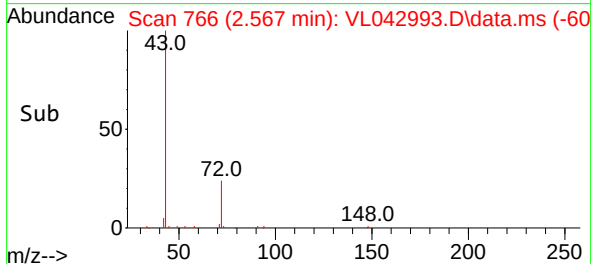
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT3-2025



Tgt Ion: 43 Resp: 15292
Ion Ratio Lower Upper
43 100
72 24.1 17.7 26.5

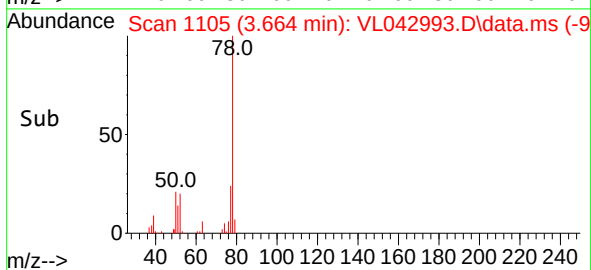
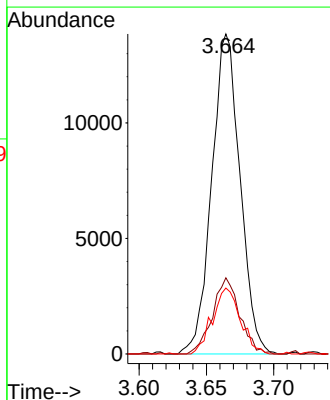
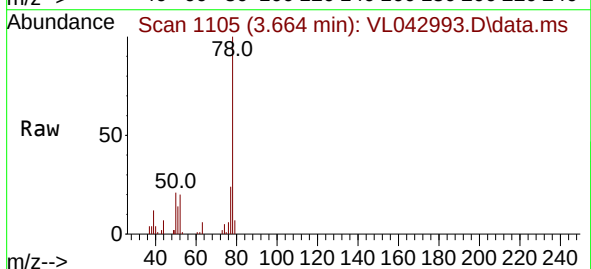
Manual Integrations
APPROVED

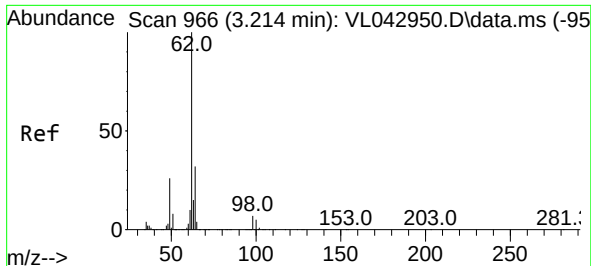
Reviewed By :Semsettin Yesilyurt 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025



#36
Benzene
Concen: 0.530 ppbv
RT: 3.664 min Scan# 1105
Delta R.T. 0.013 min
Lab File: VL042993.D
Acq: 23 Sep 2025 15:49

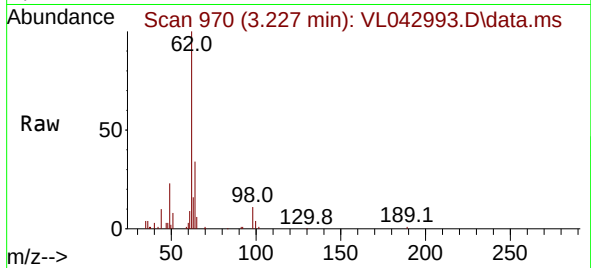
Tgt Ion: 78 Resp: 20248
Ion Ratio Lower Upper
78 100
77 23.8 17.8 26.6
50 20.6 15.0 22.4





#37
1,2-Dichloroethane
Concen: 0.668 ppbv
RT: 3.227 min Scan# 91
Delta R.T. 0.013 min
Lab File: VL042993.D
Acq: 23 Sep 2025 15:49

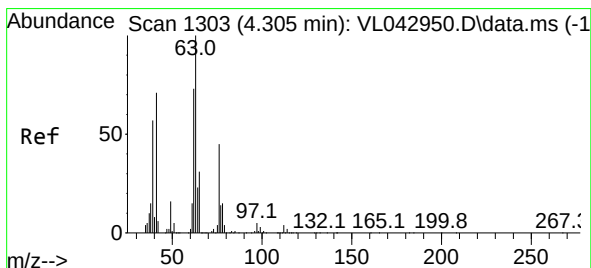
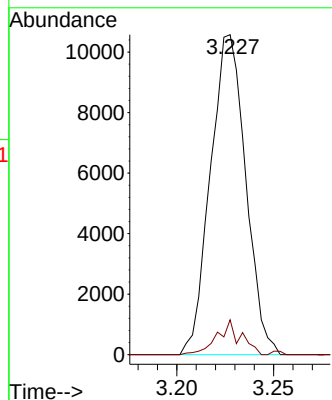
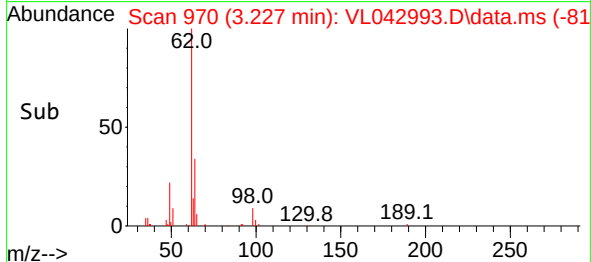
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT3-2025



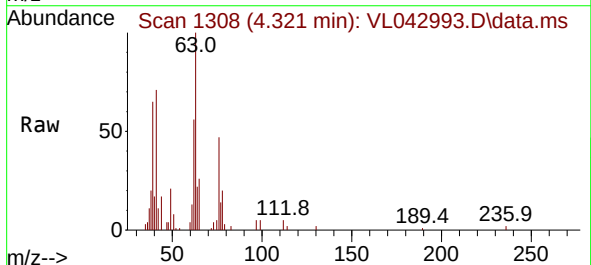
Tgt Ion: 62 Resp: 13418
Ion Ratio Lower Upper
62 100
98 7.6 5.9 8.9

Manual Integrations
APPROVED

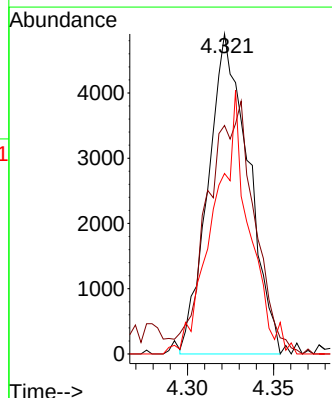
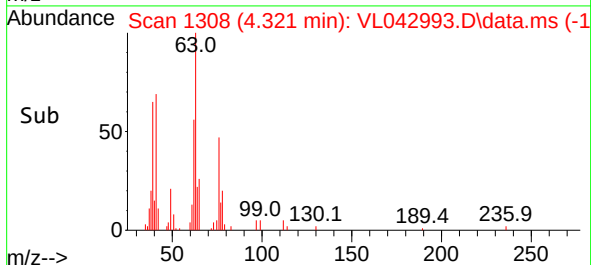
Reviewed By :Semsettin Yesilyurt 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025

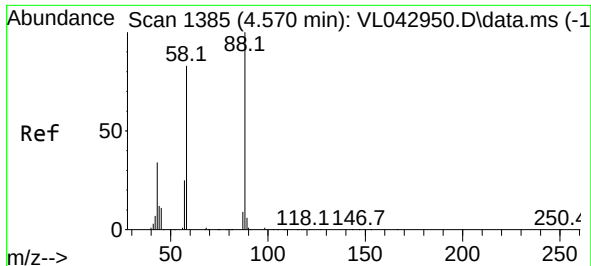


#39
1,2-Dichloropropane
Concen: 0.573 ppbv
RT: 4.321 min Scan# 1308
Delta R.T. 0.016 min
Lab File: VL042993.D
Acq: 23 Sep 2025 15:49



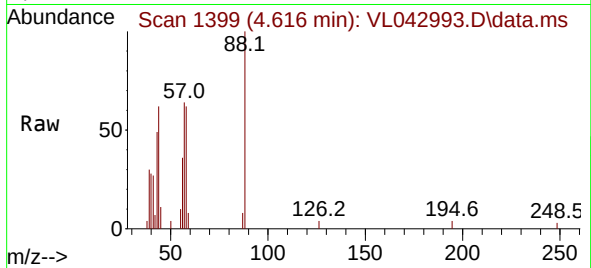
Tgt Ion: 63 Resp: 7990
Ion Ratio Lower Upper
63 100
41 66.4 57.5 86.3
62 54.9 58.5 87.7#





#40
1,4-Dioxane
Concen: 0.465 ppbv m
RT: 4.616 min Scan# 1385
Delta R.T. 0.046 min
Lab File: VL042993.D
Acq: 23 Sep 2025 15:49

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT3-2025

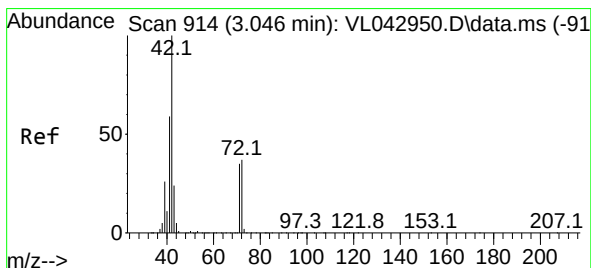
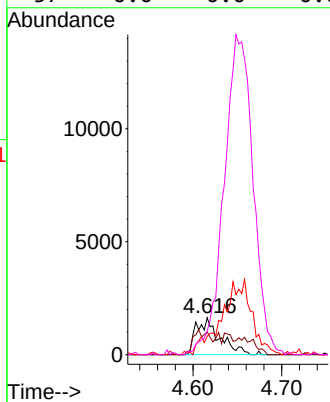
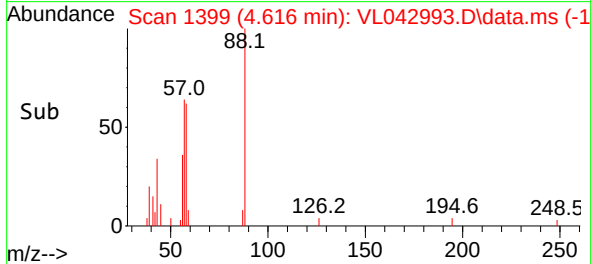


Tgt Ion: 88 Resp: 3014

Ion	Ratio	Lower	Upper
88	100		
58	60.1	59.7	89.5
43	0.0	28.9	43.3
57	0.0	0.0	0.0

Manual Integrations
APPROVED

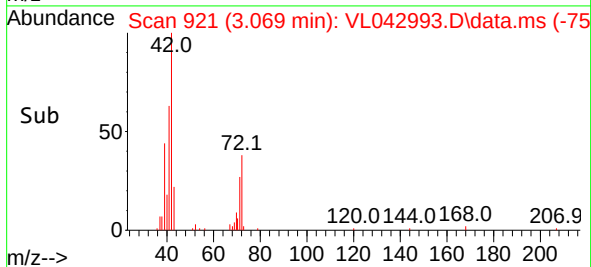
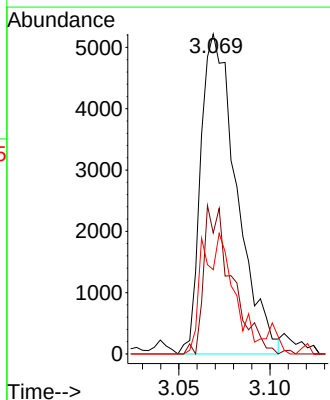
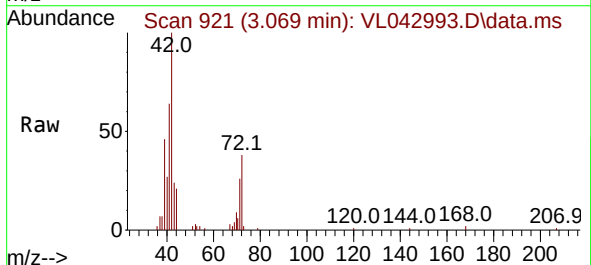
Reviewed By :Semsettin Yesilyurt 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025

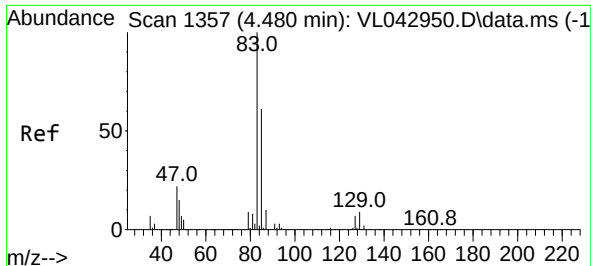


#41
Tetrahydrofuran
Concen: 0.438 ppbv
RT: 3.069 min Scan# 921
Delta R.T. 0.023 min
Lab File: VL042993.D
Acq: 23 Sep 2025 15:49

Tgt Ion: 42 Resp: 7174

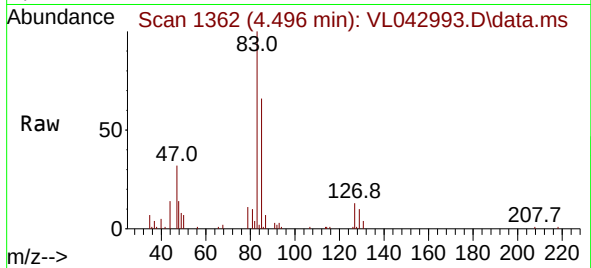
Ion	Ratio	Lower	Upper
42	100		
72	36.6	30.0	45.0
71	37.1	28.8	43.2





#42
Bromodichloromethane
Concen: 0.610 ppbv m
RT: 4.496 min Scan# 1362
Delta R.T. 0.016 min
Lab File: VL042993.D
Acq: 23 Sep 2025 15:49

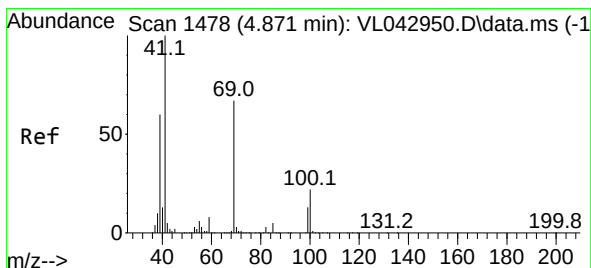
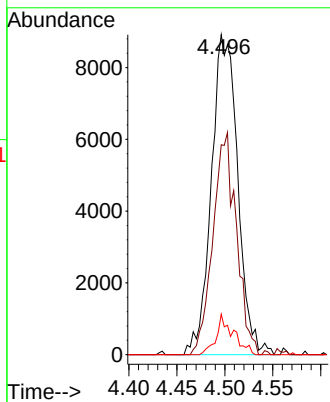
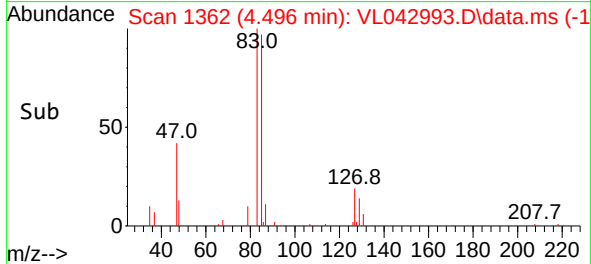
Instrument : MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT3-2025



Tgt Ion: 83 Resp: 1704
Ion Ratio Lower Upper
83 100
85 65.6 49.0 73.6
127 12.7 5.3 7.9

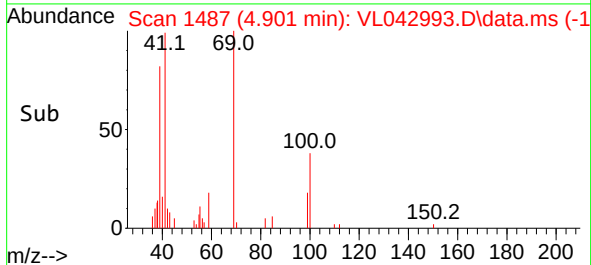
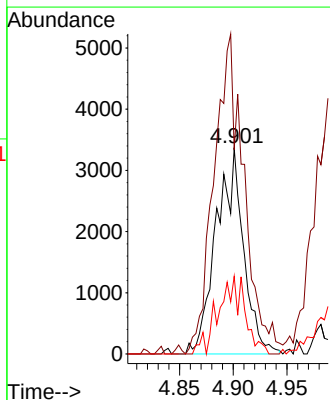
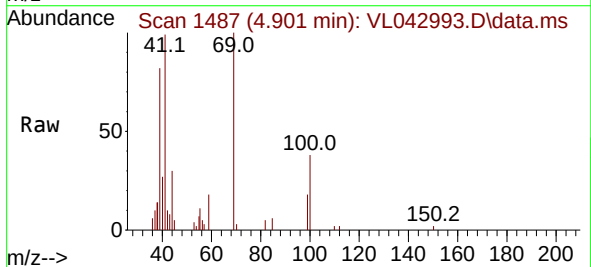
Manual Integrations
APPROVED

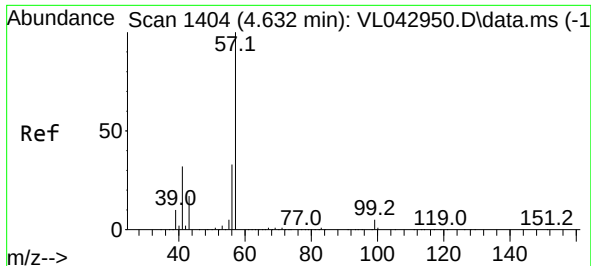
Reviewed By :Semsettin Yesilyurt 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025



#43
Methyl Methacrylate
Concen: 0.382 ppbv m
RT: 4.901 min Scan# 1487
Delta R.T. 0.029 min
Lab File: VL042993.D
Acq: 23 Sep 2025 15:49

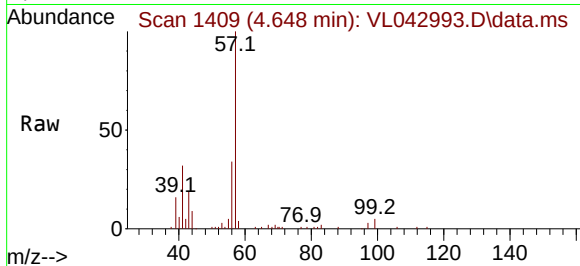
Tgt Ion: 69 Resp: 5968
Ion Ratio Lower Upper
69 100
41 0.0 124.5 186.7#
100 0.0 29.0 43.6#





#44
2,2,4-Trimethylpentane
Concen: 0.487 ppbv
RT: 4.648 min Scan# 1409
Delta R.T. 0.016 min
Lab File: VL042993.D
Acq: 23 Sep 2025 15:49

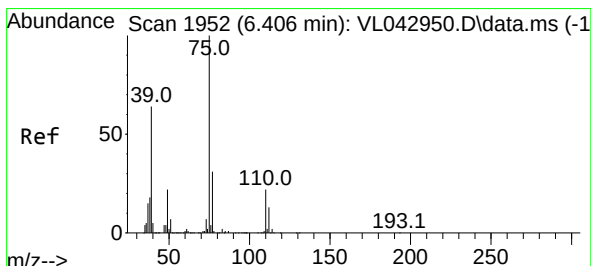
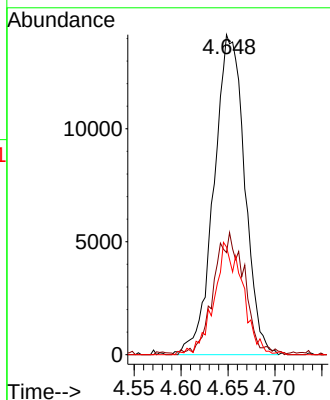
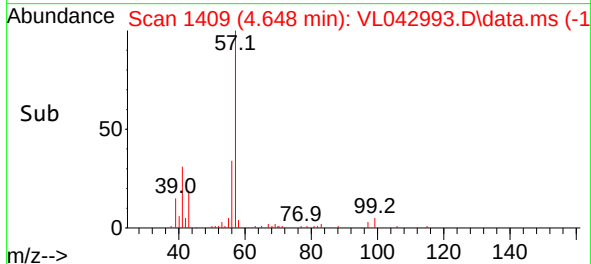
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT3-2025



Tgt Ion: 57 Resp: 32124
Ion Ratio Lower Upper
57 100
41 39.5 25.5 38.3
56 33.1 25.8 38.8

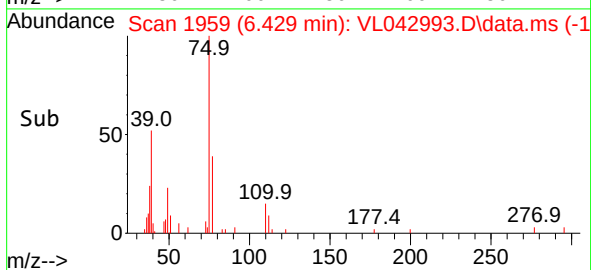
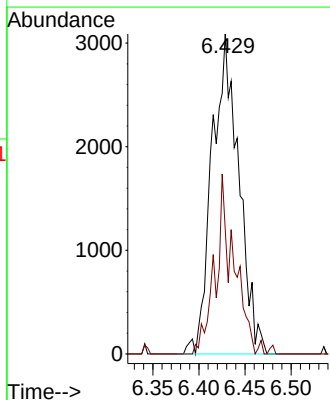
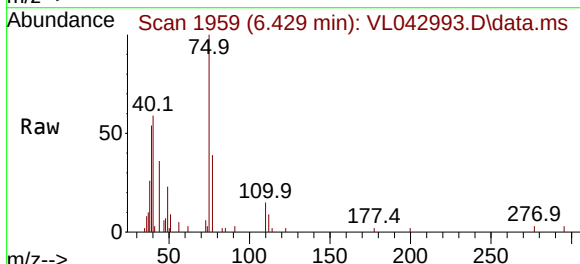
Manual Integrations
APPROVED

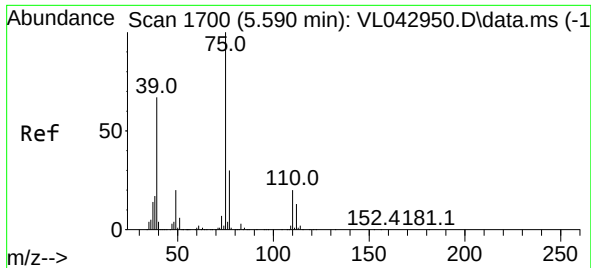
Reviewed By :Semsettin Yesilyurt 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025



#45
t-1,3-Dichloropropene
Concen: 0.373 ppbv m
RT: 6.429 min Scan# 1959
Delta R.T. 0.023 min
Lab File: VL042993.D
Acq: 23 Sep 2025 15:49

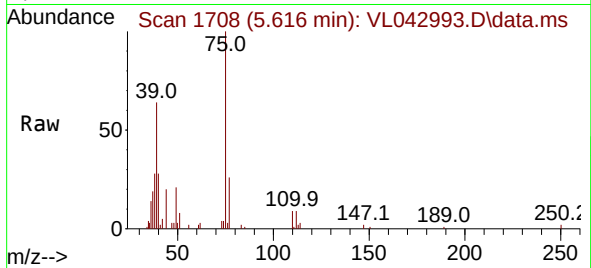
Tgt Ion: 75 Resp: 6211
Ion Ratio Lower Upper
75 100
77 38.9 25.0 37.4





#46
 cis-1,3-Dichloropropene
 Concen: 0.453 ppbv m
 RT: 5.616 min Scan# 1708
 Delta R.T. 0.026 min
 Lab File: VL042993.D
 Acq: 23 Sep 2025 15:49

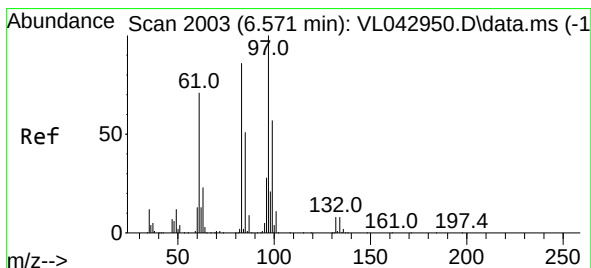
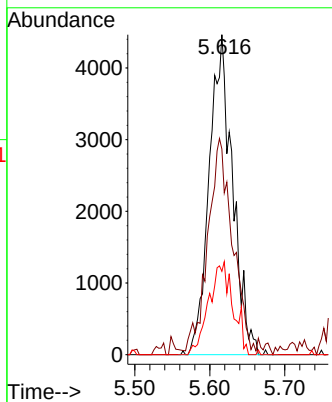
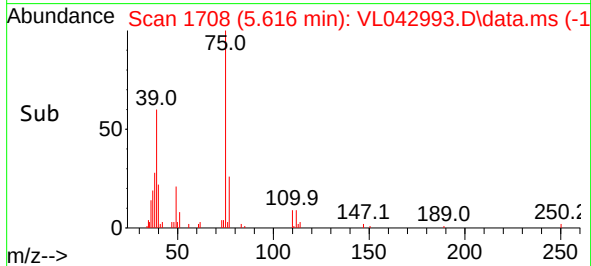
Instrument : MSVOA_L
 ClientSampleId :
 LOQ-AIR-02-QT3-2025



Tgt Ion: 75 Resp: 9609
 Ion Ratio Lower Upper
 75 100
 39 64.2 53.8 80.6
 77 26.1 23.6 35.4

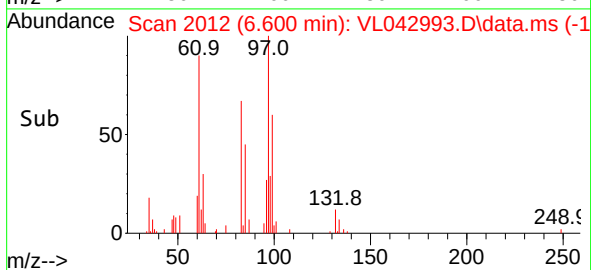
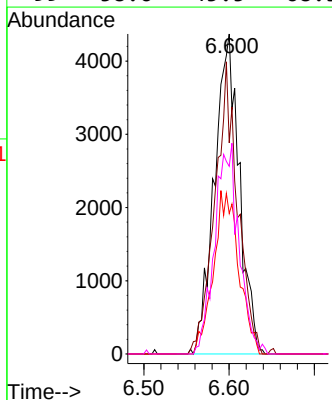
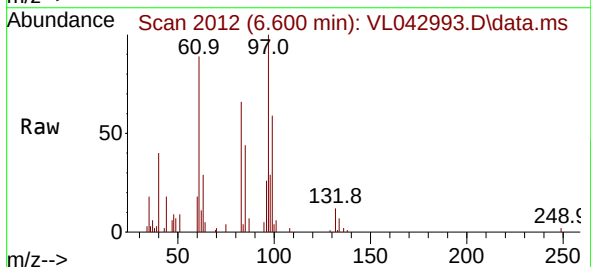
Manual Integrations
 APPROVED

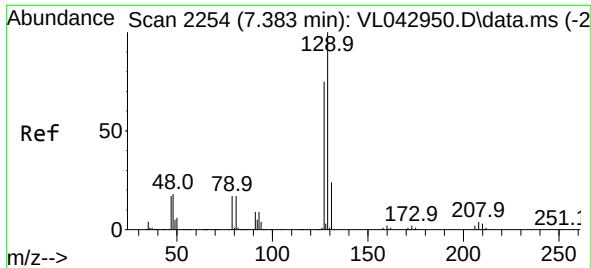
Reviewed By :Semsettin Yesilyurt 09/24/2025
 Supervised By :Mahesh Dadoda 09/26/2025



#47
 1,1,2-Trichloroethane
 Concen: 0.600 ppbv m
 RT: 6.600 min Scan# 2012
 Delta R.T. 0.029 min
 Lab File: VL042993.D
 Acq: 23 Sep 2025 15:49

Tgt Ion: 97 Resp: 8835
 Ion Ratio Lower Upper
 97 100
 83 66.0 68.7 103.1#
 85 43.9 40.6 60.8
 99 58.6 45.5 68.3





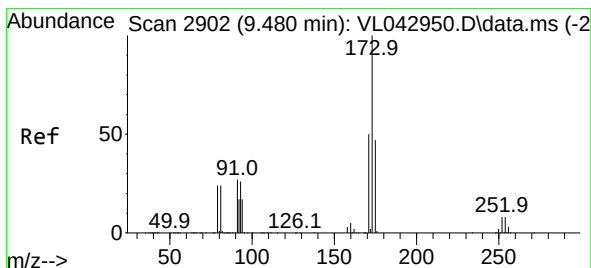
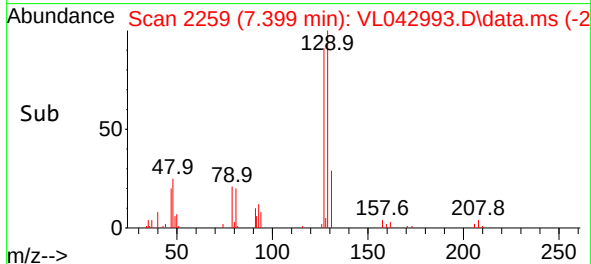
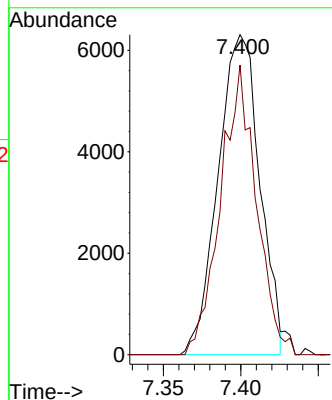
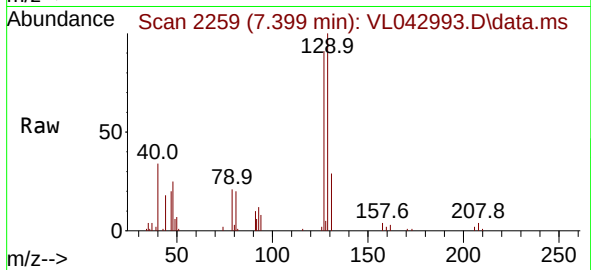
#48
 Dibromochloromethane
 Concen: 0.502 ppbv
 RT: 7.399 min Scan# 211
 Delta R.T. 0.016 min
 Lab File: VL042993.D
 Acq: 23 Sep 2025 15:49

Instrument :
 MSVOA_L
 ClientSampleId :
 LOQ-AIR-02-QT3-2025

Tgt Ion:129 Resp: 11810
 Ion Ratio Lower Upper
 129 100
 127 77.7 39.1 117.2

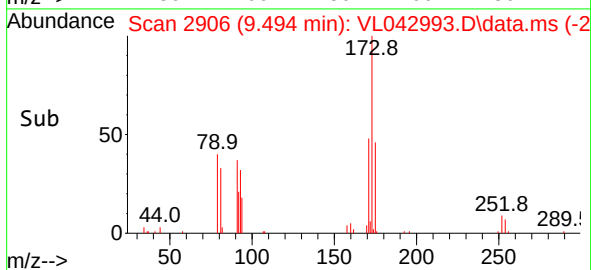
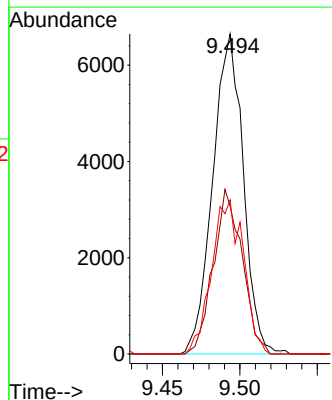
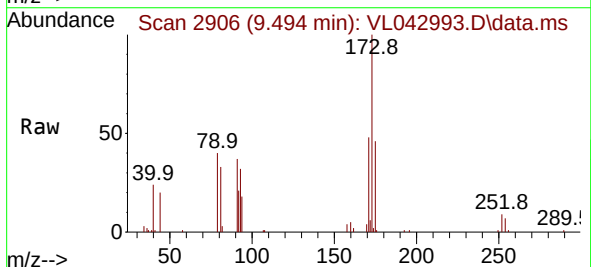
Manual Integrations
 APPROVED

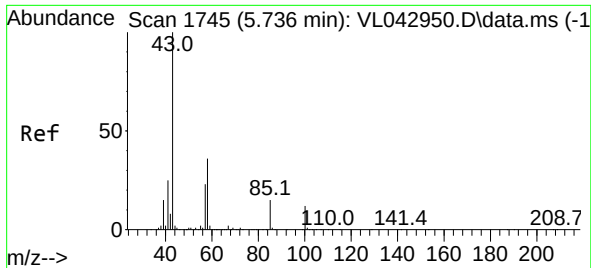
Reviewed By :Semsettin Yesilyurt 09/24/2025
 Supervised By :Mahesh Dadoda 09/26/2025



#49
 Bromoform
 Concen: 0.444 ppbv
 RT: 9.494 min Scan# 2906
 Delta R.T. 0.013 min
 Lab File: VL042993.D
 Acq: 23 Sep 2025 15:49

Tgt Ion:173 Resp: 9101
 Ion Ratio Lower Upper
 173 100
 175 48.7 37.9 56.9
 171 50.5 41.1 61.7





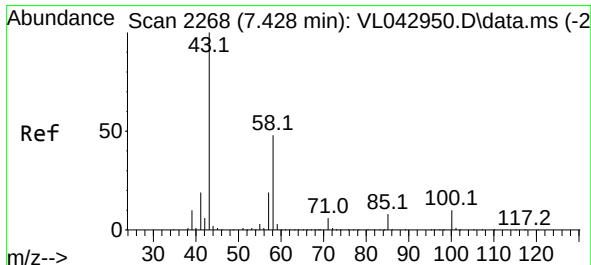
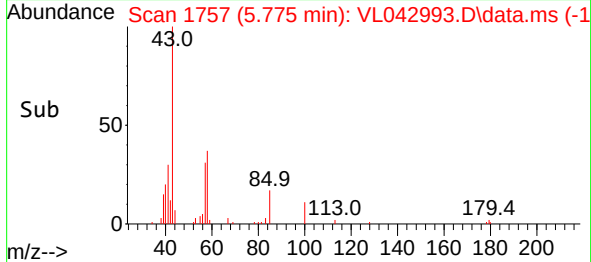
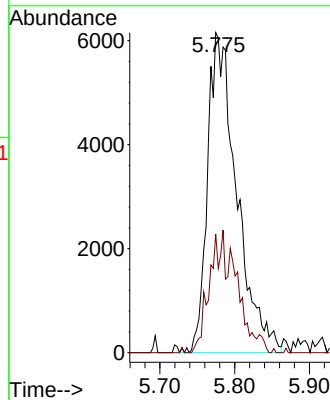
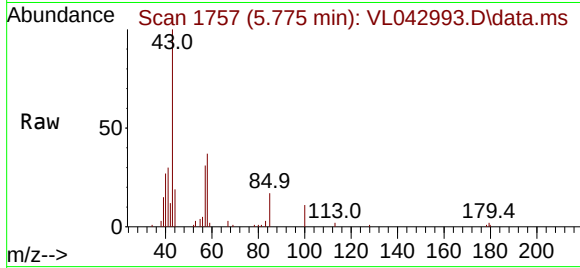
#50
4-Methyl-2-Pentanone
Concen: 0.435 ppbv m
RT: 5.775 min Scan# 1757
Delta R.T. 0.039 min
Lab File: VL042993.D
Acq: 23 Sep 2025 15:49

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT3-2025

Tgt Ion: 43 Resp: 1661
Ion Ratio Lower Upper
43 100
58 0.0 28.4 42.6

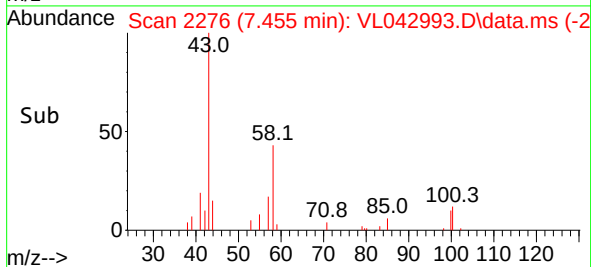
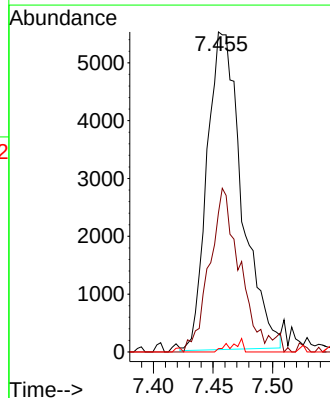
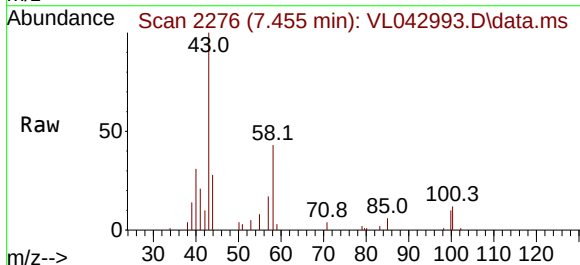
Manual Integrations
APPROVED

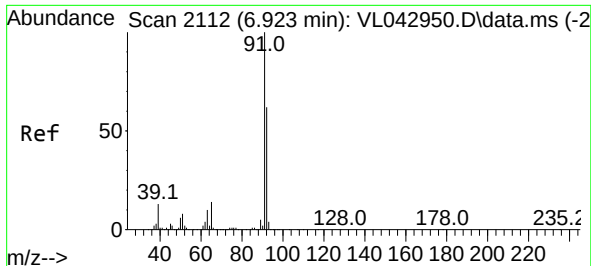
Reviewed By :Semsettin Yesilyurt 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025



#51
2-Hexanone
Concen: 0.367 ppbv
RT: 7.455 min Scan# 2276
Delta R.T. 0.026 min
Lab File: VL042993.D
Acq: 23 Sep 2025 15:49

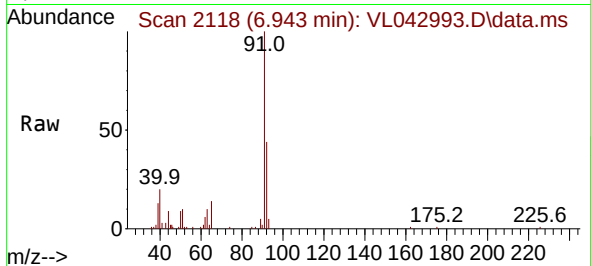
Tgt Ion: 43 Resp: 11168
Ion Ratio Lower Upper
43 100
58 45.8 39.7 59.5
98 1.4 0.1 0.1





#53
Toluene
Concen: 0.412 ppbv m
RT: 6.943 min Scan# 2112
Delta R.T. 0.020 min
Lab File: VL042993.D
Acq: 23 Sep 2025 15:49

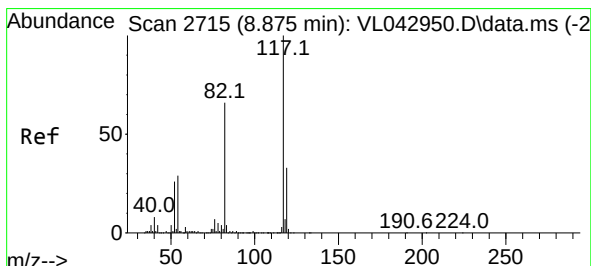
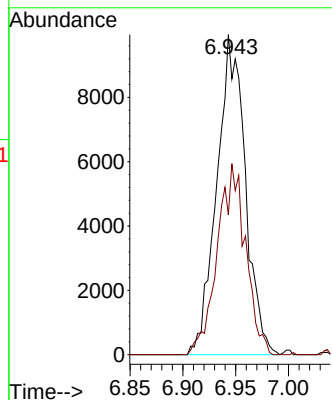
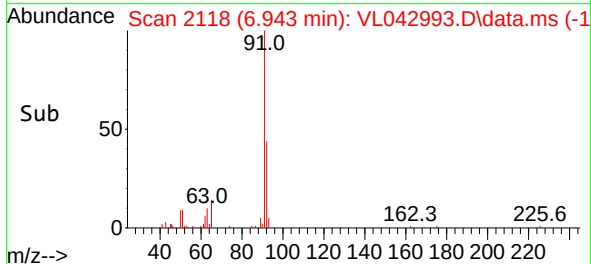
Instrument : MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT3-2025



Tgt Ion: 91 Resp: 18594
Ion Ratio Lower Upper
91 100
92 59.4 48.2 72.2

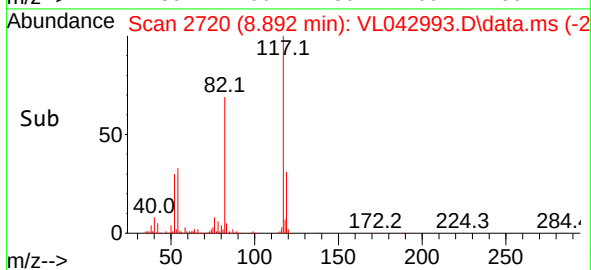
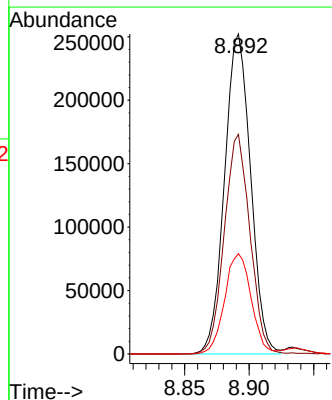
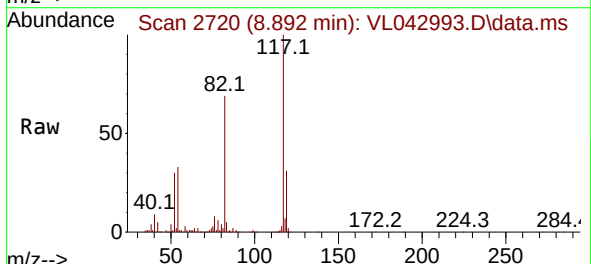
Manual Integrations
APPROVED

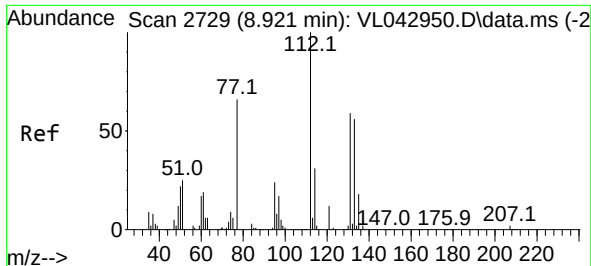
Reviewed By :Semsettin Yesilyurt 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.892 min Scan# 2720
Delta R.T. 0.016 min
Lab File: VL042993.D
Acq: 23 Sep 2025 15:49

Tgt Ion:117 Resp: 354646
Ion Ratio Lower Upper
117 100
82 67.6 52.8 79.2
119 33.6 26.5 39.7





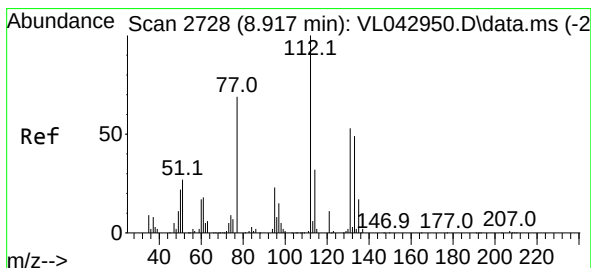
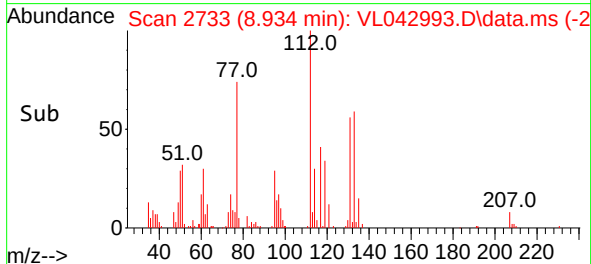
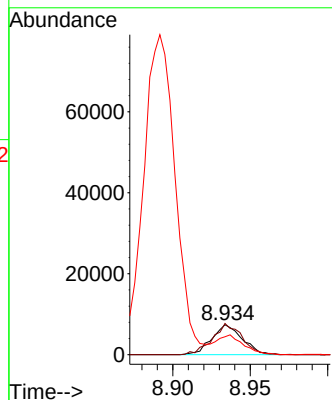
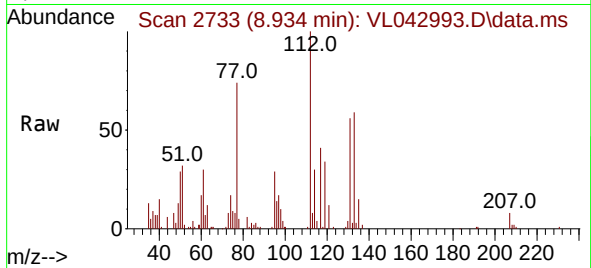
#56
1,1,1,2-Tetrachloroethane
Concen: 0.595 ppbv
RT: 8.934 min Scan# 2733
Delta R.T. 0.013 min
Lab File: VL042993.D
Acq: 23 Sep 2025 15:49

Instrument : MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT3-2025

Tgt Ion:131 Resp: 1010
Ion Ratio Lower Upper
131 100
133 101.2 76.6 114.8
119 1180.9 49.9 74.9

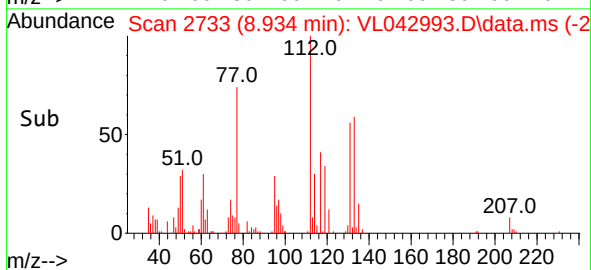
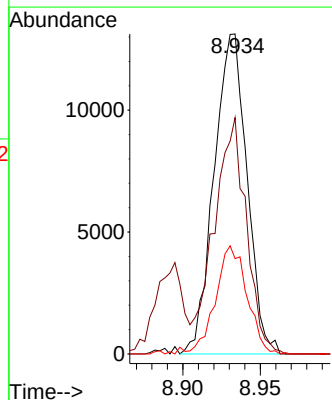
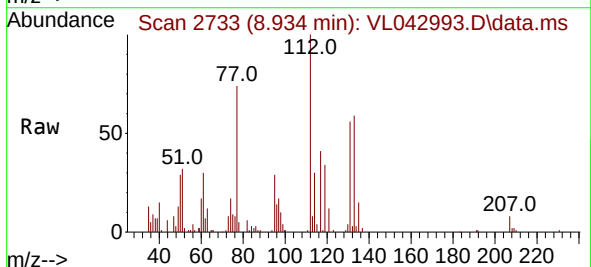
Manual Integrations
APPROVED

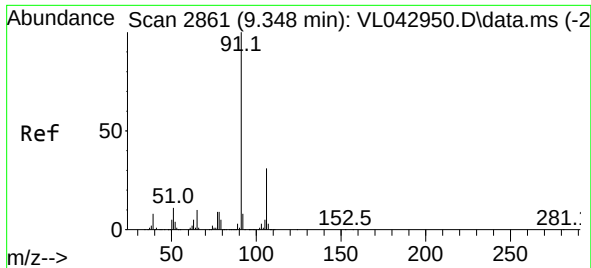
Reviewed By :Semsettin Yesilyurt 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025



#57
Chlorobenzene
Concen: 0.600 ppbv
RT: 8.934 min Scan# 2733
Delta R.T. 0.016 min
Lab File: VL042993.D
Acq: 23 Sep 2025 15:49

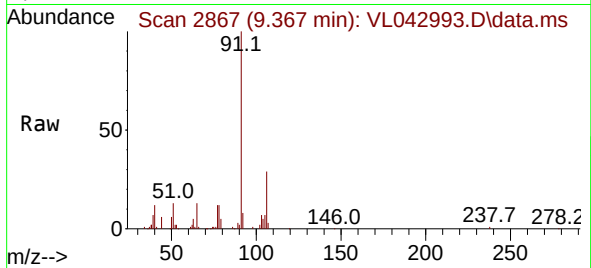
Tgt Ion:112 Resp: 19441
Ion Ratio Lower Upper
112 100
77 72.9 55.7 83.5
114 29.8 28.6 35.0





#58
Ethyl Benzene
Concen: 0.409 ppbv
RT: 9.367 min Scan# 21
Delta R.T. 0.020 min
Lab File: VL042993.D
Acq: 23 Sep 2025 15:49

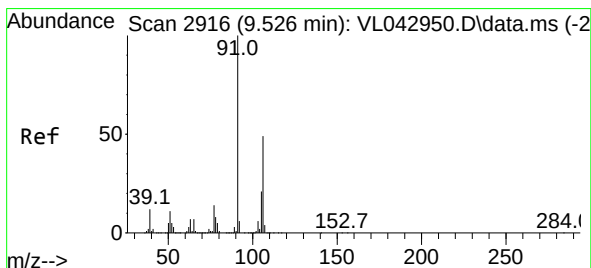
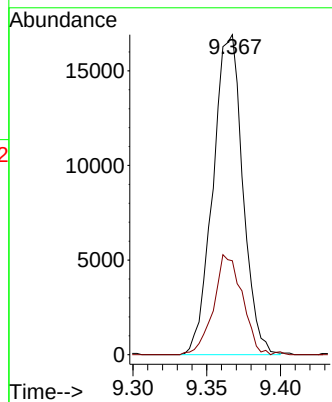
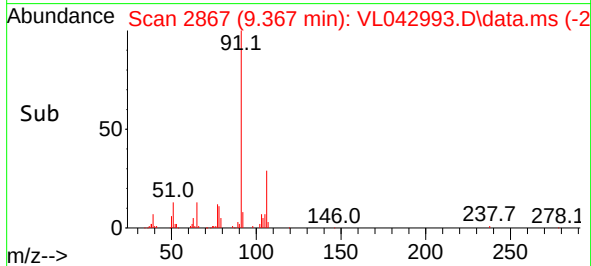
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT3-2025



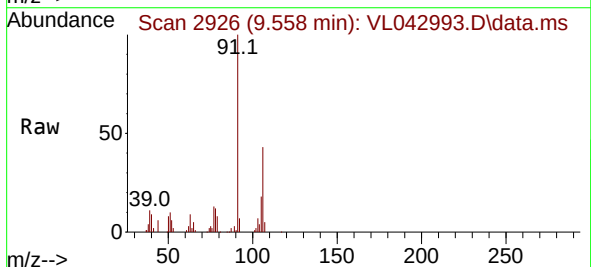
Tgt Ion: 91 Resp: 23824
Ion Ratio Lower Upper
91 100
106 29.4 24.6 37.0

Manual Integrations
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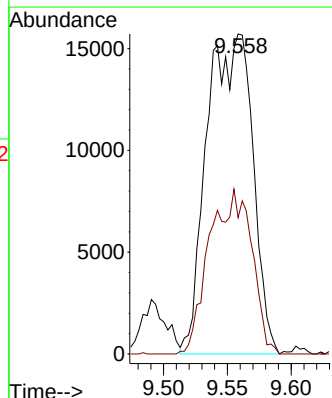
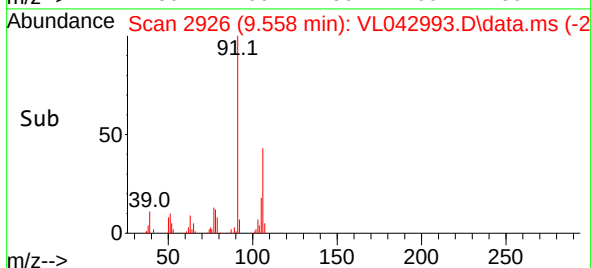
Reviewed By :Semsettin Yesilyurt 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025

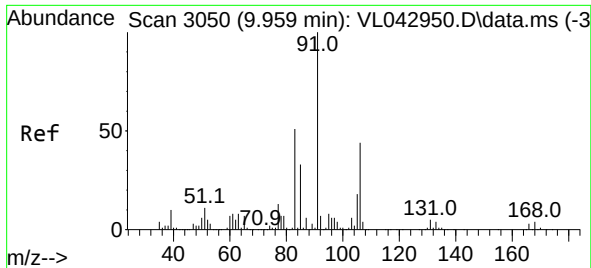


#59
m/p-Xylene
Concen: 0.855 ppbv m
RT: 9.558 min Scan# 2926
Delta R.T. 0.033 min
Lab File: VL042993.D
Acq: 23 Sep 2025 15:49



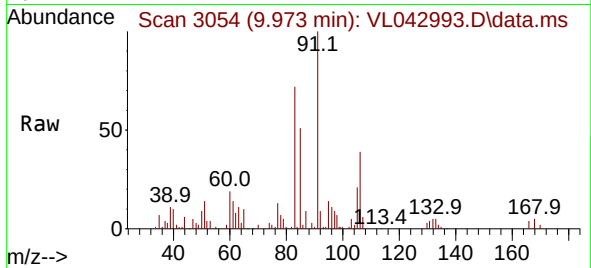
Tgt Ion: 91 Resp: 39265
Ion Ratio Lower Upper
91 100
106 0.0 0.0 0.0





#60
o-Xylene
Concen: 0.424 ppbv
RT: 9.973 min Scan# 3050
Delta R.T. 0.013 min
Lab File: VL042993.D
Acq: 23 Sep 2025 15:49

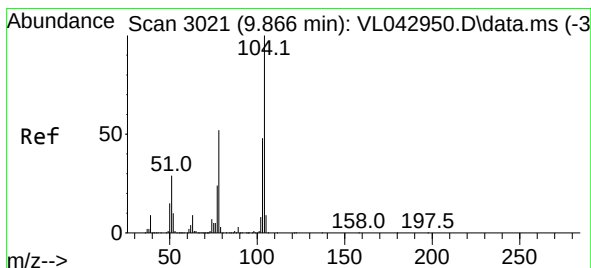
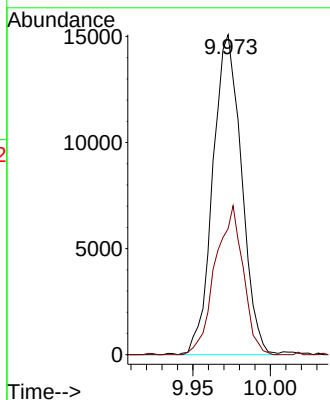
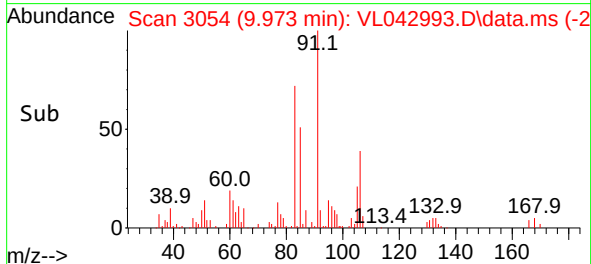
Instrument : MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT3-2025



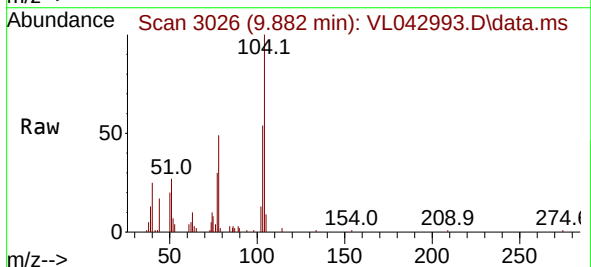
Tgt Ion: 91 Resp: 1943
Ion Ratio Lower Upper
91 100
106 45.4 22.4 67.0

Manual Integrations
APPROVED

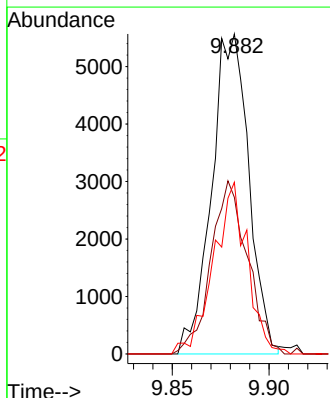
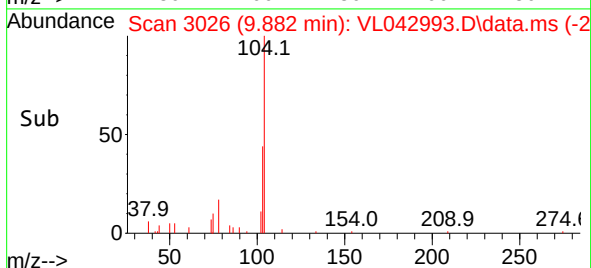
Reviewed By :Semsettin Yesilyurt 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025

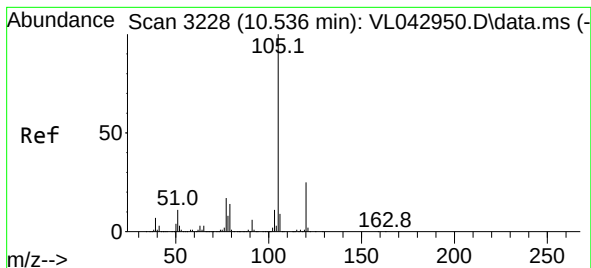


#61
Styrene
Concen: 0.343 ppbv
RT: 9.882 min Scan# 3026
Delta R.T. 0.016 min
Lab File: VL042993.D
Acq: 23 Sep 2025 15:49



Tgt Ion:104 Resp: 7436
Ion Ratio Lower Upper
104 100
78 53.3 39.9 59.9
103 48.9 36.9 55.3





#62

Isopropylbenzene

Concen: 0.453 ppbv

RT: 10.549 min Scan# 31

Delta R.T. 0.013 min

Lab File: VL042993.D

Acq: 23 Sep 2025 15:49

Instrument :

MSVOA_L

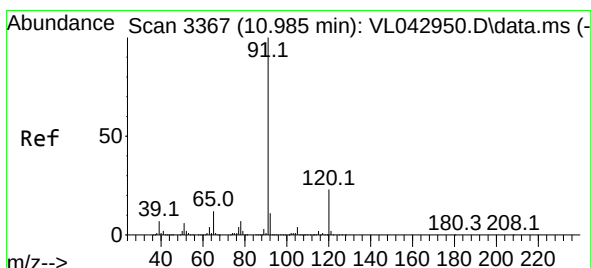
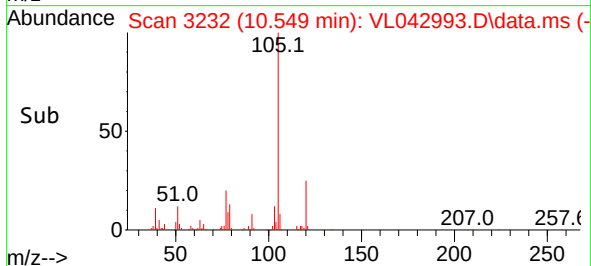
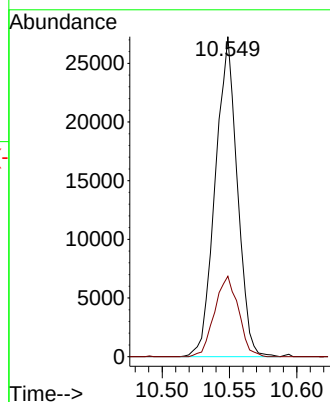
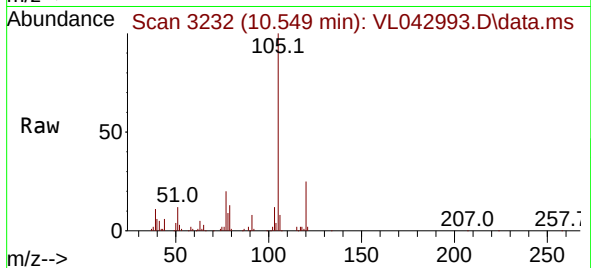
ClientSampleId :

LOQ-AIR-02-QT3-2025

Tgt Ion:105 Resp: 3098
 Ion Ratio Lower Upper
 105 100
 120 27.3 20.6 30.8

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 09/24/2025
 Supervised By :Mahesh Dadoda 09/26/2025



#64

n-propylbenzene

Concen: 0.427 ppbv

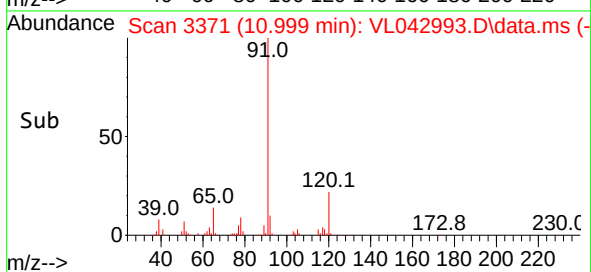
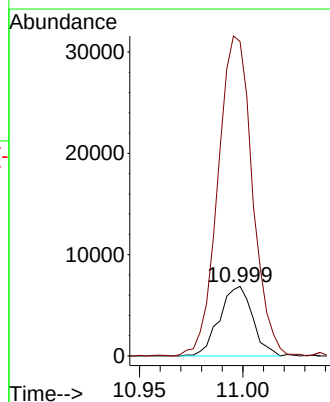
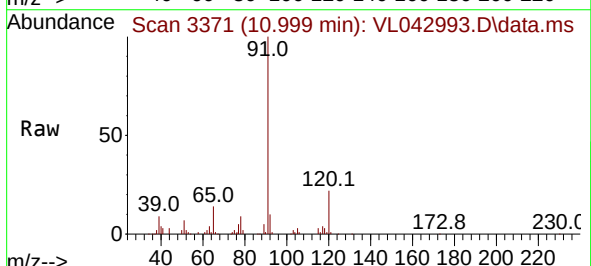
RT: 10.999 min Scan# 3371

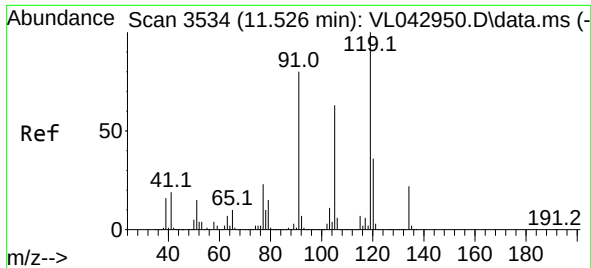
Delta R.T. 0.013 min

Lab File: VL042993.D

Acq: 23 Sep 2025 15:49

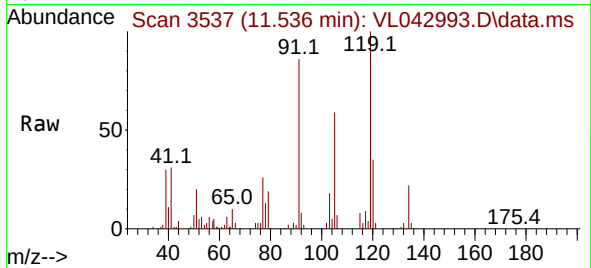
Tgt Ion:120 Resp: 7633
 Ion Ratio Lower Upper
 120 100
 91 485.3 364.9 547.3





#65
tert-Butylbenzene
Concen: 0.407 ppbv
RT: 11.536 min Scan# 3537
Delta R.T. 0.010 min
Lab File: VL042993.D
Acq: 23 Sep 2025 15:49

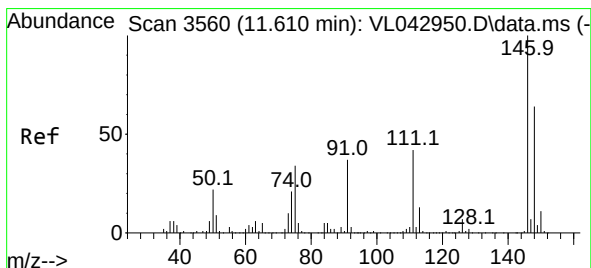
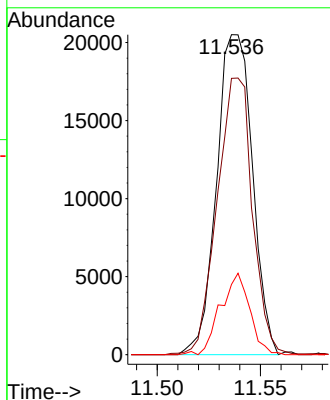
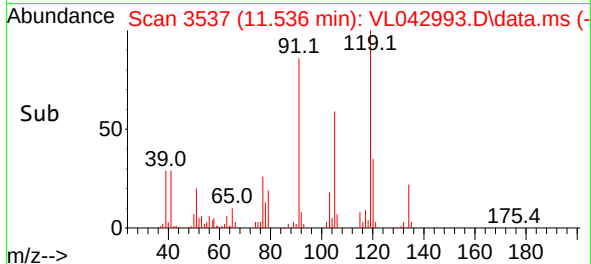
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT3-2025



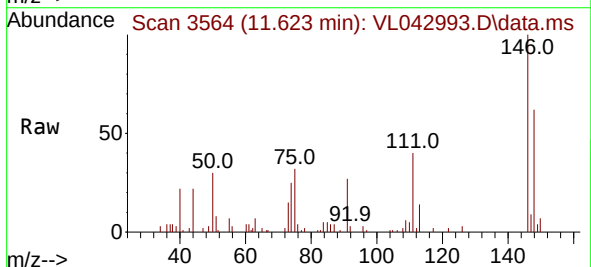
Tgt Ion: 119 Resp: 24749
Ion Ratio Lower Upper
119 100
91 85.2 63.1 94.7
134 20.8 17.0 25.6

Manual Integrations
APPROVED

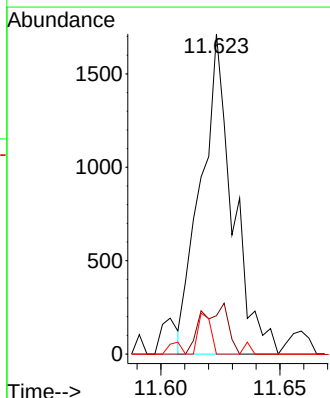
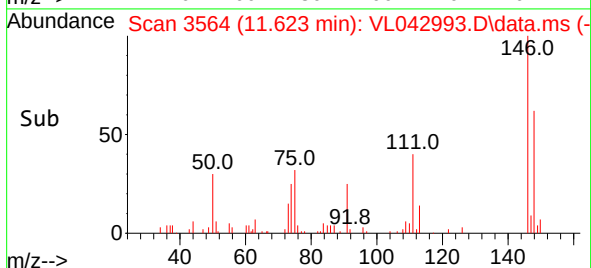
Reviewed By :Semsettin Yesilyurt 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025

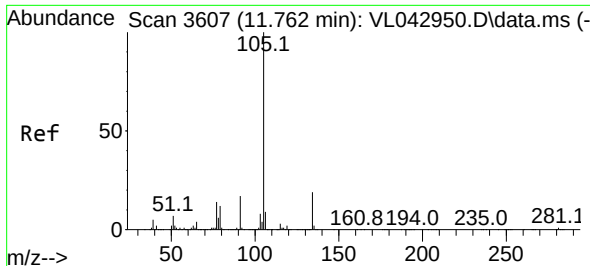


#66
Benzyl Chloride
Concen: 0.250 ppbv
RT: 11.623 min Scan# 3564
Delta R.T. 0.013 min
Lab File: VL042993.D
Acq: 23 Sep 2025 15:49



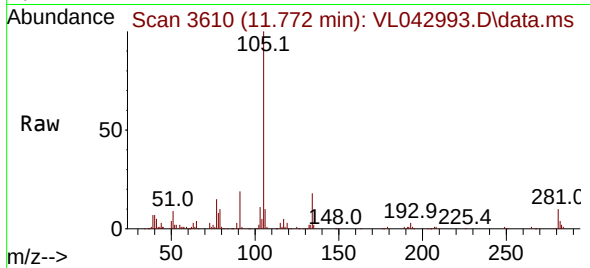
Tgt Ion: 91 Resp: 1593
Ion Ratio Lower Upper
91 100
126 12.8 14.6 21.8#
128 7.2 5.0 7.4





#67
 sec-Butylbenzene
 Concen: 0.453 ppbv
 RT: 11.772 min Scan# 30
 Delta R.T. 0.010 min
 Lab File: VL042993.D
 Acq: 23 Sep 2025 15:49

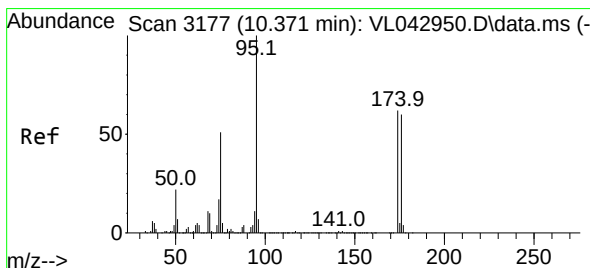
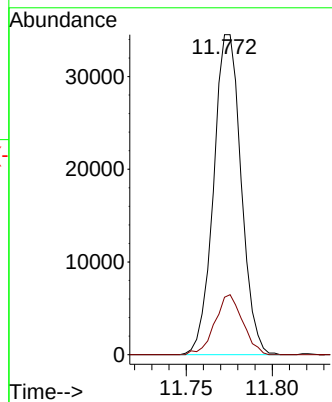
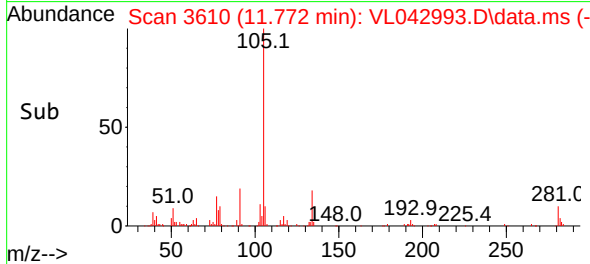
Instrument :
 MSVOA_L
 ClientSampleId :
 LOQ-AIR-02-QT3-2025



Tgt Ion:105 Resp: 38430
 Ion Ratio Lower Upper
 105 100
 134 18.9 15.7 23.5

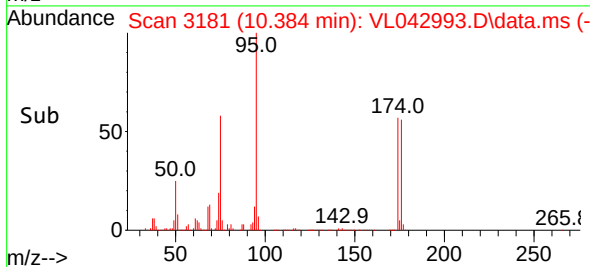
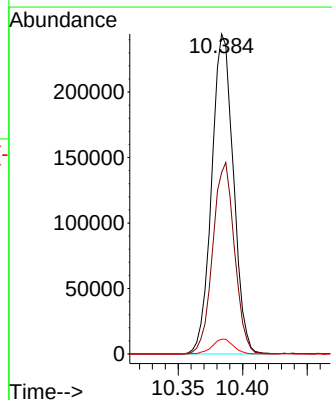
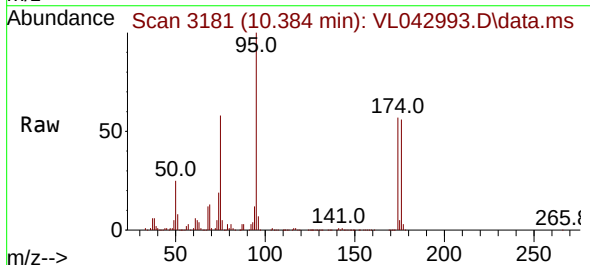
Manual Integrations
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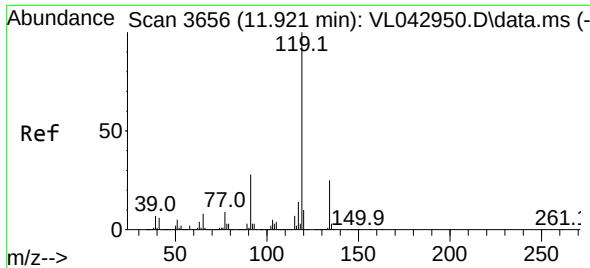
Reviewed By :Semsettin Yesilyurt 09/24/2025
 Supervised By :Mahesh Dadoda 09/26/2025



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.794 ppbv
 RT: 10.384 min Scan# 3181
 Delta R.T. 0.013 min
 Lab File: VL042993.D
 Acq: 23 Sep 2025 15:49

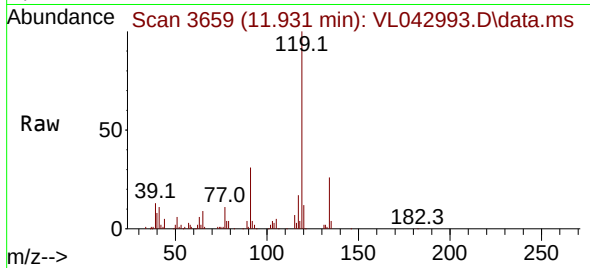
Tgt Ion: 95 Resp: 285762
 Ion Ratio Lower Upper
 95 100
 174 59.9 51.4 77.2
 175 4.5 4.0 6.0





#69
p-Isopropyltoluene
Concen: 0.397 ppbv
RT: 11.931 min Scan# 3659
Delta R.T. 0.010 min
Lab File: VL042993.D
Acq: 23 Sep 2025 15:49

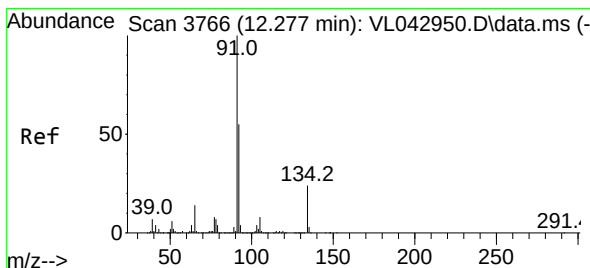
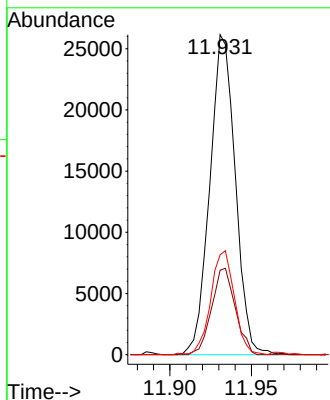
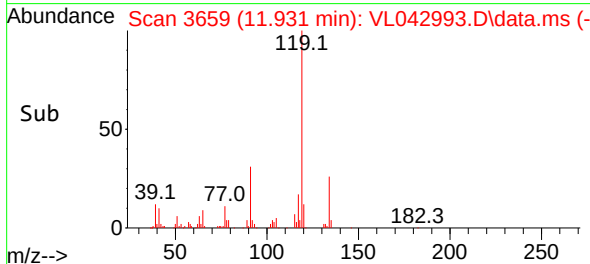
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT3-2025



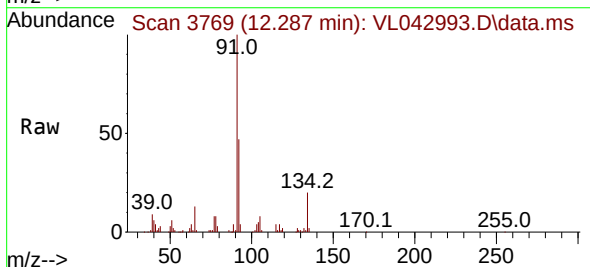
Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.1	21.0	31.4
91	30.8	22.3	33.5

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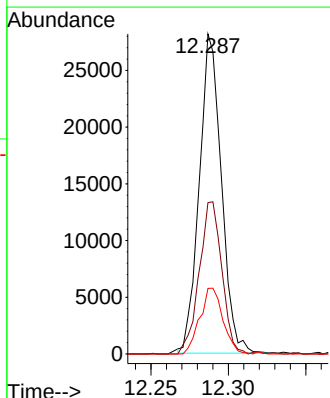
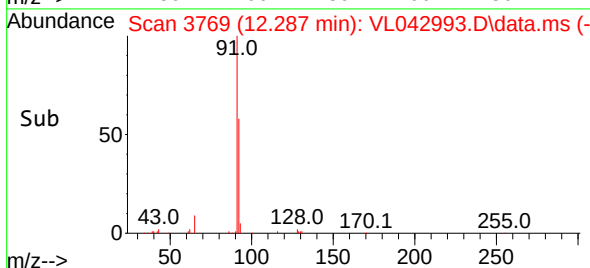
Reviewed By :Semsettin Yesilyurt 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025

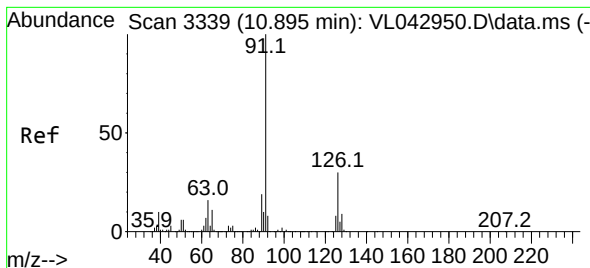


#70
n-Butylbenzene
Concen: 0.398 ppbv
RT: 12.287 min Scan# 3769
Delta R.T. 0.010 min
Lab File: VL042993.D
Acq: 23 Sep 2025 15:49



Tgt Ion	Ratio	Lower	Upper
91	100		
92	49.2	44.0	66.0
134	21.8	19.4	29.2





#71

2-Chlorotoluene

Concen: 0.439 ppbv

RT: 10.908 min Scan# 31

Delta R.T. 0.013 min

Lab File: VL042993.D

Acq: 23 Sep 2025 15:49

Instrument :

MSVOA_L

ClientSampleId :

LOQ-AIR-02-QT3-2025

Tgt Ion: 91 Resp: 22664

Ion Ratio Lower Upper

91 100

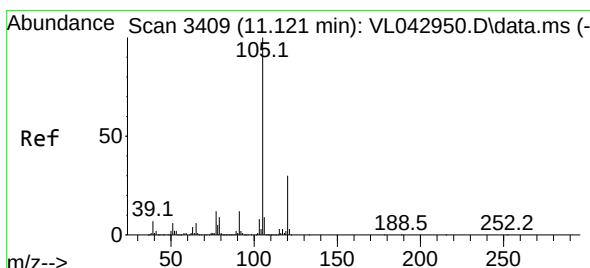
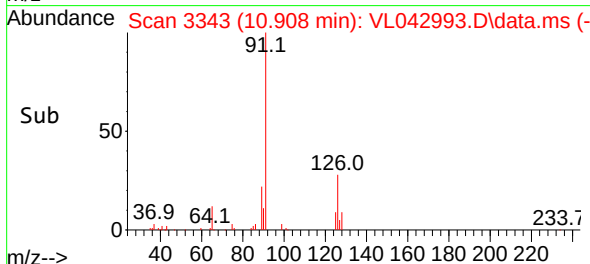
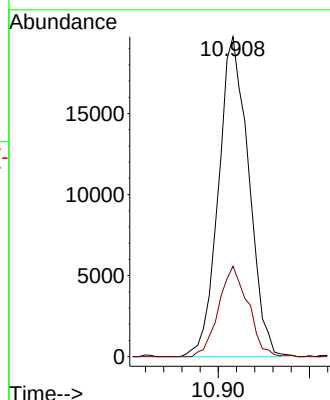
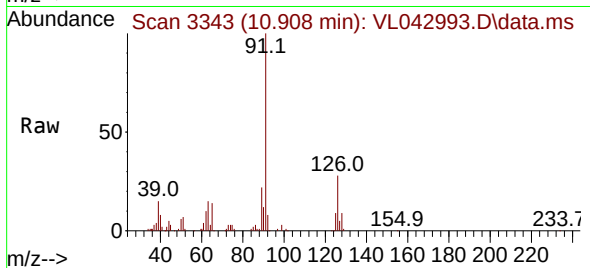
126 27.7 12.3 49.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/24/2025

Supervised By :Mahesh Dadoda 09/26/2025



#72

4-Ethyltoluene

Concen: 0.395 ppbv

RT: 11.131 min Scan# 3412

Delta R.T. 0.010 min

Lab File: VL042993.D

Acq: 23 Sep 2025 15:49

Tgt Ion:105 Resp: 22688

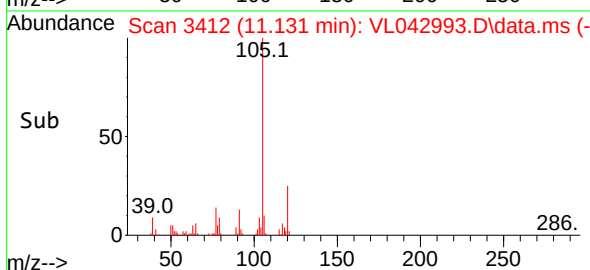
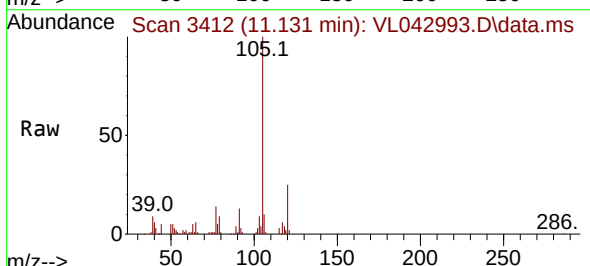
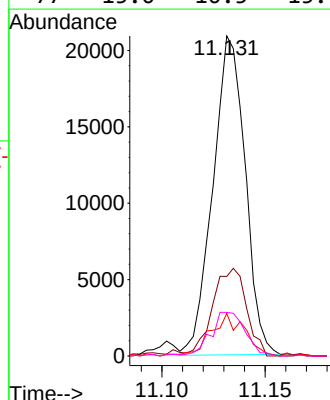
Ion Ratio Lower Upper

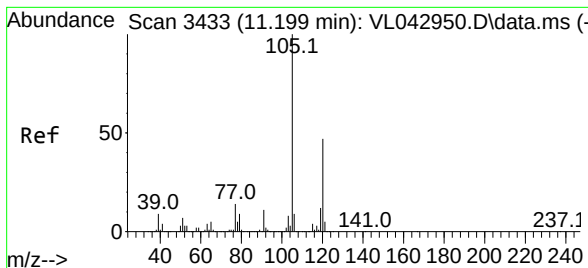
105 100

120 30.1 24.2 36.2

91 14.5 10.0 15.0

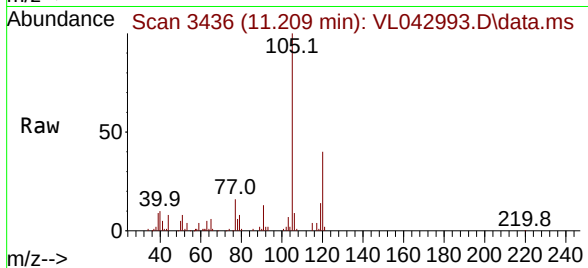
77 15.0 10.5 15.7





#73
1,3,5-Trimethylbenzene
Concen: 0.410 ppbv
RT: 11.209 min Scan# 3433
Delta R.T. 0.010 min
Lab File: VL042993.D
Acq: 23 Sep 2025 15:49

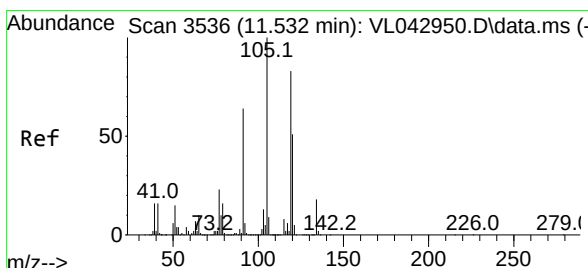
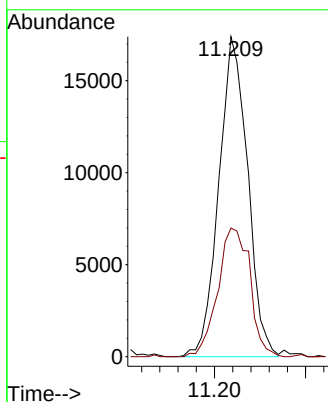
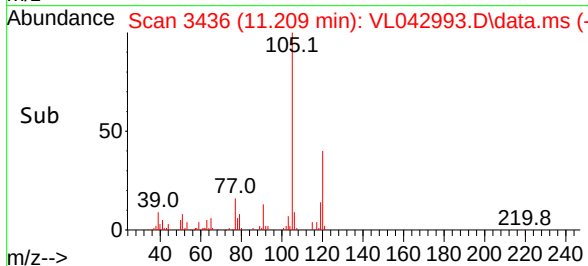
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT3-2025



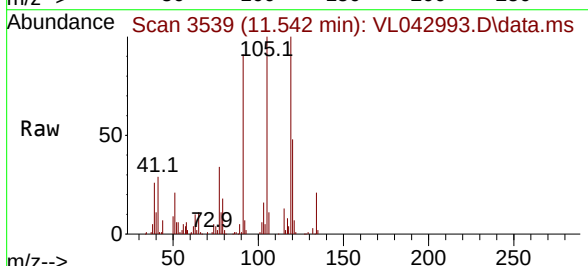
Tgt Ion:105 Resp: 19089
Ion Ratio Lower Upper
105 100
120 40.2 38.0 57.0

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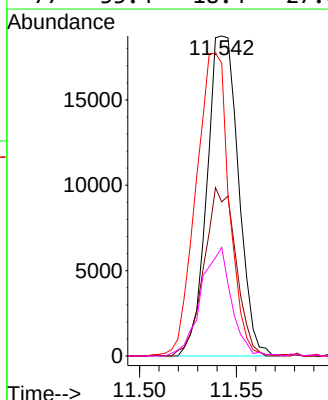
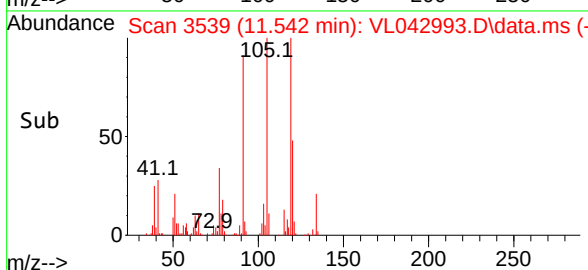
Reviewed By :Semsettin Yesilyurt 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025

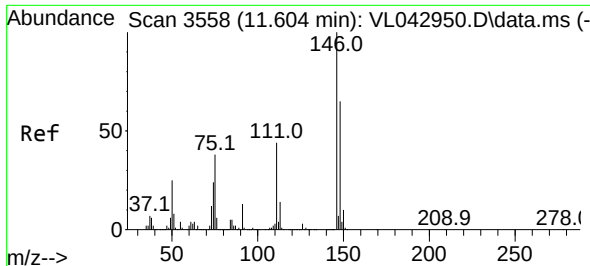


#74
1,2,4-Trimethylbenzene
Concen: 0.412 ppbv
RT: 11.542 min Scan# 3539
Delta R.T. 0.010 min
Lab File: VL042993.D
Acq: 23 Sep 2025 15:49



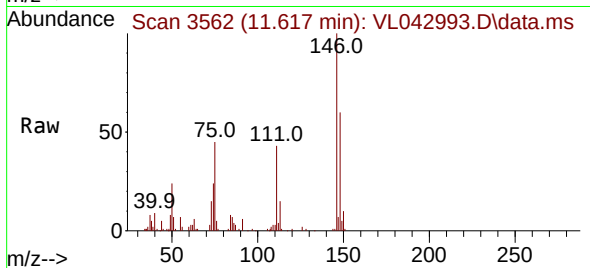
Tgt Ion:105 Resp: 21216
Ion Ratio Lower Upper
105 100
120 48.2 40.9 61.3
91 91.2 51.2 76.8#
77 33.4 18.4 27.6#





#75
1,3-Dichlorobenzene
Concen: 0.514 ppbv
RT: 11.617 min Scan# 3562
Delta R.T. 0.013 min
Lab File: VL042993.D
Acq: 23 Sep 2025 15:49

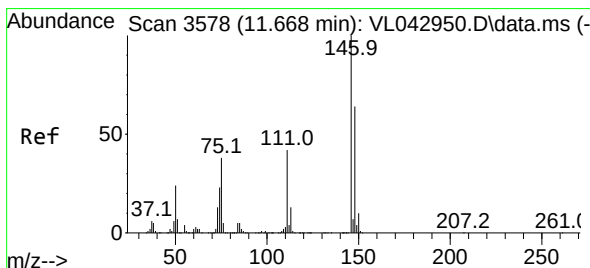
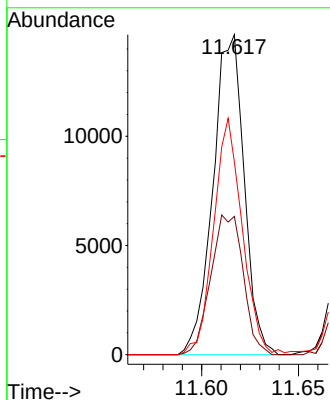
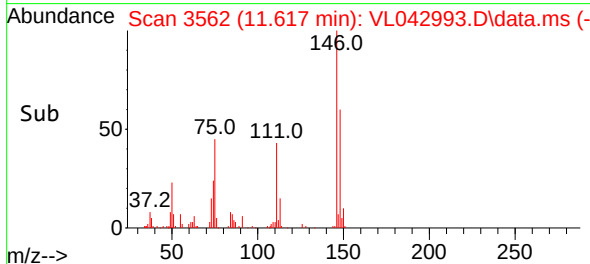
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT3-2025



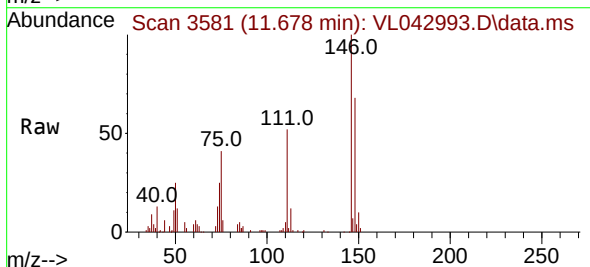
Tgt Ion:146 Resp: 1640
Ion Ratio Lower Upper
146 100
111 45.4 22.3 66.9
148 68.2 31.9 95.5

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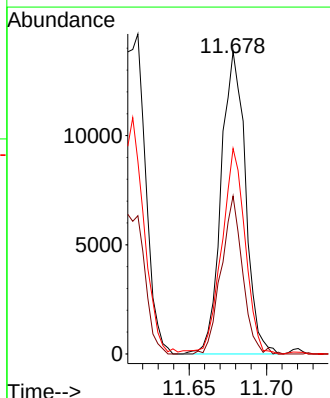
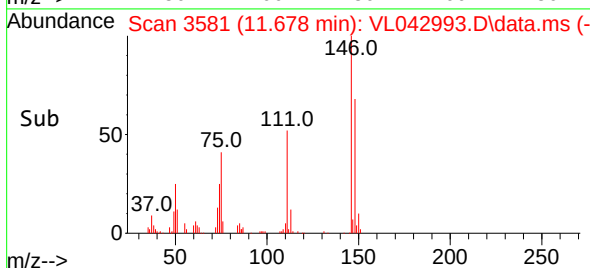
Reviewed By :Semsettin Yesilyurt 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025

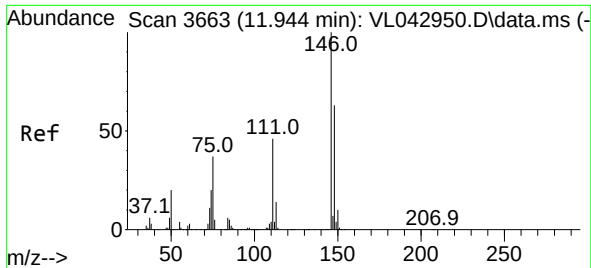


#76
1,4-Dichlorobenzene
Concen: 0.476 ppbv
RT: 11.678 min Scan# 3581
Delta R.T. 0.010 min
Lab File: VL042993.D
Acq: 23 Sep 2025 15:49



Tgt Ion:146 Resp: 15079
Ion Ratio Lower Upper
146 100
111 45.9 21.5 64.5
148 66.2 31.9 95.5





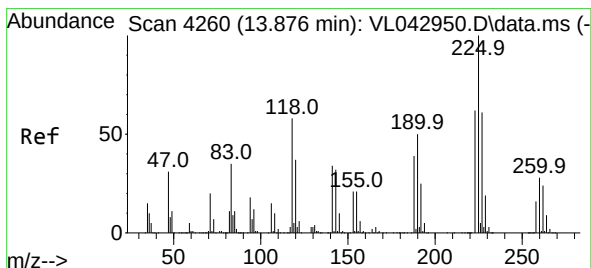
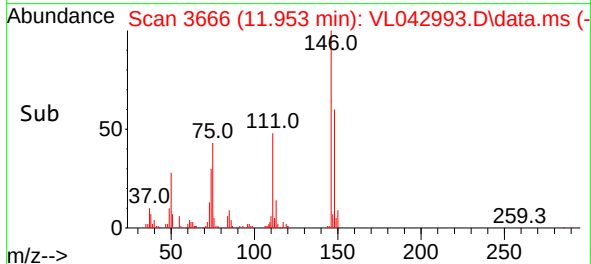
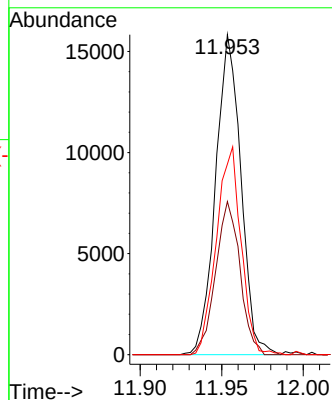
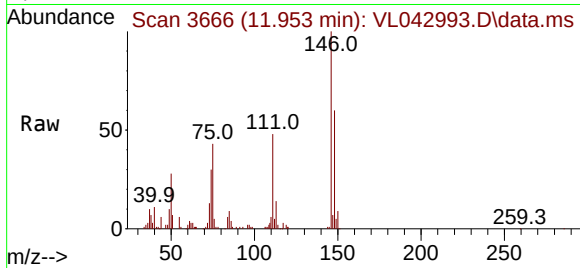
#77
1,2-Dichlorobenzene
Concen: 0.561 ppbv
RT: 11.953 min Scan# 30
Delta R.T. 0.010 min
Lab File: VL042993.D
Acq: 23 Sep 2025 15:49

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT3-2025

Tgt Ion:146 Resp: 1704
Ion Ratio Lower Upper
146 100
111 46.2 23.1 69.3
148 64.0 32.0 96.0

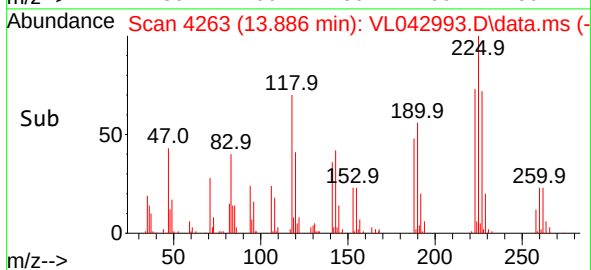
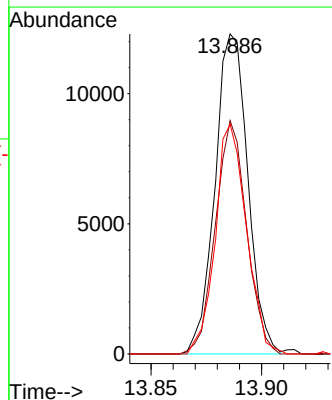
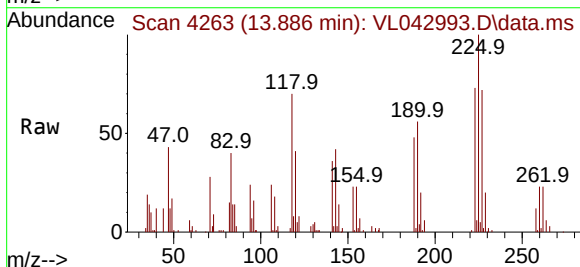
Manual Integrations
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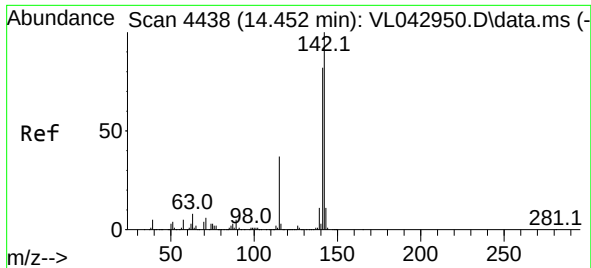
Reviewed By :Semsettin Yesilyurt 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025



#78
Hexachloro-1,3-Butadiene
Concen: 0.534 ppbv
RT: 13.886 min Scan# 4263
Delta R.T. 0.010 min
Lab File: VL042993.D
Acq: 23 Sep 2025 15:49

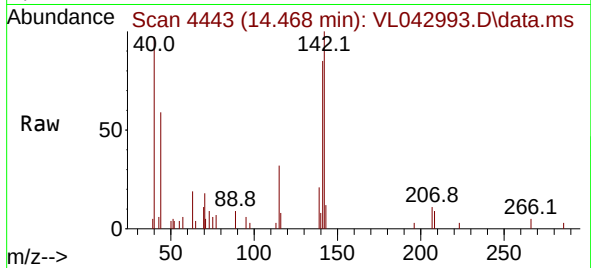
Tgt Ion:225 Resp: 12691
Ion Ratio Lower Upper
225 100
223 69.2 50.1 75.1
227 68.1 50.4 75.6





#80
Naphthalene, 2-methyl-
Concen: 0.163 ppbv
RT: 14.468 min Scan# 4438
Delta R.T. 0.016 min
Lab File: VL042993.D
Acq: 23 Sep 2025 15:49

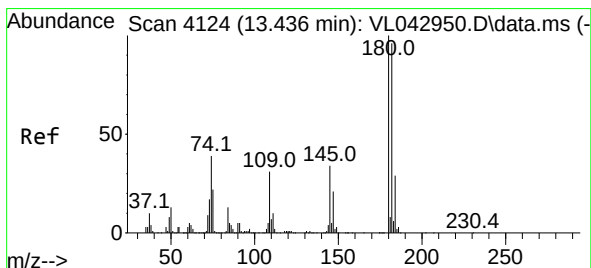
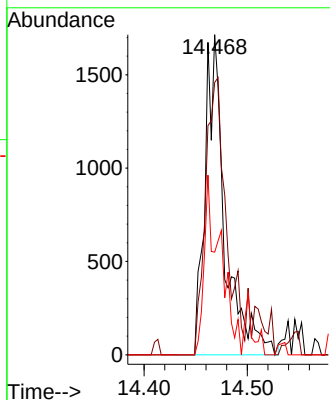
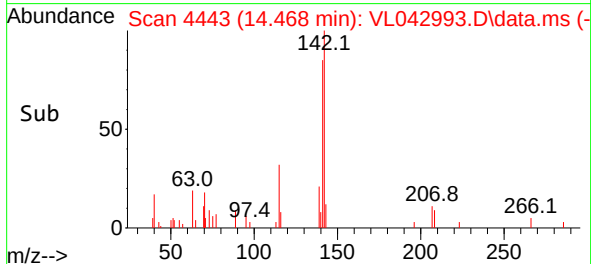
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT3-2025



Tgt Ion: 142 Resp: 228
Ion Ratio Lower Upper
142 100
141 103.3 65.1 97.7
115 54.7 28.9 43.3

Manual Integrations
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Reviewed By : Semsettin Yesilyurt 09/24/2025
Supervised By : Mahesh Dadoda 09/26/2025



#81
1,2,4-Trichlorobenzene
Concen: 0.251 ppbv
RT: 13.449 min Scan# 4128
Delta R.T. 0.013 min
Lab File: VL042993.D
Acq: 23 Sep 2025 15:49

Tgt Ion: 180 Resp: 6097
Ion Ratio Lower Upper
180 100
182 106.3 75.7 113.5
184 29.4 23.9 35.9

