

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL100225\
 Data File : VL043032.D
 Acq On : 02 Oct 2025 10:23
 Operator : SY/MD
 Sample : VSTDICCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 10/03/2025
 Supervised By :Mahesh Dadoda 10/10/2025

Quant Time: Oct 03 08:01:20 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL100225AIR.M

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

QLast Update : Fri Oct 03 07:59:23 2025

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.774	49	175694	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.939	114	523534	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.862	117	448396	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 10.361 95 329578 10.203 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 102.000%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.496	85	278856	9.417	ppbv	100
3) Chlorodifluoromethane	1.473	51	268344	9.368	ppbv	100
4) Chloromethane	1.528	50	101430	9.378	ppbv	100
5) Vinyl Chloride	1.576	62	94623	9.218	ppbv	100
6) Bromomethane	1.664	94	43581	9.448	ppbv	100
7) Chloroethane	1.699	64	39123	9.134	ppbv	100
8) Dichlorotetrafluoroethane	1.551	85	228586	9.421	ppbv	100
9) Propene	1.479	41	111264	9.633	ppbv	100
10) Heptane	4.956	43	309134	10.867	ppbv	100
11) Trichlorofluoromethane	1.871	101	284734	9.357	ppbv	100
12) 1,1,2-Trichlorotrifluo...	2.130	101	225532	9.410	ppbv	100
13) Ethanol	1.716	45	4785	10.163	ppbv	100
14) Bromoethene	1.777	108	82329	9.582	ppbv	100
15) Acetone	1.829	43	200896	8.166	ppbv	100
16) 1,3-Butadiene	1.606	39	94239	9.292	ppbv	100
17) tert-Butyl alcohol	2.033	59	241909	9.297	ppbv	100
18) 1,1-Dichloroethene	2.026	96	101035	9.617	ppbv	100
19) Isopropyl Alcohol	1.877	45	105917	8.986	ppbv	100
20) Methylene Chloride	2.052	84	86085	8.017	ppbv	100
21) Allyl Chloride	2.088	41	148094	9.397	ppbv	100
22) trans-1,2-Dichloroethene	2.331	96	111481	9.346	ppbv	100
23) Vinyl Acetate	2.450	43	42908	8.216	ppbv	100
24) 1,1-Dichloroethane	2.399	63	211973	9.375	ppbv	100
25) Ethyl Acetate	2.819	43	618469	10.022	ppbv	100
26) Hexane	2.813	57	246127	10.368	ppbv	100
27) Carbon Disulfide	2.143	76	267294	9.537	ppbv	100
28) Methyl tert-Butyl Ether	2.428	73	144534	9.729	ppbv	100
29) Chloroform	2.836	83	387615	9.577	ppbv	100
30) Cyclohexane	3.839	84	209266	10.728	ppbv	100
31) cis-1,2-Dichloroethene	2.709	61	246505	10.101	ppbv	100
32) 1,1,1-Trichloroethane	3.353	97	381212	9.691	ppbv	100
34) 2-Butanone	2.544	43	342678	9.647	ppbv	100
35) Carbon Tetrachloride	3.745	117	398481	9.251	ppbv	100
36) Benzene	3.638	78	504680	10.090	ppbv	100
37) 1,2-Dichloroethane	3.201	62	286590	9.674	ppbv	100
38) Trichloroethene	4.525	130	214186	10.277	ppbv	100
39) 1,2-Dichloropropane	4.292	63	182987	9.870	ppbv	100
40) 1,4-Dioxane	4.554	88	82195	10.324	ppbv #	98
41) Tetrahydrofuran	3.036	42	196992	10.730	ppbv	100
42) Bromodichloromethane	4.467	83	412493	9.861	ppbv	100
43) Methyl Methacrylate	4.852	69	184960	11.139	ppbv	100
44) 2,2,4-Trimethylpentane	4.616	57	834185	10.393	ppbv	100
45) t-1,3-Dichloropropene	6.386	75	164433	10.931	ppbv	100

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Manual Integrations
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Reviewed By :Semsettin Yesilyurt 10/03/2025
 Supervised By :Mahesh Dadoda 10/10/2025

Quant Time: Oct 03 08:01:20 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL100225AIR.M

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

QLast Update : Fri Oct 03 07:59:23 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.574	75	230231	10.772	ppbv	100
47) 1,1,2-Trichloroethane	6.551	97	196990	9.552	ppbv	100
48) Dibromochloromethane	7.364	129	345945	10.278	ppbv	100
49) Bromoform	9.464	173	292987	10.423	ppbv	100
50) 4-Methyl-2-Pentanone	5.713	43	476242	10.994	ppbv	100
51) 2-Hexanone	7.412	43	362983	11.817	ppbv	100
52) Tetrachloroethene	8.205	164	180664	9.693	ppbv	100
53) Toluene	6.907	91	568843	11.265	ppbv	100
54) 1,2-Dibromoethane	7.629	107	251974	10.309	ppbv	100
56) 1,1,1,2-Tetrachloroethane	8.907	131	264925	9.693	ppbv	100
57) Chlorobenzene	8.904	112	455049	9.600	ppbv	100
58) Ethyl Benzene	9.338	91	788510	11.351	ppbv	100
59) m/p-Xylene	9.532	91	1293839m	22.074	ppbv	
60) o-Xylene	9.946	91	645403	11.058	ppbv	100
61) Styrene	9.853	104	298597	12.212	ppbv	100
62) Isopropylbenzene	10.526	105	960158	10.716	ppbv	100
63) 1,1,2,2-Tetrachloroethane	9.946	83	390289	9.278	ppbv	100
64) n-propylbenzene	10.976	120	252073	10.998	ppbv	99
65) tert-Butylbenzene	11.516	119	864475	10.841	ppbv	100
66) Benzyl Chloride	11.604	91	30823	9.975	ppbv	100
67) sec-Butylbenzene	11.752	105	1189296	10.688	ppbv	100
69) p-Isopropyltoluene	11.914	119	1008951	11.146	ppbv	100
70) n-Butylbenzene	12.267	91	996449	11.433	ppbv	100
71) 2-Chlorotoluene	10.885	91	709807	10.946	ppbv	100
72) 4-Ethyltoluene	11.112	105	785118	11.302	ppbv	100
73) 1,3,5-Trimethylbenzene	11.189	105	659038	10.966	ppbv	100
74) 1,2,4-Trimethylbenzene	11.523	105	732252	10.796	ppbv	100
75) 1,3-Dichlorobenzene	11.594	146	437848	9.925	ppbv	100
76) 1,4-Dichlorobenzene	11.659	146	433712	10.311	ppbv	100
77) 1,2-Dichlorobenzene	11.934	146	417019	9.491	ppbv	100
78) Hexachloro-1,3-Butadiene	13.869	225	289398	9.452	ppbv	100
79) Naphthalene	13.500	128	577659	10.038	ppbv	100
80) Naphthalene,2-methyl-	14.445	142	254437	9.510	ppbv	100
81) 1,2,4-Trichlorobenzene	13.429	180	312011	11.936	ppbv	100

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

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Manual Integrations
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Reviewed By :Semsettin Yesilyurt 10/03/2025
Supervised By :Mahesh Dadoda 10/10/2025

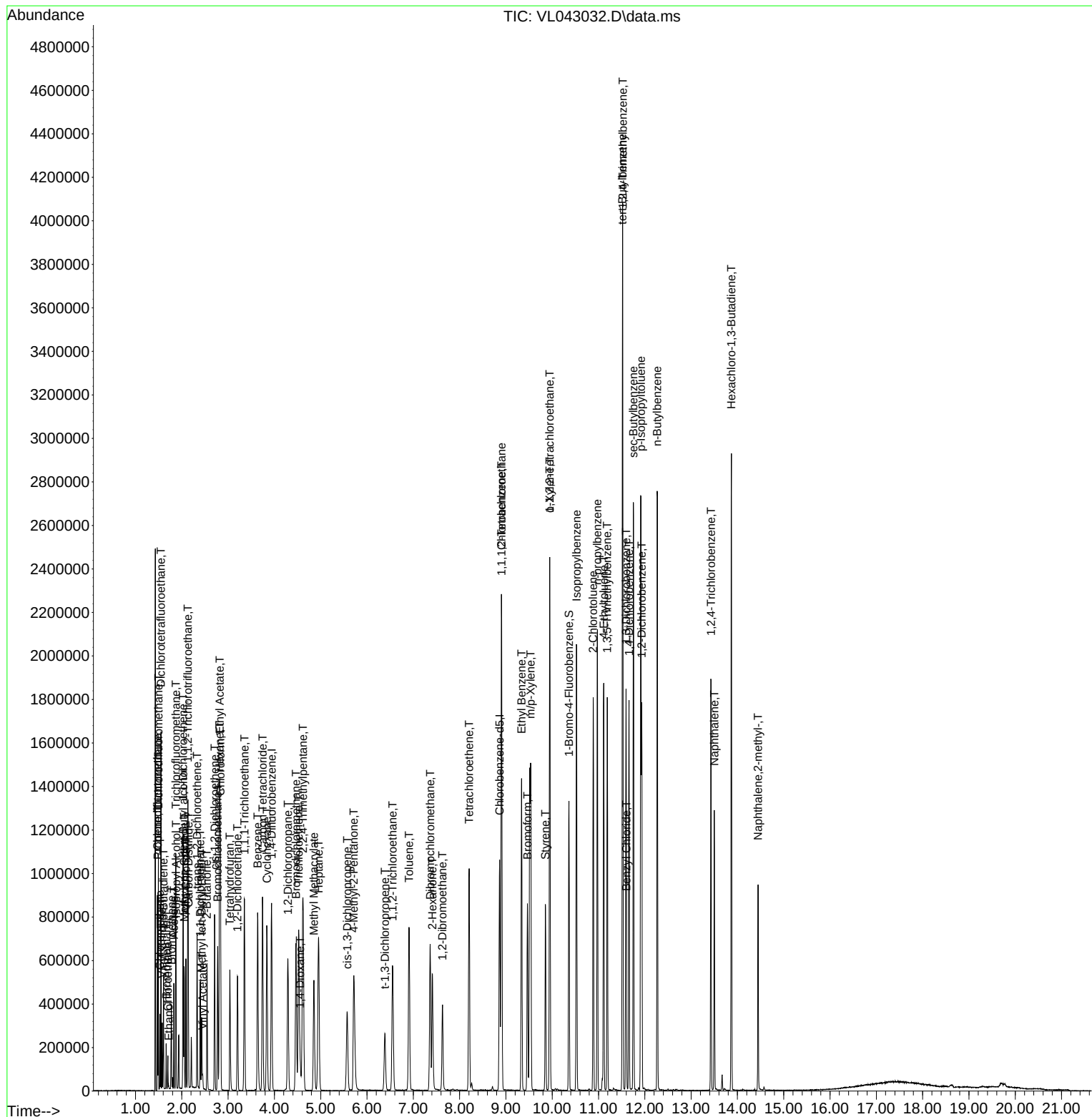
Quant Time: Oct 03 08:01:20 2025

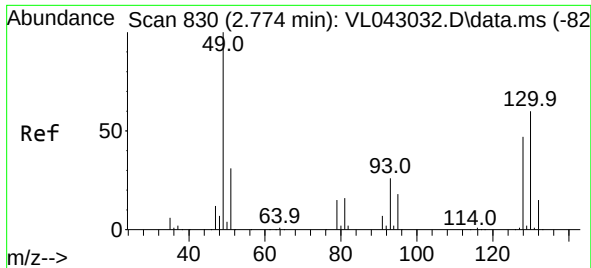
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL100225AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug

QLast Update : Fri Oct 03 07:59:23 2025

Response via : Initial Calibration





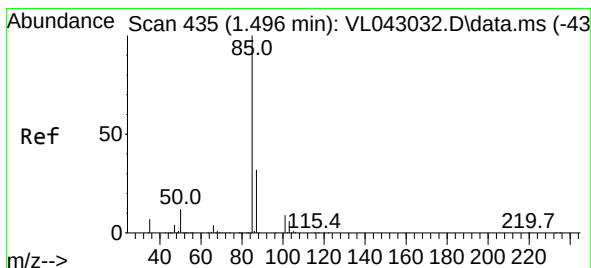
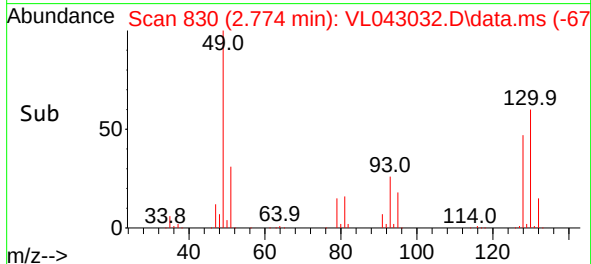
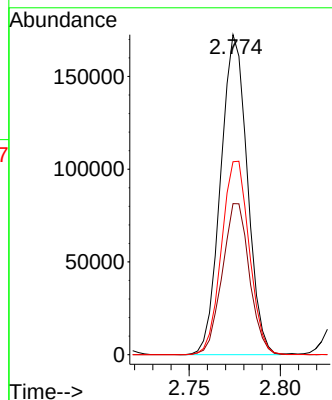
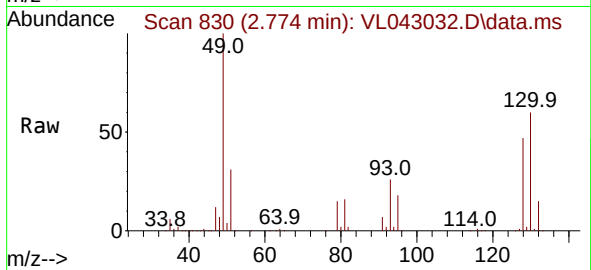
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Bromochloromethane
Concen: 10.000 ppbv
RT: 2.774 min Scan# 830
Delta R.T. 0.000 min
Lab File: VL043032.D
Acq: 02 Oct 2025 10:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 49 Resp: 175694
Ion Ratio Lower Upper
49 100
128 48.1 24.1 72.2
130 62.9 31.4 94.3

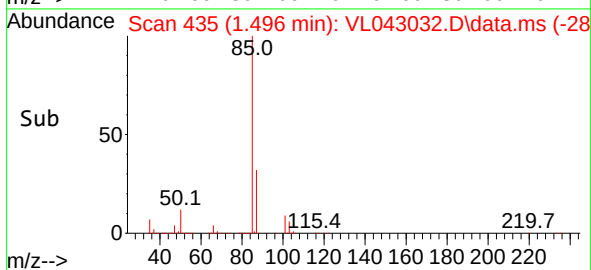
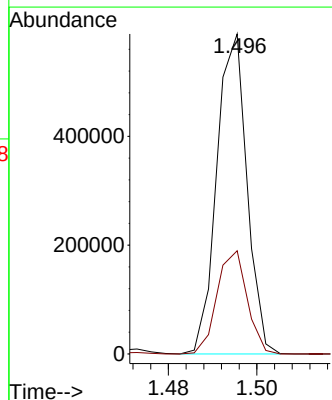
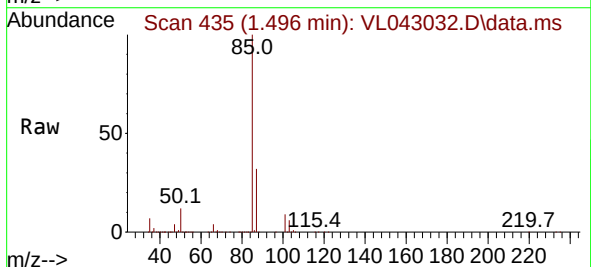
Manual Integrations
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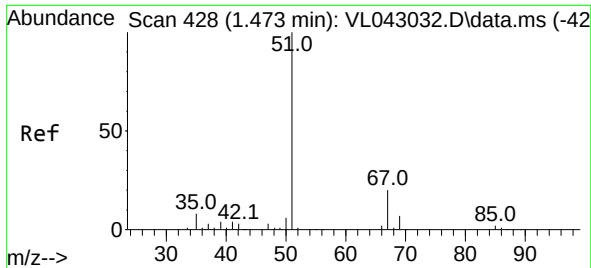
Reviewed By :Semsettin Yesilyurt 10/03/2025
Supervised By :Mahesh Dadoda 10/10/2025



#2
Dichlorodifluoromethane
Concen: 9.417 ppbv
RT: 1.496 min Scan# 435
Delta R.T. 0.000 min
Lab File: VL043032.D
Acq: 02 Oct 2025 10:23

Tgt Ion: 85 Resp: 278856
Ion Ratio Lower Upper
85 100
87 32.2 25.8 38.6





#3

Chlorodifluoromethane

Concen: 9.368 ppbv

RT: 1.473 min Scan# 428

Delta R.T. 0.000 min

Lab File: VL043032.D

Acq: 02 Oct 2025 10:23

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion: 51 Resp: 268344

Ion Ratio Lower Upper

51 100

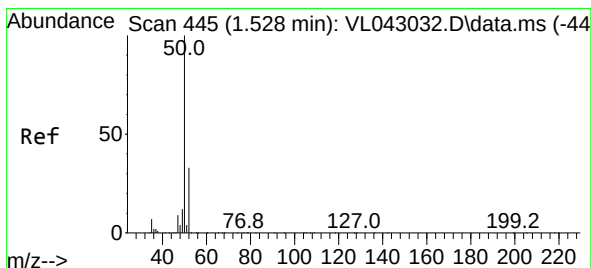
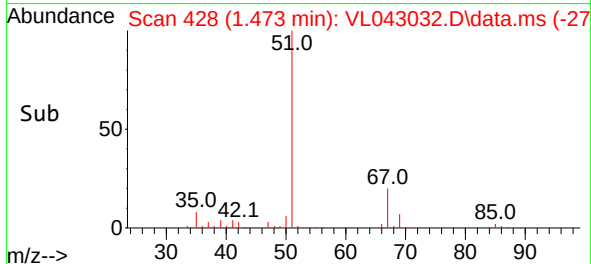
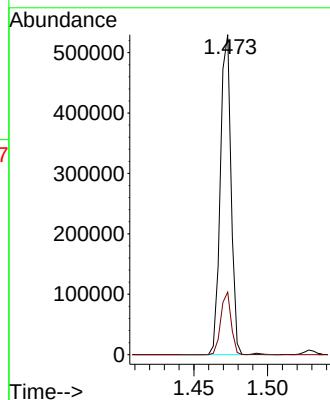
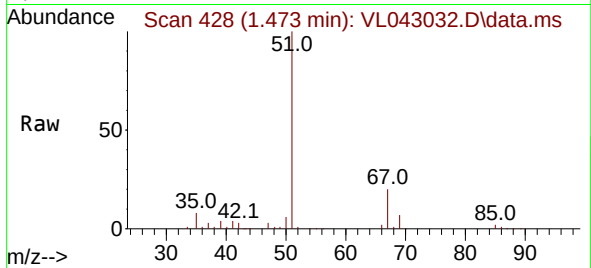
67 18.9 15.1 22.7

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/03/2025

Supervised By :Mahesh Dadoda 10/10/2025



#4

Chloromethane

Concen: 9.378 ppbv

RT: 1.528 min Scan# 445

Delta R.T. 0.000 min

Lab File: VL043032.D

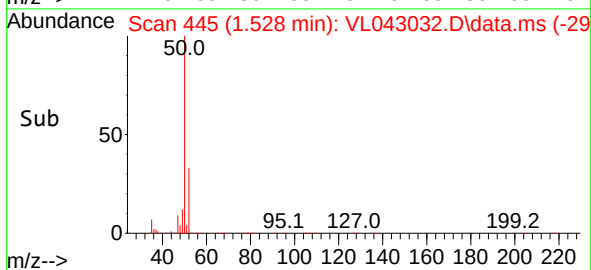
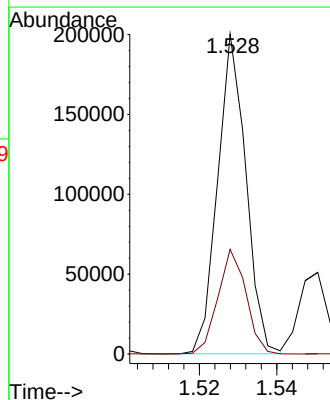
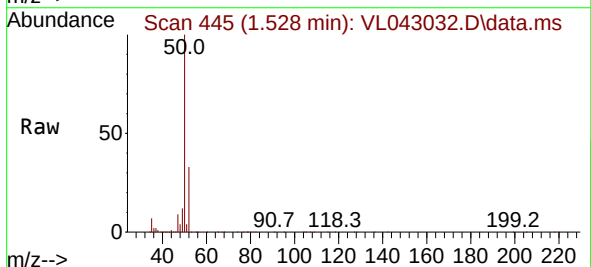
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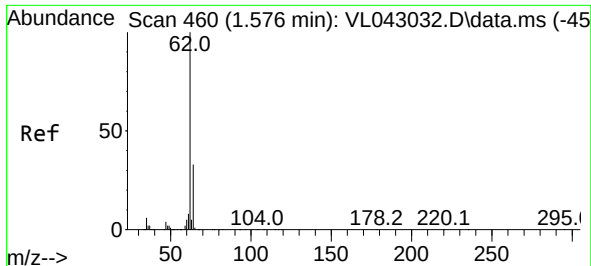
Tgt Ion: 50 Resp: 101430

Ion Ratio Lower Upper

50 100

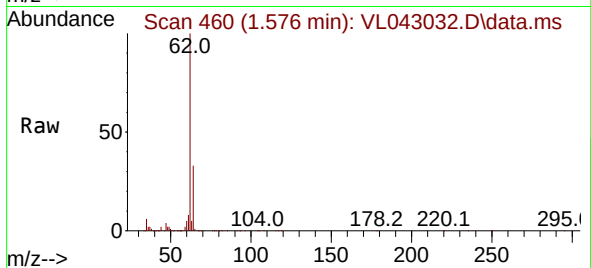
52 32.7 26.2 39.2





#5
 Vinyl Chloride
 Concen: 9.218 ppbv
 RT: 1.576 min Scan# 460
 Delta R.T. 0.000 min
 Lab File: VL043032.D
 Acq: 02 Oct 2025 10:23

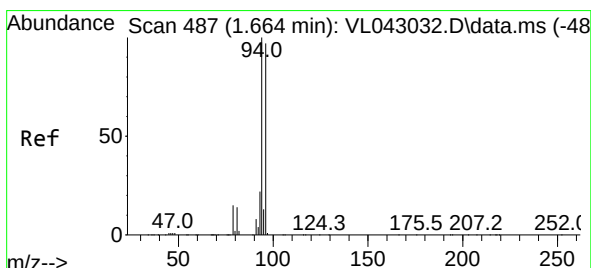
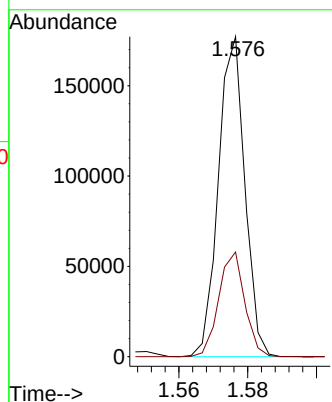
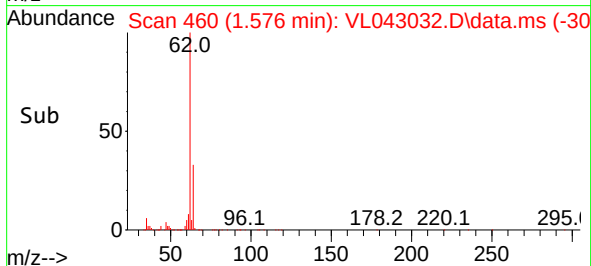
Instrument :
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 VSTDICCC010



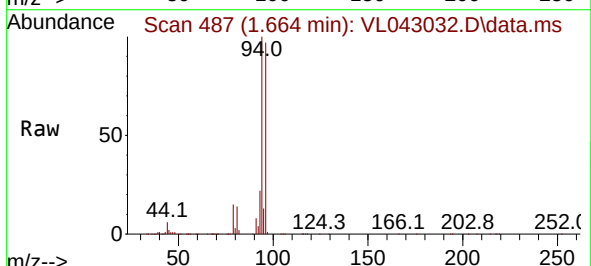
Tgt Ion: 62 Resp: 94623
 Ion Ratio Lower Upper
 62 100
 64 32.7 26.2 39.2

Manual Integrations
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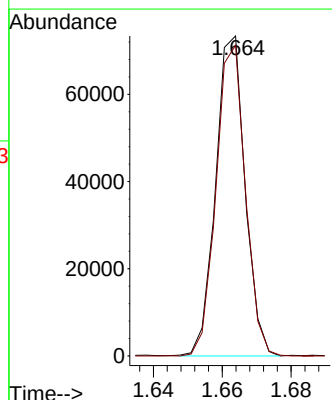
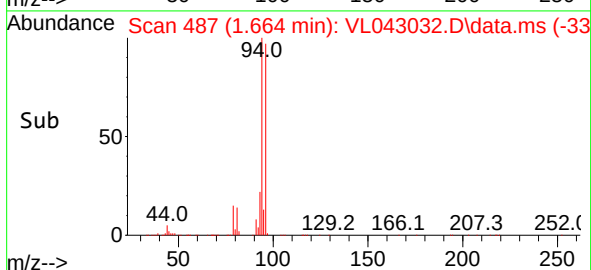
Reviewed By :Semsettin Yesilyurt 10/03/2025
 Supervised By :Mahesh Dadoda 10/10/2025

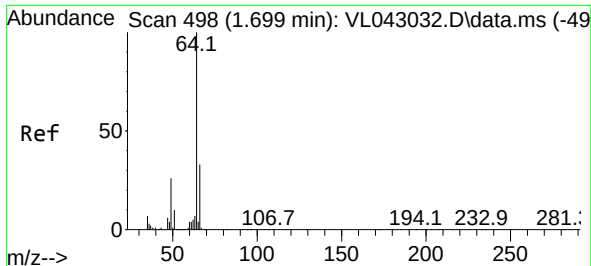


#6
 Bromomethane
 Concen: 9.448 ppbv
 RT: 1.664 min Scan# 487
 Delta R.T. 0.000 min
 Lab File: VL043032.D
 Acq: 02 Oct 2025 10:23



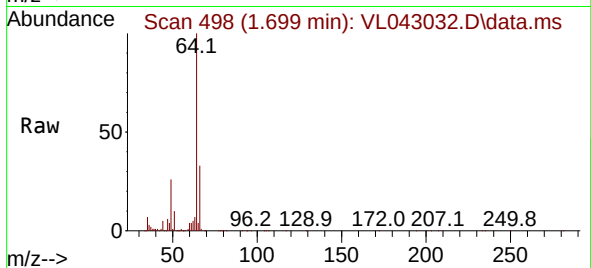
Tgt Ion: 94 Resp: 43581
 Ion Ratio Lower Upper
 94 100
 96 97.0 77.6 116.4





#7
Chloroethane
Concen: 9.134 ppbv
RT: 1.699 min Scan# 498
Delta R.T. 0.000 min
Lab File: VL043032.D
Acq: 02 Oct 2025 10:23

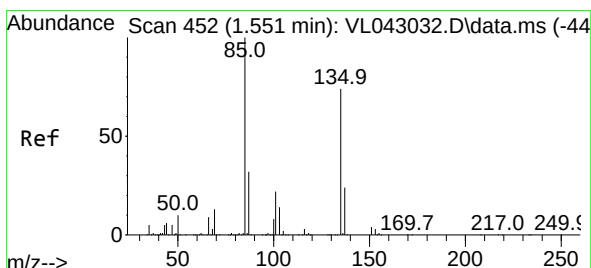
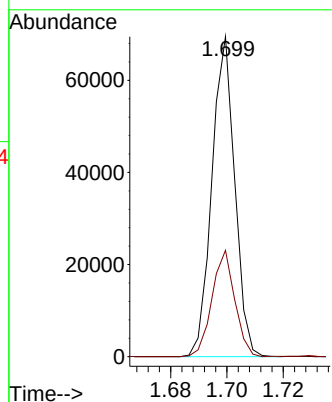
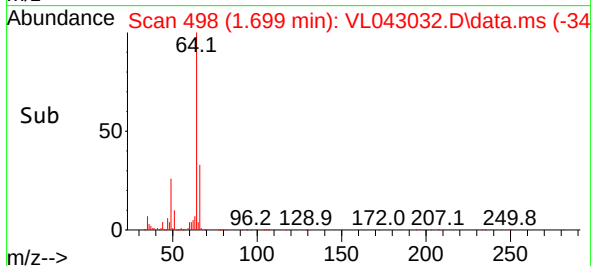
Instrument :
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Tgt Ion: 64 Resp: 3912
Ion Ratio Lower Upper
64 100
66 33.2 26.6 39.8

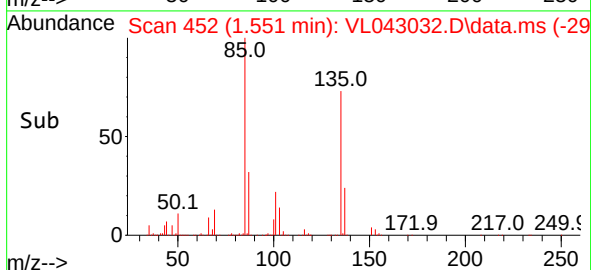
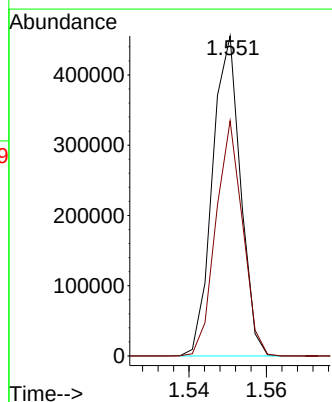
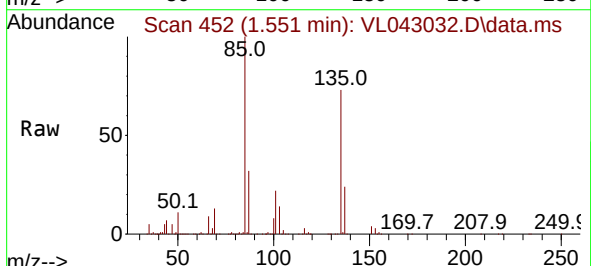
Manual Integrations
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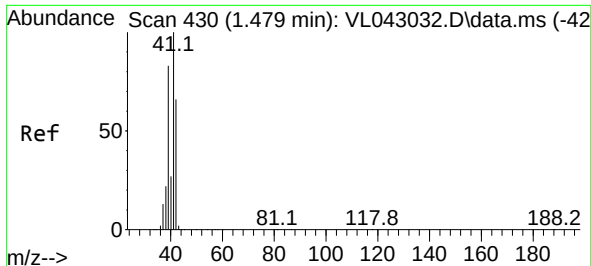
Reviewed By :Semsettin Yesilyurt 10/03/2025
Supervised By :Mahesh Dadoda 10/10/2025



#8
Dichlorotetrafluoroethane
Concen: 9.421 ppbv
RT: 1.551 min Scan# 452
Delta R.T. 0.000 min
Lab File: VL043032.D
Acq: 02 Oct 2025 10:23

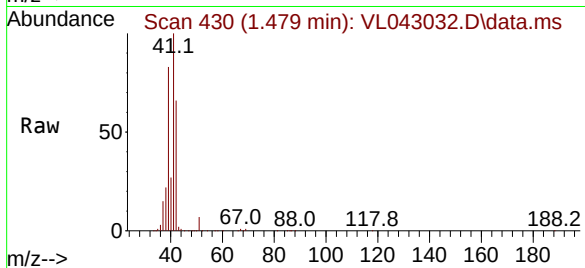
Tgt Ion: 85 Resp: 228586
Ion Ratio Lower Upper
85 100
135 70.4 56.3 84.5





#9
 Propene
 Concen: 9.633 ppbv
 RT: 1.479 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VL043032.D
 Acq: 02 Oct 2025 10:23

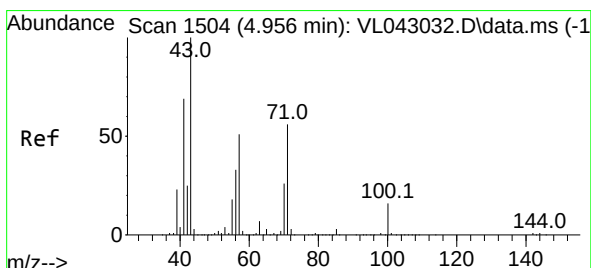
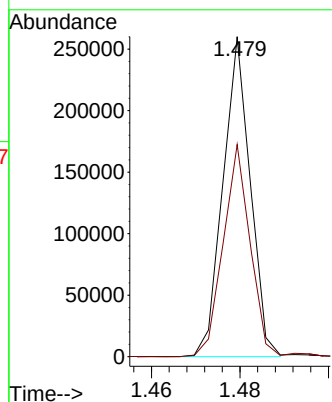
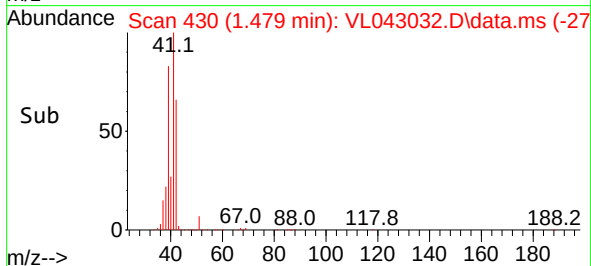
Instrument :
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Tgt Ion: 41 Resp: 111264
 Ion Ratio Lower Upper
 41 100
 42 66.6 53.3 79.9

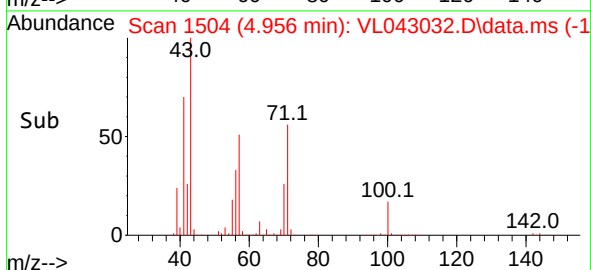
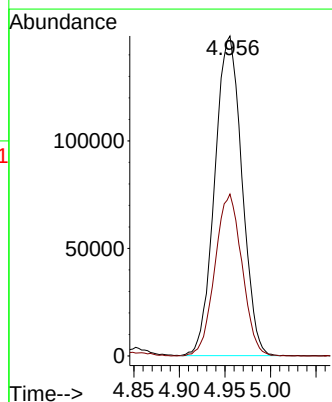
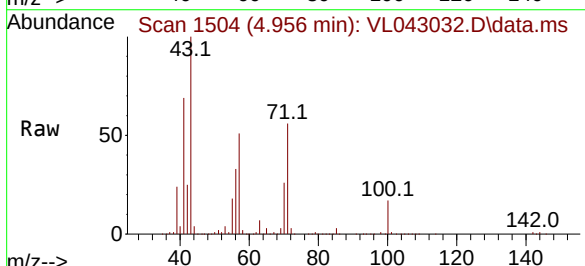
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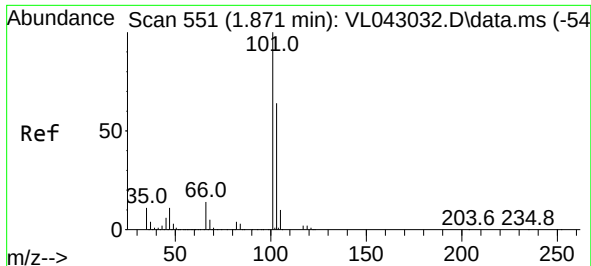
Reviewed By :Semsettin Yesilyurt 10/03/2025
 Supervised By :Mahesh Dadoda 10/10/2025



#10
 Heptane
 Concen: 10.867 ppbv
 RT: 4.956 min Scan# 1504
 Delta R.T. 0.000 min
 Lab File: VL043032.D
 Acq: 02 Oct 2025 10:23

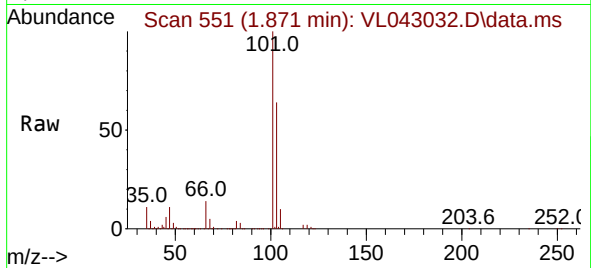
Tgt Ion: 43 Resp: 309134
 Ion Ratio Lower Upper
 43 100
 57 50.4 40.3 60.5





#11
Trichlorofluoromethane
Concen: 9.357 ppbv
RT: 1.871 min Scan# 551
Delta R.T. 0.000 min
Lab File: VL043032.D
Acq: 02 Oct 2025 10:23

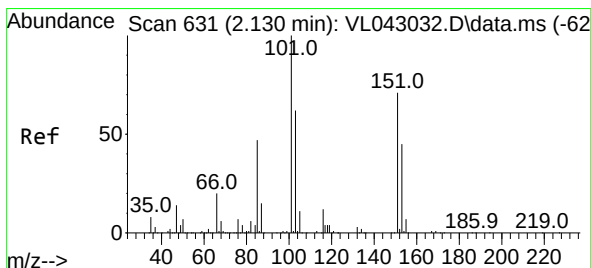
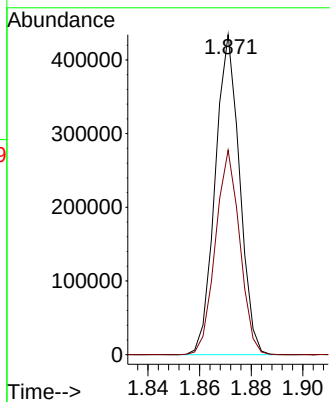
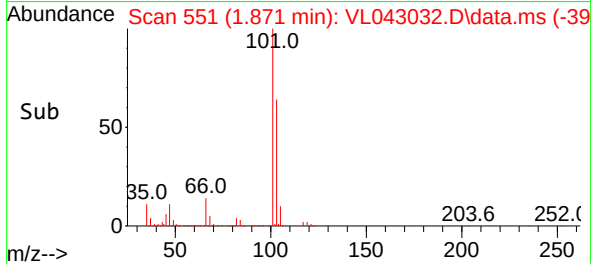
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



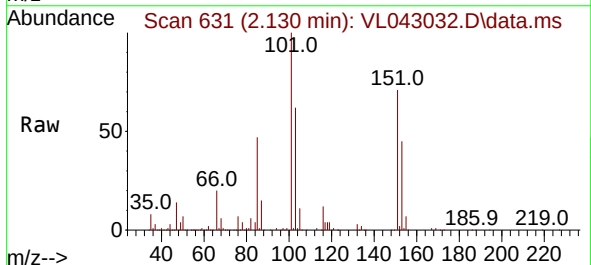
Tgt Ion:101 Resp: 284734
Ion Ratio Lower Upper
101 100
103 63.9 51.1 76.7

Manual Integrations
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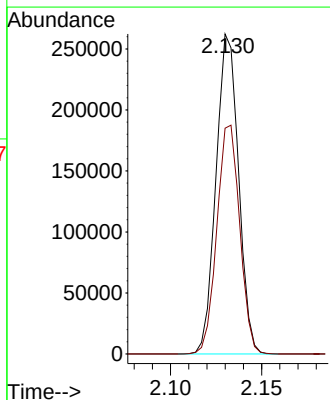
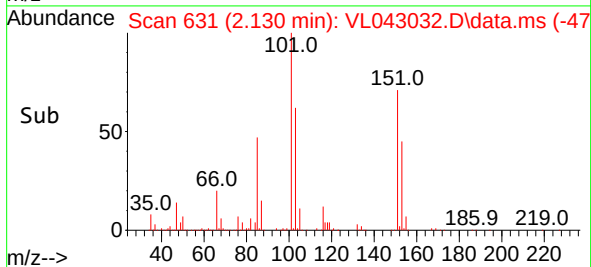
Reviewed By :Semsettin Yesilyurt 10/03/2025
Supervised By :Mahesh Dadoda 10/10/2025

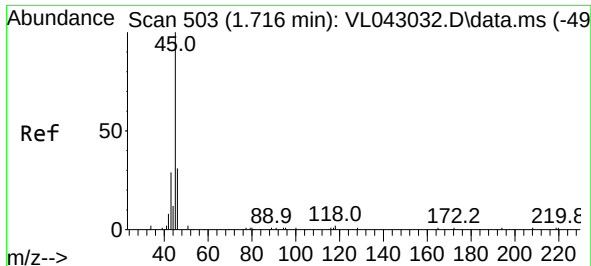


#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.410 ppbv
RT: 2.130 min Scan# 631
Delta R.T. 0.000 min
Lab File: VL043032.D
Acq: 02 Oct 2025 10:23



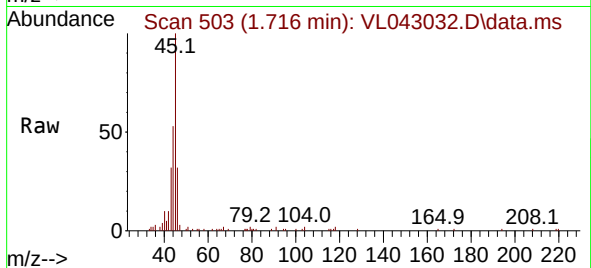
Tgt Ion:101 Resp: 225532
Ion Ratio Lower Upper
101 100
151 72.6 58.1 87.1





#13
Ethanol
Concen: 10.163 ppbv
RT: 1.716 min Scan# 503
Delta R.T. -0.000 min
Lab File: VL043032.D
Acq: 02 Oct 2025 10:23

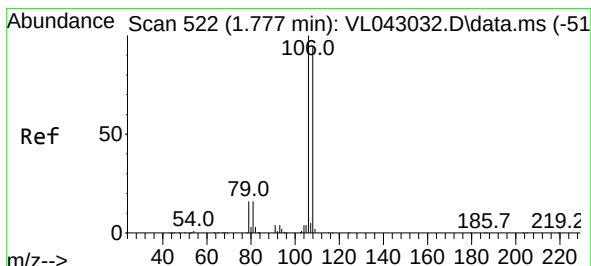
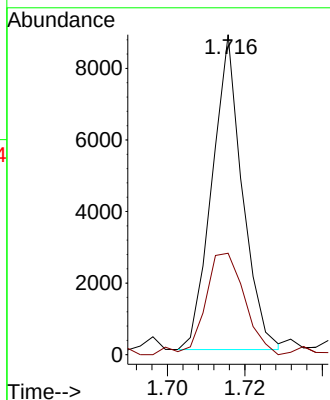
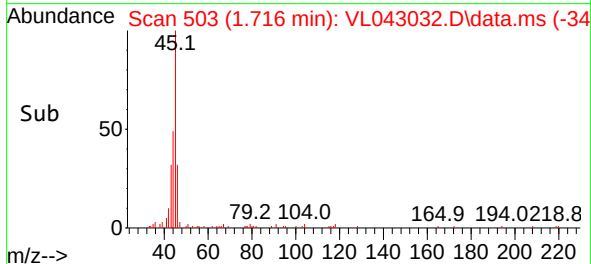
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 45 Resp: 4785
Ion Ratio Lower Upper
45 100
46 44.6 17.8 71.4

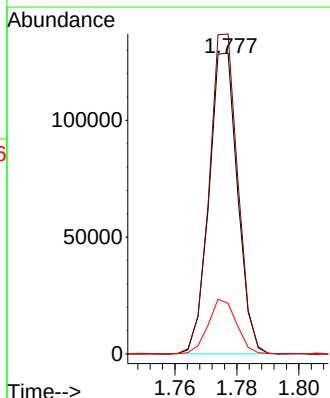
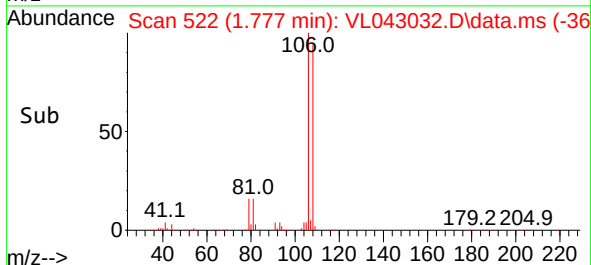
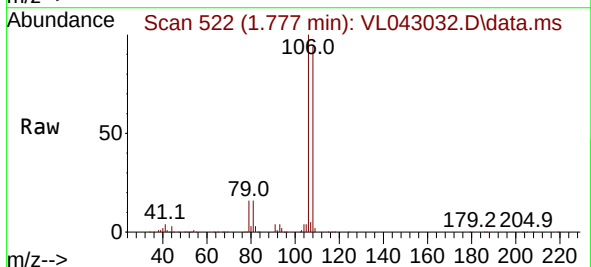
Manual Integrations
APPROVED

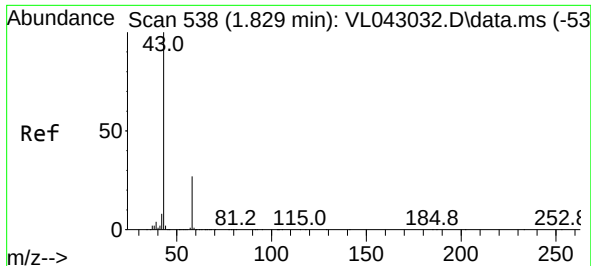
Reviewed By :Semsettin Yesilyurt 10/03/2025
Supervised By :Mahesh Dadoda 10/10/2025



#14
Bromoethene
Concen: 9.582 ppbv
RT: 1.777 min Scan# 522
Delta R.T. 0.000 min
Lab File: VL043032.D
Acq: 02 Oct 2025 10:23

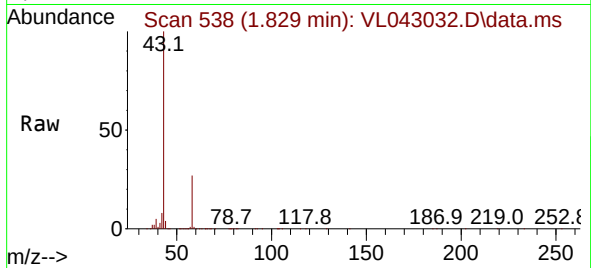
Tgt Ion:108 Resp: 82329
Ion Ratio Lower Upper
108 100
106 106.5 85.2 127.8
79 18.5 14.8 22.2





#15
Acetone
Concen: 8.166 ppbv
RT: 1.829 min Scan# 538
Delta R.T. 0.000 min
Lab File: VL043032.D
Acq: 02 Oct 2025 10:23

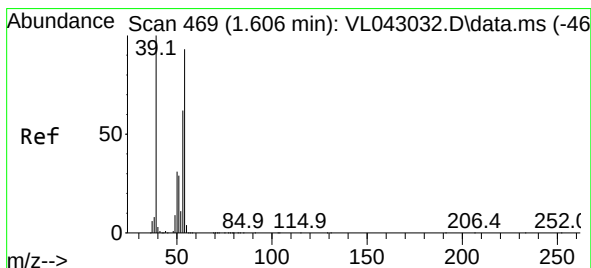
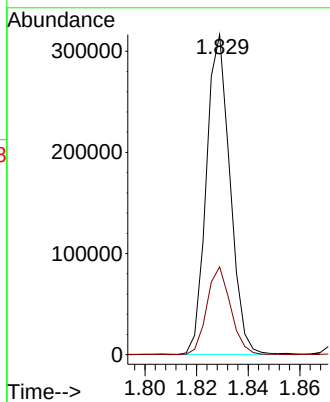
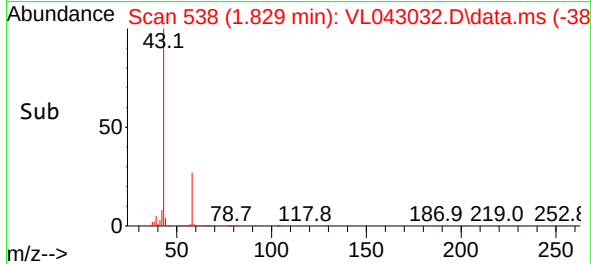
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



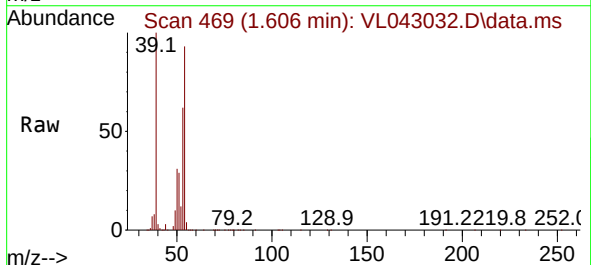
Tgt Ion: 43 Resp: 200890
Ion Ratio Lower Upper
43 100
58 27.8 22.2 33.4

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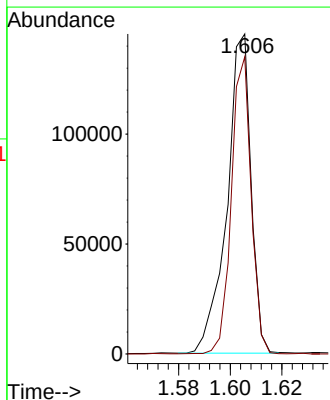
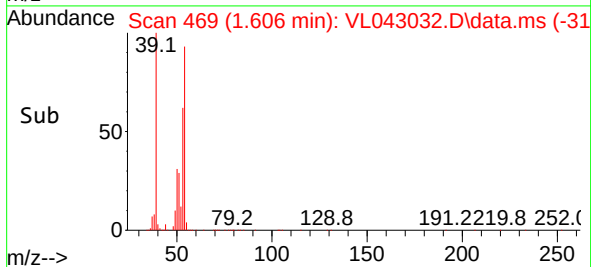
Reviewed By :Semsettin Yesilyurt 10/03/2025
Supervised By :Mahesh Dadoda 10/10/2025

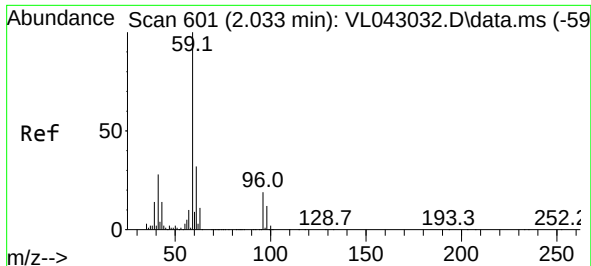


#16
1,3-Butadiene
Concen: 9.292 ppbv
RT: 1.606 min Scan# 469
Delta R.T. 0.000 min
Lab File: VL043032.D
Acq: 02 Oct 2025 10:23



Tgt Ion: 39 Resp: 94239
Ion Ratio Lower Upper
39 100
54 76.8 61.4 92.2





#17

tert-Butyl alcohol

Concen: 9.297 ppbv

RT: 2.033 min Scan# 601

Delta R.T. 0.000 min

Lab File: VL043032.D

Acq: 02 Oct 2025 10:23

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion: 59 Resp: 241909

Ion Ratio Lower Upper

59 100

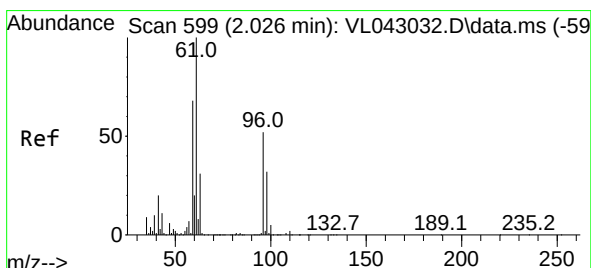
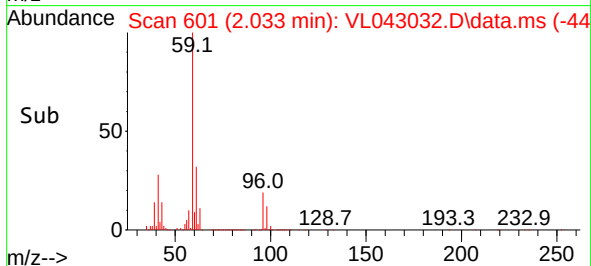
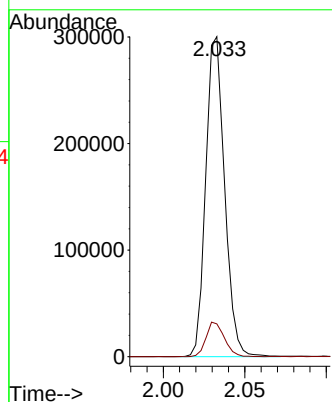
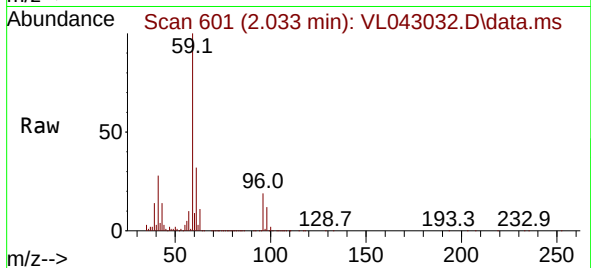
57 10.6 8.5 12.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/03/2025

Supervised By :Mahesh Dadoda 10/10/2025



#18

1,1-Dichloroethene

Concen: 9.617 ppbv

RT: 2.026 min Scan# 599

Delta R.T. 0.000 min

Lab File: VL043032.D

Acq: 02 Oct 2025 10:23

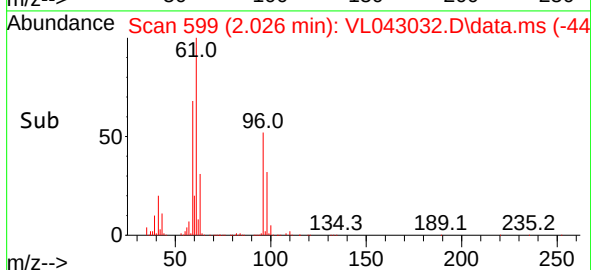
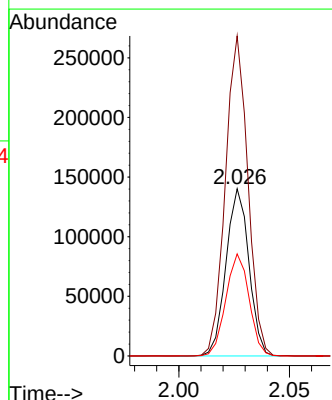
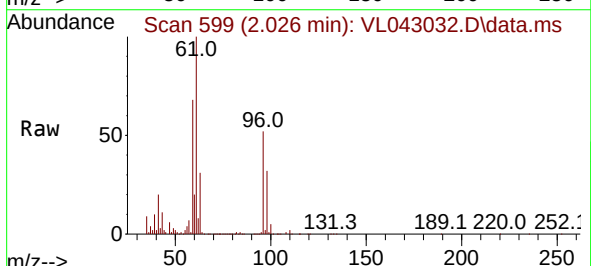
Tgt Ion: 96 Resp: 101035

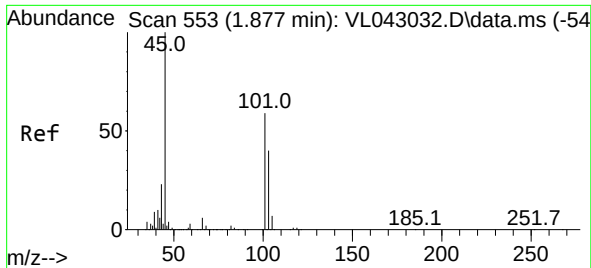
Ion Ratio Lower Upper

96 100

61 191.3 153.0 229.6

98 61.0 48.8 73.2





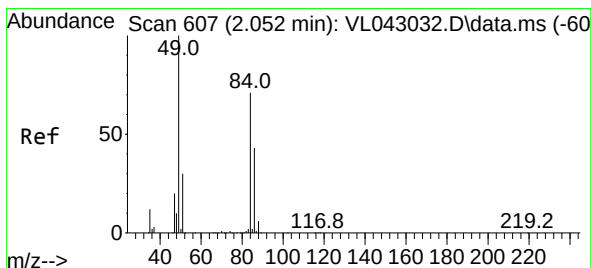
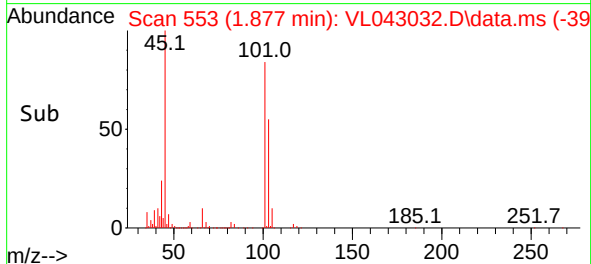
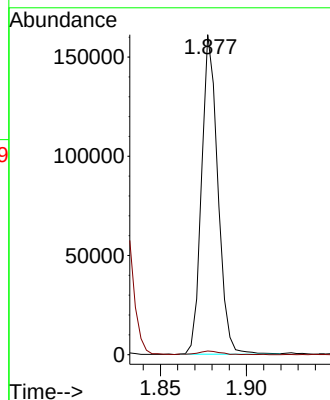
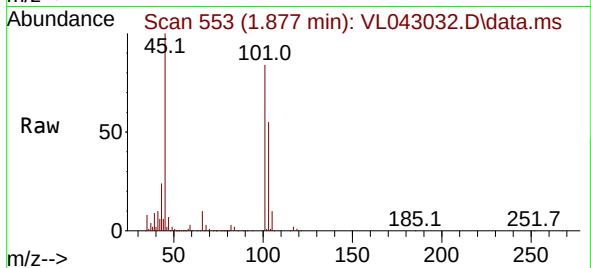
#19
Isopropyl Alcohol
Concen: 8.986 ppbv
RT: 1.877 min Scan# 553
Delta R.T. 0.000 min
Lab File: VL043032.D
Acq: 02 Oct 2025 10:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 45 Resp: 105917
Ion Ratio Lower Upper
45 100
58 52.8 42.3 63.5

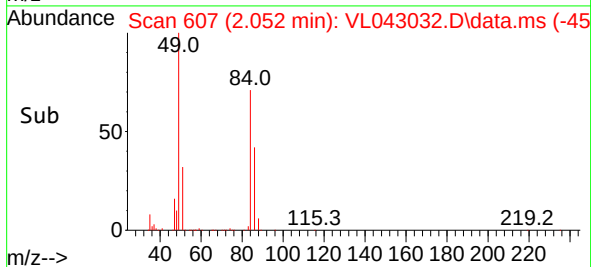
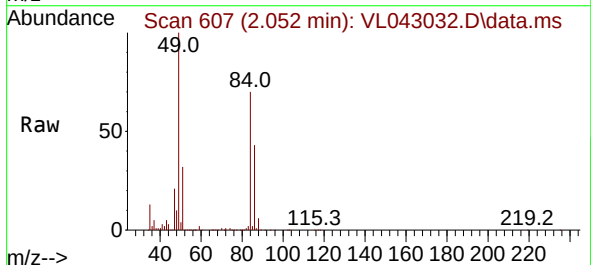
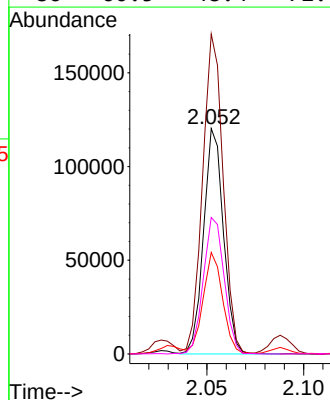
Manual Integrations
APPROVED

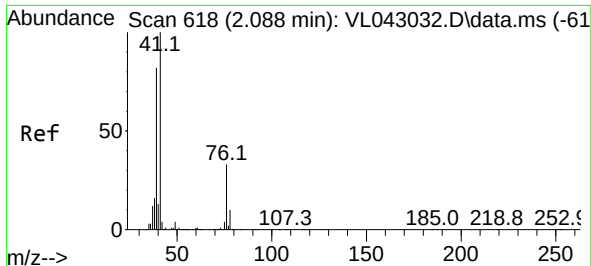
Reviewed By :Semsettin Yesilyurt 10/03/2025
Supervised By :Mahesh Dadoda 10/10/2025



#20
Methylene Chloride
Concen: 8.017 ppbv
RT: 2.052 min Scan# 607
Delta R.T. 0.000 min
Lab File: VL043032.D
Acq: 02 Oct 2025 10:23

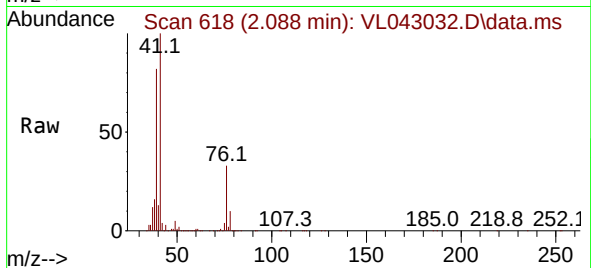
Tgt Ion: 84 Resp: 86085
Ion Ratio Lower Upper
84 100
49 140.6 112.5 168.7
51 42.7 34.2 51.2
86 60.5 48.4 72.6





#21
Allyl Chloride
Concen: 9.397 ppbv
RT: 2.088 min Scan# 618
Delta R.T. 0.000 min
Lab File: VL043032.D
Acq: 02 Oct 2025 10:23

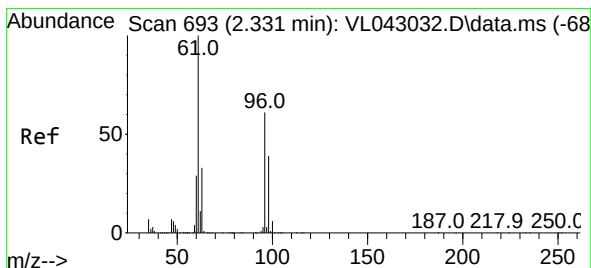
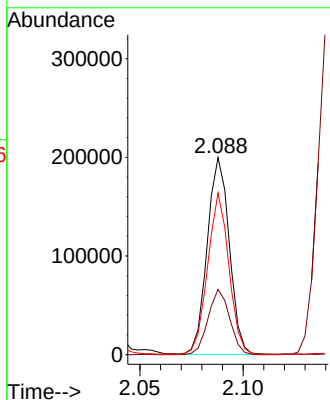
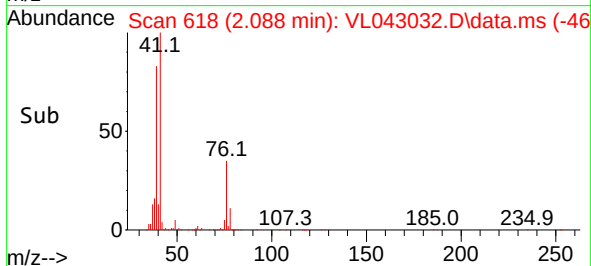
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 41 Resp: 148094
Ion Ratio Lower Upper
41 100
76 32.4 25.9 38.9
39 78.7 63.0 94.4

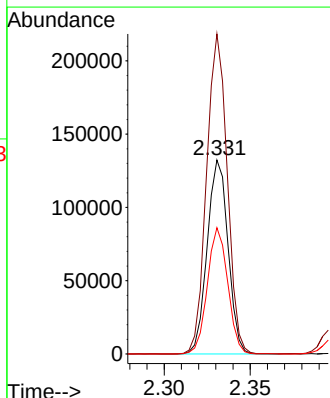
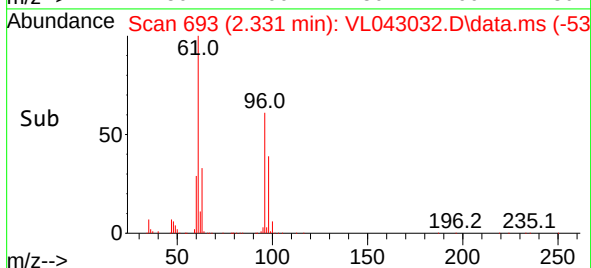
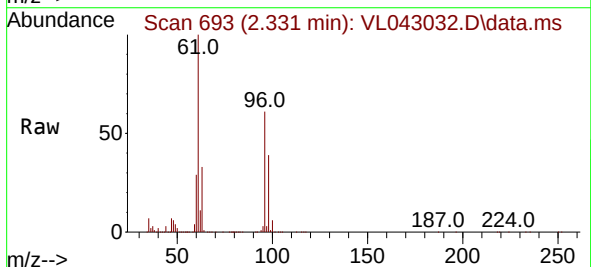
Manual Integrations
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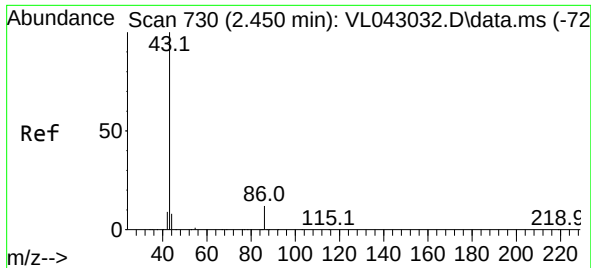
Reviewed By :Semsettin Yesilyurt 10/03/2025
Supervised By :Mahesh Dadoda 10/10/2025



#22
trans-1,2-Dichloroethene
Concen: 9.346 ppbv
RT: 2.331 min Scan# 693
Delta R.T. 0.000 min
Lab File: VL043032.D
Acq: 02 Oct 2025 10:23

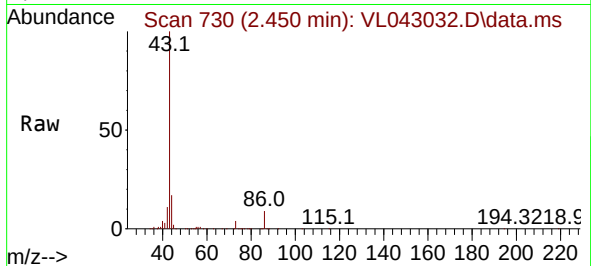
Tgt Ion: 96 Resp: 111481
Ion Ratio Lower Upper
96 100
61 164.9 131.9 197.9
98 65.1 52.1 78.1





#23
 Vinyl Acetate
 Concen: 8.216 ppbv
 RT: 2.450 min Scan# 714
 Delta R.T. 0.000 min
 Lab File: VL043032.D
 Acq: 02 Oct 2025 10:23

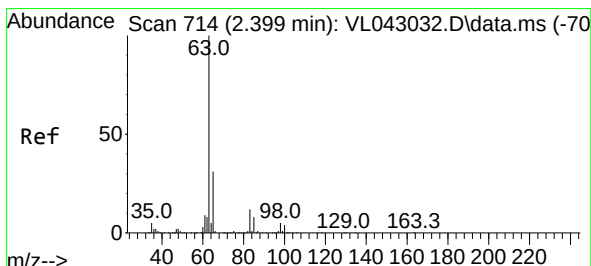
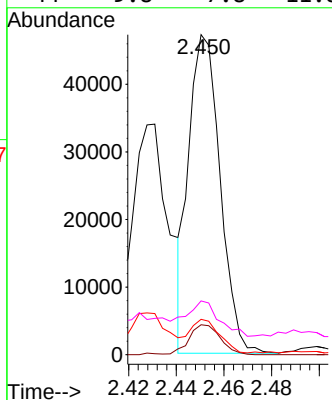
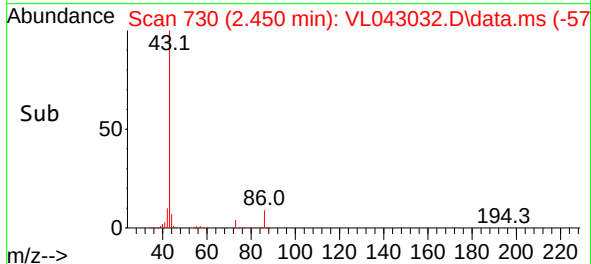
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



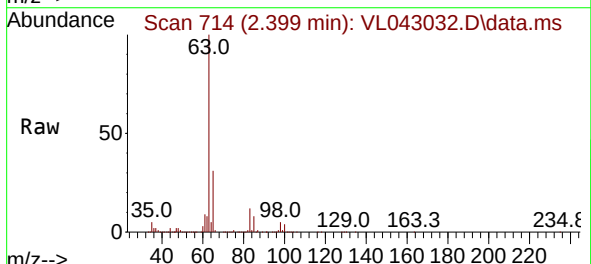
Tgt Ion: 43 Resp: 42908
 Ion Ratio Lower Upper
 43 100
 86 9.4 7.5 11.3
 42 10.5 8.4 12.6
 44 9.8 7.8 11.8

Manual Integrations APPROVED

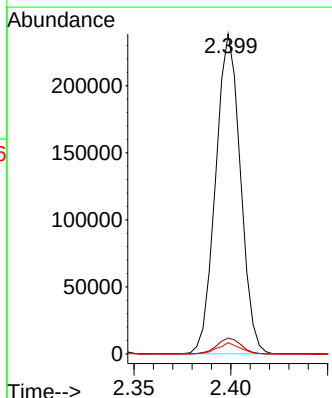
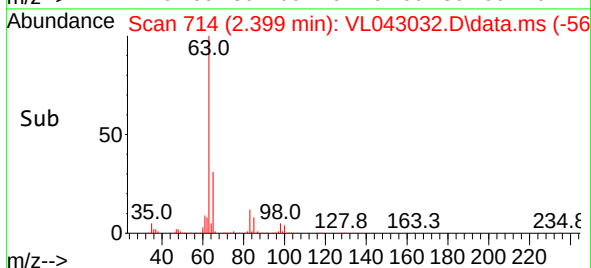
Reviewed By :Semsettin Yesilyurt 10/03/2025
 Supervised By :Mahesh Dadoda 10/10/2025

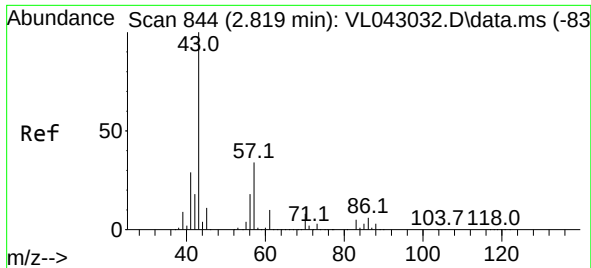


#24
 1,1-Dichloroethane
 Concen: 9.375 ppbv
 RT: 2.399 min Scan# 714
 Delta R.T. 0.000 min
 Lab File: VL043032.D
 Acq: 02 Oct 2025 10:23



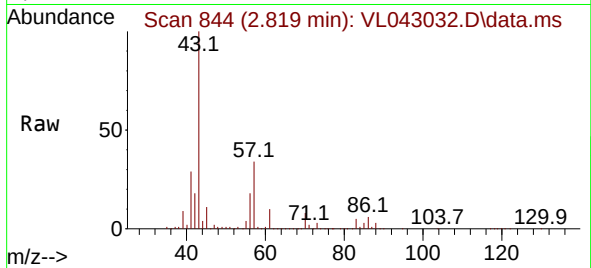
Tgt Ion: 63 Resp: 211973
 Ion Ratio Lower Upper
 63 100
 98 4.9 2.5 7.4
 100 3.6 1.8 5.4





#25
Ethyl Acetate
Concen: 10.022 ppbv
RT: 2.819 min Scan# 844
Delta R.T. 0.000 min
Lab File: VL043032.D
Acq: 02 Oct 2025 10:23

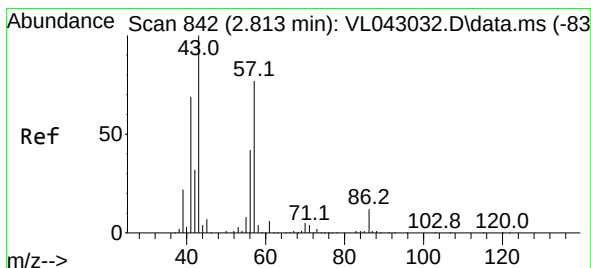
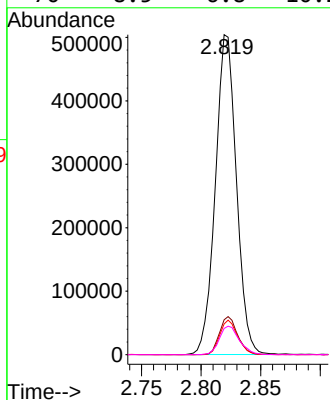
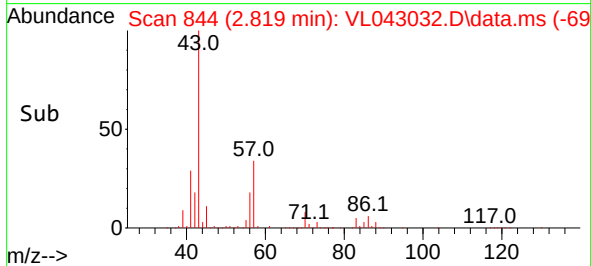
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



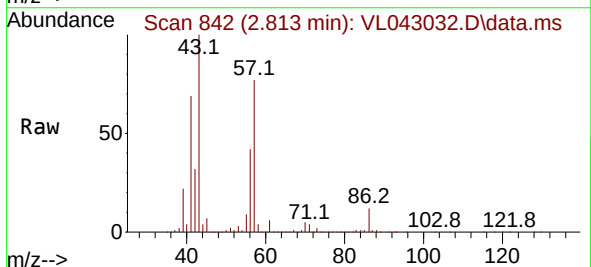
Tgt Ion: 43 Resp: 618469
Ion Ratio Lower Upper
43 100
45 10.3 8.3 12.5
61 9.2 7.5 11.3
70 8.5 6.8 10.2

Manual Integrations
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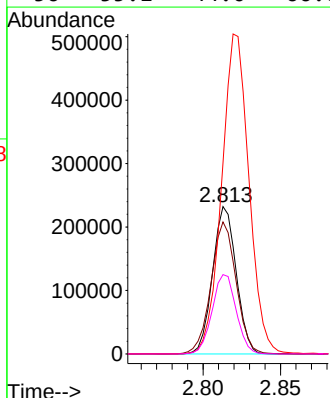
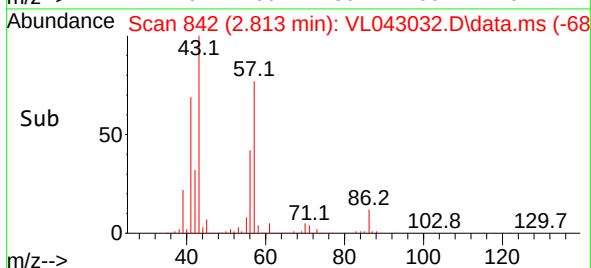
Reviewed By :Semsettin Yesilyurt 10/03/2025
Supervised By :Mahesh Dadoda 10/10/2025

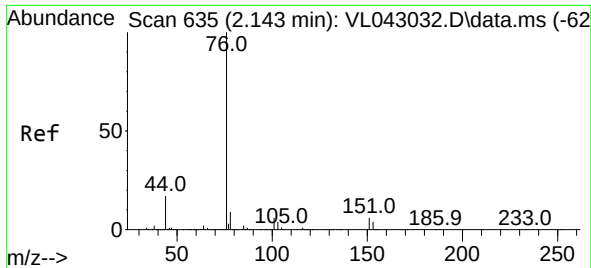


#26
Hexane
Concen: 10.368 ppbv
RT: 2.813 min Scan# 842
Delta R.T. 0.000 min
Lab File: VL043032.D
Acq: 02 Oct 2025 10:23



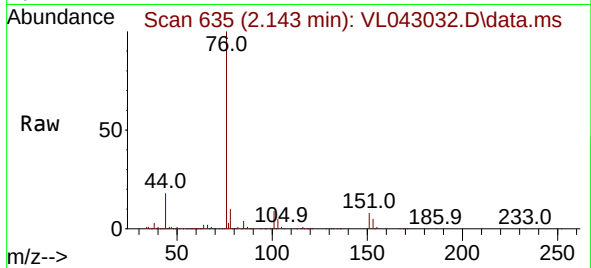
Tgt Ion: 57 Resp: 246127
Ion Ratio Lower Upper
57 100
41 95.1 76.1 114.1
43 252.1 201.4 302.0
56 55.1 44.0 66.0





#27
Carbon Disulfide
Concen: 9.537 ppbv
RT: 2.143 min Scan# 635
Delta R.T. 0.000 min
Lab File: VL043032.D
Acq: 02 Oct 2025 10:23

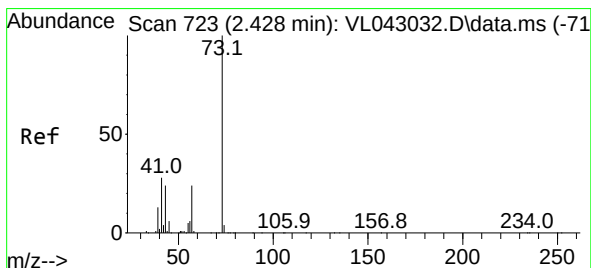
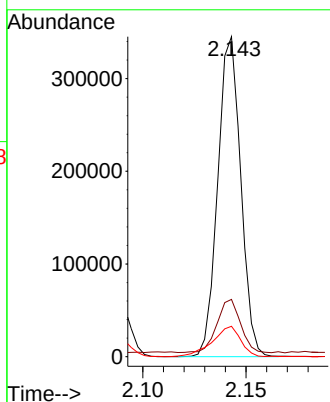
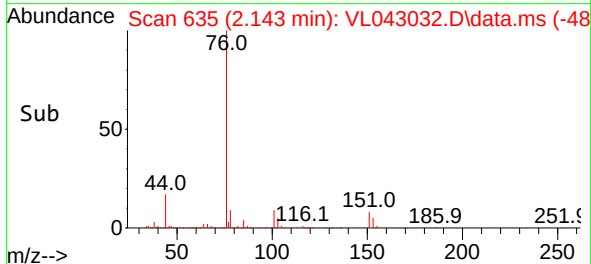
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



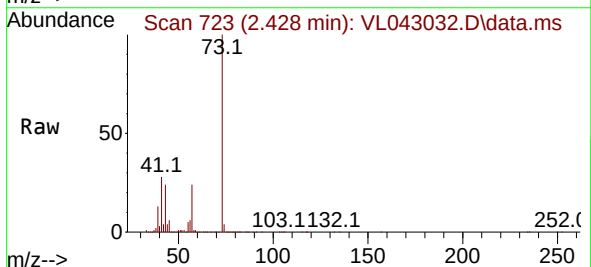
Tgt Ion: 76 Resp: 267294
Ion Ratio Lower Upper
76 100
44 17.5 14.0 21.0
78 11.7 9.4 14.0

Manual Integrations
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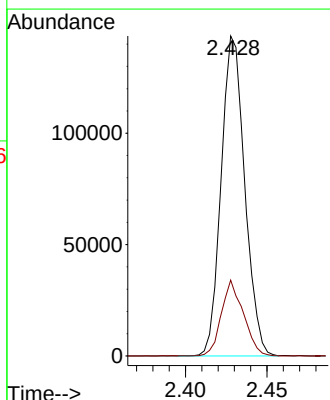
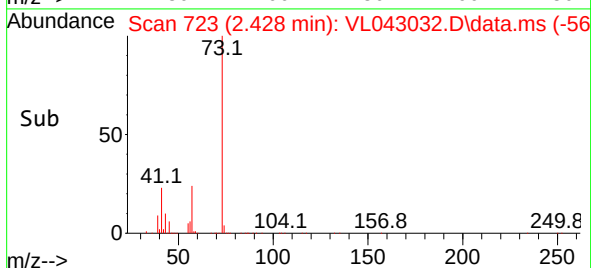
Reviewed By :Semsettin Yesilyurt 10/03/2025
Supervised By :Mahesh Dadoda 10/10/2025

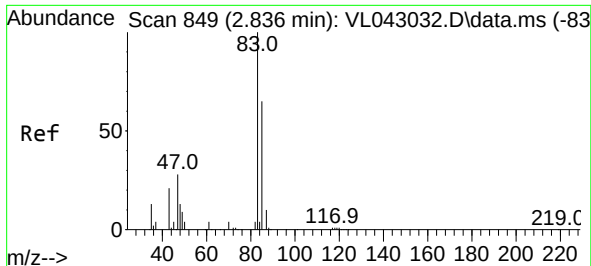


#28
Methyl tert-Butyl Ether
Concen: 9.729 ppbv
RT: 2.428 min Scan# 723
Delta R.T. 0.000 min
Lab File: VL043032.D
Acq: 02 Oct 2025 10:23



Tgt Ion: 73 Resp: 144534
Ion Ratio Lower Upper
73 100
57 22.3 17.8 26.8





#29

Chloroform

Concen: 9.577 ppbv

RT: 2.836 min Scan# 849

Delta R.T. 0.000 min

Lab File: VL043032.D

Acq: 02 Oct 2025 10:23

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion: 83 Resp: 38761

Ion Ratio Lower Upper

83 100

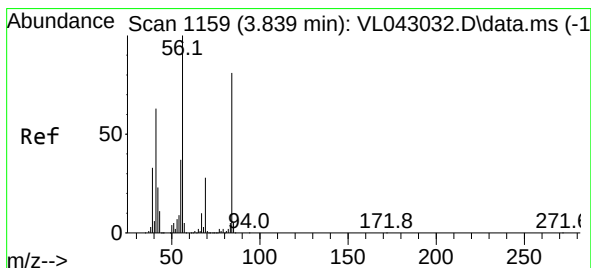
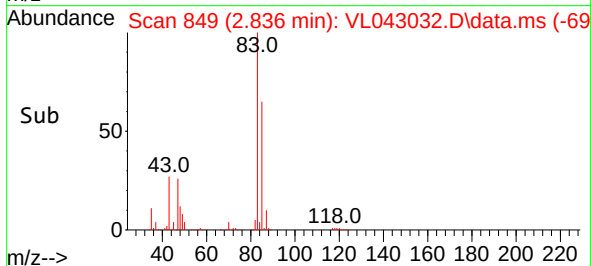
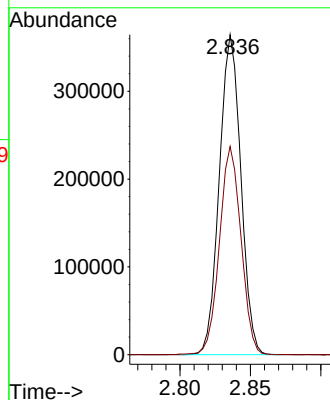
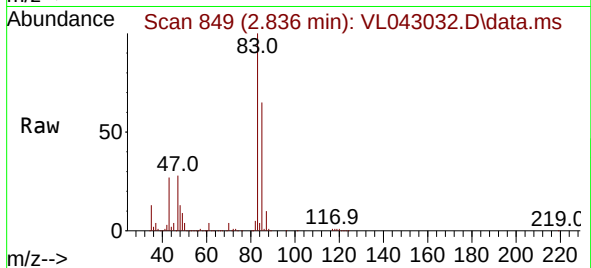
85 65.0 52.0 78.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/03/2025

Supervised By :Mahesh Dadoda 10/10/2025



#30

Cyclohexane

Concen: 10.728 ppbv

RT: 3.839 min Scan# 1159

Delta R.T. 0.000 min

Lab File: VL043032.D

Acq: 02 Oct 2025 10:23

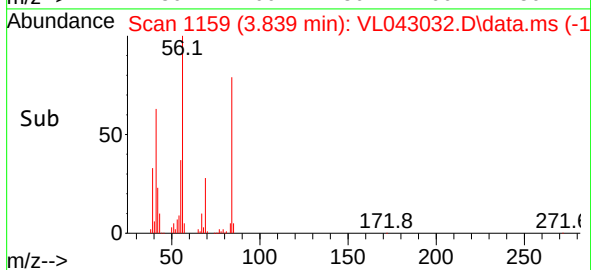
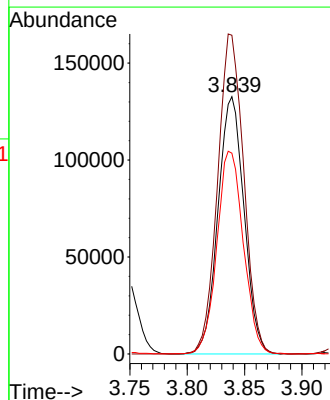
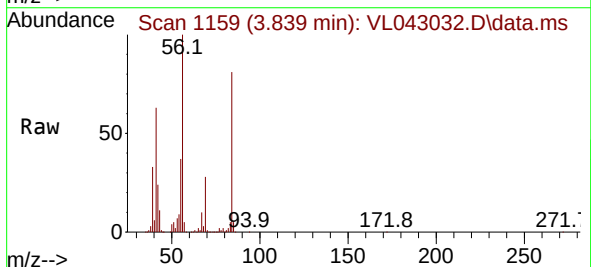
Tgt Ion: 84 Resp: 209266

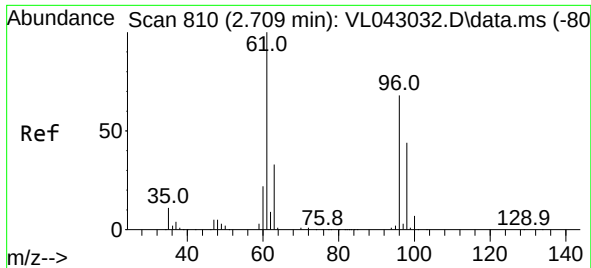
Ion Ratio Lower Upper

84 100

56 124.9 99.9 149.9

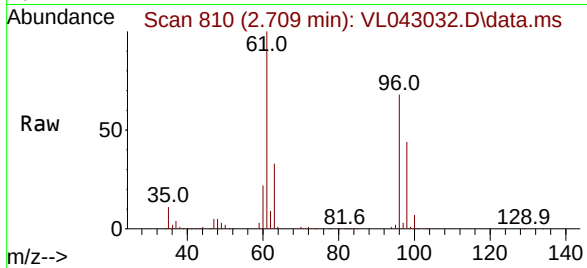
41 80.3 64.2 96.4





#31
 cis-1,2-Dichloroethene
 Concen: 10.101 ppbv
 RT: 2.709 min Scan# 810
 Delta R.T. 0.000 min
 Lab File: VL043032.D
 Acq: 02 Oct 2025 10:23

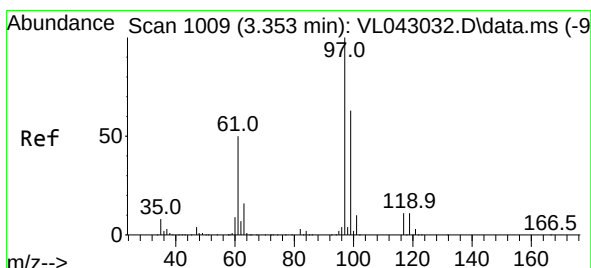
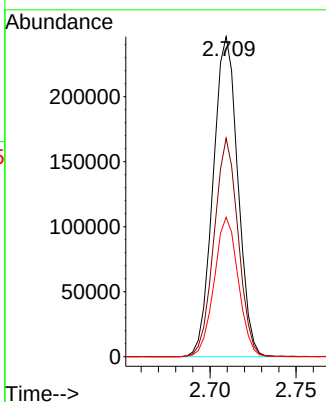
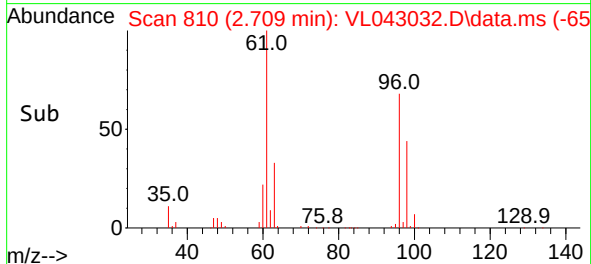
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



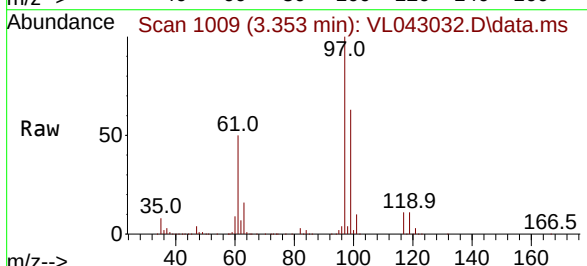
Tgt Ion: 61 Resp: 246509
 Ion Ratio Lower Upper
 61 100
 96 68.3 54.6 82.0
 98 43.5 34.8 52.2

Manual Integrations
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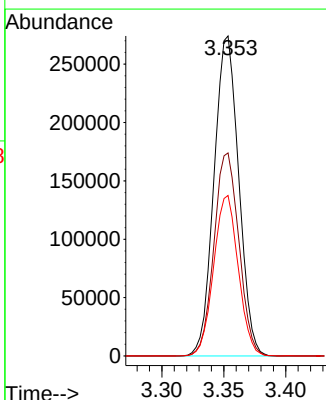
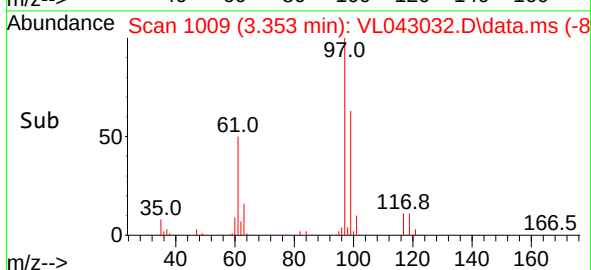
Reviewed By :Semsettin Yesilyurt 10/03/2025
 Supervised By :Mahesh Dadoda 10/10/2025

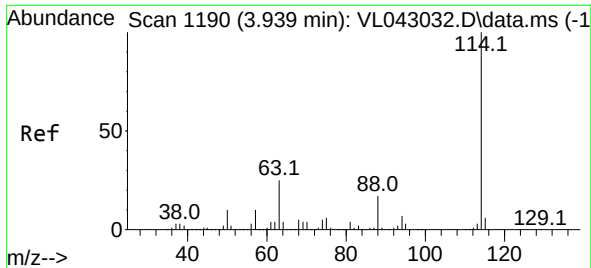


#32
 1,1,1-Trichloroethane
 Concen: 9.691 ppbv
 RT: 3.353 min Scan# 1009
 Delta R.T. 0.000 min
 Lab File: VL043032.D
 Acq: 02 Oct 2025 10:23



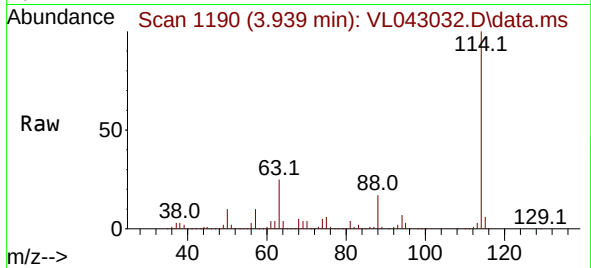
Tgt Ion: 97 Resp: 381212
 Ion Ratio Lower Upper
 97 100
 99 64.0 51.2 76.8
 61 50.1 40.1 60.1





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.939 min Scan# 1190
Delta R.T. 0.000 min
Lab File: VL043032.D
Acq: 02 Oct 2025 10:23

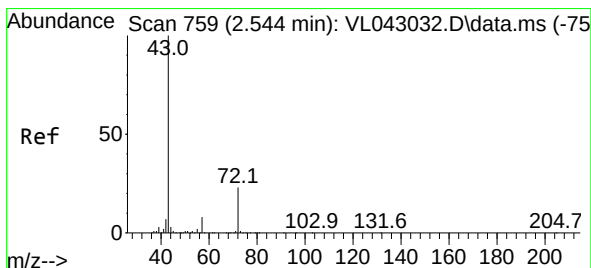
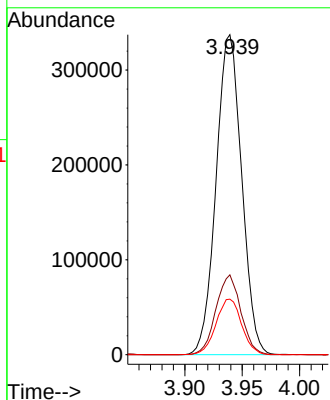
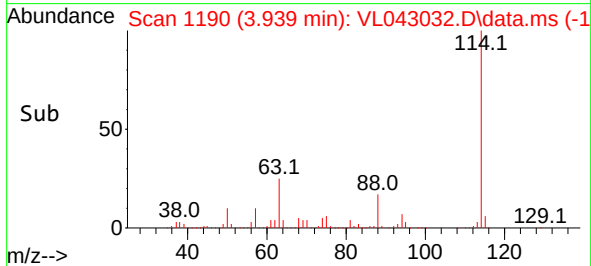
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



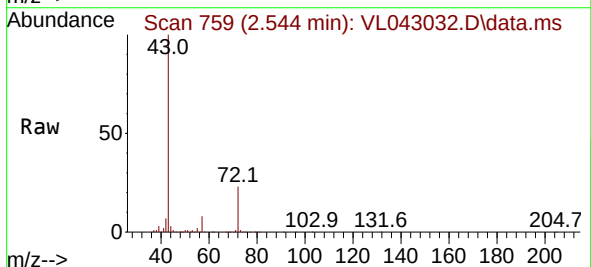
Tgt Ion:114 Resp: 523534
Ion Ratio Lower Upper
114 100
63 24.3 19.4 29.2
88 17.4 13.9 20.9

Manual Integrations
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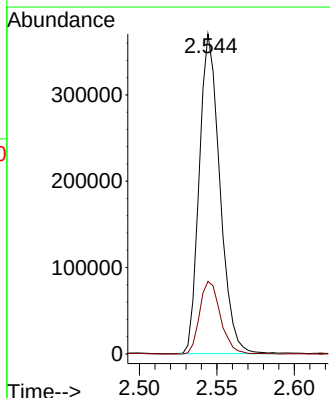
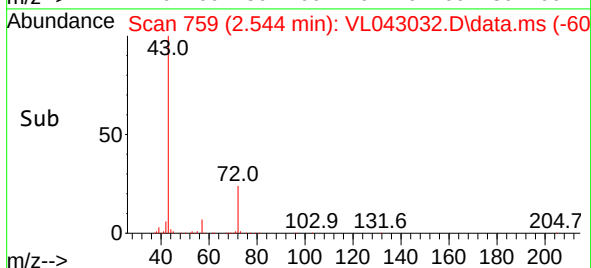
Reviewed By :Semsettin Yesilyurt 10/03/2025
Supervised By :Mahesh Dadoda 10/10/2025

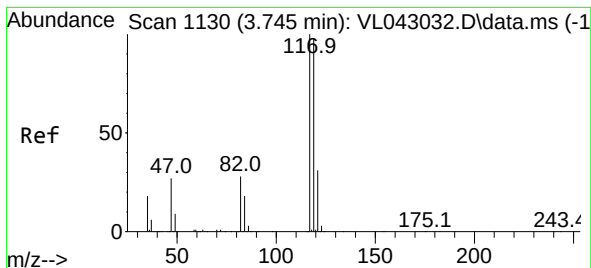


#34
2-Butanone
Concen: 9.647 ppbv
RT: 2.544 min Scan# 759
Delta R.T. 0.000 min
Lab File: VL043032.D
Acq: 02 Oct 2025 10:23



Tgt Ion: 43 Resp: 342678
Ion Ratio Lower Upper
43 100
72 23.0 18.4 27.6





#35

Carbon Tetrachloride

Concen: 9.251 ppbv

RT: 3.745 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VL043032.D

Acq: 02 Oct 2025 10:23

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

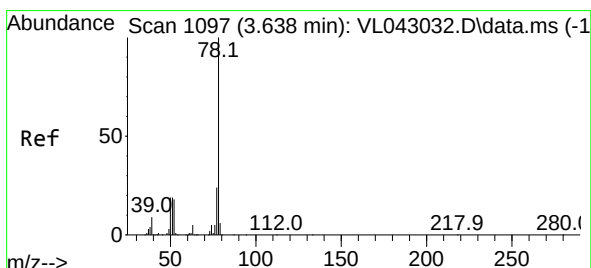
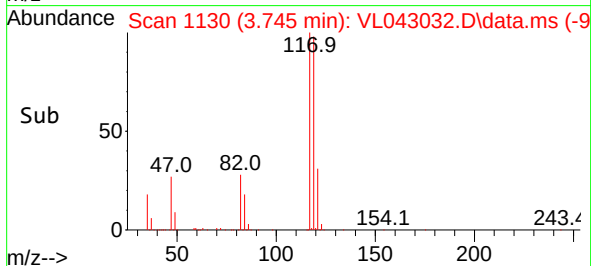
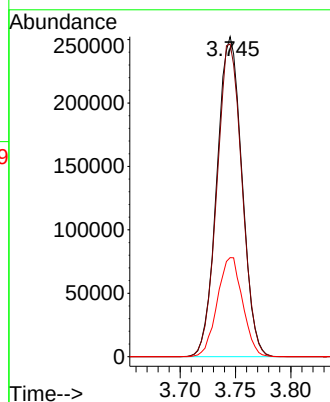
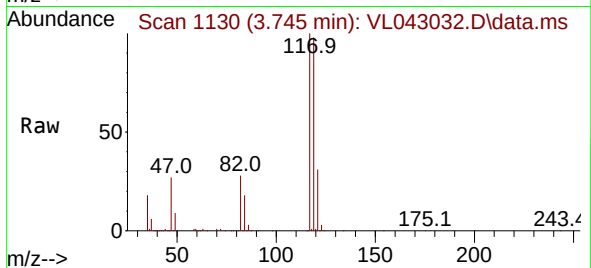
Tgt Ion:117 Resp: 39848

Ion	Ratio	Lower	Upper
117	100		
119	97.8	78.2	117.4
121	31.0	24.8	37.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/03/2025
Supervised By :Mahesh Dadoda 10/10/2025



#36

Benzene

Concen: 10.090 ppbv

RT: 3.638 min Scan# 1097

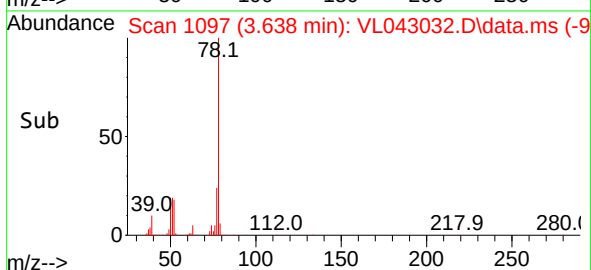
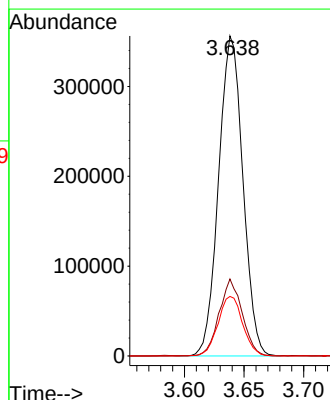
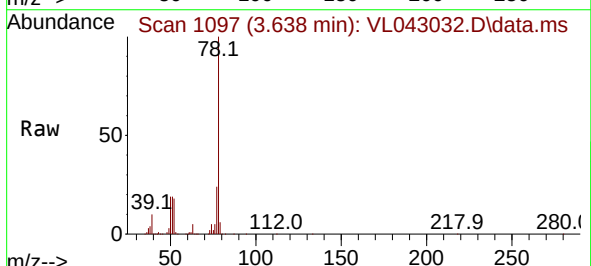
Delta R.T. 0.000 min

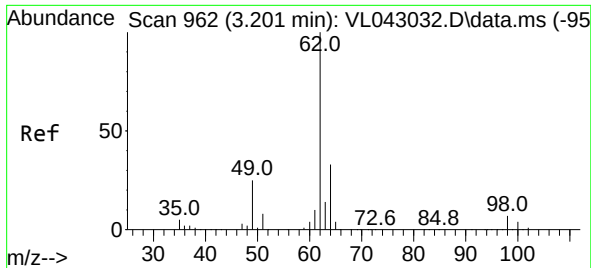
Lab File: VL043032.D

Acq: 02 Oct 2025 10:23

Tgt Ion: 78 Resp: 504680

Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.2	28.8
50	18.6	14.9	22.3





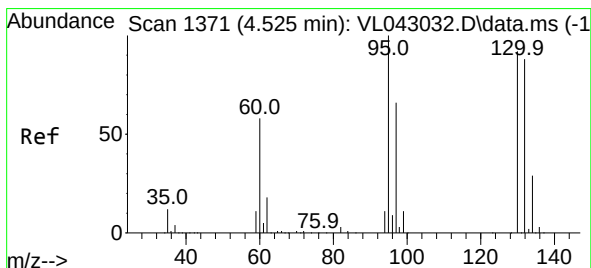
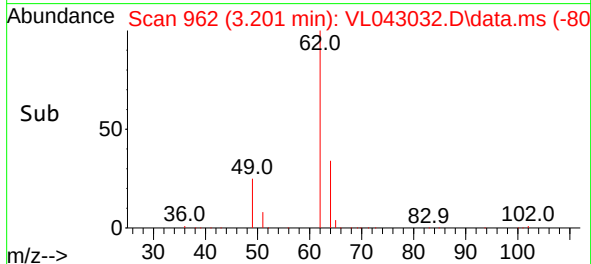
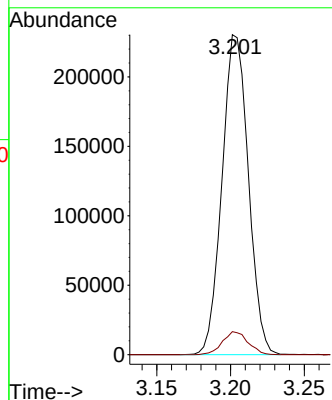
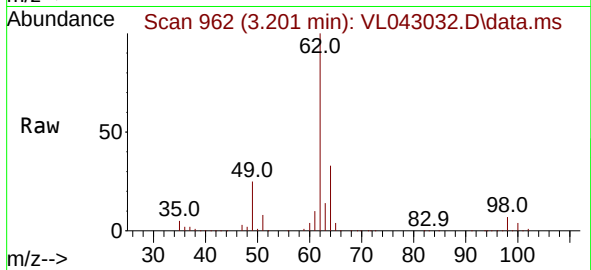
#37
1,2-Dichloroethane
Concen: 9.674 ppbv
RT: 3.201 min Scan# 962
Delta R.T. 0.000 min
Lab File: VL043032.D
Acq: 02 Oct 2025 10:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 62 Resp: 286590
Ion Ratio Lower Upper
62 100
98 7.0 5.6 8.4

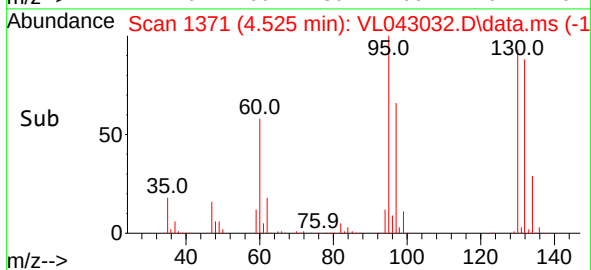
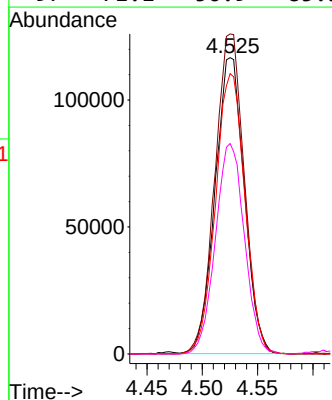
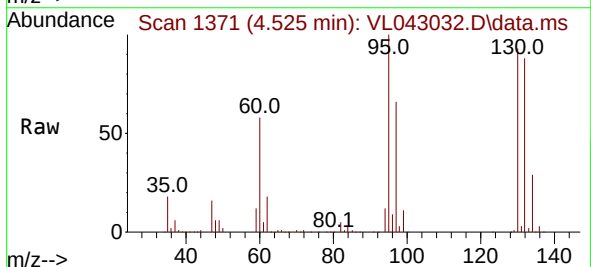
Manual Integrations
APPROVED

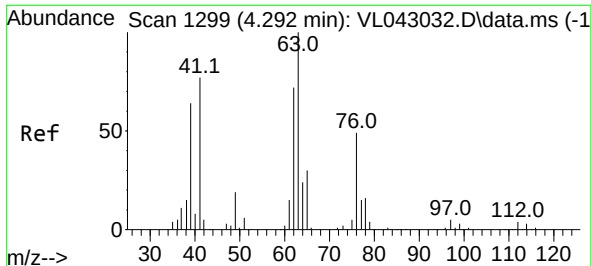
Reviewed By :Semsettin Yesilyurt 10/03/2025
Supervised By :Mahesh Dadoda 10/10/2025



#38
Trichloroethene
Concen: 10.277 ppbv
RT: 4.525 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VL043032.D
Acq: 02 Oct 2025 10:23

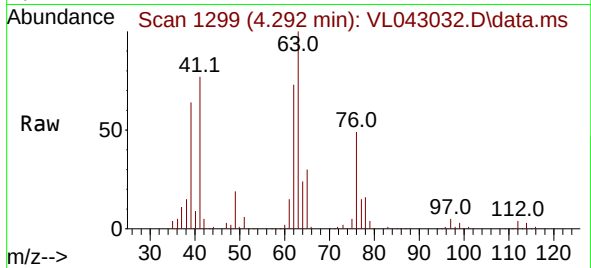
Tgt Ion:130 Resp: 214186
Ion Ratio Lower Upper
130 100
95 108.0 86.4 129.6
132 94.6 75.7 113.5
97 71.1 56.9 85.3





#39
 1,2-Dichloropropane
 Concen: 9.870 ppbv
 RT: 4.292 min Scan# 1299
 Delta R.T. 0.000 min
 Lab File: VL043032.D
 Acq: 02 Oct 2025 10:23

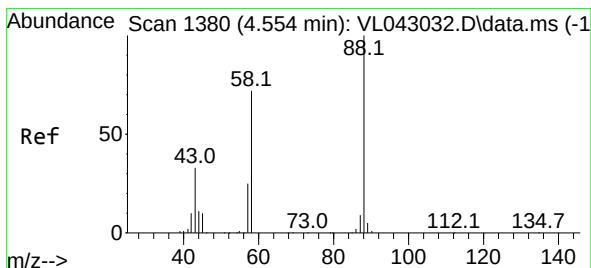
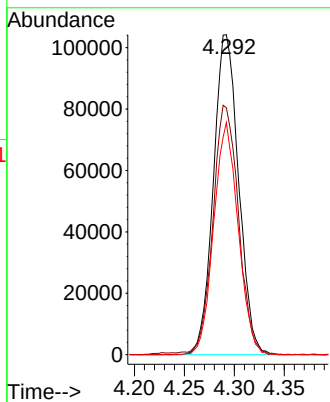
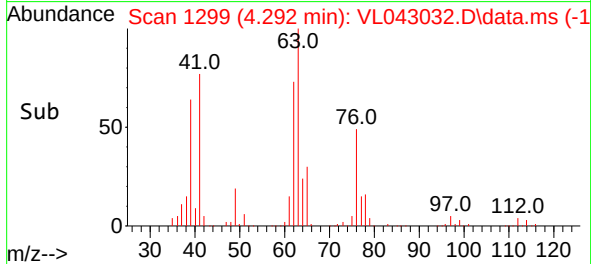
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



Tgt Ion: 63 Resp: 18298
 Ion Ratio Lower Upper
 63 100
 41 77.0 61.6 92.4
 62 72.6 58.1 87.1

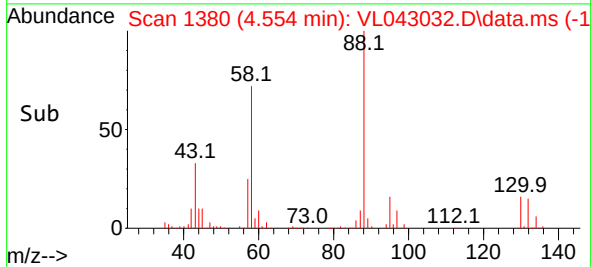
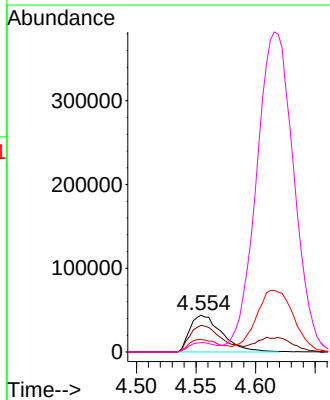
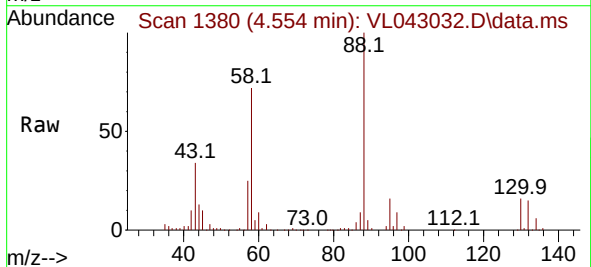
Manual Integrations
 APPROVED

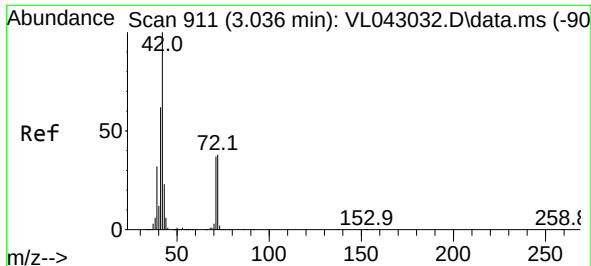
Reviewed By :Semsettin Yesilyurt 10/03/2025
 Supervised By :Mahesh Dadoda 10/10/2025



#40
 1,4-Dioxane
 Concen: 10.324 ppbv
 RT: 4.554 min Scan# 1380
 Delta R.T. 0.000 min
 Lab File: VL043032.D
 Acq: 02 Oct 2025 10:23

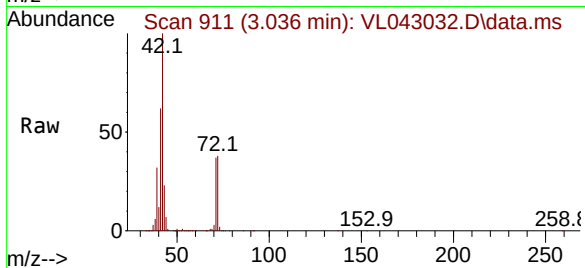
Tgt Ion: 88 Resp: 82195
 Ion Ratio Lower Upper
 88 100
 58 71.7 56.2 84.2
 43 33.1 25.7 38.5
 57 0.0 0.0 0.0





#41
Tetrahydrofuran
Concen: 10.730 ppbv
RT: 3.036 min Scan# 911
Delta R.T. 0.000 min
Lab File: VL043032.D
Acq: 02 Oct 2025 10:23

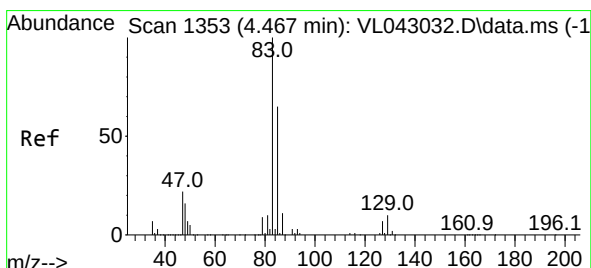
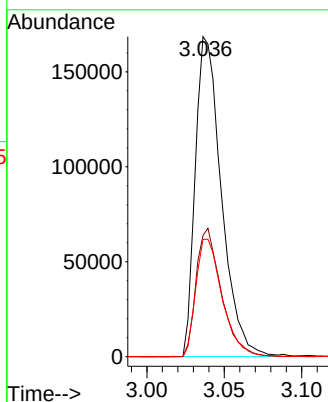
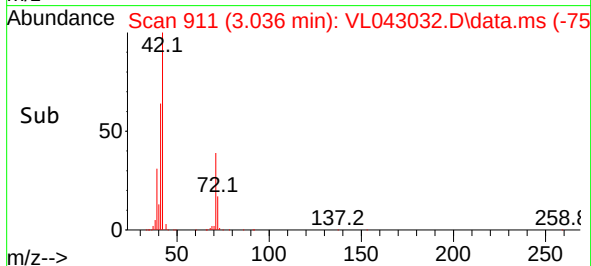
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



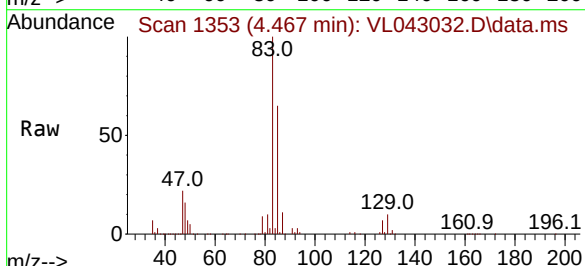
Tgt Ion: 42 Resp: 196992
Ion Ratio Lower Upper
42 100
72 38.8 31.0 46.6
71 37.4 29.8 44.6

Manual Integrations
APPROVED

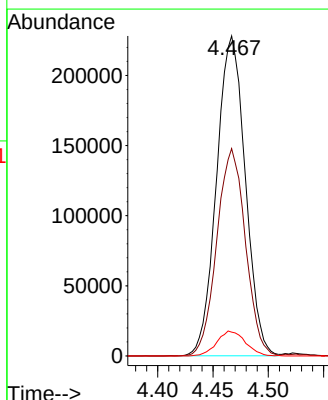
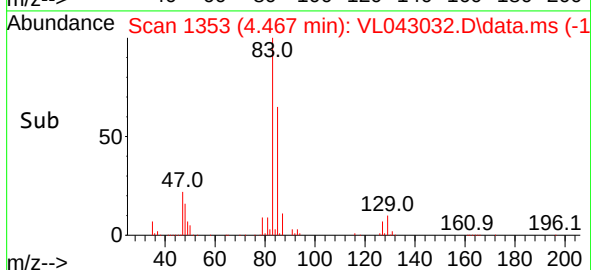
Reviewed By :Semsettin Yesilyurt 10/03/2025
Supervised By :Mahesh Dadoda 10/10/2025

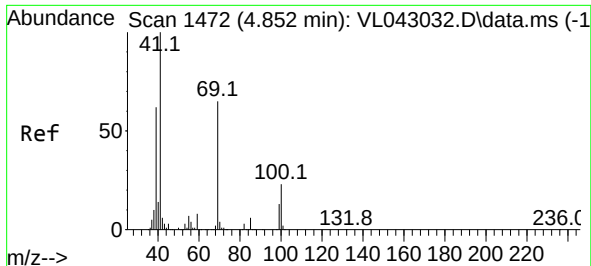


#42
Bromodichloromethane
Concen: 9.861 ppbv
RT: 4.467 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VL043032.D
Acq: 02 Oct 2025 10:23



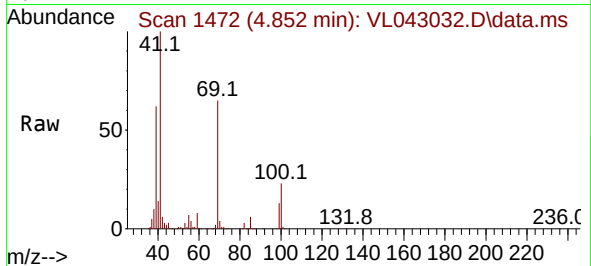
Tgt Ion: 83 Resp: 412493
Ion Ratio Lower Upper
83 100
85 64.8 51.8 77.8
127 7.4 5.9 8.9





#43
Methyl Methacrylate
Concen: 11.139 ppbv
RT: 4.852 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VL043032.D
Acq: 02 Oct 2025 10:23

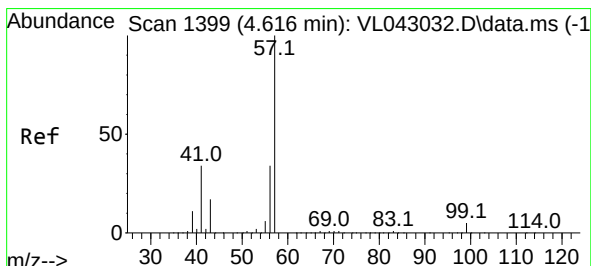
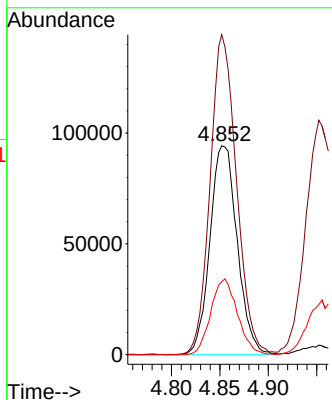
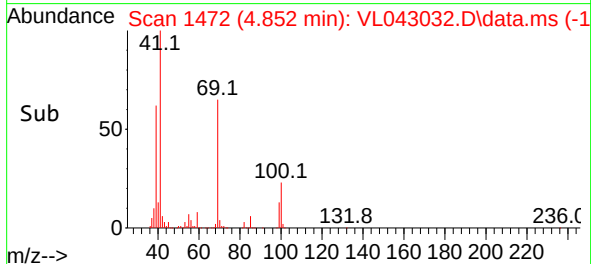
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



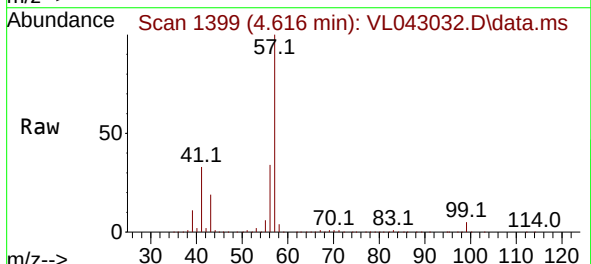
Tgt Ion: 69 Resp: 184960
Ion Ratio Lower Upper
69 100
41 147.4 118.0 177.0
100 35.4 28.3 42.5

Manual Integrations
APPROVED

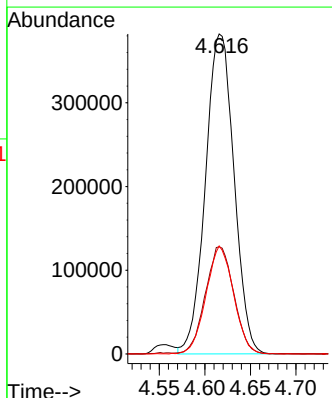
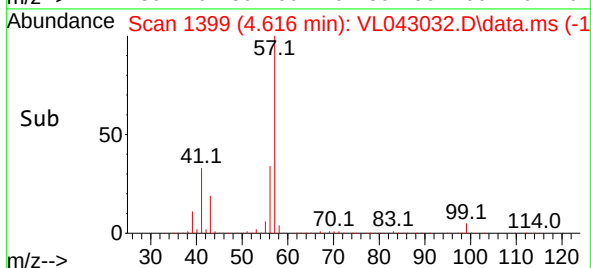
Reviewed By :Semsettin Yesilyurt 10/03/2025
Supervised By :Mahesh Dadoda 10/10/2025

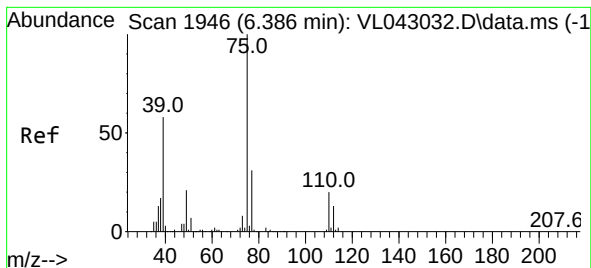


#44
2,2,4-Trimethylpentane
Concen: 10.393 ppbv
RT: 4.616 min Scan# 1399
Delta R.T. 0.000 min
Lab File: VL043032.D
Acq: 02 Oct 2025 10:23



Tgt Ion: 57 Resp: 834185
Ion Ratio Lower Upper
57 100
41 33.5 27.0 40.4
56 32.5 26.0 39.0





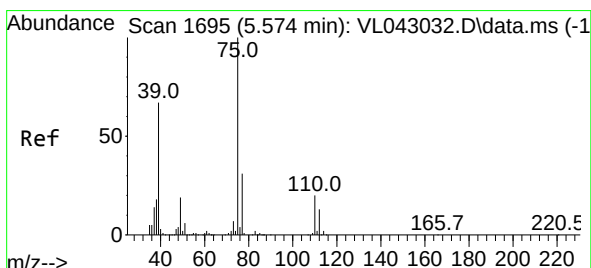
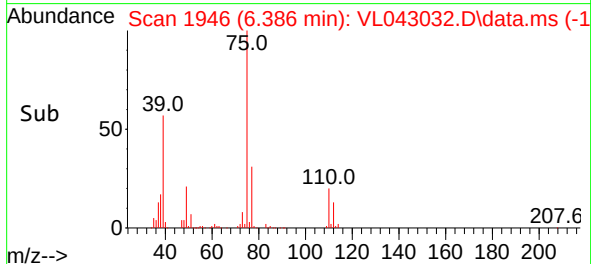
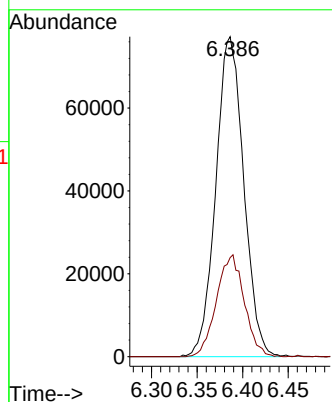
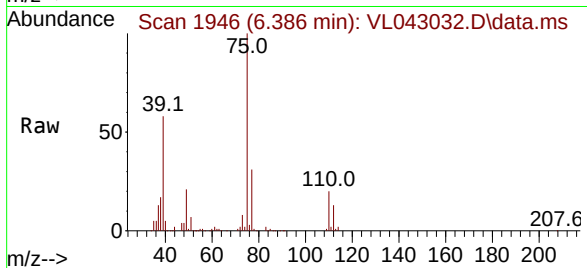
#45
 t-1,3-Dichloropropene
 Concen: 10.931 ppbv
 RT: 6.386 min Scan# 1946
 Delta R.T. 0.000 min
 Lab File: VL043032.D
 Acq: 02 Oct 2025 10:23

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Tgt Ion: 75 Resp: 16443
 Ion Ratio Lower Upper
 75 100
 77 30.9 24.7 37.1

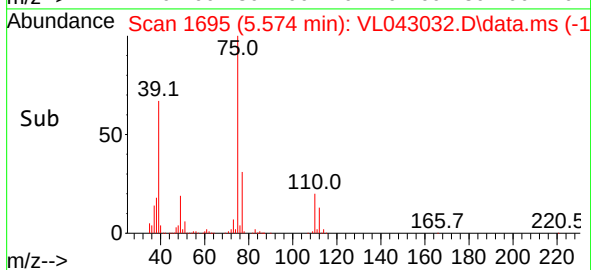
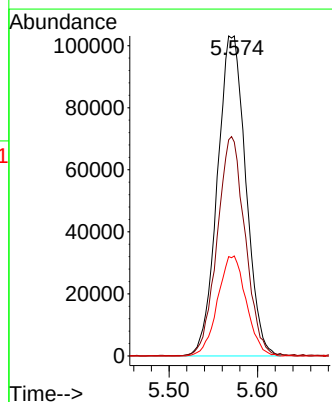
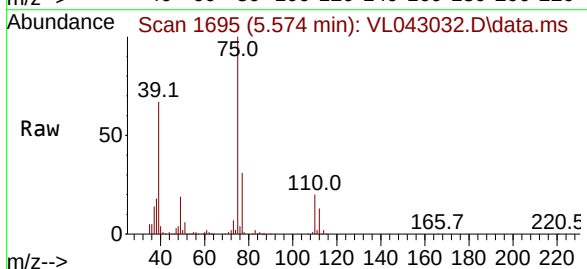
Manual Integrations
 APPROVED

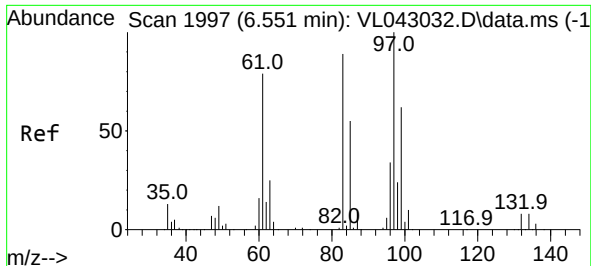
Reviewed By :Semsettin Yesilyurt 10/03/2025
 Supervised By :Mahesh Dadoda 10/10/2025



#46
 cis-1,3-Dichloropropene
 Concen: 10.772 ppbv
 RT: 5.574 min Scan# 1695
 Delta R.T. 0.000 min
 Lab File: VL043032.D
 Acq: 02 Oct 2025 10:23

Tgt Ion: 75 Resp: 230231
 Ion Ratio Lower Upper
 75 100
 39 66.7 53.4 80.0
 77 31.2 25.0 37.4





#47

1,1,2-Trichloroethane

Concen: 9.552 ppbv

RT: 6.551 min Scan# 1997

Delta R.T. 0.000 min

Lab File: VL043032.D

Acq: 02 Oct 2025 10:23

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion: 97 Resp: 196990

Ion Ratio Lower Upper

97 100

83 88.9 71.1 106.7

85 55.4 44.3 66.5

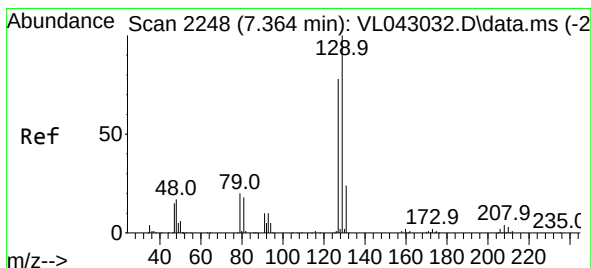
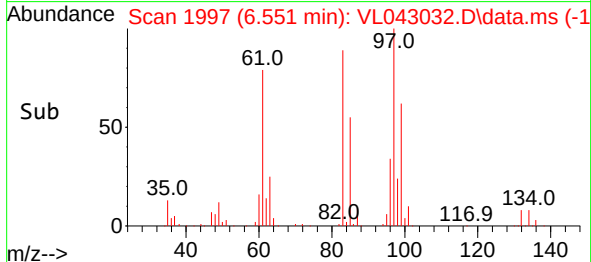
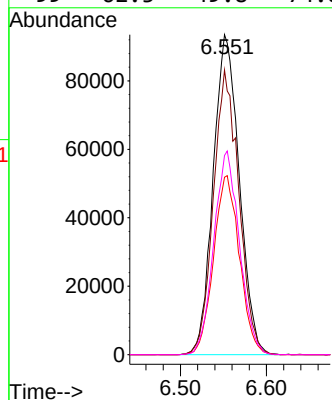
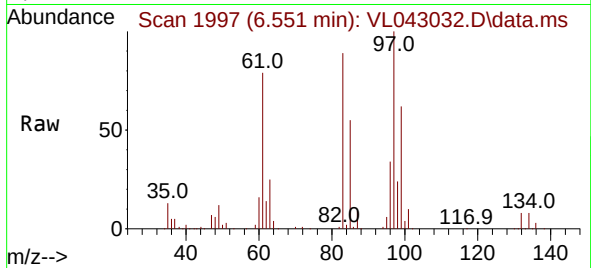
99 62.3 49.8 74.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/03/2025

Supervised By :Mahesh Dadoda 10/10/2025



#48

Dibromochloromethane

Concen: 10.278 ppbv

RT: 7.364 min Scan# 2248

Delta R.T. 0.000 min

Lab File: VL043032.D

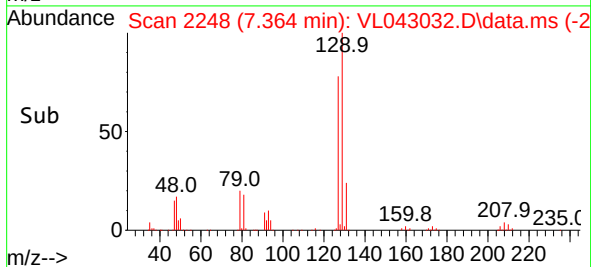
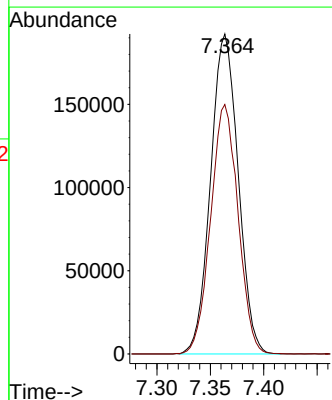
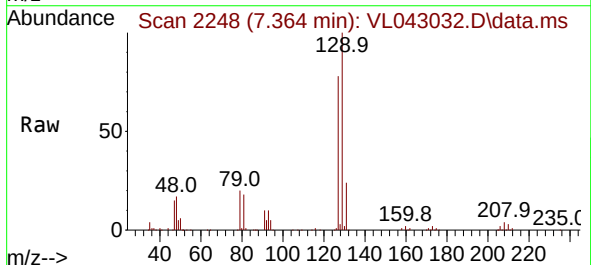
Acq: 02 Oct 2025 10:23

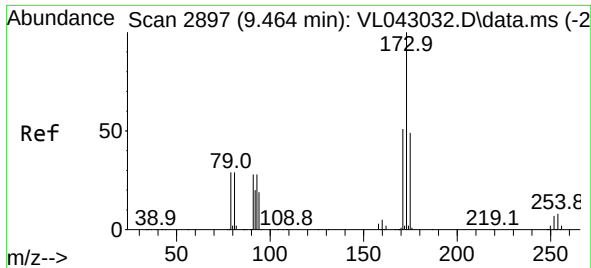
Tgt Ion:129 Resp: 345945

Ion Ratio Lower Upper

129 100

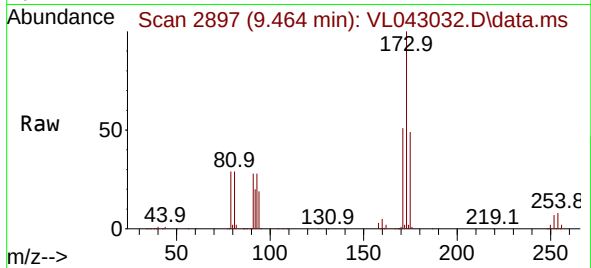
127 77.3 38.6 116.0





#49
Bromoform
Concen: 10.423 ppbv
RT: 9.464 min Scan# 2897
Delta R.T. 0.000 min
Lab File: VL043032.D
Acq: 02 Oct 2025 10:23

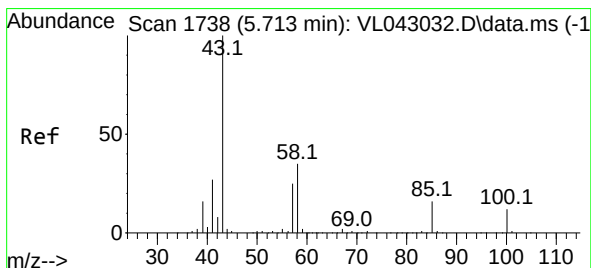
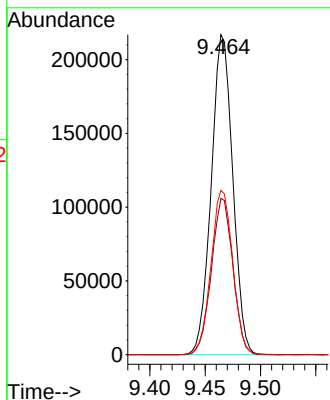
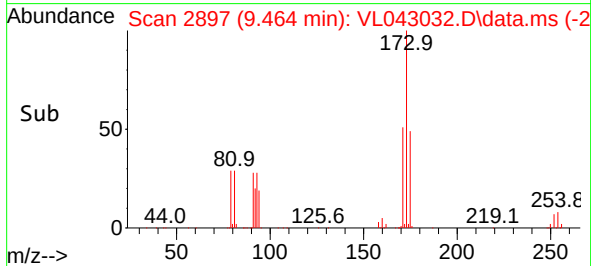
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion:173 Resp: 29298
Ion Ratio Lower Upper
173 100
175 48.9 39.1 58.7
171 51.8 41.4 62.2

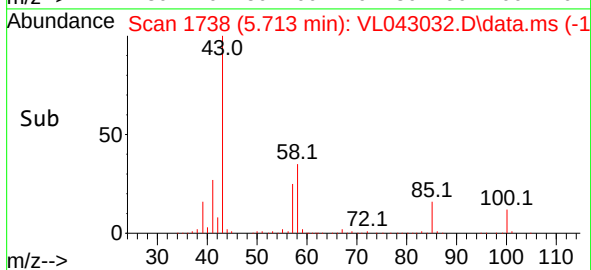
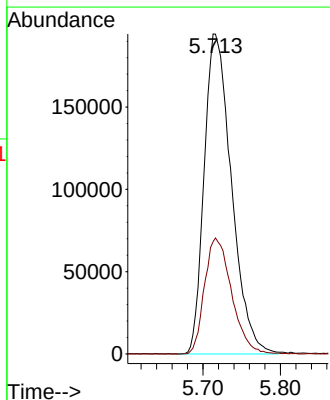
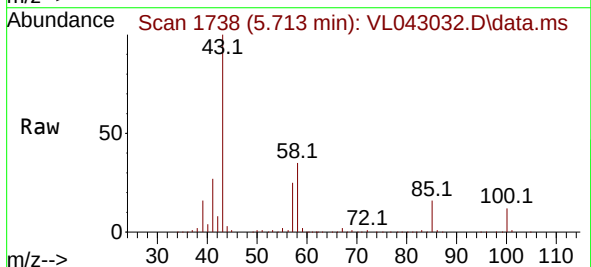
Manual Integrations
APPROVED

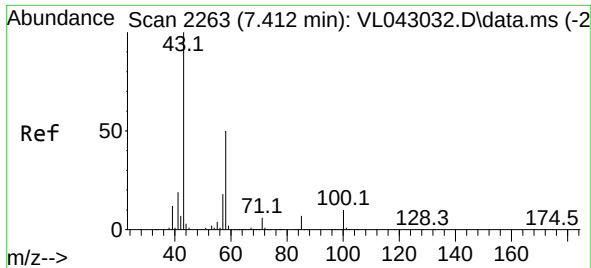
Reviewed By :Semsettin Yesilyurt 10/03/2025
Supervised By :Mahesh Dadoda 10/10/2025



#50
4-Methyl-2-Pentanone
Concen: 10.994 ppbv
RT: 5.713 min Scan# 1738
Delta R.T. 0.000 min
Lab File: VL043032.D
Acq: 02 Oct 2025 10:23

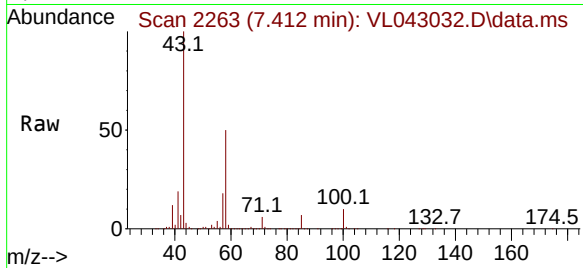
Tgt Ion: 43 Resp: 476242
Ion Ratio Lower Upper
43 100
58 35.9 28.7 43.1





#51
2-Hexanone
Concen: 11.817 ppbv
RT: 7.412 min Scan# 2263
Delta R.T. 0.000 min
Lab File: VL043032.D
Acq: 02 Oct 2025 10:23

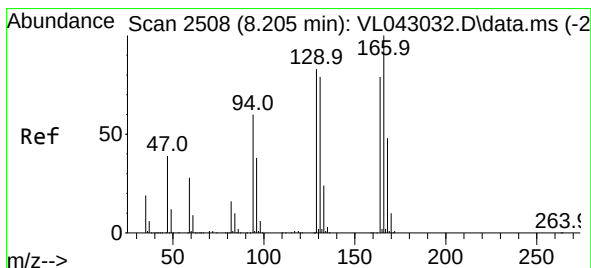
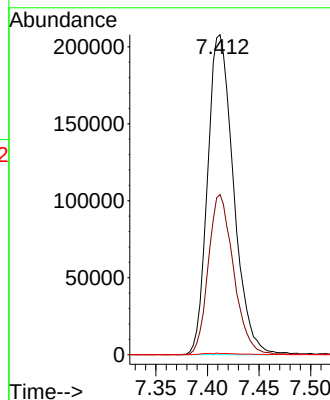
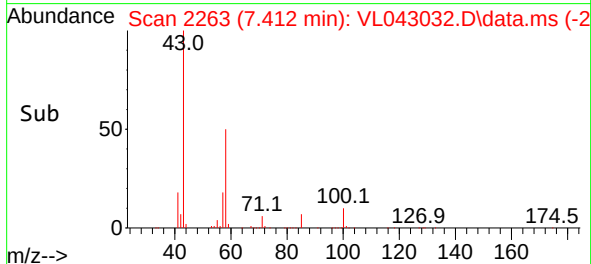
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



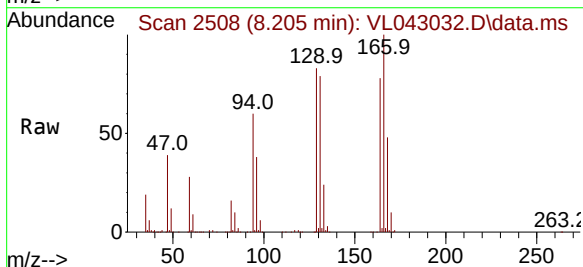
Tgt Ion: 43 Resp: 36298
Ion Ratio Lower Upper
43 100
58 48.8 39.1 58.7
98 0.6 0.5 0.7

Manual Integrations
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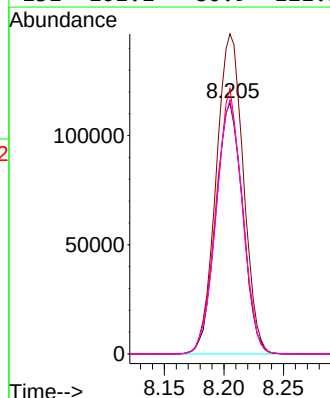
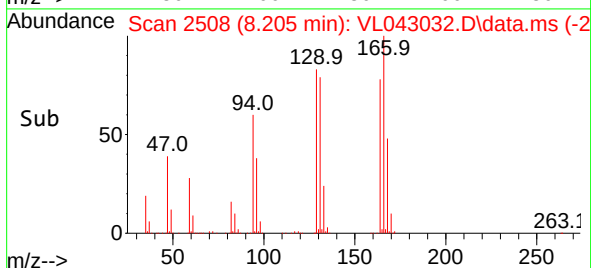
Reviewed By :Semsettin Yesilyurt 10/03/2025
Supervised By :Mahesh Dadoda 10/10/2025

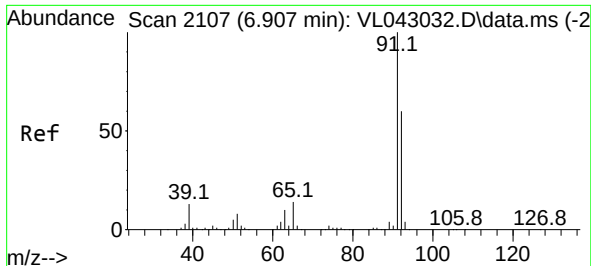


#52
Tetrachloroethene
Concen: 9.693 ppbv
RT: 8.205 min Scan# 2508
Delta R.T. 0.000 min
Lab File: VL043032.D
Acq: 02 Oct 2025 10:23



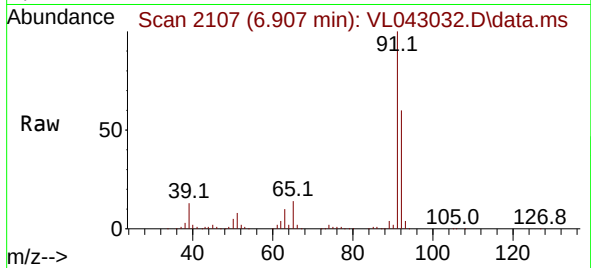
Tgt Ion:164 Resp: 180664
Ion Ratio Lower Upper
164 100
166 127.3 101.8 152.8
129 105.6 84.5 126.7
131 101.1 80.9 121.3





#53
Toluene
Concen: 11.265 ppbv
RT: 6.907 min Scan# 2107
Delta R.T. 0.000 min
Lab File: VL043032.D
Acq: 02 Oct 2025 10:23

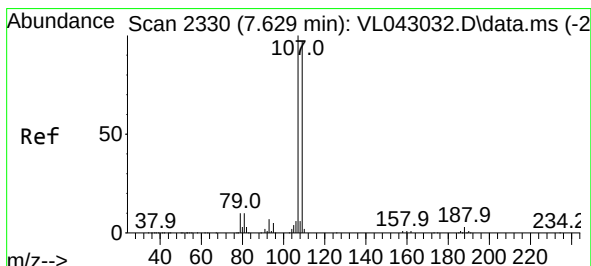
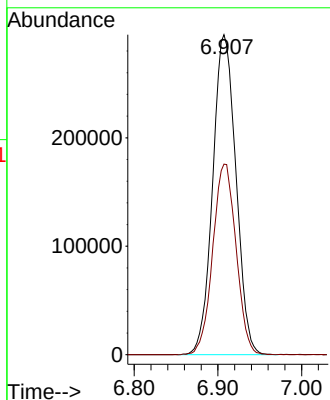
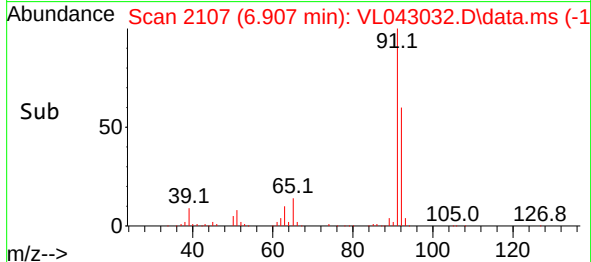
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



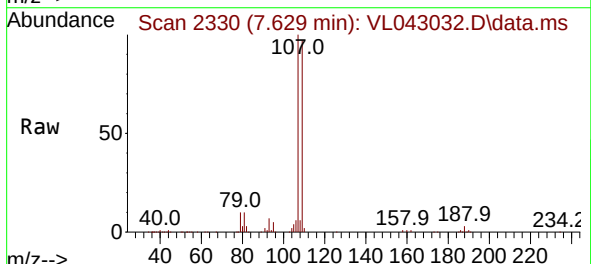
Tgt Ion: 91 Resp: 56884
Ion Ratio Lower Upper
91 100
92 59.7 47.8 71.6

Manual Integrations
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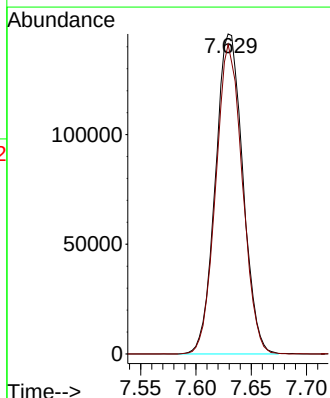
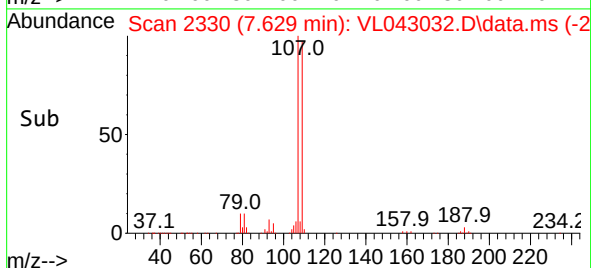
Reviewed By :Semsettin Yesilyurt 10/03/2025
Supervised By :Mahesh Dadoda 10/10/2025

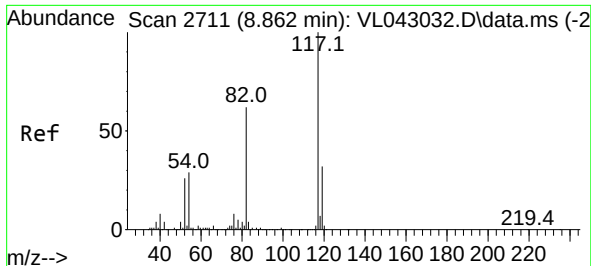


#54
1,2-Dibromoethane
Concen: 10.309 ppbv
RT: 7.629 min Scan# 2330
Delta R.T. 0.000 min
Lab File: VL043032.D
Acq: 02 Oct 2025 10:23



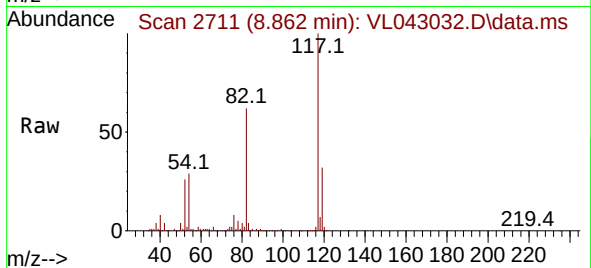
Tgt Ion:107 Resp: 251974
Ion Ratio Lower Upper
107 100
109 96.7 77.4 116.0





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.862 min Scan# 2711
Delta R.T. 0.000 min
Lab File: VL043032.D
Acq: 02 Oct 2025 10:23

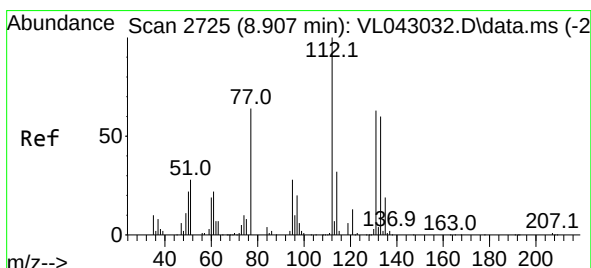
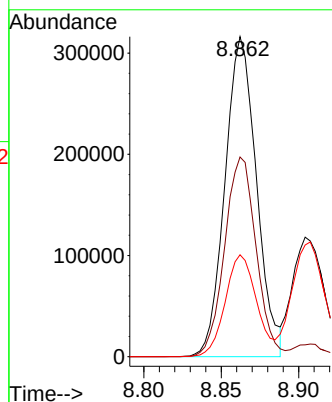
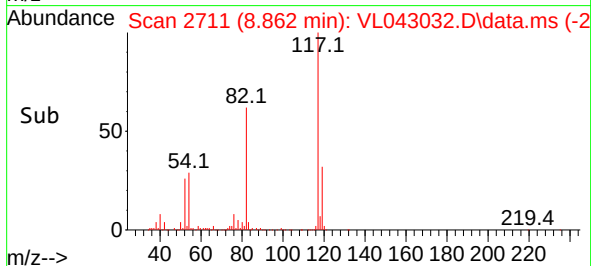
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion:117 Resp: 448390
Ion Ratio Lower Upper
117 100
82 66.3 53.0 79.6
119 32.8 25.4 38.2

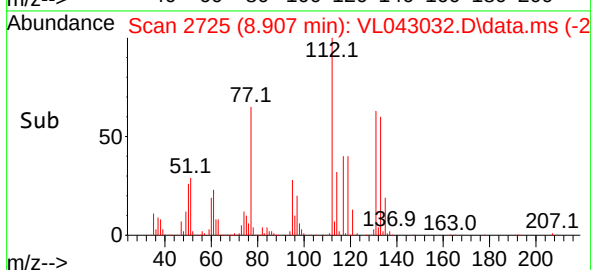
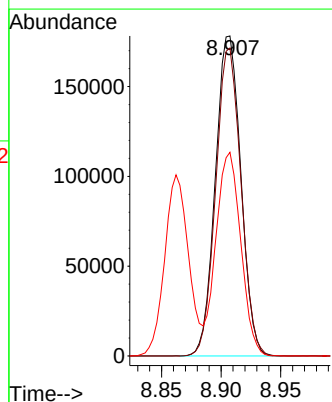
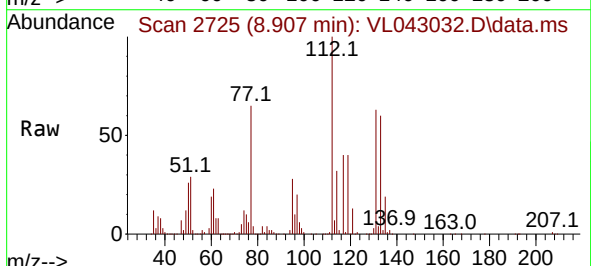
Manual Integrations
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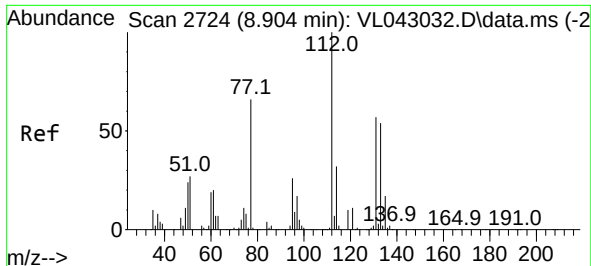
Reviewed By :Semsettin Yesilyurt 10/03/2025
Supervised By :Mahesh Dadoda 10/10/2025



#56
1,1,1,2-Tetrachloroethane
Concen: 9.693 ppbv
RT: 8.907 min Scan# 2725
Delta R.T. 0.000 min
Lab File: VL043032.D
Acq: 02 Oct 2025 10:23

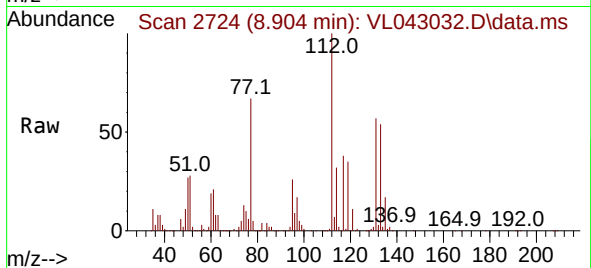
Tgt Ion:131 Resp: 264925
Ion Ratio Lower Upper
131 100
133 95.3 76.2 114.4
119 61.8 49.4 74.2





#57
Chlorobenzene
Concen: 9.600 ppbv
RT: 8.904 min Scan# 2724
Delta R.T. 0.000 min
Lab File: VL043032.D
Acq: 02 Oct 2025 10:23

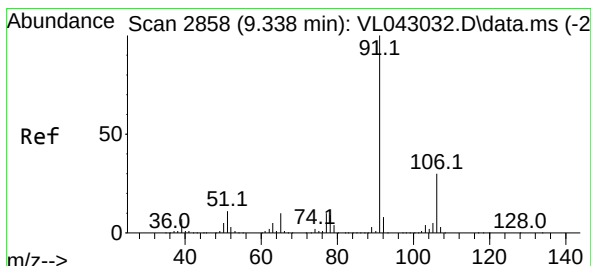
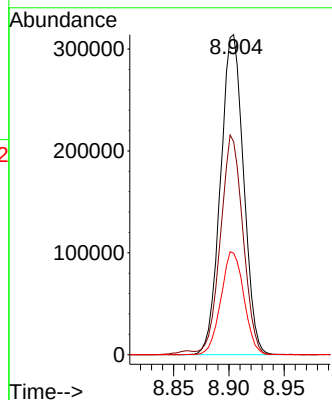
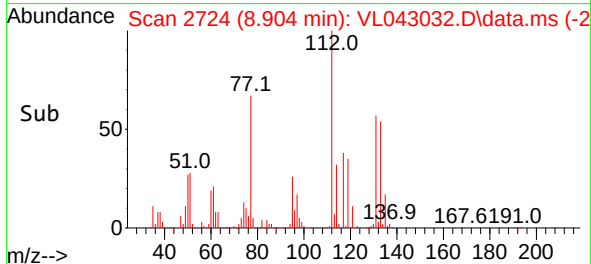
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion:112 Resp: 455049
Ion Ratio Lower Upper
112 100
77 66.5 53.2 79.8
114 31.8 28.6 35.0

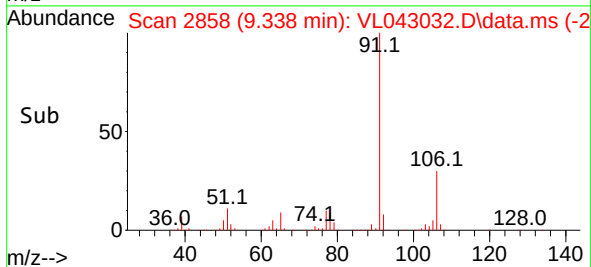
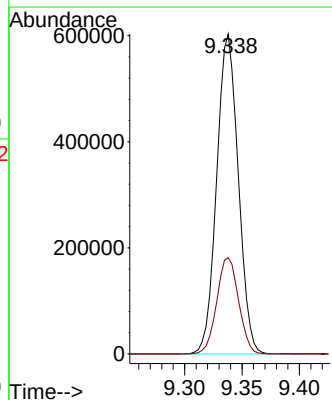
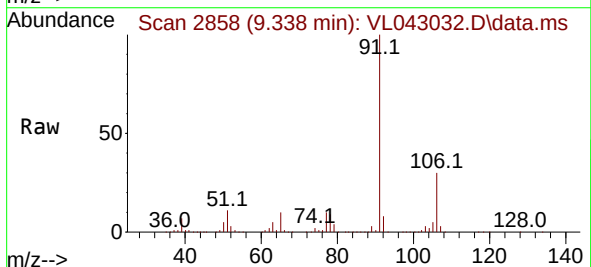
Manual Integrations
APPROVED

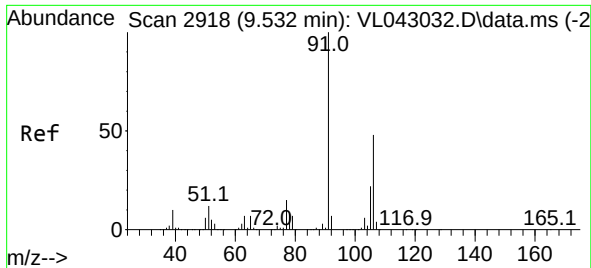
Reviewed By :Semsettin Yesilyurt 10/03/2025
Supervised By :Mahesh Dadoda 10/10/2025



#58
Ethyl Benzene
Concen: 11.351 ppbv
RT: 9.338 min Scan# 2858
Delta R.T. 0.000 min
Lab File: VL043032.D
Acq: 02 Oct 2025 10:23

Tgt Ion: 91 Resp: 788510
Ion Ratio Lower Upper
91 100
106 30.1 24.1 36.1





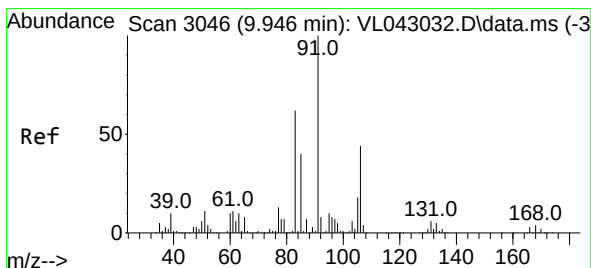
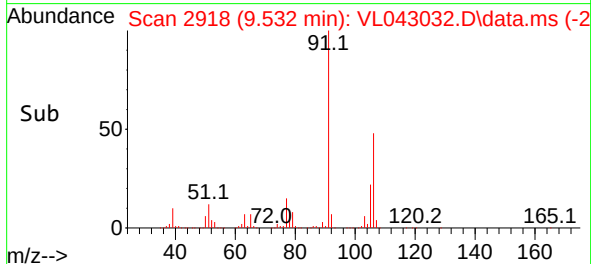
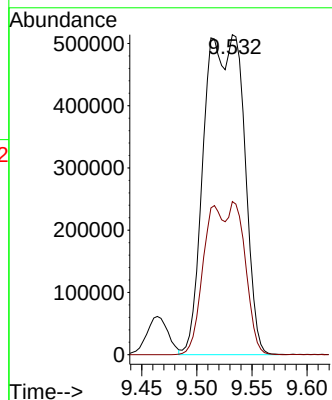
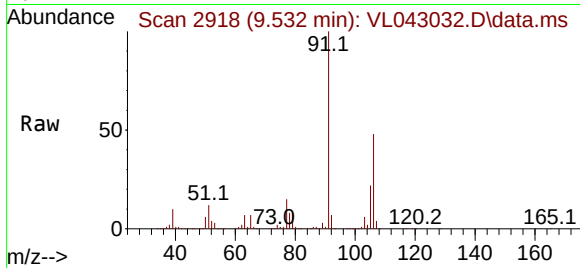
#59
m/p-Xylene
Concen: 22.074 ppbv m
RT: 9.532 min Scan# 2918
Delta R.T. 0.000 min
Lab File: VL043032.D
Acq: 02 Oct 2025 10:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 91 Resp: 1293839
Ion Ratio Lower Upper
91 100
106 46.9 37.5 56.3

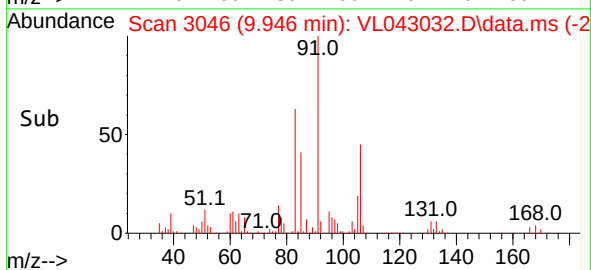
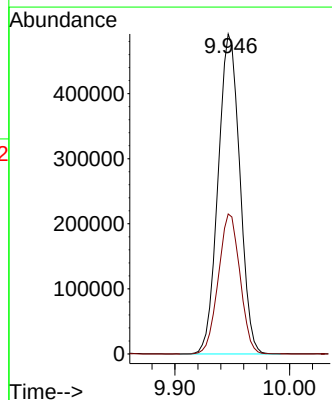
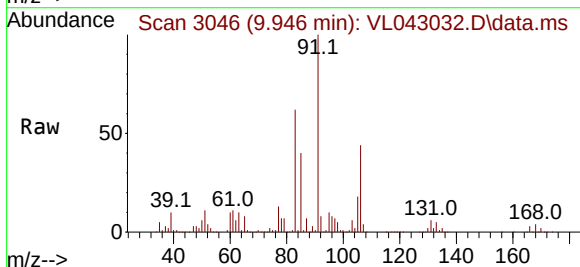
Manual Integrations
APPROVED

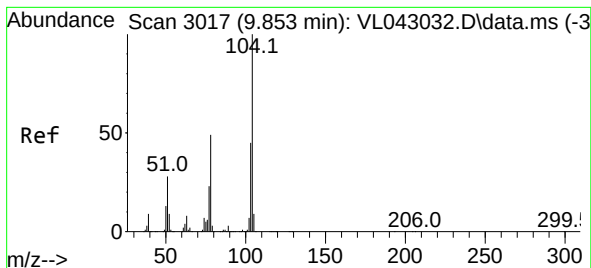
Reviewed By :Semsettin Yesilyurt 10/03/2025
Supervised By :Mahesh Dadoda 10/10/2025



#60
o-Xylene
Concen: 11.058 ppbv
RT: 9.946 min Scan# 3046
Delta R.T. 0.000 min
Lab File: VL043032.D
Acq: 02 Oct 2025 10:23

Tgt Ion: 91 Resp: 645403
Ion Ratio Lower Upper
91 100
106 43.7 21.9 65.5





#61

Styrene

Concen: 12.212 ppbv

RT: 9.853 min Scan# 3017

Delta R.T. 0.000 min

Lab File: VL043032.D

Acq: 02 Oct 2025 10:23

Instrument :

MSVOA_1

ClientSampleId :

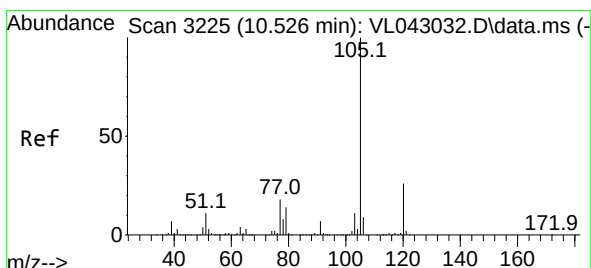
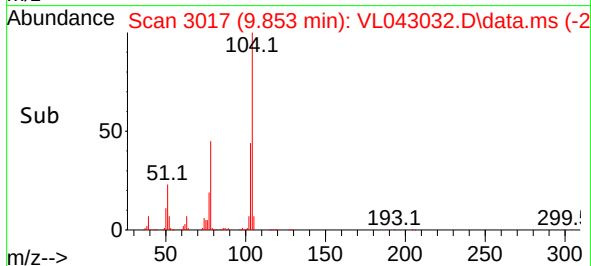
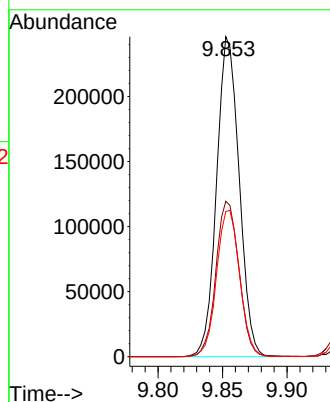
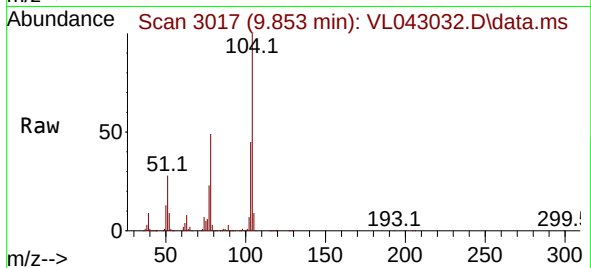
VSTDICCC010

Tgt Ion:104 Resp: 298597
 Ion Ratio Lower Upper
 104 100
 78 49.5 39.7 59.5
 103 47.0 37.6 56.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/03/2025
 Supervised By :Mahesh Dadoda 10/10/2025



#62

Isopropylbenzene

Concen: 10.716 ppbv

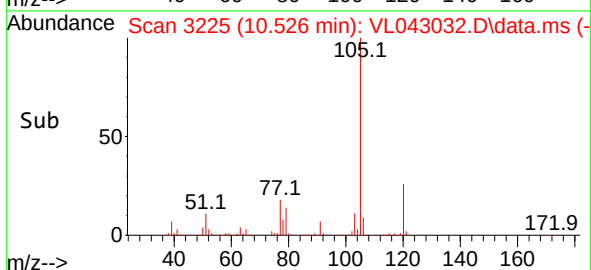
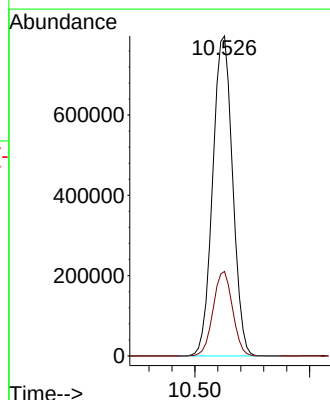
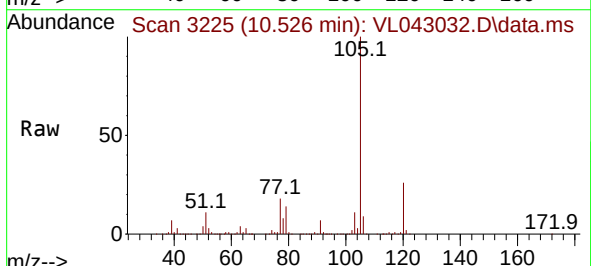
RT: 10.526 min Scan# 3225

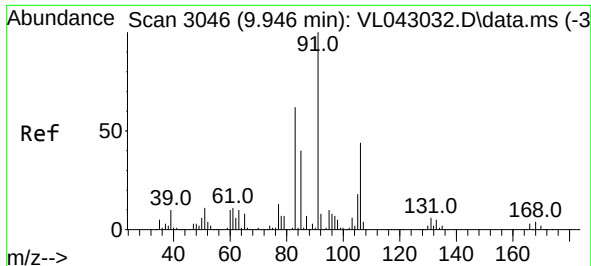
Delta R.T. 0.000 min

Lab File: VL043032.D

Acq: 02 Oct 2025 10:23

Tgt Ion:105 Resp: 960158
 Ion Ratio Lower Upper
 105 100
 120 25.8 20.6 31.0





#63

1,1,2,2-Tetrachloroethane

Concen: 9.278 ppbv

RT: 9.946 min Scan# 3046

Delta R.T. 0.000 min

Lab File: VL043032.D

Acq: 02 Oct 2025 10:23

Instrument :

MSVOA_L

ClientSampleId :

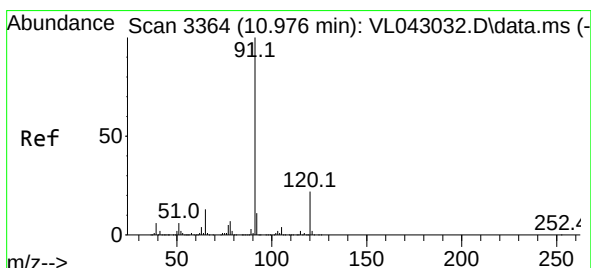
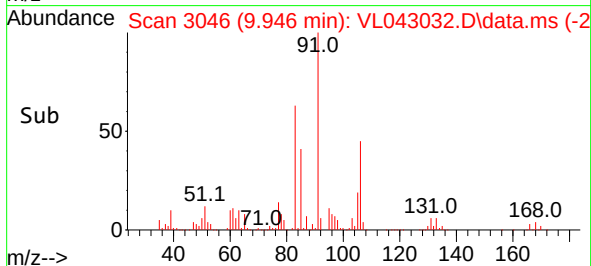
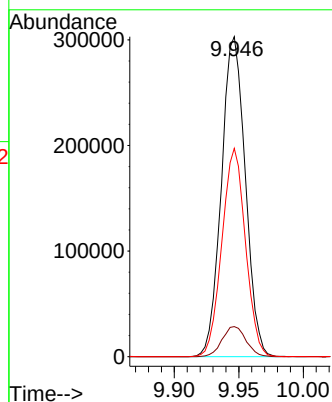
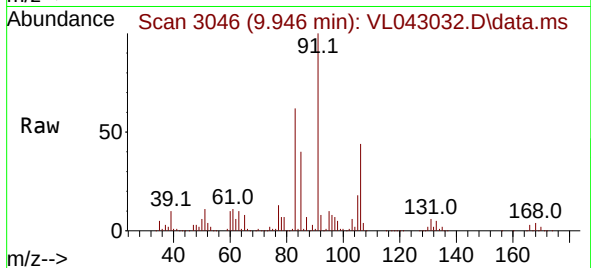
VSTDICCC010

Tgt Ion:	83	Resp:	390289
Ion Ratio	Lower	Upper	
83	100		
131	9.4	4.7	14.1
85	64.1	32.0	96.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/03/2025
Supervised By :Mahesh Dadoda 10/10/2025



#64

n-propylbenzene

Concen: 10.998 ppbv

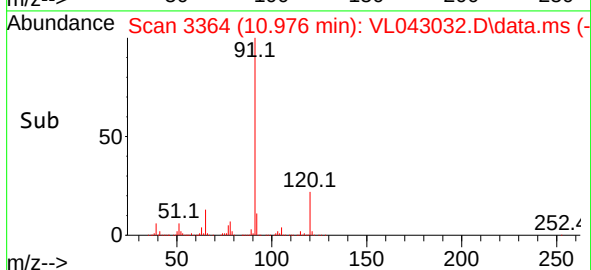
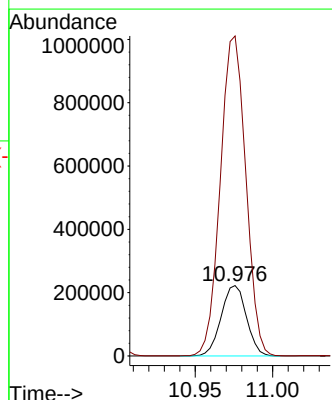
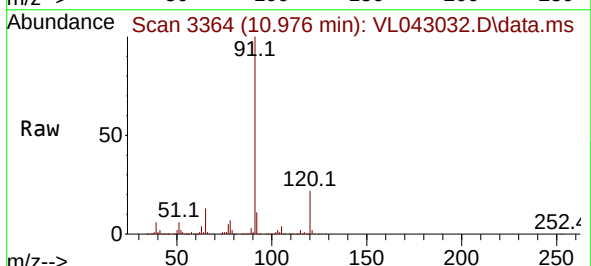
RT: 10.976 min Scan# 3364

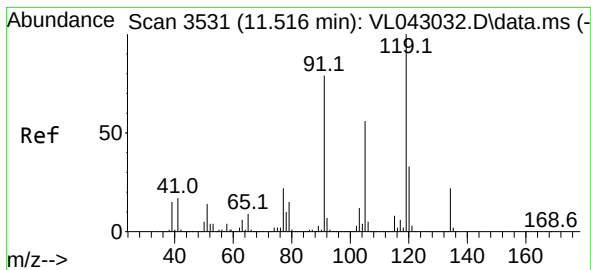
Delta R.T. 0.000 min

Lab File: VL043032.D

Acq: 02 Oct 2025 10:23

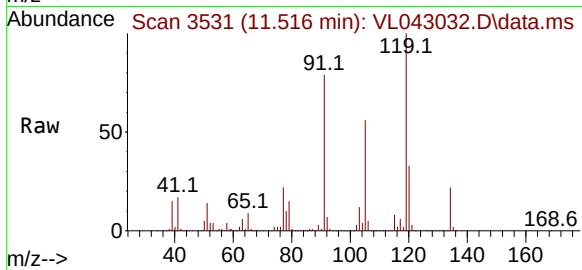
Tgt Ion:	120	Resp:	252073
Ion Ratio	Lower	Upper	
120	100		
91	460.4	367.0	550.4





#65
tert-Butylbenzene
Concen: 10.841 ppbv
RT: 11.516 min Scan# 3531
Delta R.T. 0.000 min
Lab File: VL043032.D
Acq: 02 Oct 2025 10:23

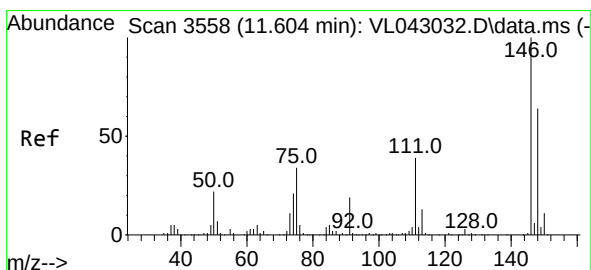
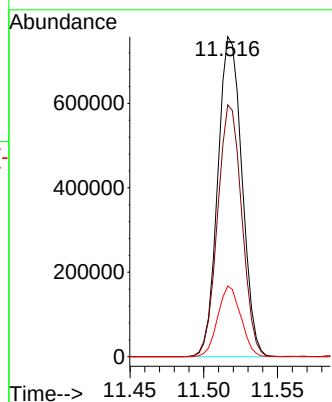
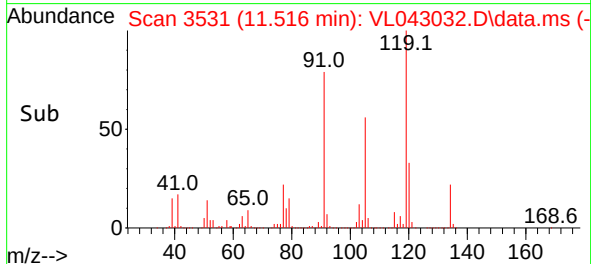
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion:119 Resp: 864475
Ion Ratio Lower Upper
119 100
91 78.9 63.1 94.7
134 21.1 16.9 25.3

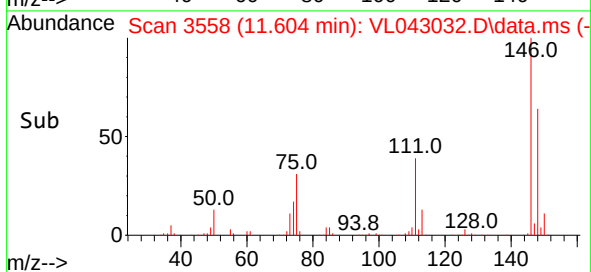
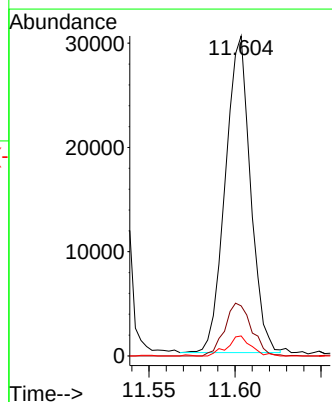
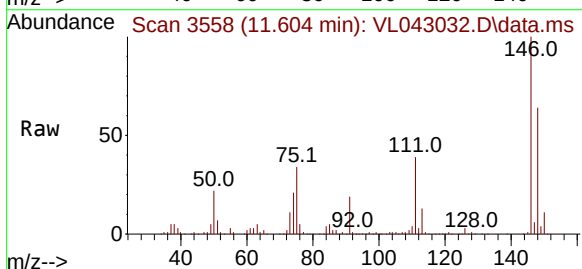
Manual Integrations
APPROVED

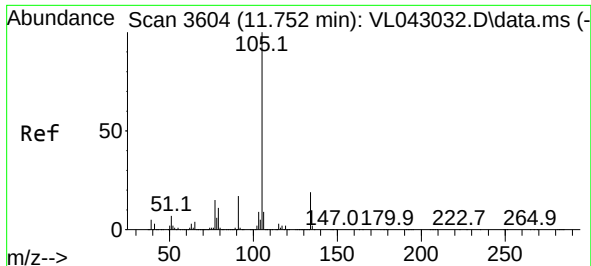
Reviewed By :Semsettin Yesilyurt 10/03/2025
Supervised By :Mahesh Dadoda 10/10/2025



#66
Benzyl Chloride
Concen: 9.975 ppbv
RT: 11.604 min Scan# 3558
Delta R.T. 0.000 min
Lab File: VL043032.D
Acq: 02 Oct 2025 10:23

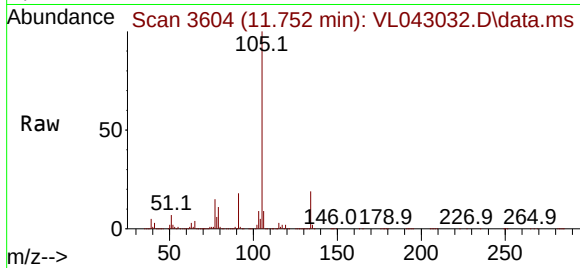
Tgt Ion: 91 Resp: 30823
Ion Ratio Lower Upper
91 100
126 17.8 14.2 21.4
128 6.0 4.8 7.2





#67
 sec-Butylbenzene
 Concen: 10.688 ppbv
 RT: 11.752 min Scan# 3604
 Delta R.T. 0.000 min
 Lab File: VL043032.D
 Acq: 02 Oct 2025 10:23

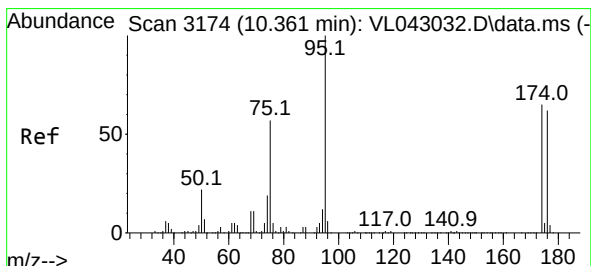
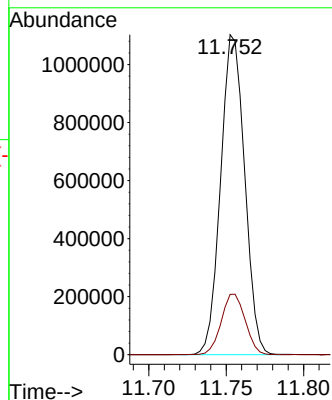
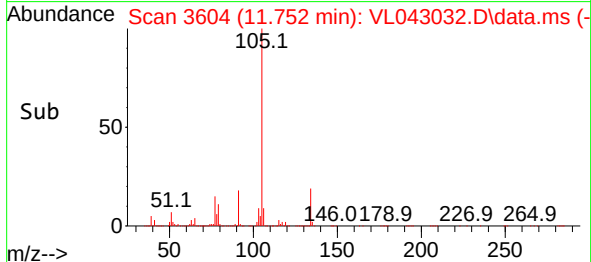
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



Tgt Ion:105 Resp: 1189290
 Ion Ratio Lower Upper
 105 100
 134 19.0 15.2 22.8

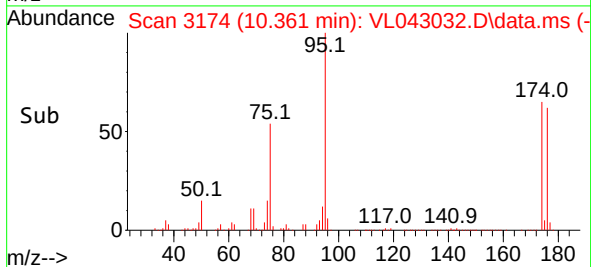
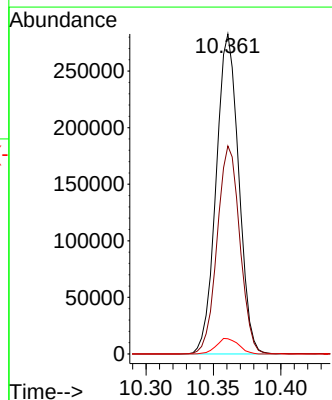
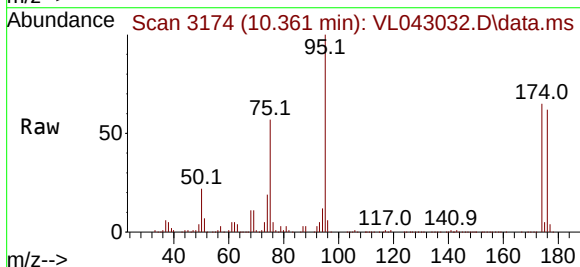
Manual Integrations
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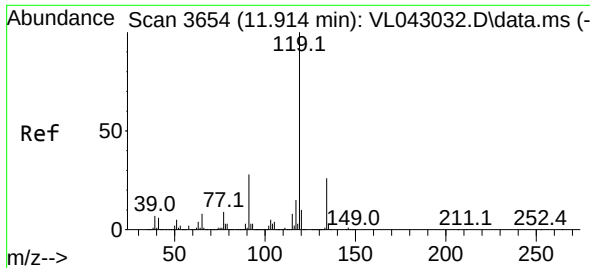
Reviewed By :Semsettin Yesilyurt 10/03/2025
 Supervised By :Mahesh Dadoda 10/10/2025



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.203 ppbv
 RT: 10.361 min Scan# 3174
 Delta R.T. 0.000 min
 Lab File: VL043032.D
 Acq: 02 Oct 2025 10:23

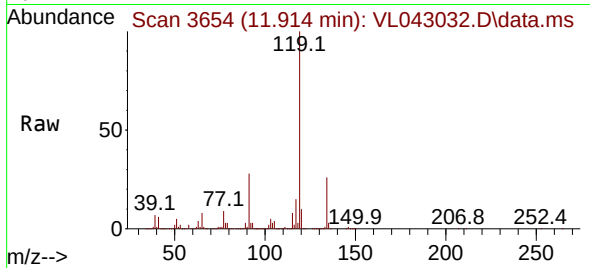
Tgt Ion: 95 Resp: 329578
 Ion Ratio Lower Upper
 95 100
 174 65.5 52.3 78.5
 175 4.8 3.8 5.8





#69
p-Isopropyltoluene
Concen: 11.146 ppbv
RT: 11.914 min Scan# 3654
Delta R.T. 0.000 min
Lab File: VL043032.D
Acq: 02 Oct 2025 10:23

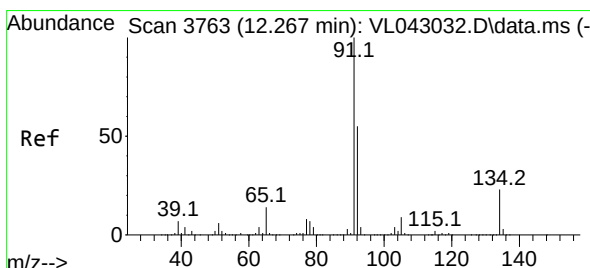
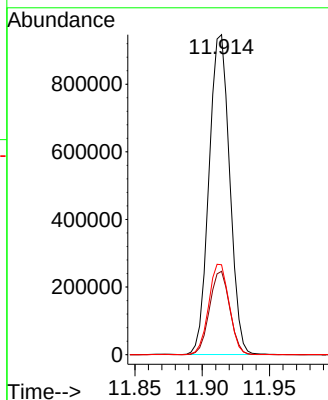
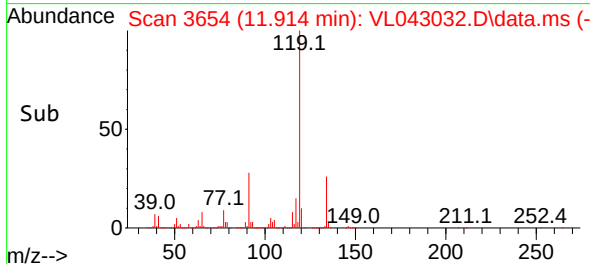
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



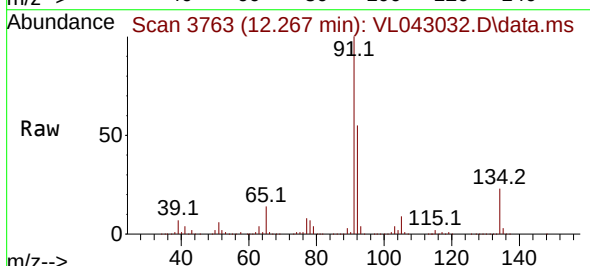
Tgt Ion:119 Resp: 100895
Ion Ratio Lower Upper
119 100
134 25.6 20.5 30.7
91 28.1 22.6 33.8

Manual Integrations
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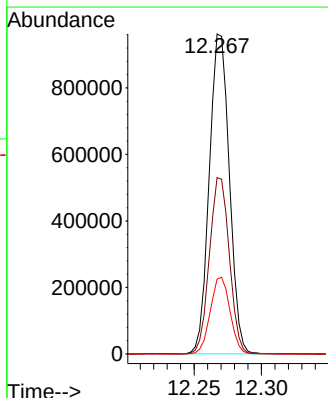
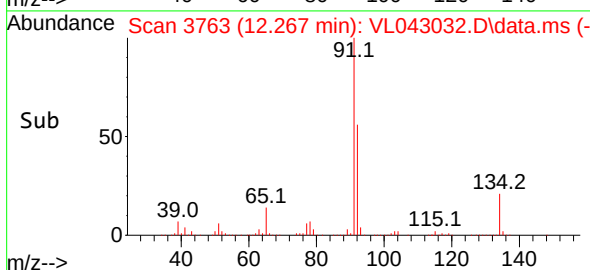
Reviewed By :Semsettin Yesilyurt 10/03/2025
Supervised By :Mahesh Dadoda 10/10/2025

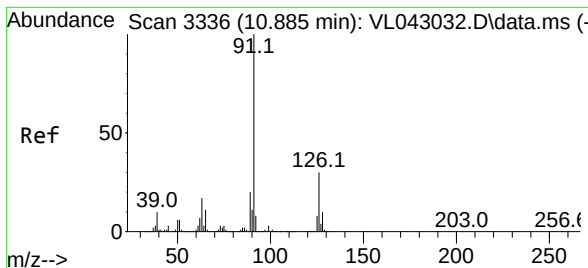


#70
n-Butylbenzene
Concen: 11.433 ppbv
RT: 12.267 min Scan# 3763
Delta R.T. 0.000 min
Lab File: VL043032.D
Acq: 02 Oct 2025 10:23



Tgt Ion: 91 Resp: 996449
Ion Ratio Lower Upper
91 100
92 54.9 43.9 65.9
134 23.6 18.9 28.3





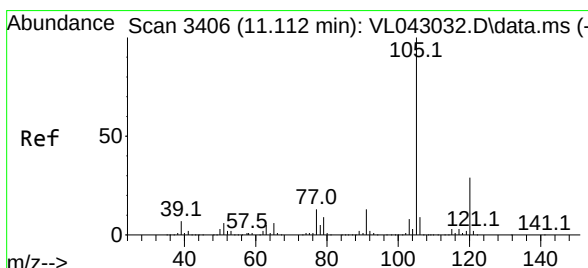
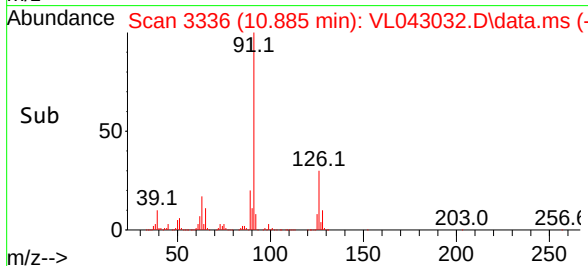
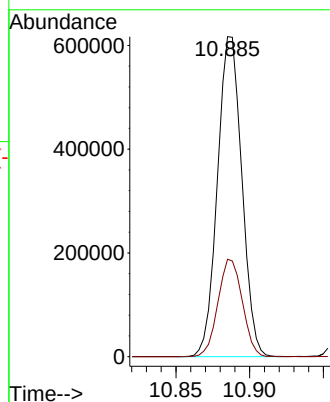
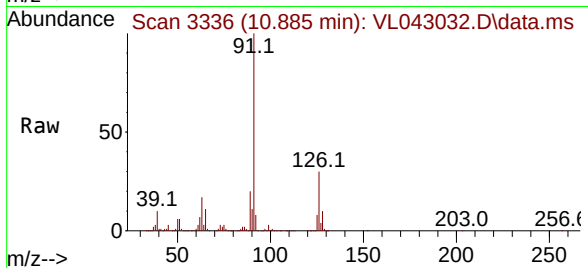
#71
2-Chlorotoluene
Concen: 10.946 ppbv
RT: 10.885 min Scan# 3336
Delta R.T. 0.000 min
Lab File: VL043032.D
Acq: 02 Oct 2025 10:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 91 Resp: 70980
Ion Ratio Lower Upper
91 100
126 30.4 12.2 48.6

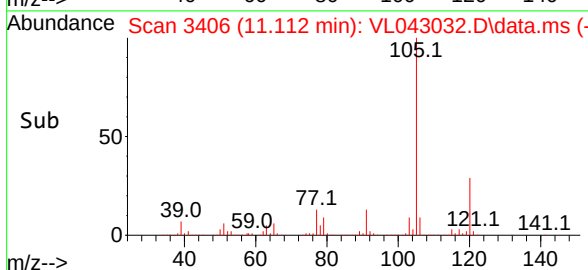
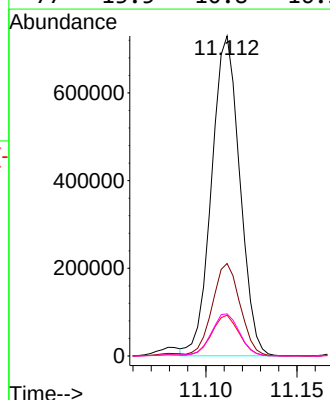
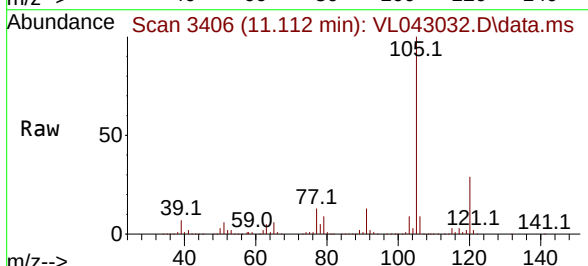
Manual Integrations
APPROVED

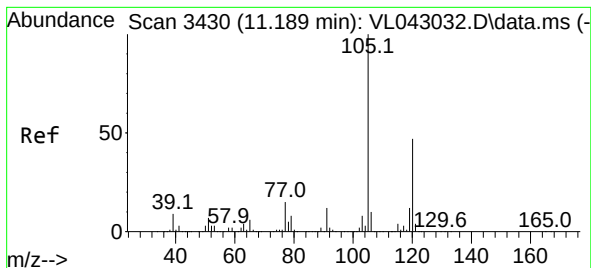
Reviewed By :Semsettin Yesilyurt 10/03/2025
Supervised By :Mahesh Dadoda 10/10/2025



#72
4-Ethyltoluene
Concen: 11.302 ppbv
RT: 11.112 min Scan# 3406
Delta R.T. 0.000 min
Lab File: VL043032.D
Acq: 02 Oct 2025 10:23

Tgt Ion:105 Resp: 785118
Ion Ratio Lower Upper
105 100
120 29.4 23.5 35.3
91 13.0 10.4 15.6
77 13.5 10.8 16.2





#73

1,3,5-Trimethylbenzene

Concen: 10.966 ppbv

RT: 11.189 min Scan# 3430

Delta R.T. 0.000 min

Lab File: VL043032.D

Acq: 02 Oct 2025 10:23

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion:105 Resp: 659038

Ion Ratio Lower Upper

105 100

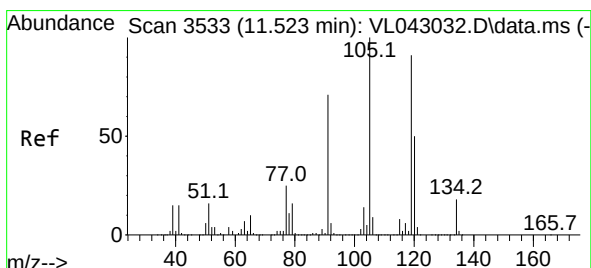
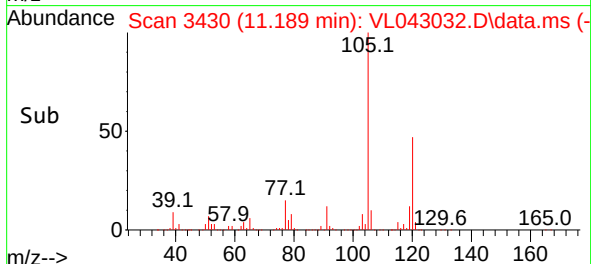
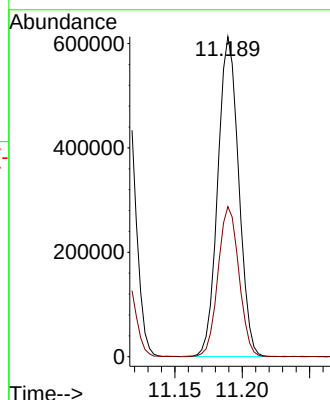
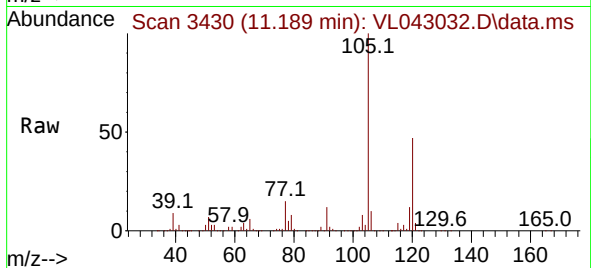
120 46.9 37.5 56.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/03/2025

Supervised By :Mahesh Dadoda 10/10/2025



#74

1,2,4-Trimethylbenzene

Concen: 10.796 ppbv

RT: 11.523 min Scan# 3533

Delta R.T. 0.000 min

Lab File: VL043032.D

Acq: 02 Oct 2025 10:23

Tgt Ion:105 Resp: 732252

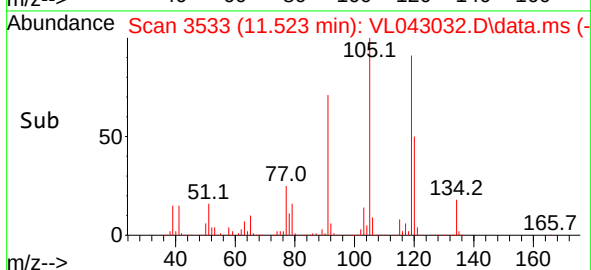
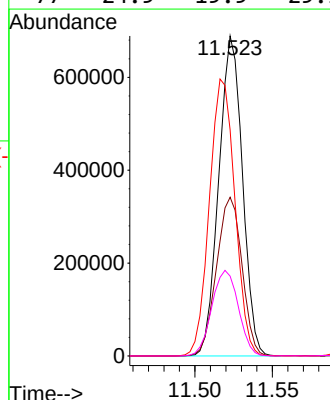
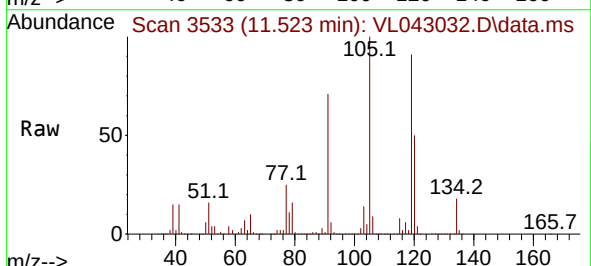
Ion Ratio Lower Upper

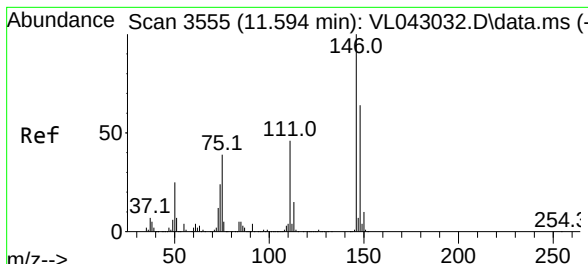
105 100

120 49.6 39.7 59.5

91 70.6 56.5 84.7

77 24.9 19.9 29.9





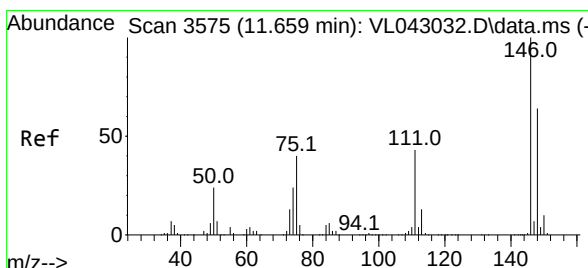
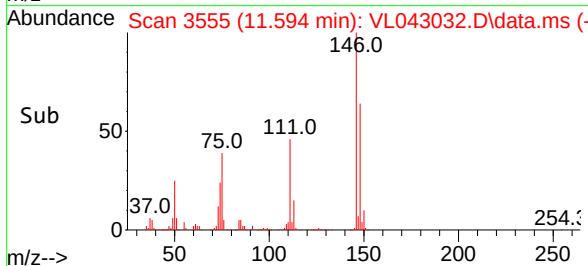
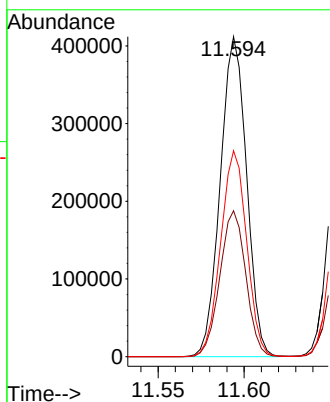
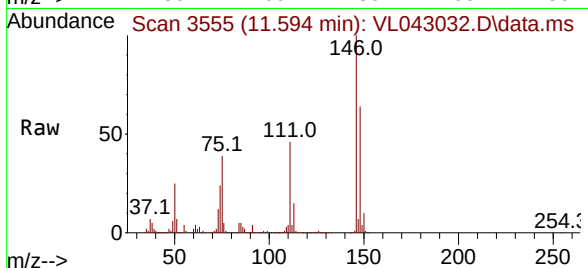
#75
1,3-Dichlorobenzene
Concen: 9.925 ppbv
RT: 11.594 min Scan# 3555
Delta R.T. 0.000 min
Lab File: VL043032.D
Acq: 02 Oct 2025 10:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:146 Resp: 437848
Ion Ratio Lower Upper
146 100
111 45.1 22.6 67.7
148 63.8 31.9 95.7

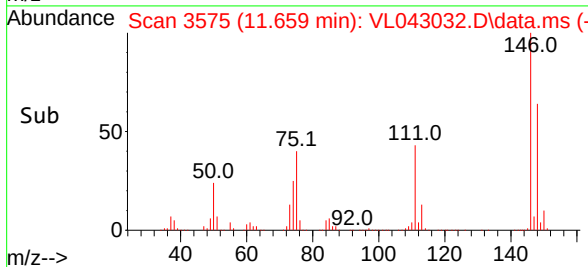
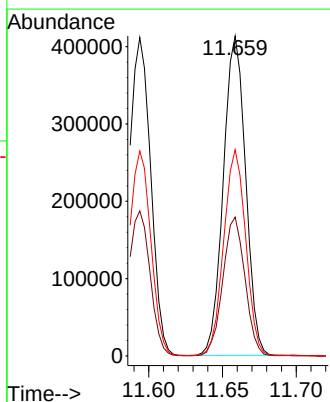
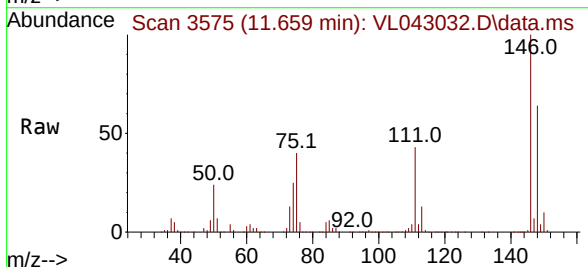
Manual Integrations
APPROVED

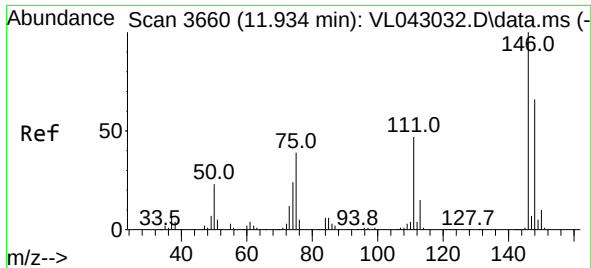
Reviewed By :Semsettin Yesilyurt 10/03/2025
Supervised By :Mahesh Dadoda 10/10/2025



#76
1,4-Dichlorobenzene
Concen: 10.311 ppbv
RT: 11.659 min Scan# 3575
Delta R.T. 0.000 min
Lab File: VL043032.D
Acq: 02 Oct 2025 10:23

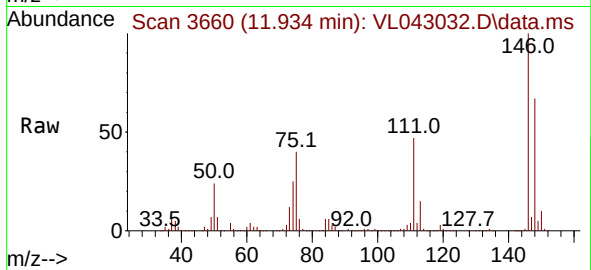
Tgt Ion:146 Resp: 433712
Ion Ratio Lower Upper
146 100
111 43.4 21.7 65.1
148 64.2 32.1 96.3





#77
1,2-Dichlorobenzene
Concen: 9.491 ppbv
RT: 11.934 min Scan# 3660
Delta R.T. 0.000 min
Lab File: VL043032.D
Acq: 02 Oct 2025 10:23

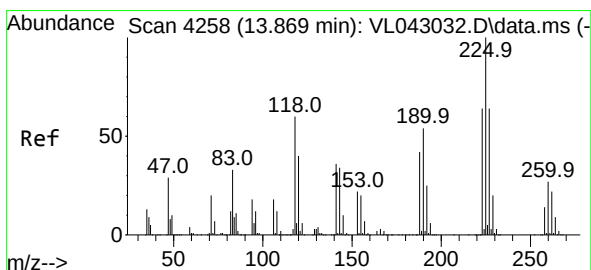
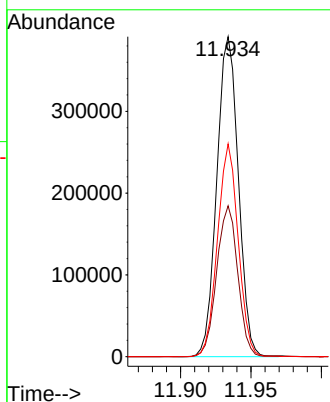
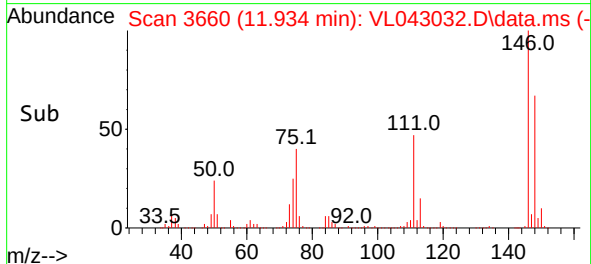
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



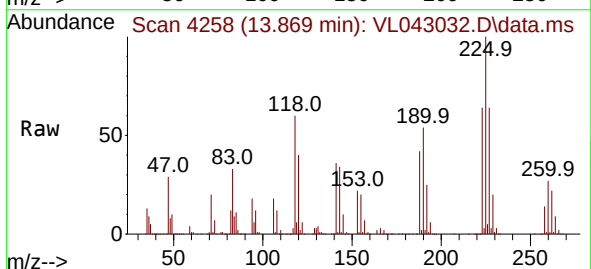
Tgt Ion:146 Resp: 417019
Ion Ratio Lower Upper
146 100
111 46.3 23.2 69.5
148 63.8 31.9 95.7

Manual Integrations
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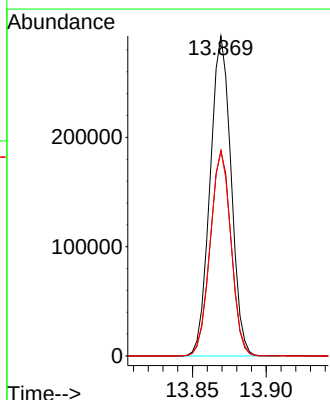
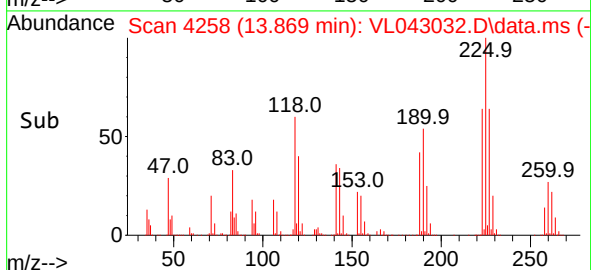
Reviewed By :Semsettin Yesilyurt 10/03/2025
Supervised By :Mahesh Dadoda 10/10/2025

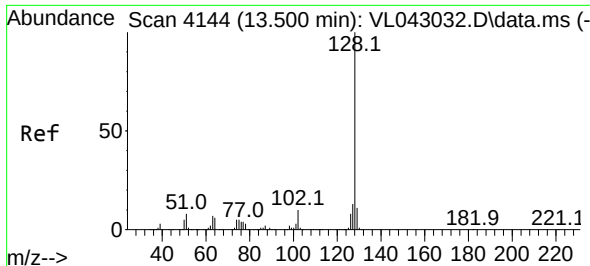


#78
Hexachloro-1,3-Butadiene
Concen: 9.452 ppbv
RT: 13.869 min Scan# 4258
Delta R.T. 0.000 min
Lab File: VL043032.D
Acq: 02 Oct 2025 10:23



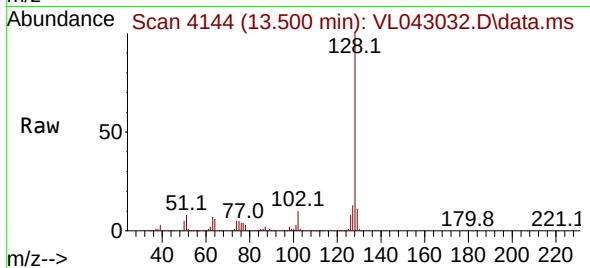
Tgt Ion:225 Resp: 289398
Ion Ratio Lower Upper
225 100
223 63.6 50.9 76.3
227 63.6 50.9 76.3





#79
Naphthalene
Concen: 10.038 ppbv
RT: 13.500 min Scan# 4144
Delta R.T. 0.000 min
Lab File: VL043032.D
Acq: 02 Oct 2025 10:23

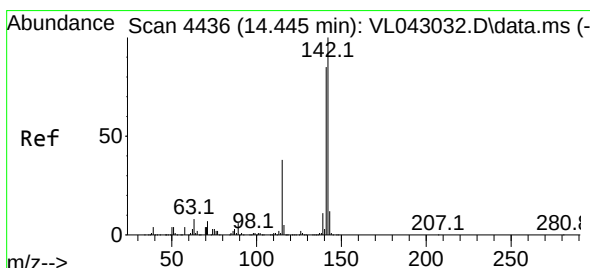
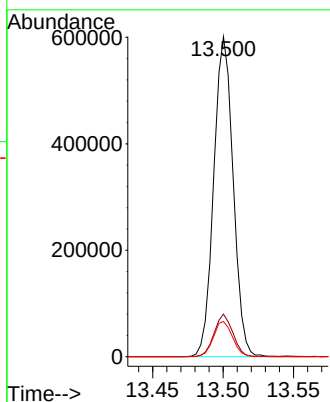
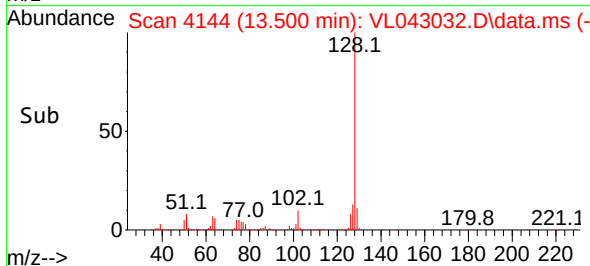
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



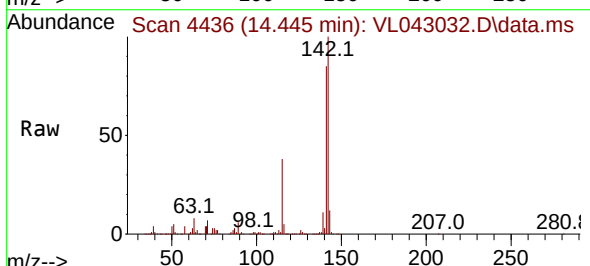
Tgt Ion:128 Resp: 577659
Ion Ratio Lower Upper
128 100
127 13.3 10.6 16.0
129 11.0 8.8 13.2

Manual Integrations
APPROVED

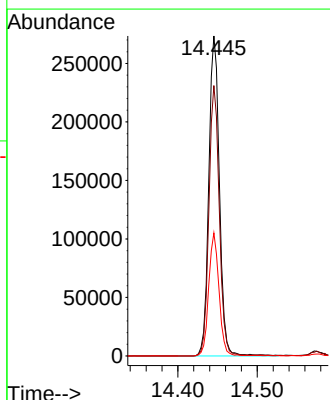
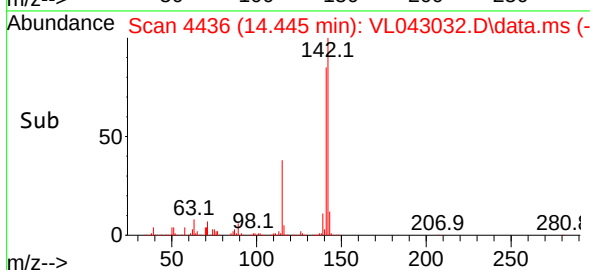
Reviewed By :Semsettin Yesilyurt 10/03/2025
Supervised By :Mahesh Dadoda 10/10/2025

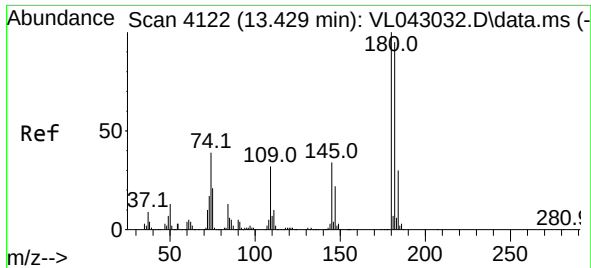


#80
Naphthalene,2-methyl-
Concen: 9.510 ppbv
RT: 14.445 min Scan# 4436
Delta R.T. 0.000 min
Lab File: VL043032.D
Acq: 02 Oct 2025 10:23



Tgt Ion:142 Resp: 254437
Ion Ratio Lower Upper
142 100
141 83.4 66.6 100.0
115 37.7 30.1 45.1





#81

1,2,4-Trichlorobenzene

Concen: 11.936 ppbv

RT: 13.429 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL043032.D

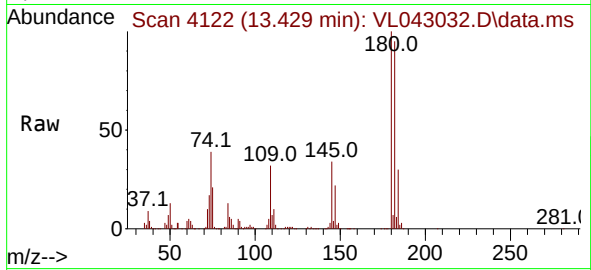
Acq: 02 Oct 2025 10:23

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010



Tgt Ion:180 Resp: 31201

Ion Ratio Lower Upper

180 100

182 96.0 76.9 115.3

184 29.8 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/03/2025

Supervised By :Mahesh Dadoda 10/10/2025

