

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL032725\
 Data File : VL042172.D
 Acq On : 27 Mar 2025 08:26
 Operator : SY/MD
 Sample : VSTDICCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Manual Integrations
 APPROVED

Quant Time: Mar 28 01:31:57 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL032725AIR.M

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

QLast Update : Fri Mar 28 01:31:23 2025

Response via : Initial Calibration

Reviewed By : Semsettin Yesilyurt 03/31/2025
 Supervised By : Mahesh Dadoda 04/03/2025

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

Internal Standards						
1) Bromochloromethane	2.784	49	187002	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.952	114	545068	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.875	117	519536	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	10.371	95	422410	9.901	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.000%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.496	85	262496	9.507	ppbv	100
3) Chlorodifluoromethane	1.473	51	272522	9.662	ppbv	100
4) Chloromethane	1.531	50	107099	9.491	ppbv	100
5) Vinyl Chloride	1.577	62	102699	8.925	ppbv	100
6) Bromomethane	1.664	94	47950	9.377	ppbv	100
7) Chloroethane	1.703	64	42516	9.387	ppbv	100
8) Dichlorotetrafluoroethane	1.551	85	227041	9.656	ppbv	100
9) Propene	1.483	41	123386	9.709	ppbv	100
10) Heptane	4.972	43	335086	9.744	ppbv	100
11) Trichlorofluoromethane	1.874	101	250349	9.318	ppbv	100
12) 1,1,2-Trichlorotrifluo...	2.137	101	209365	9.481	ppbv	100
13) Ethanol	1.719	45	5338	5.364	ppbv	100
14) Bromoethene	1.777	108	77999	9.220	ppbv	100
15) Acetone	1.832	43	208061	7.955	ppbv	100
16) 1,3-Butadiene	1.606	39	107104	9.105	ppbv	100
17) tert-Butyl alcohol	2.036	59	302616	9.290	ppbv	100
18) 1,1-Dichloroethene	2.030	96	94236	9.128	ppbv	100
19) Isopropyl Alcohol	1.884	45	131359	8.902	ppbv	100
20) Methylene Chloride	2.059	84	81828	8.401	ppbv	100
21) Allyl Chloride	2.091	41	168602	9.141	ppbv	100
22) trans-1,2-Dichloroethene	2.337	96	110371	9.149	ppbv	100
23) Vinyl Acetate	2.460	43	93080	8.563	ppbv	100
24) 1,1-Dichloroethane	2.405	63	209753	9.484	ppbv	100
25) Ethyl Acetate	2.833	43	646501	9.524	ppbv	100
26) Hexane	2.823	57	249331	9.510	ppbv	100
27) Carbon Disulfide	2.146	76	268507	9.550	ppbv	100
28) Methyl tert-Butyl Ether	2.438	73	155398	9.520	ppbv	100
29) Chloroform	2.845	83	361264	9.415	ppbv	100
30) Cyclohexane	3.852	84	217215	9.537	ppbv	100
31) cis-1,2-Dichloroethene	2.716	61	256425	9.634	ppbv	100
32) 1,1,1-Trichloroethane	3.363	97	385628	8.784	ppbv	100
34) 2-Butanone	2.554	43	363735	9.203	ppbv	100
35) Carbon Tetrachloride	3.758	117	382925	9.129	ppbv	100
36) Benzene	3.651	78	508860	9.417	ppbv	100
37) 1,2-Dichloroethane	3.214	62	292937	9.469	ppbv	100
38) Trichloroethene	4.545	130	204027	9.045	ppbv	100
39) 1,2-Dichloropropane	4.312	63	183439	9.321	ppbv	100
40) 1,4-Dioxane	4.577	88	92327	9.042	ppbv #	100
41) Tetrahydrofuran	3.049	42	216851	9.643	ppbv	100
42) Bromodichloromethane	4.483	83	418887	9.822	ppbv	100
43) Methyl Methacrylate	4.872	69	219399	9.618	ppbv	100
44) 2,2,4-Trimethylpentane	4.635	57	876649	9.600	ppbv	100
45) t-1,3-Dichloropropene	6.406	75	239180	9.746	ppbv	100

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Manual Integrations
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Quant Time: Mar 28 01:31:57 2025

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

QLast Update : Fri Mar 28 01:31:23 2025

Response via : Initial Calibration

Reviewed By : Semsettin Yesilyurt 03/31/2025
 Supervised By : Mahesh Dadoda 04/03/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.593	75	300021	9.973	ppbv	100
47) 1,1,2-Trichloroethane	6.574	97	198176	9.526	ppbv	100
48) Dibromochloromethane	7.380	129	346499	9.828	ppbv	100
49) Bromoform	9.477	173	317189	10.021	ppbv	100
50) 4-Methyl-2-Pentanone	5.745	43	559800	8.934	ppbv	100
51) 2-Hexanone	7.432	43	460013	8.848	ppbv #	100
52) Tetrachloroethene	8.218	164	186912	8.722	ppbv	100
53) Toluene	6.927	91	613378	9.576	ppbv	100
54) 1,2-Dibromoethane	7.649	107	276797	9.536	ppbv	100
56) 1,1,1,2-Tetrachloroethane	8.917	131	265037	9.268	ppbv	100
57) Chlorobenzene	8.917	112	454511	9.223	ppbv	100
58) Ethyl Benzene	9.351	91	868003	9.406	ppbv	100
59) m/p-Xylene	9.549	91	1372806m	18.607	ppbv	
60) o-Xylene	9.960	91	689933	9.340	ppbv	100
61) Styrene	9.866	104	354697	9.706	ppbv	100
62) Isopropylbenzene	10.536	105	1019255	9.227	ppbv	100
63) 1,1,2,2-Tetrachloroethane	9.960	83	413392	9.210	ppbv	100
64) n-propylbenzene	10.986	120	259405	9.122	ppbv	100
65) tert-Butylbenzene	11.529	119	901951	8.828	ppbv	100
66) Benzyl Chloride	11.610	91	105411	9.724	ppbv	100
67) sec-Butylbenzene	11.766	105	1249106	8.796	ppbv	100
69) p-Isopropyltoluene	11.924	119	1079675	8.830	ppbv	100
70) n-Butylbenzene	12.277	91	1110351	8.879	ppbv	100
71) 2-Chlorotoluene	10.898	91	799102	9.320	ppbv	100
72) 4-Ethyltoluene	11.122	105	846232	9.200	ppbv	100
73) 1,3,5-Trimethylbenzene	11.199	105	720566	8.970	ppbv	100
74) 1,2,4-Trimethylbenzene	11.536	105	784745	8.480	ppbv	100
75) 1,3-Dichlorobenzene	11.604	146	458226	9.028	ppbv	100
76) 1,4-Dichlorobenzene	11.669	146	461371	9.134	ppbv	100
77) 1,2-Dichlorobenzene	11.944	146	441473	8.933	ppbv	100
78) Hexachloro-1,3-Butadiene	13.879	225	416735	8.284	ppbv	100
79) Naphthalene	13.510	128	938470	9.271	ppbv	100
80) Naphthalene,2-methyl-	14.455	142	514394	10.436	ppbv	100
81) 1,2,4-Trichlorobenzene	13.439	180	446420	9.561	ppbv	100

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

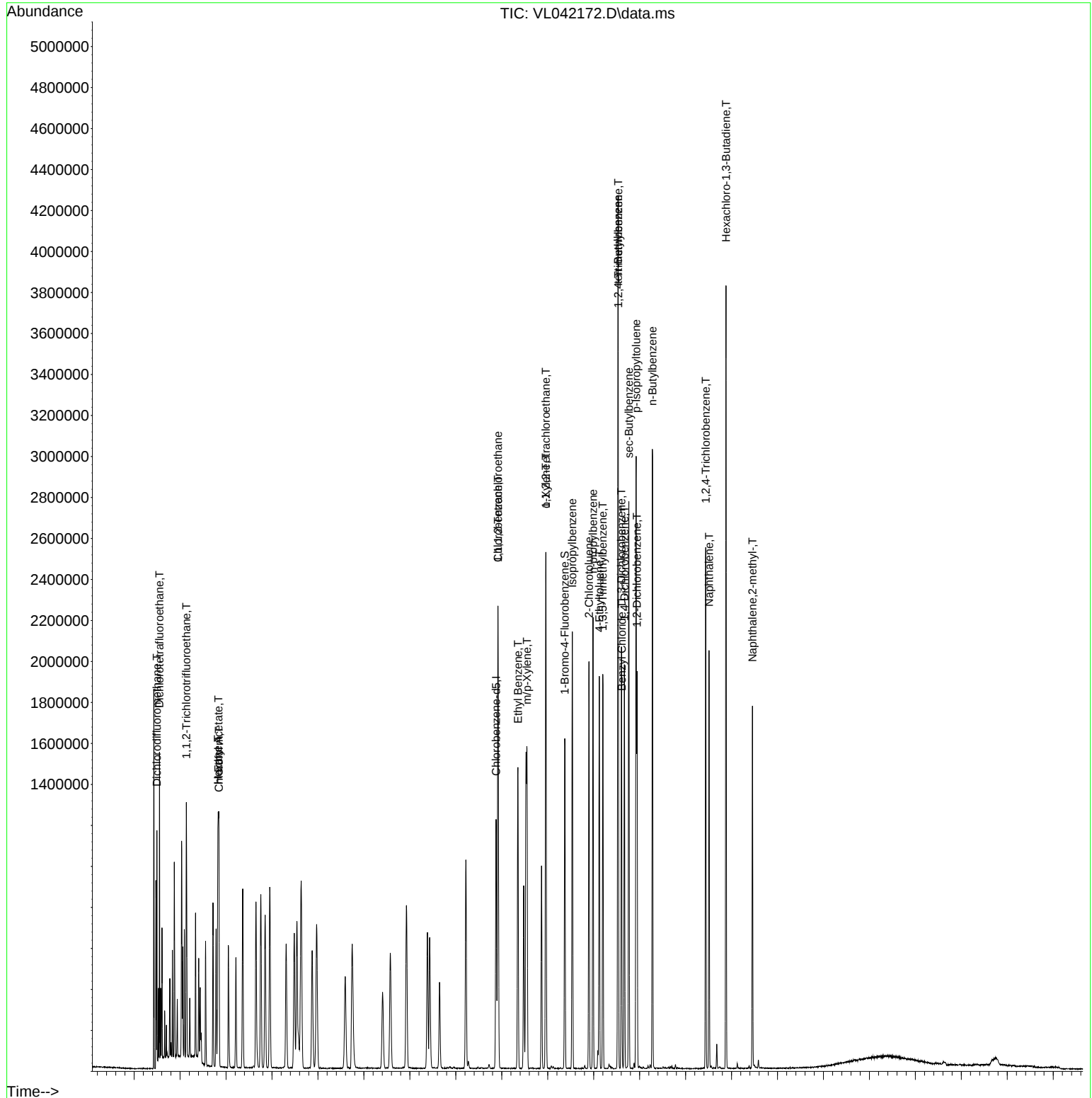
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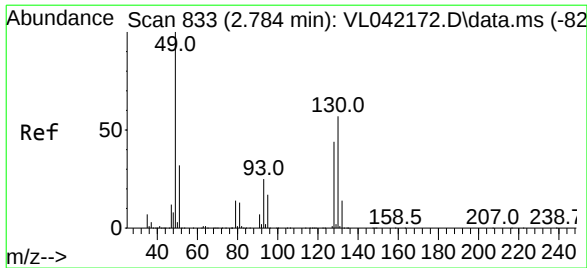
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 03/31/2025
Supervised By :Mahesh Dadoda 04/03/2025

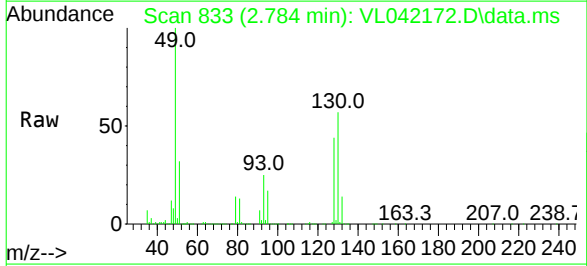
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL032725AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug
QLast Update : Fri Mar 28 01:31:23 2025
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.784 min Scan# 833
Delta R.T. -0.000 min
Lab File: VL042172.D
Acq: 27 Mar 2025 08:26

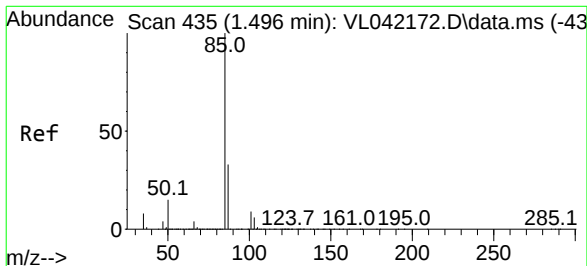
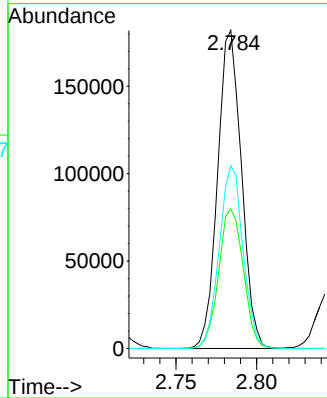
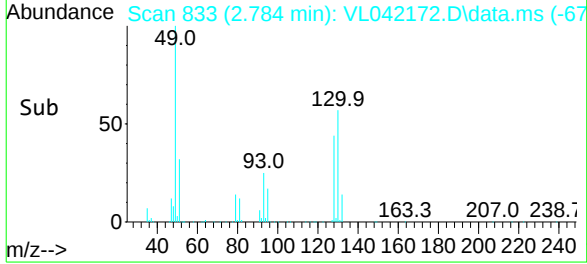
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 49 Resp: 187002
Ion Ratio Lower Upper
49 100
128 45.7 22.9 68.5
130 57.6 28.8 86.4

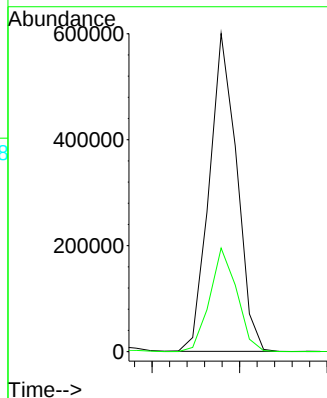
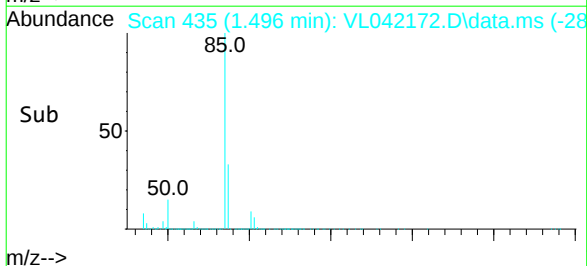
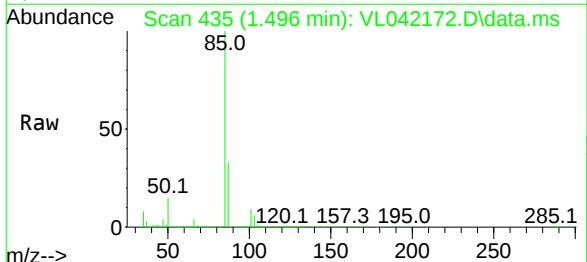
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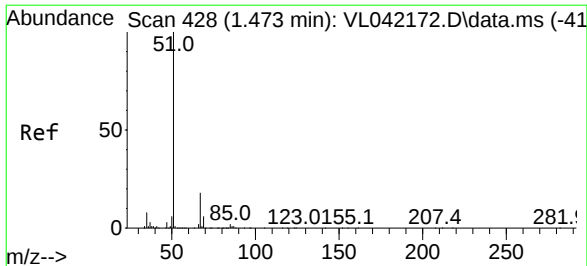
Reviewed By :Semsettin Yesilyurt 03/31/2025
Supervised By :Mahesh Dadoda 04/03/2025



#2
Dichlorodifluoromethane
Concen: 9.507 ppbv
RT: 1.496 min Scan# 435
Delta R.T. 0.000 min
Lab File: VL042172.D
Acq: 27 Mar 2025 08:26

Tgt Ion: 85 Resp: 262496
Ion Ratio Lower Upper
85 100
87 32.6 26.1 39.1





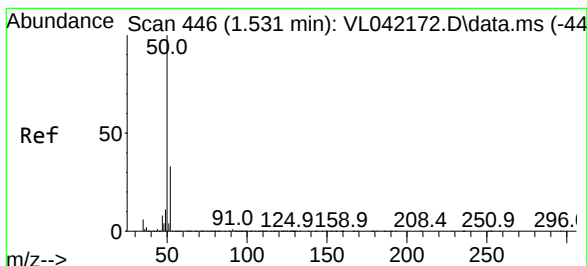
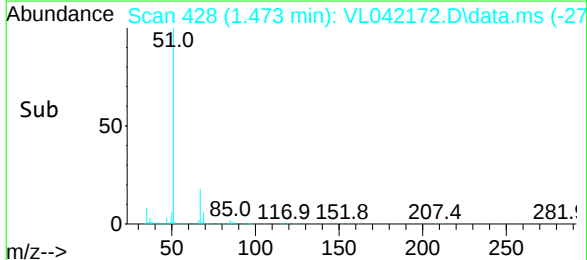
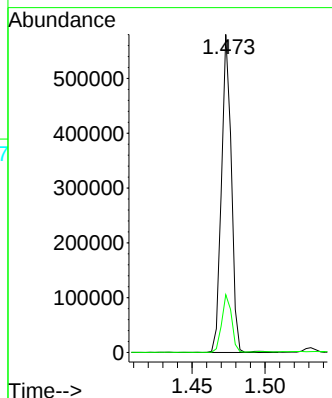
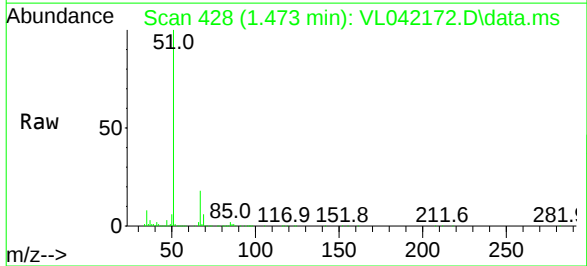
#3
Chlorodifluoromethane
Concen: 9.662 ppbv
RT: 1.473 min Scan# 428
Delta R.T. 0.000 min
Lab File: VL042172.D
Acq: 27 Mar 2025 08:26

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 51 Resp: 272522
Ion Ratio Lower Upper
51 100
67 18.8 15.0 22.6

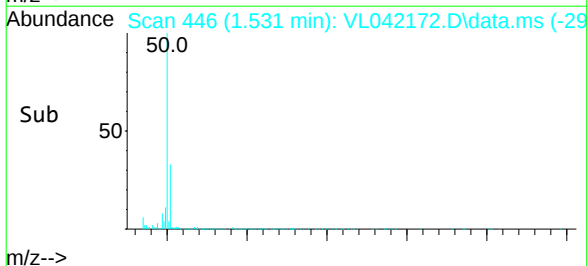
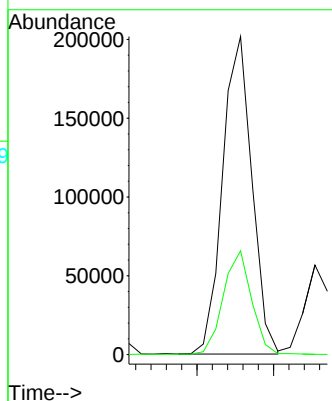
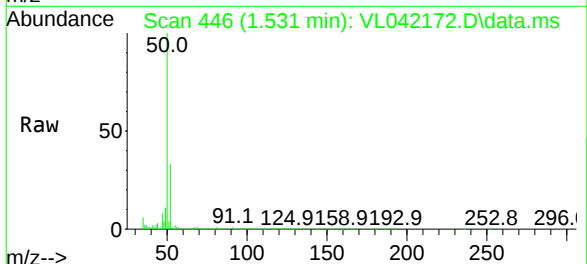
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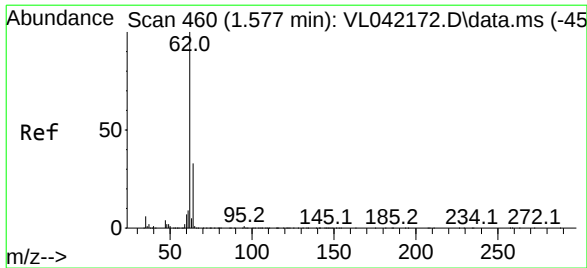
Reviewed By :Semsettin Yesilyurt 03/31/2025
Supervised By :Mahesh Dadoda 04/03/2025



#4
Chloromethane
Concen: 9.491 ppbv
RT: 1.531 min Scan# 446
Delta R.T. 0.000 min
Lab File: VL042172.D
Acq: 27 Mar 2025 08:26

Tgt Ion: 50 Resp: 107099
Ion Ratio Lower Upper
50 100
52 32.6 26.1 39.1





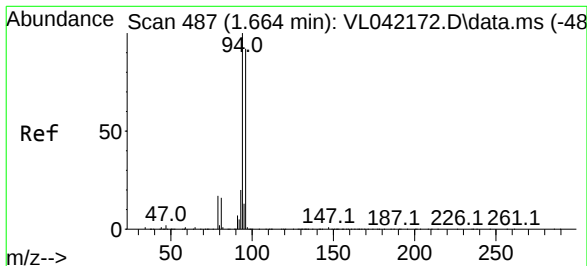
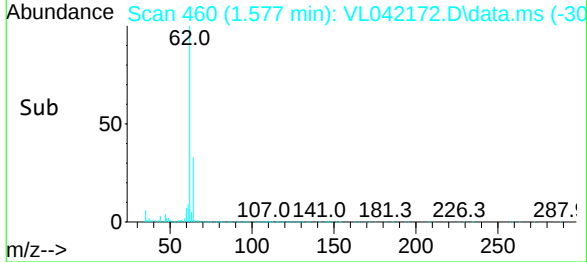
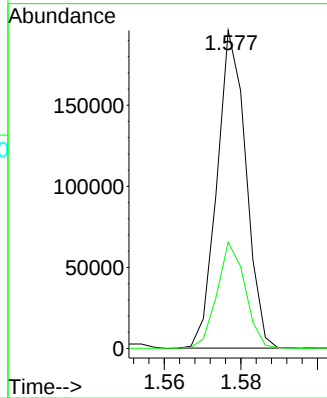
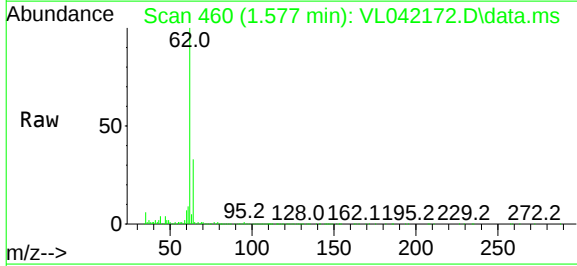
#5
 Vinyl Chloride
 Concen: 8.925 ppbv
 RT: 1.577 min Scan# 460
 Delta R.T. 0.000 min
 Lab File: VL042172.D
 Acq: 27 Mar 2025 08:26

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Tgt Ion: 62 Resp: 102699
 Ion Ratio Lower Upper
 62 100
 64 33.3 26.6 40.0

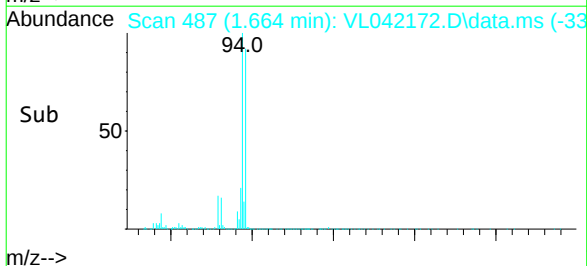
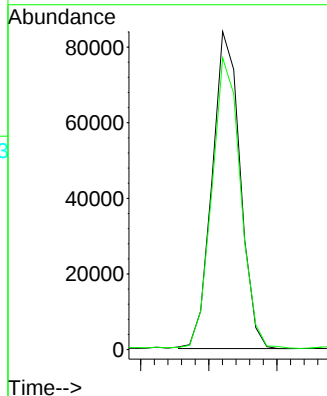
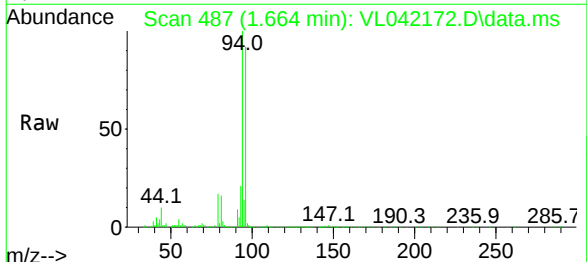
Manual Integrations
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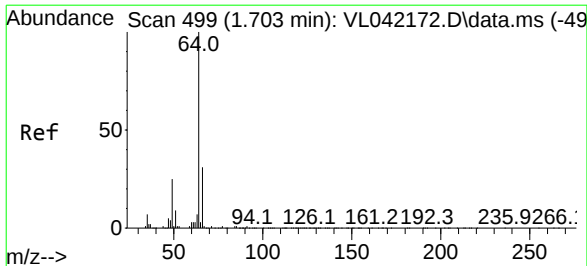
Reviewed By :Semsettin Yesilyurt 03/31/2025
 Supervised By :Mahesh Dadoda 04/03/2025



#6
 Bromomethane
 Concen: 9.377 ppbv
 RT: 1.664 min Scan# 487
 Delta R.T. 0.000 min
 Lab File: VL042172.D
 Acq: 27 Mar 2025 08:26

Tgt Ion: 94 Resp: 47950
 Ion Ratio Lower Upper
 94 100
 96 91.4 73.1 109.7





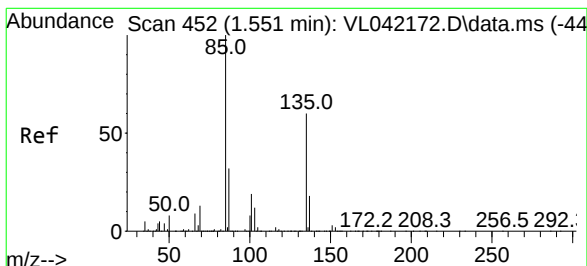
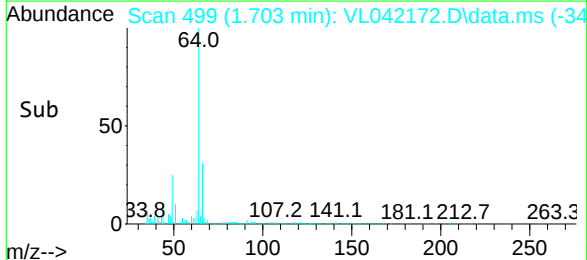
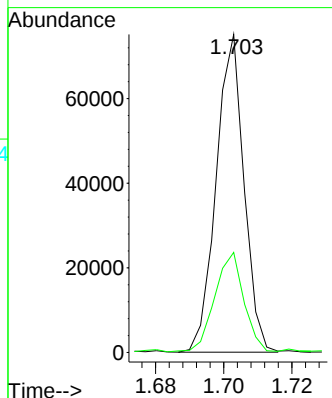
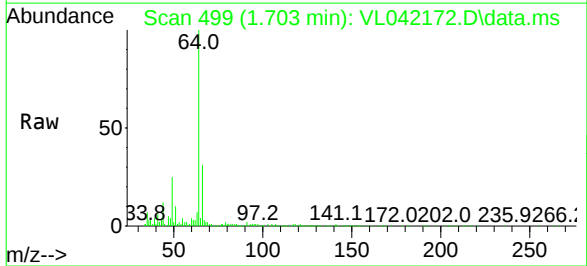
#7
Chloroethane
Concen: 9.387 ppbv
RT: 1.703 min Scan# 499
Delta R.T. 0.000 min
Lab File: VL042172.D
Acq: 27 Mar 2025 08:26

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 64 Resp: 42516
Ion Ratio Lower Upper
64 100
66 31.5 25.2 37.8

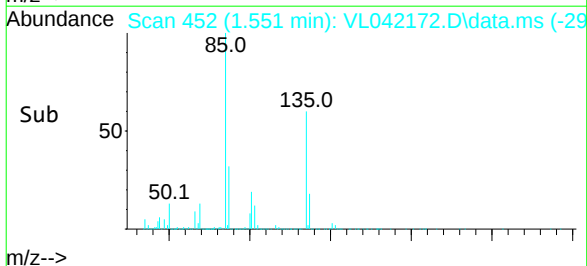
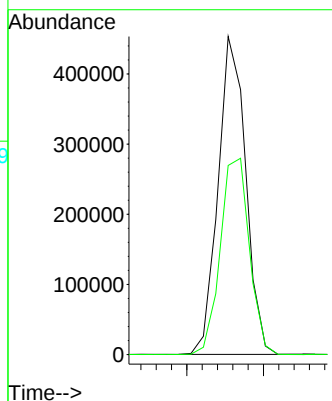
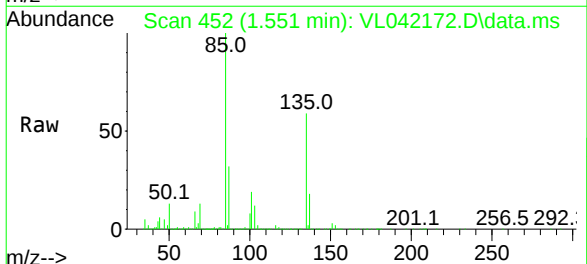
Manual Integrations
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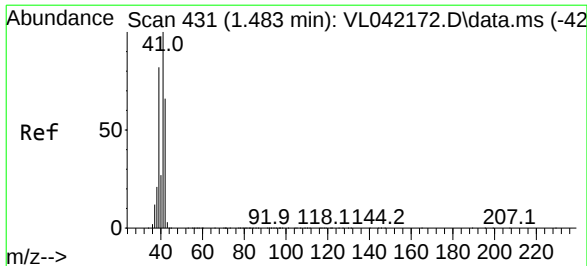
Reviewed By :Semsettin Yesilyurt 03/31/2025
Supervised By :Mahesh Dadoda 04/03/2025



#8
Dichlorotetrafluoroethane
Concen: 9.656 ppbv
RT: 1.551 min Scan# 452
Delta R.T. 0.000 min
Lab File: VL042172.D
Acq: 27 Mar 2025 08:26

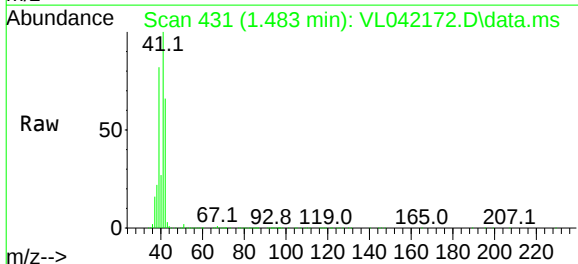
Tgt Ion: 85 Resp: 227041
Ion Ratio Lower Upper
85 100
135 65.5 52.4 78.6





#9
 Propene
 Concen: 9.709 ppbv
 RT: 1.483 min Scan# 431
 Delta R.T. 0.000 min
 Lab File: VL042172.D
 Acq: 27 Mar 2025 08:26

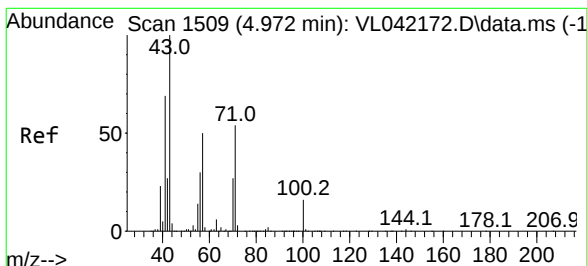
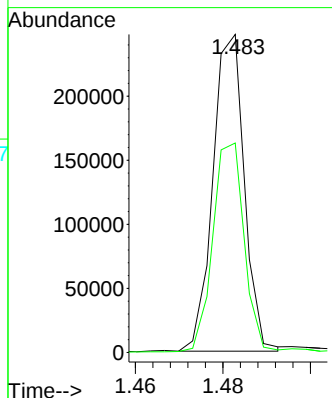
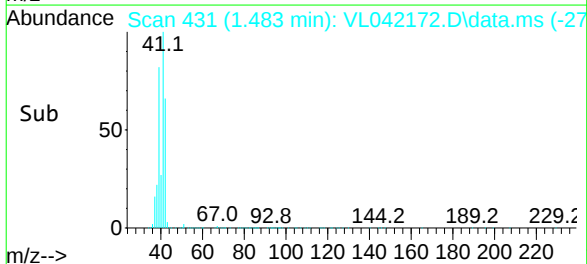
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 MSVOA_L
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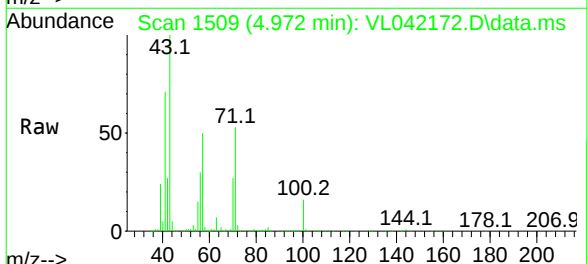
Tgt Ion: 41 Resp: 123386
 Ion Ratio Lower Upper
 41 100
 42 69.3 55.4 83.2

Manual Integrations
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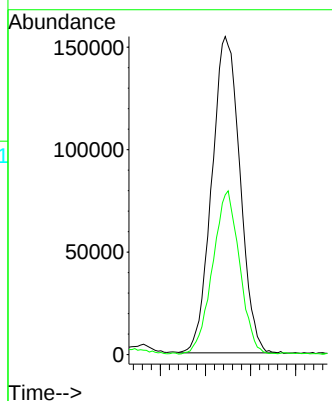
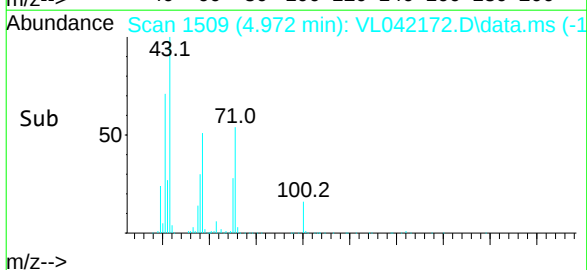
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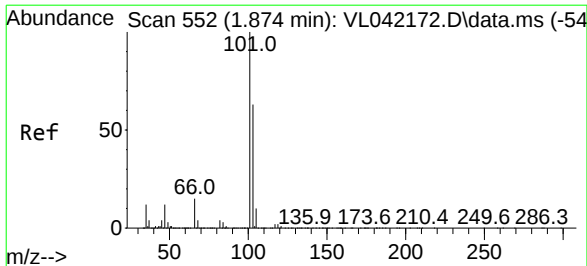


#10
 Heptane
 Concen: 9.744 ppbv
 RT: 4.972 min Scan# 1509
 Delta R.T. 0.000 min
 Lab File: VL042172.D
 Acq: 27 Mar 2025 08:26



Tgt Ion: 43 Resp: 335086
 Ion Ratio Lower Upper
 43 100
 57 49.3 39.4 59.2





#11

Trichlorofluoromethane

Concen: 9.318 ppbv

RT: 1.874 min Scan# 552

Delta R.T. 0.000 min

Lab File: VL042172.D

Acq: 27 Mar 2025 08:26

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion:101 Resp: 250349

Ion Ratio Lower Upper

101 100

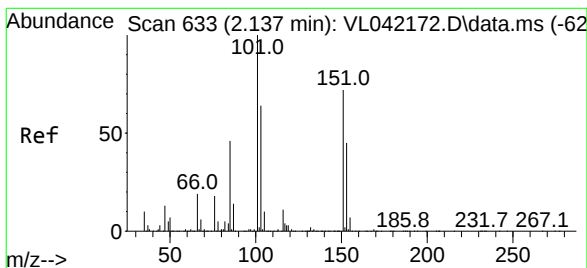
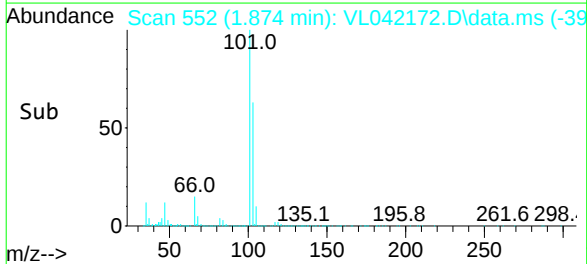
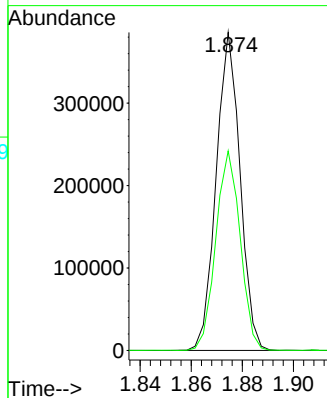
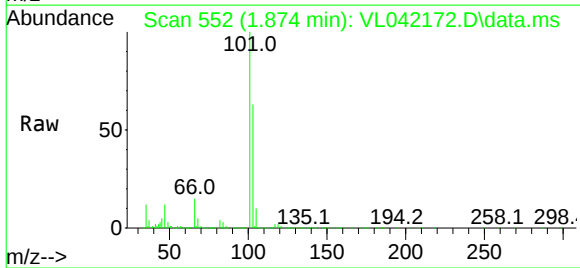
103 62.7 50.2 75.2

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/31/2025

Supervised By :Mahesh Dadoda 04/03/2025



#12

1,1,2-Trichlorotrifluoroethane

Concen: 9.481 ppbv

RT: 2.137 min Scan# 633

Delta R.T. 0.000 min

Lab File: VL042172.D

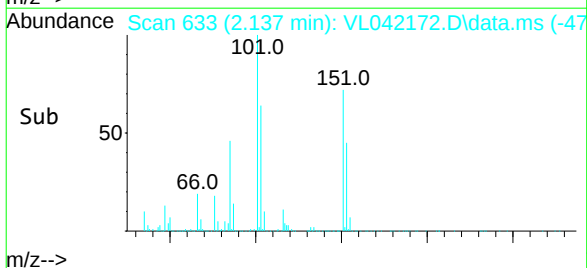
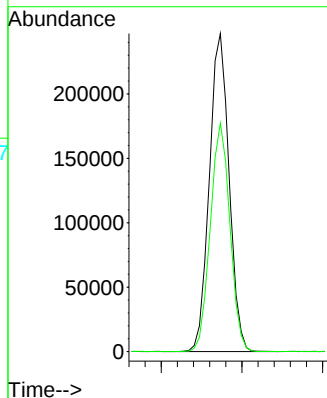
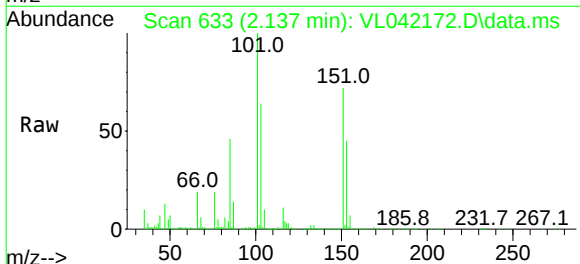
Acq: 27 Mar 2025 08:26

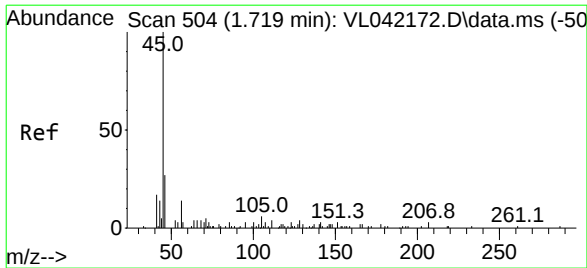
Tgt Ion:101 Resp: 209365

Ion Ratio Lower Upper

101 100

151 71.4 57.1 85.7





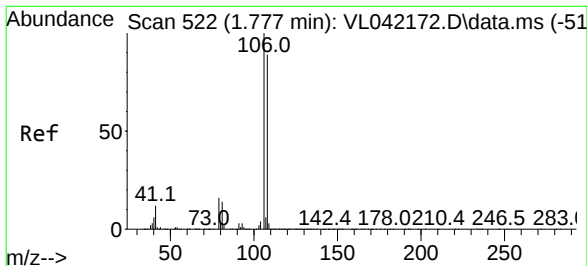
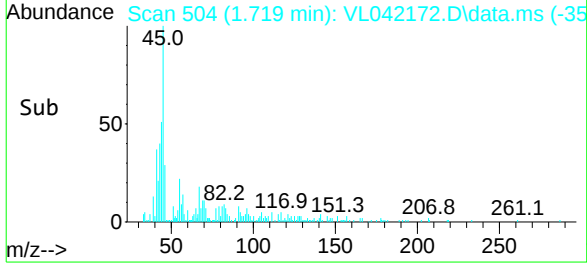
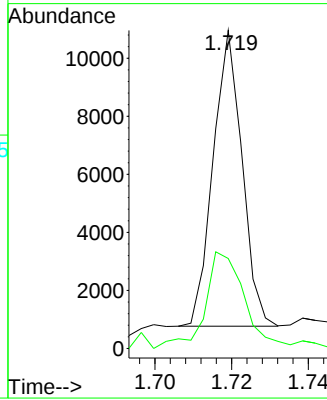
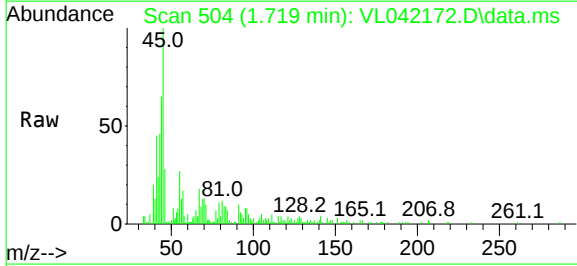
#13
Ethanol
Concen: 5.364 ppbv
RT: 1.719 min Scan# 504
Delta R.T. 0.000 min
Lab File: VL042172.D
Acq: 27 Mar 2025 08:26

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 45 Resp: 5338
Ion Ratio Lower Upper
45 100
46 50.5 20.2 80.8

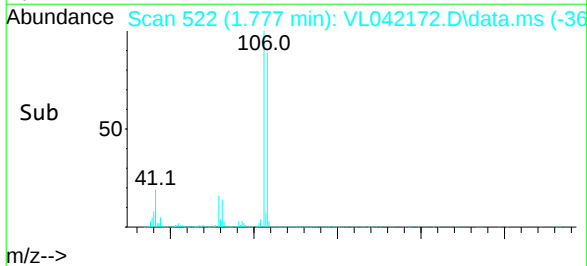
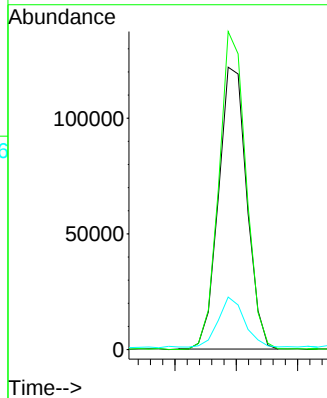
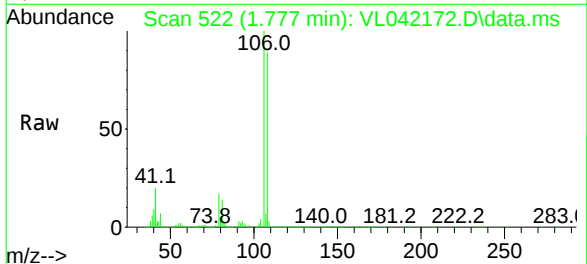
Manual Integrations
APPROVED

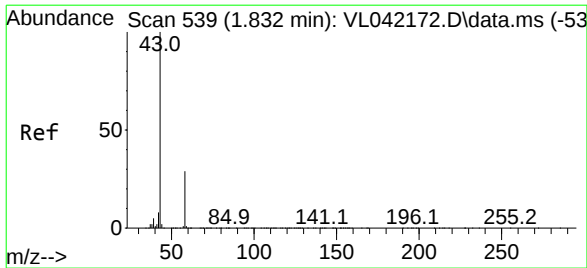
Reviewed By :Semsettin Yesilyurt 03/31/2025
Supervised By :Mahesh Dadoda 04/03/2025



#14
Bromoethene
Concen: 9.220 ppbv
RT: 1.777 min Scan# 522
Delta R.T. 0.000 min
Lab File: VL042172.D
Acq: 27 Mar 2025 08:26

Tgt Ion:108 Resp: 77999
Ion Ratio Lower Upper
108 100
106 108.5 86.8 130.2
79 18.8 15.0 22.6





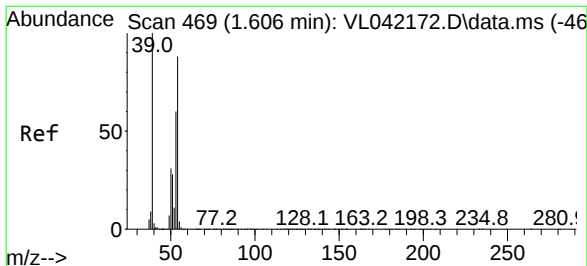
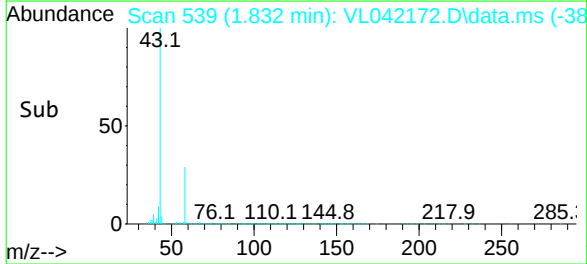
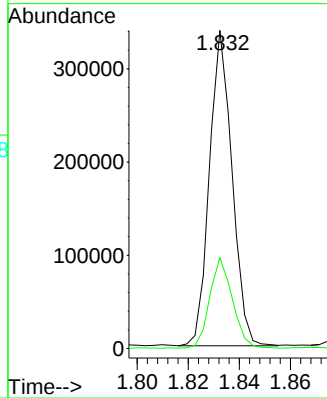
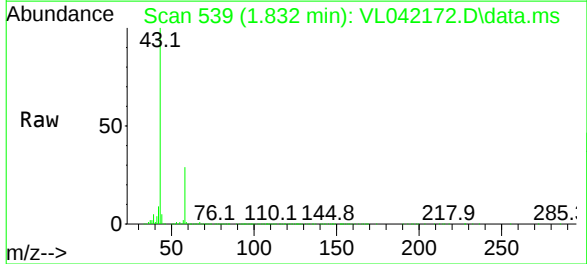
#15
Acetone
Concen: 7.955 ppbv
RT: 1.832 min Scan# 539
Delta R.T. 0.000 min
Lab File: VL042172.D
Acq: 27 Mar 2025 08:26

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 43 Resp: 208061
Ion Ratio Lower Upper
43 100
58 29.0 23.2 34.8

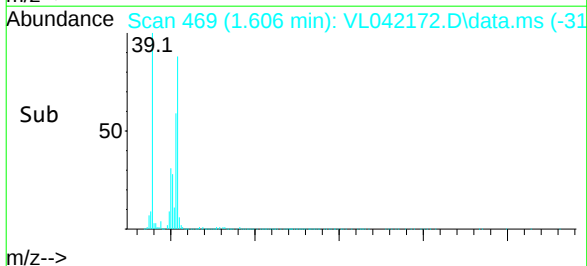
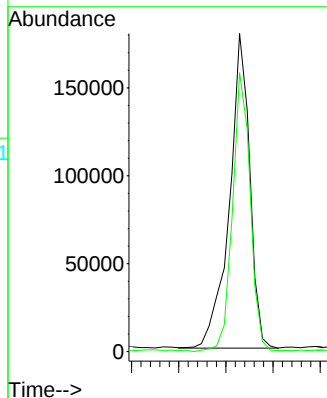
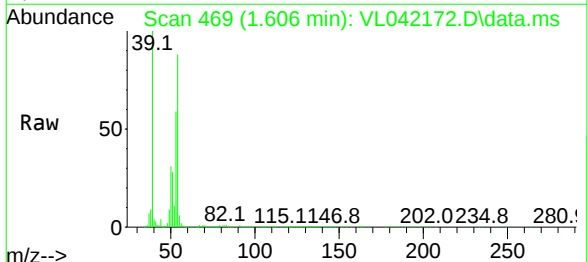
Manual Integrations
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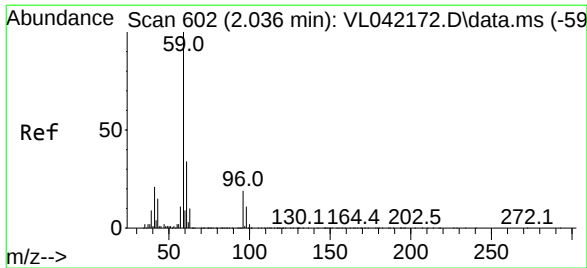
Reviewed By :Semsettin Yesilyurt 03/31/2025
Supervised By :Mahesh Dadoda 04/03/2025



#16
1,3-Butadiene
Concen: 9.105 ppbv
RT: 1.606 min Scan# 469
Delta R.T. 0.000 min
Lab File: VL042172.D
Acq: 27 Mar 2025 08:26

Tgt Ion: 39 Resp: 107104
Ion Ratio Lower Upper
39 100
54 75.9 60.7 91.1





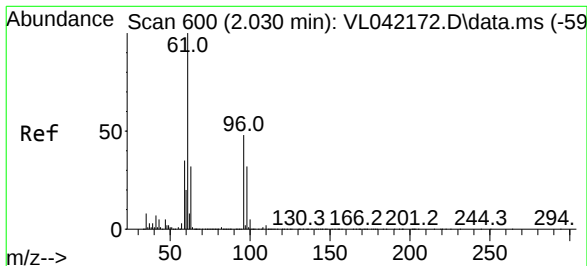
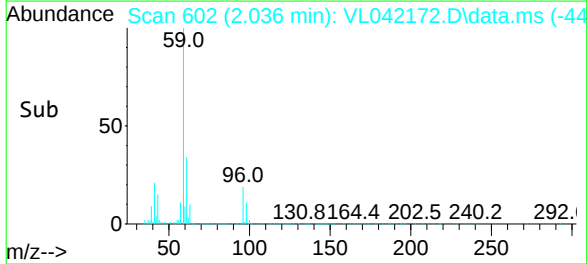
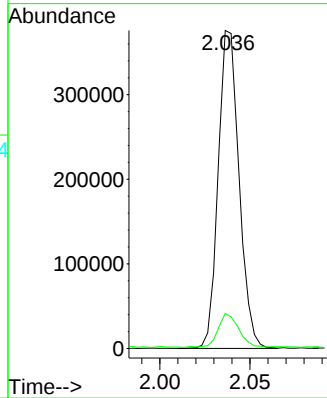
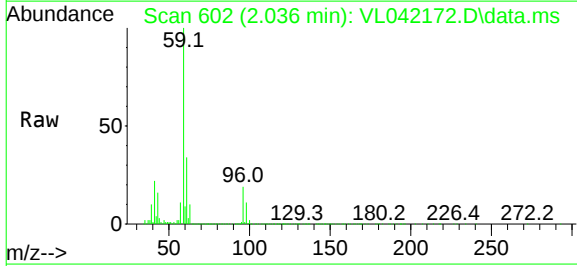
#17
tert-Butyl alcohol
Concen: 9.290 ppbv
RT: 2.036 min Scan# 602
Delta R.T. 0.000 min
Lab File: VL042172.D
Acq: 27 Mar 2025 08:26

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 59 Resp: 302616
Ion Ratio Lower Upper
59 100
57 11.1 8.9 13.3

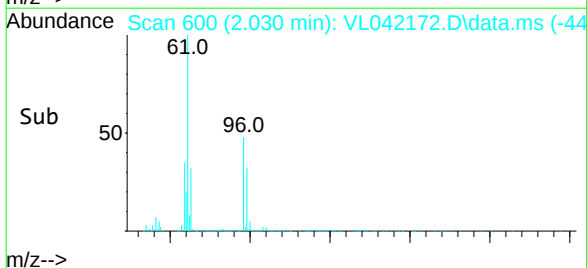
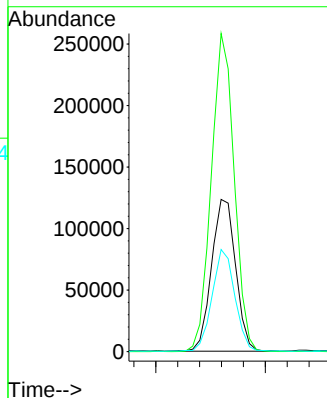
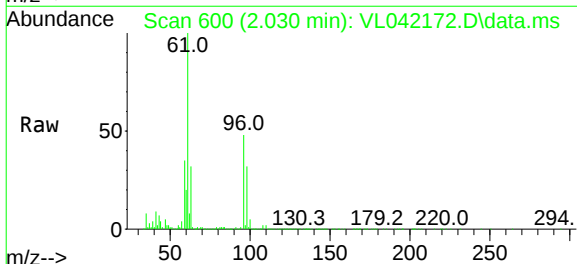
Manual Integrations
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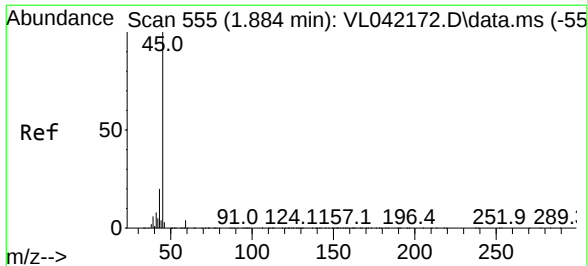
Reviewed By :Semsettin Yesilyurt 03/31/2025
Supervised By :Mahesh Dadoda 04/03/2025



#18
1,1-Dichloroethene
Concen: 9.128 ppbv
RT: 2.030 min Scan# 600
Delta R.T. 0.000 min
Lab File: VL042172.D
Acq: 27 Mar 2025 08:26

Tgt Ion: 96 Resp: 94236
Ion Ratio Lower Upper
96 100
61 209.5 167.6 251.4
98 66.9 53.5 80.3





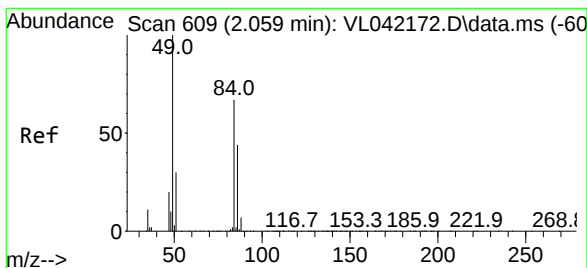
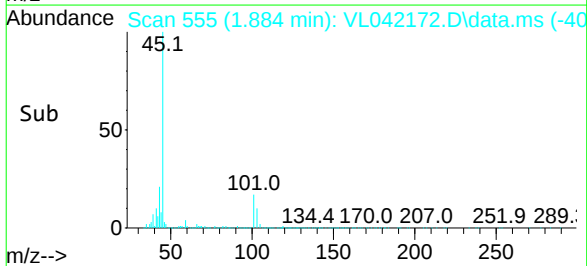
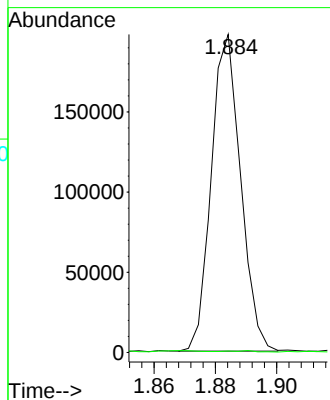
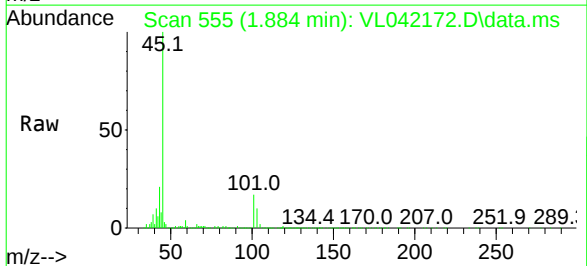
#19
Isopropyl Alcohol
Concen: 8.902 ppbv
RT: 1.884 min Scan# 555
Delta R.T. 0.000 min
Lab File: VL042172.D
Acq: 27 Mar 2025 08:26

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 45 Resp: 131359
Ion Ratio Lower Upper
45 100
58 46.1 36.9 55.3

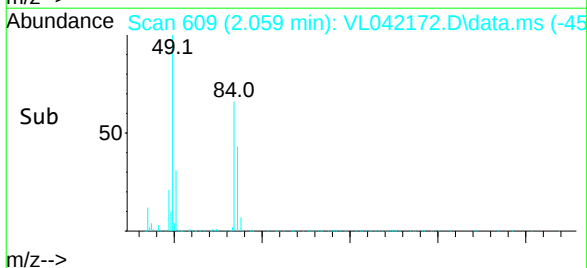
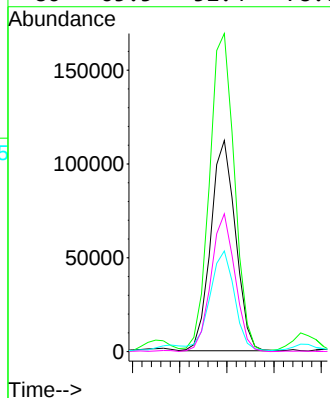
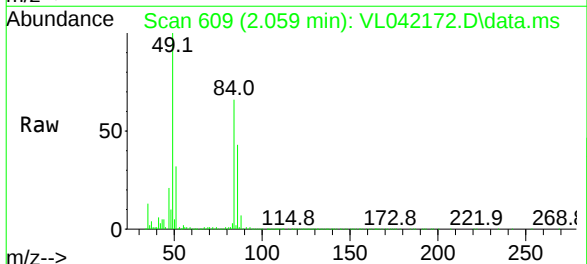
Manual Integrations
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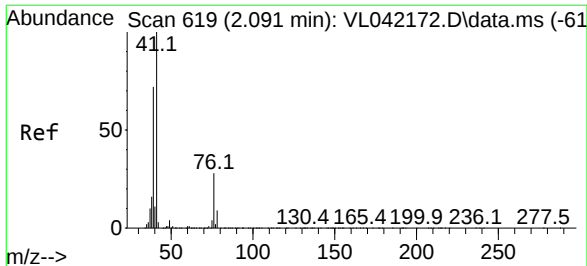
Reviewed By :Semsettin Yesilyurt 03/31/2025
Supervised By :Mahesh Dadoda 04/03/2025



#20
Methylene Chloride
Concen: 8.401 ppbv
RT: 2.059 min Scan# 609
Delta R.T. 0.000 min
Lab File: VL042172.D
Acq: 27 Mar 2025 08:26

Tgt Ion: 84 Resp: 81828
Ion Ratio Lower Upper
84 100
49 150.3 120.2 180.4
51 46.7 37.4 56.0
86 65.5 52.4 78.6





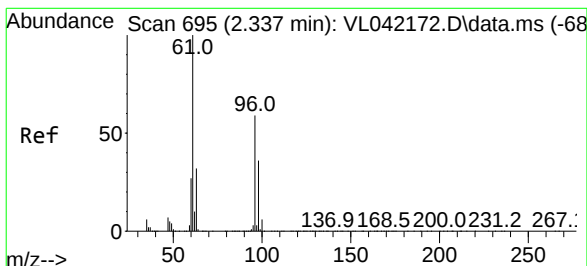
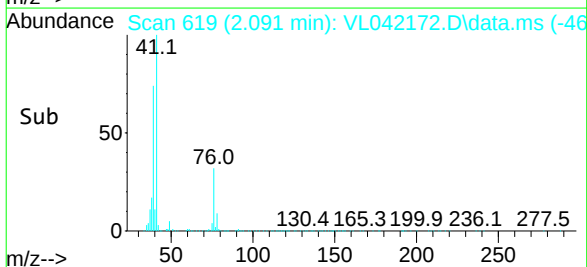
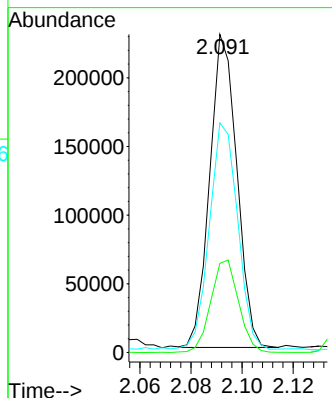
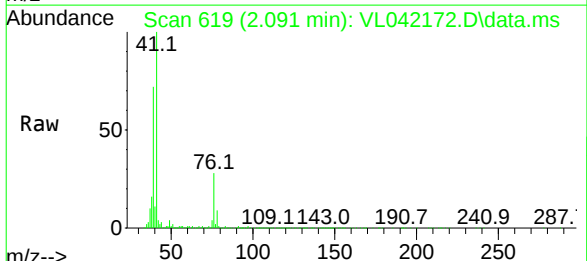
#21
 Allyl Chloride
 Concen: 9.141 ppbv
 RT: 2.091 min Scan# 619
 Delta R.T. 0.000 min
 Lab File: VL042172.D
 Acq: 27 Mar 2025 08:26

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Tgt Ion:	41	Resp:	168602
Ion	Ratio	Lower	Upper
41	100		
76	30.1	24.1	36.1
39	76.4	61.1	91.7

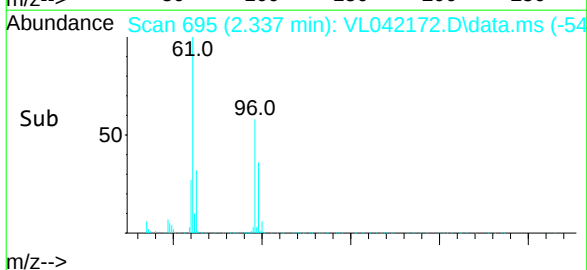
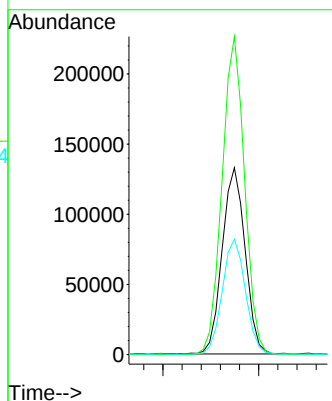
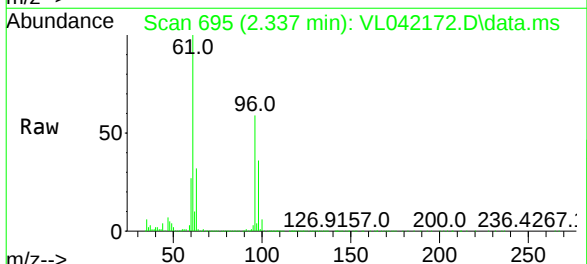
Manual Integrations
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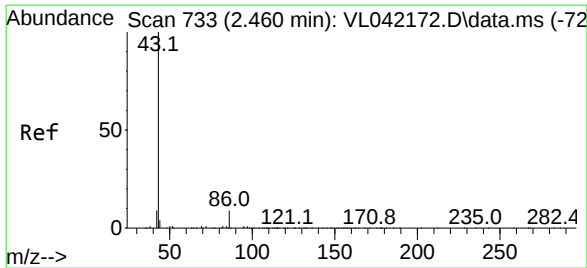
Reviewed By :Semsettin Yesilyurt 03/31/2025
 Supervised By :Mahesh Dadoda 04/03/2025



#22
 trans-1,2-Dichloroethene
 Concen: 9.149 ppbv
 RT: 2.337 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VL042172.D
 Acq: 27 Mar 2025 08:26

Tgt Ion:	96	Resp:	110371
Ion	Ratio	Lower	Upper
96	100		
61	170.7	136.6	204.8
98	61.8	49.4	74.2





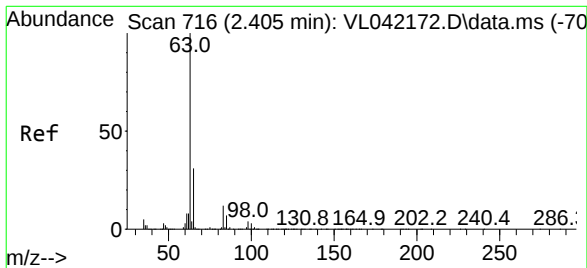
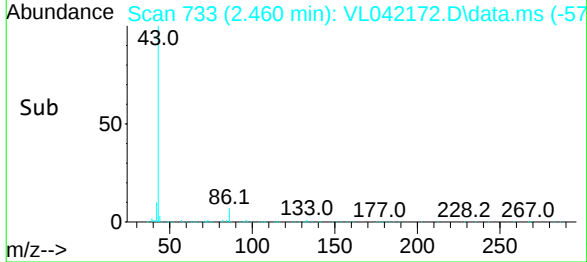
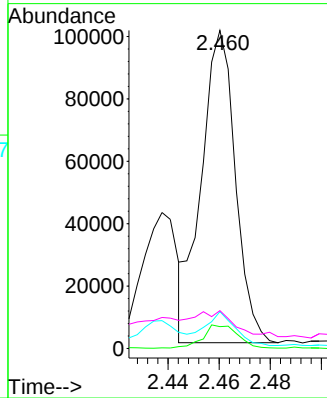
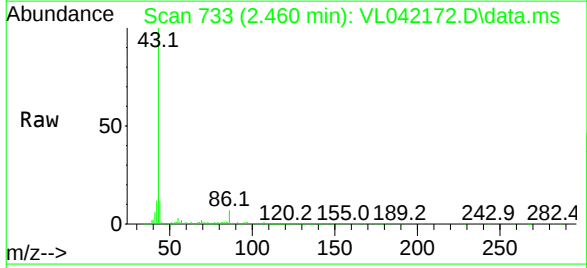
#23
 Vinyl Acetate
 Concen: 8.563 ppbv
 RT: 2.460 min Scan# 733
 Delta R.T. 0.000 min
 Lab File: VL042172.D
 Acq: 27 Mar 2025 08:26

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Tgt Ion: 43	Resp: 93080
Ion Ratio	Lower Upper
43 100	
86 6.9	5.5 8.3
42 10.8	8.6 13.0
44 7.8	6.2 9.4

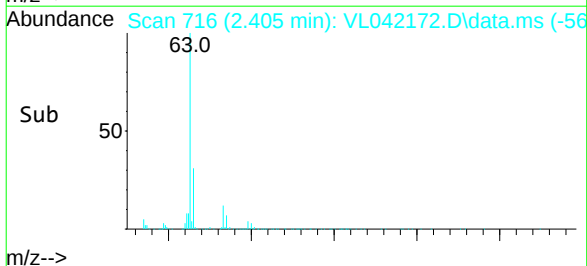
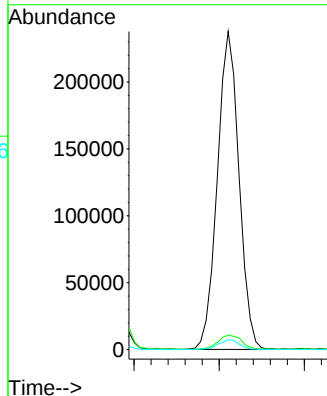
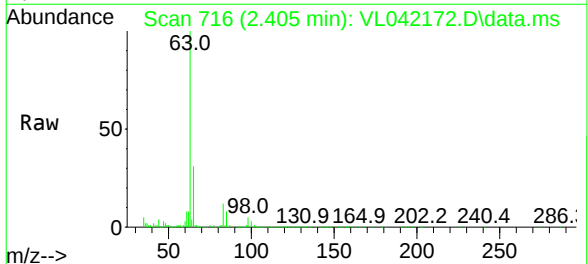
Manual Integrations APPROVED

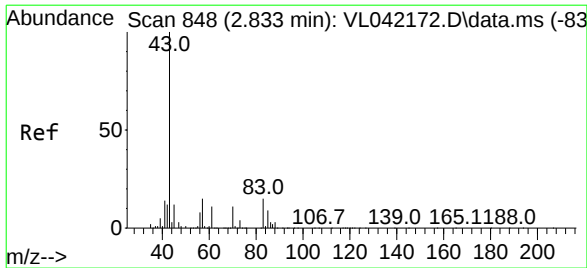
Reviewed By :Semsettin Yesilyurt 03/31/2025
 Supervised By :Mahesh Dadoda 04/03/2025



#24
 1,1-Dichloroethane
 Concen: 9.484 ppbv
 RT: 2.405 min Scan# 716
 Delta R.T. 0.000 min
 Lab File: VL042172.D
 Acq: 27 Mar 2025 08:26

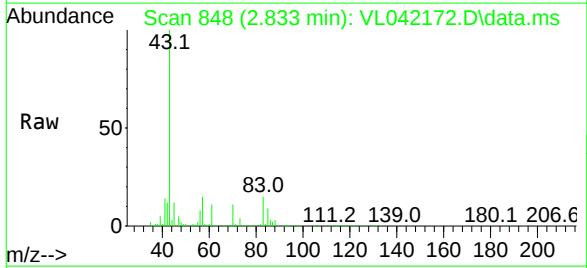
Tgt Ion: 63	Resp: 209753
Ion Ratio	Lower Upper
63 100	
98 4.5	2.3 6.8
100 3.1	1.6 4.7





#25
Ethyl Acetate
Concen: 9.524 ppbv
RT: 2.833 min Scan# 848
Delta R.T. 0.000 min
Lab File: VL042172.D
Acq: 27 Mar 2025 08:26

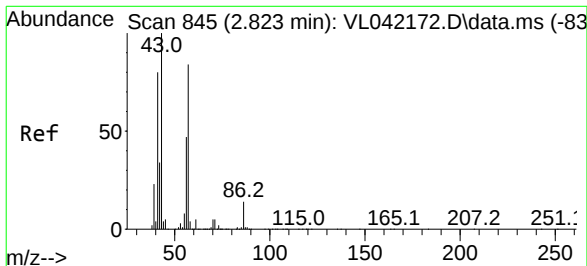
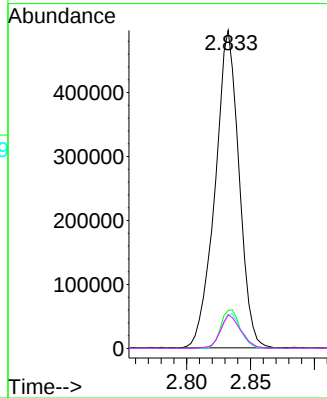
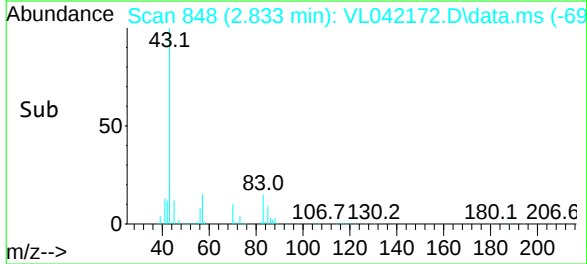
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



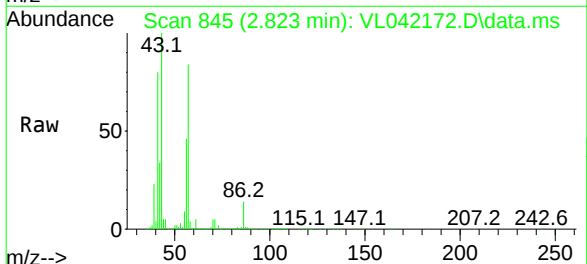
Tgt Ion	Ratio	Lower	Upper
43	100		
45	10.2	8.2	12.2
61	9.1	7.3	10.9
70	9.0	7.2	10.8

Manual Integrations
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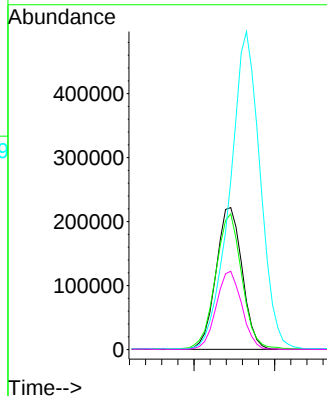
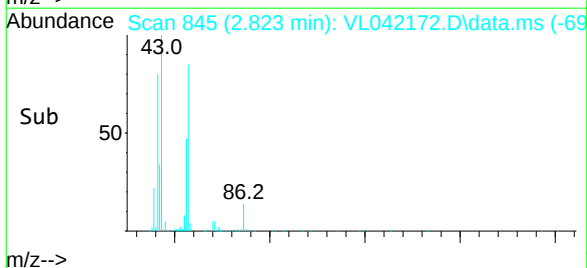
Reviewed By :Semsettin Yesilyurt 03/31/2025
Supervised By :Mahesh Dadoda 04/03/2025

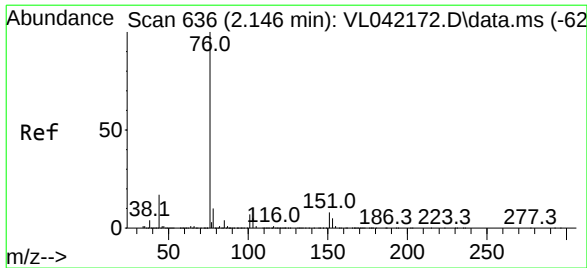


#26
Hexane
Concen: 9.510 ppbv
RT: 2.823 min Scan# 845
Delta R.T. 0.000 min
Lab File: VL042172.D
Acq: 27 Mar 2025 08:26



Tgt Ion	Ratio	Lower	Upper
57	100		
41	95.7	76.6	114.8
43	259.8	207.8	311.8
56	54.5	43.6	65.4





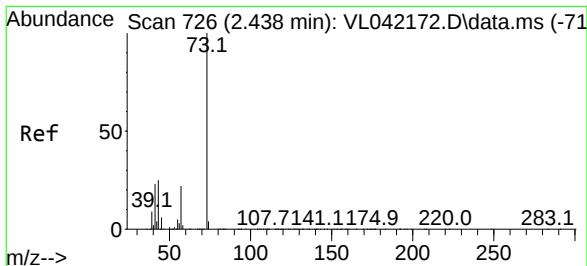
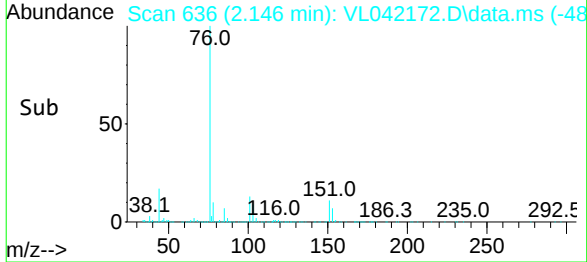
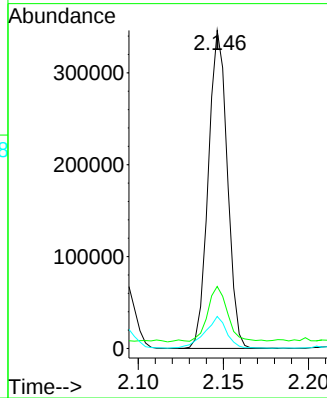
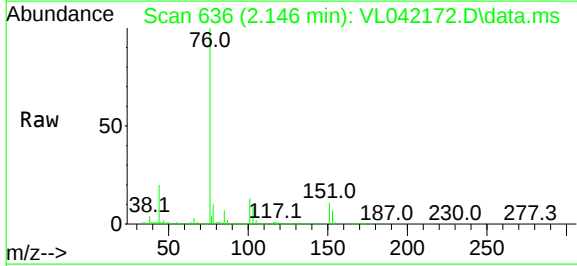
#27
Carbon Disulfide
Concen: 9.550 ppbv
RT: 2.146 min Scan# 636
Delta R.T. 0.000 min
Lab File: VL042172.D
Acq: 27 Mar 2025 08:26

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 76 Resp: 268507
Ion Ratio Lower Upper
76 100
44 18.4 14.7 22.1
78 11.6 9.3 13.9

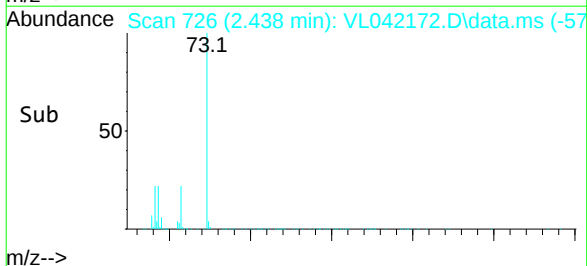
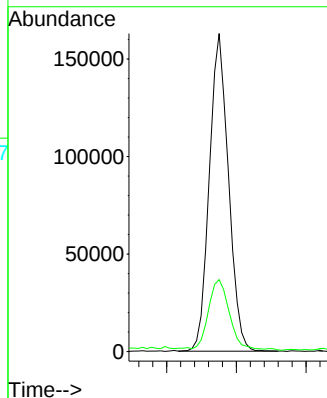
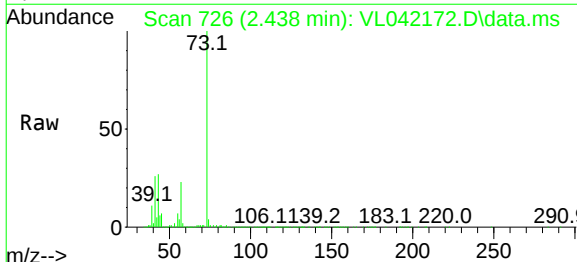
Manual Integrations
APPROVED

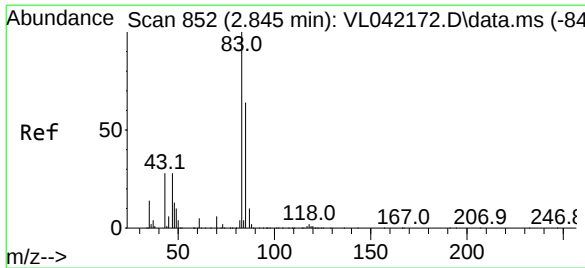
Reviewed By :Semsettin Yesilyurt 03/31/2025
Supervised By :Mahesh Dadoda 04/03/2025



#28
Methyl tert-Butyl Ether
Concen: 9.520 ppbv
RT: 2.438 min Scan# 726
Delta R.T. 0.000 min
Lab File: VL042172.D
Acq: 27 Mar 2025 08:26

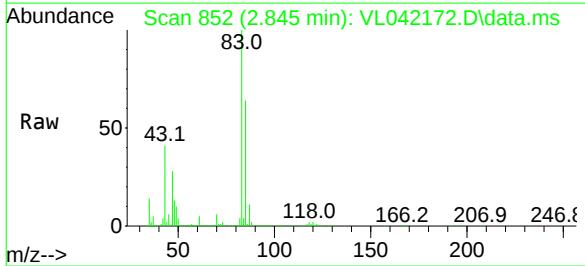
Tgt Ion: 73 Resp: 155398
Ion Ratio Lower Upper
73 100
57 25.6 20.5 30.7





#29
Chloroform
Concen: 9.415 ppbv
RT: 2.845 min Scan# 852
Delta R.T. 0.000 min
Lab File: VL042172.D
Acq: 27 Mar 2025 08:26

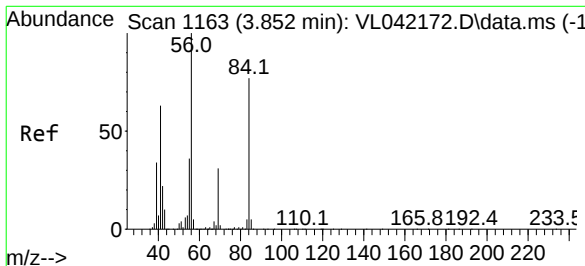
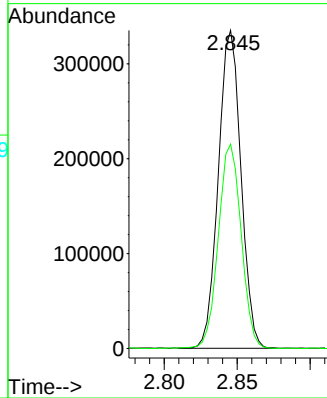
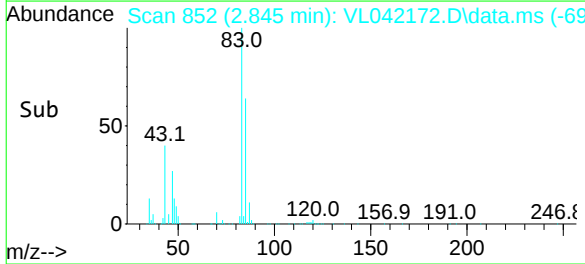
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 83 Resp: 361264
Ion Ratio Lower Upper
83 100
85 64.3 51.4 77.2

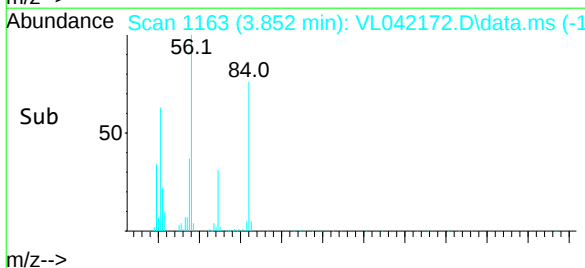
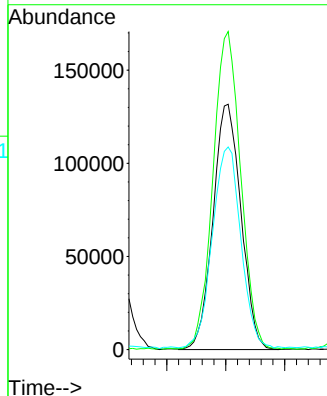
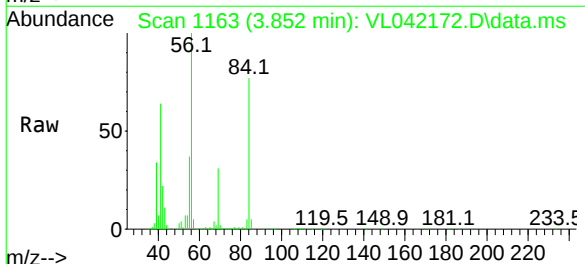
Manual Integrations
APPROVED

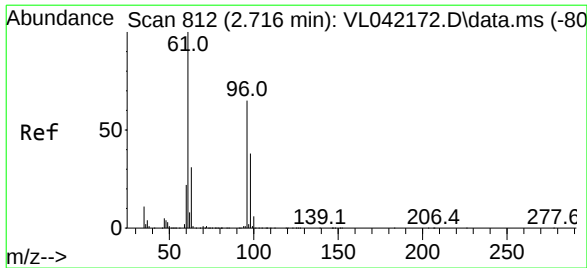
Reviewed By :Semsettin Yesilyurt 03/31/2025
Supervised By :Mahesh Dadoda 04/03/2025



#30
Cyclohexane
Concen: 9.537 ppbv
RT: 3.852 min Scan# 1163
Delta R.T. 0.000 min
Lab File: VL042172.D
Acq: 27 Mar 2025 08:26

Tgt Ion: 84 Resp: 217215
Ion Ratio Lower Upper
84 100
56 128.5 102.8 154.2
41 83.1 66.5 99.7





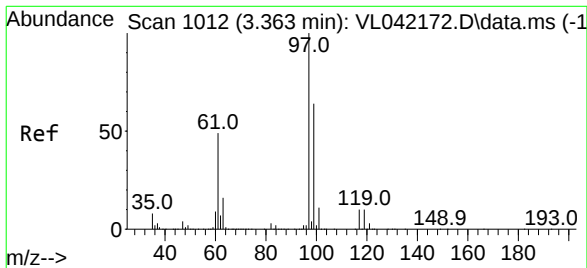
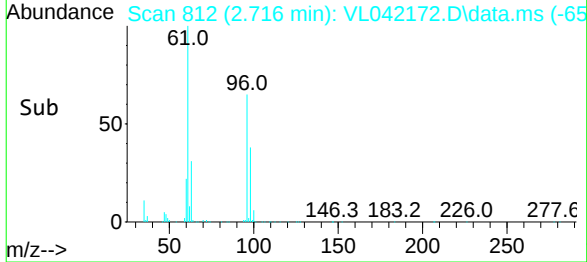
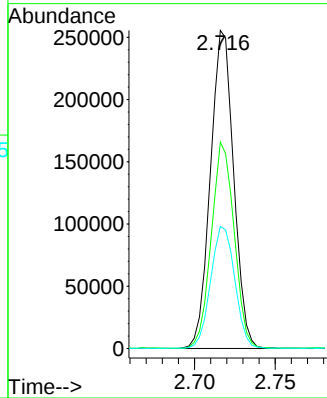
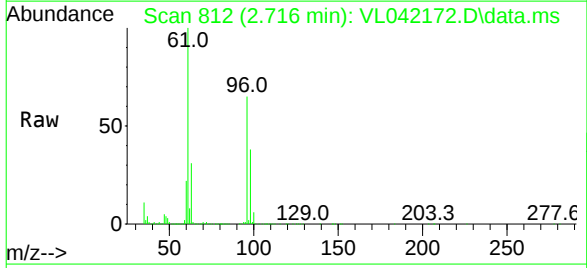
#31
cis-1,2-Dichloroethene
Concen: 9.634 ppbv
RT: 2.716 min Scan# 812
Delta R.T. 0.000 min
Lab File: VL042172.D
Acq: 27 Mar 2025 08:26

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 61 Resp: 256425
Ion Ratio Lower Upper
61 100
96 64.8 51.8 77.8
98 38.3 30.6 46.0

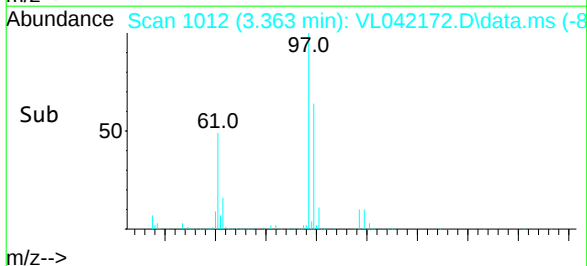
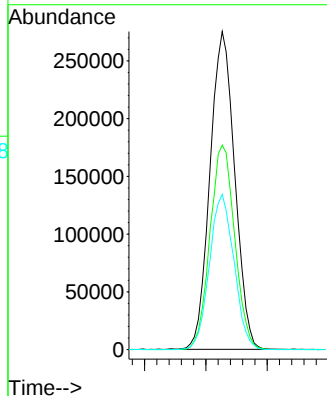
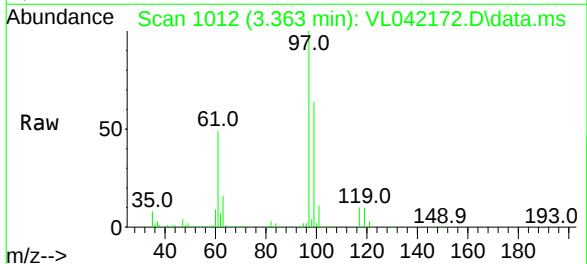
Manual Integrations
APPROVED

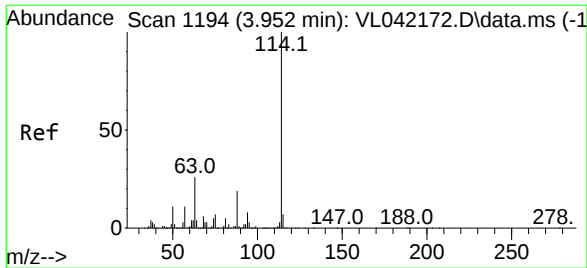
Reviewed By :Semsettin Yesilyurt 03/31/2025
Supervised By :Mahesh Dadoda 04/03/2025



#32
1,1,1-Trichloroethane
Concen: 8.784 ppbv
RT: 3.363 min Scan# 1012
Delta R.T. 0.000 min
Lab File: VL042172.D
Acq: 27 Mar 2025 08:26

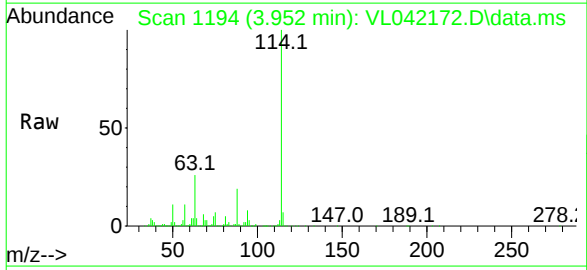
Tgt Ion: 97 Resp: 385628
Ion Ratio Lower Upper
97 100
99 64.4 51.5 77.3
61 48.4 38.7 58.1





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.952 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VL042172.D
Acq: 27 Mar 2025 08:26

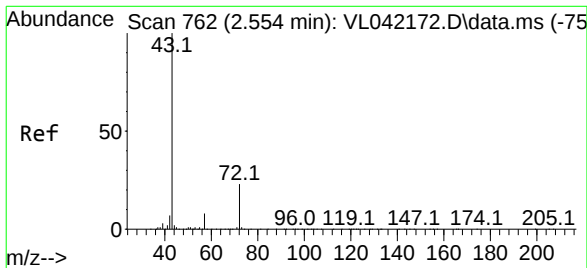
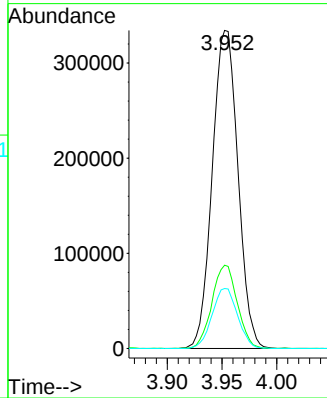
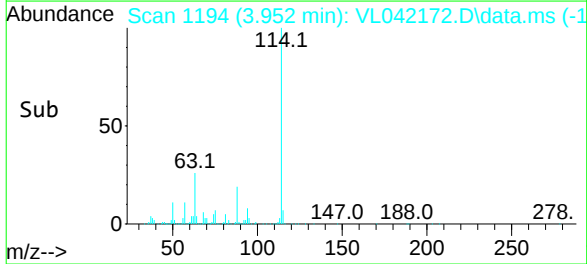
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



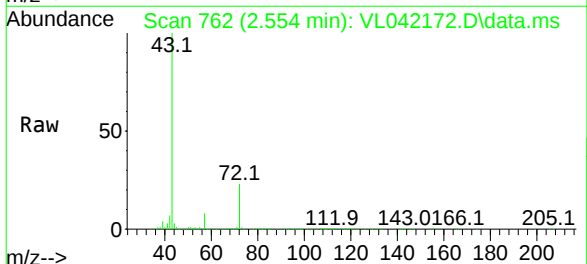
Tgt Ion: 114 Resp: 545068
Ion Ratio Lower Upper
114 100
63 25.9 20.7 31.1
88 18.7 15.0 22.4

Manual Integrations
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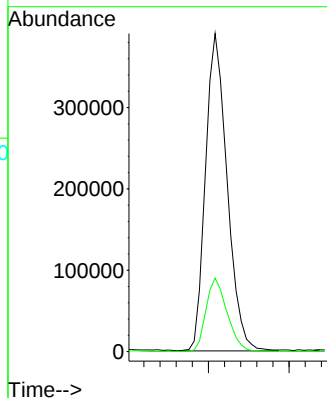
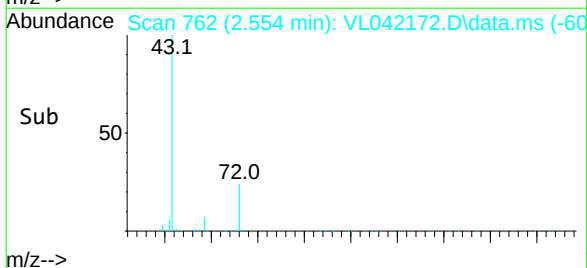
Reviewed By :Semsettin Yesilyurt 03/31/2025
Supervised By :Mahesh Dadoda 04/03/2025

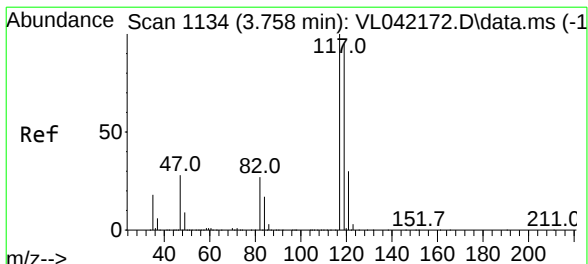


#34
2-Butanone
Concen: 9.203 ppbv
RT: 2.554 min Scan# 762
Delta R.T. 0.000 min
Lab File: VL042172.D
Acq: 27 Mar 2025 08:26



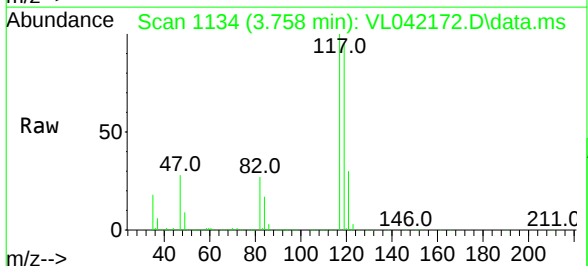
Tgt Ion: 43 Resp: 363735
Ion Ratio Lower Upper
43 100
72 22.7 18.2 27.2





#35
Carbon Tetrachloride
Concen: 9.129 ppbv
RT: 3.758 min Scan# 111
Delta R.T. 0.000 min
Lab File: VL042172.D
Acq: 27 Mar 2025 08:26

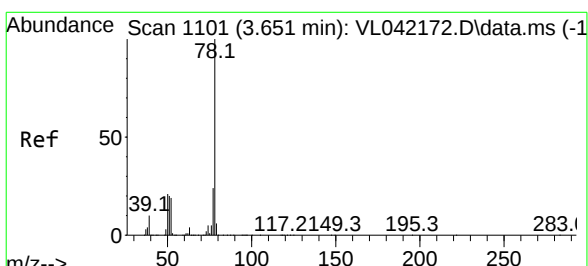
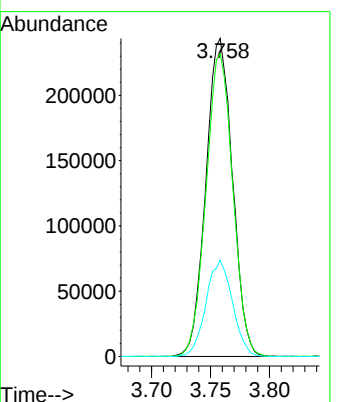
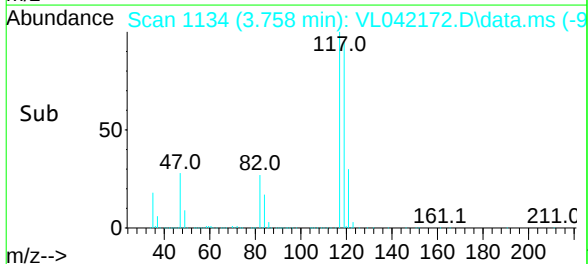
Instrument : MSVOA_L
ClientSampleId : VSTDICCC010



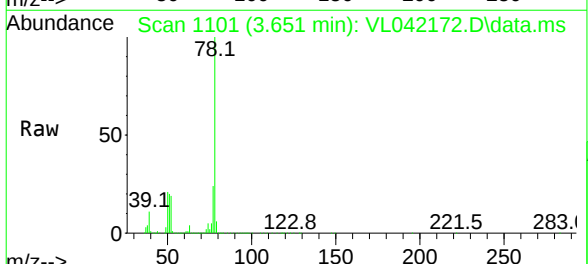
Tgt Ion: 117 Resp: 382925

Ion	Ratio	Lower	Upper
117	100		
119	95.2	76.2	114.2
121	30.3	24.2	36.4

Manual Integrations
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Reviewed By : Semsettin Yesilyurt 03/31/2025
Supervised By : Mahesh Dadoda 04/03/2025

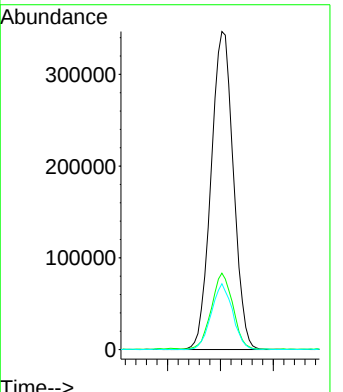
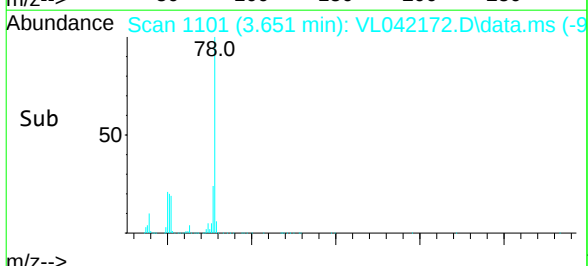


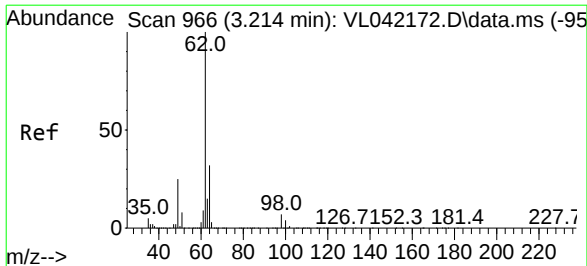
#36
Benzene
Concen: 9.417 ppbv
RT: 3.651 min Scan# 1101
Delta R.T. 0.000 min
Lab File: VL042172.D
Acq: 27 Mar 2025 08:26



Tgt Ion: 78 Resp: 508860

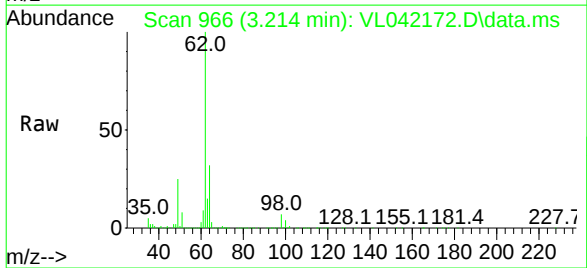
Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.1	28.7
50	20.7	16.6	24.8





#37
1,2-Dichloroethane
Concen: 9.469 ppbv
RT: 3.214 min Scan# 966
Delta R.T. 0.000 min
Lab File: VL042172.D
Acq: 27 Mar 2025 08:26

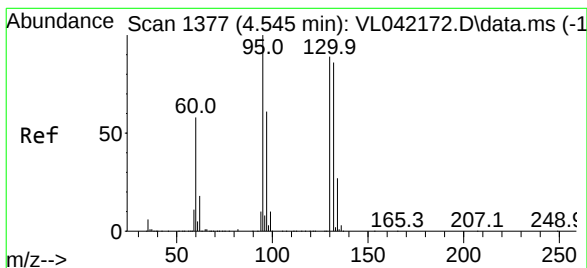
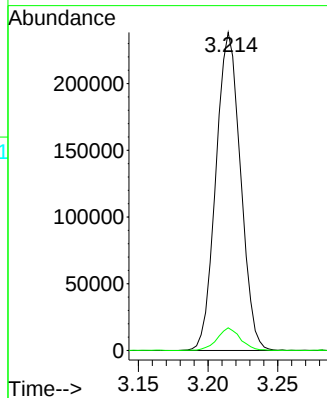
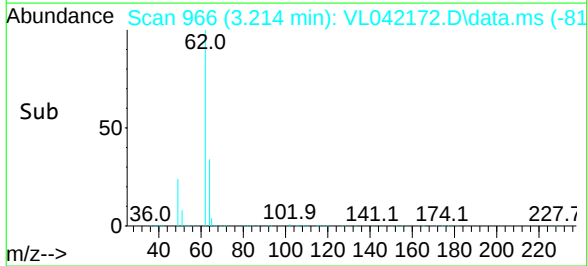
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 62 Resp: 292937
Ion Ratio Lower Upper
62 100
98 6.8 5.4 8.2

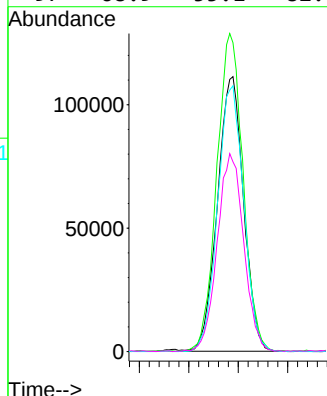
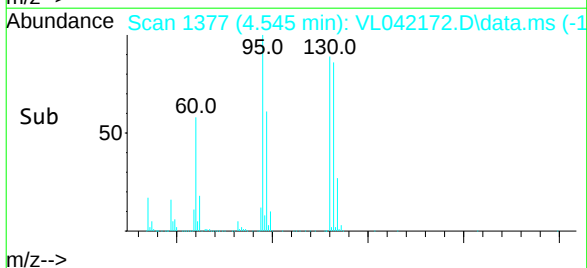
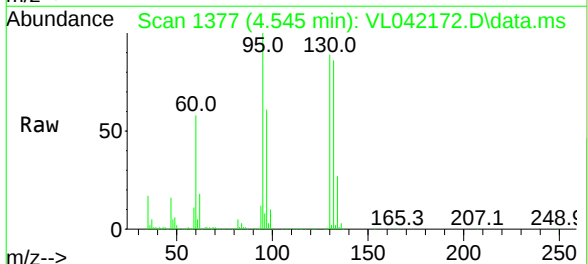
Manual Integrations
APPROVED

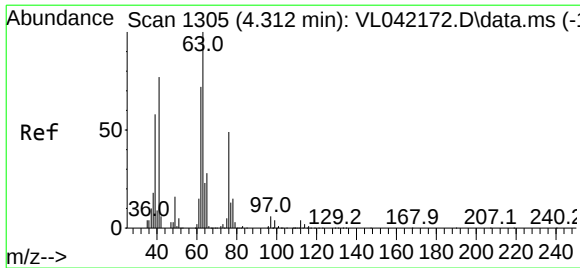
Reviewed By :Semsettin Yesilyurt 03/31/2025
Supervised By :Mahesh Dadoda 04/03/2025



#38
Trichloroethene
Concen: 9.045 ppbv
RT: 4.545 min Scan# 1377
Delta R.T. 0.000 min
Lab File: VL042172.D
Acq: 27 Mar 2025 08:26

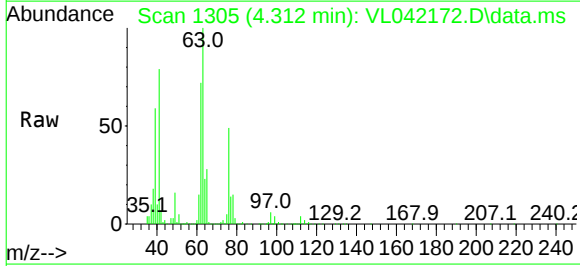
Tgt Ion:130 Resp: 204027
Ion Ratio Lower Upper
130 100
95 112.3 89.8 134.8
132 96.8 77.4 116.2
97 68.9 55.1 82.7





#39
1,2-Dichloropropane
Concen: 9.321 ppbv
RT: 4.312 min Scan# 1305
Delta R.T. 0.000 min
Lab File: VL042172.D
Acq: 27 Mar 2025 08:26

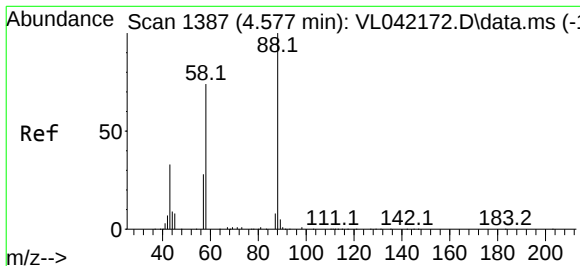
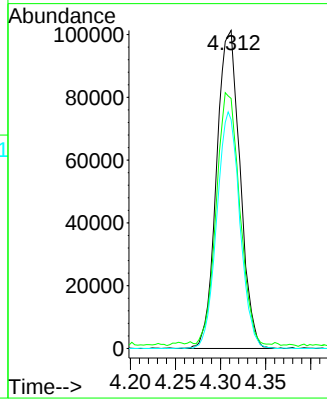
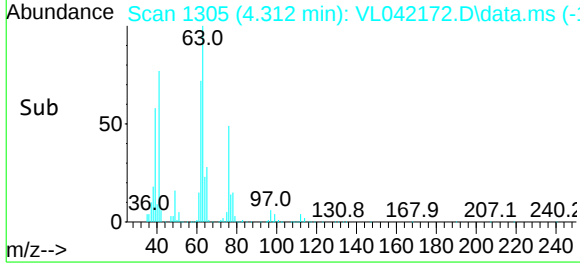
Instrument :
MSVOA_1
ClientSampleId :
VSTDICCC010



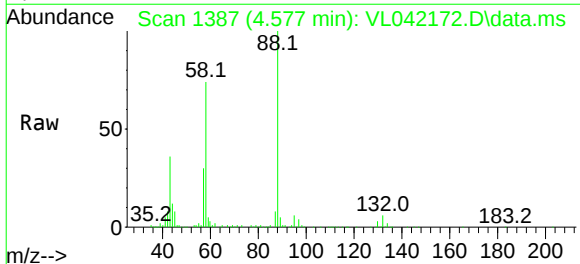
Tgt Ion: 63 Resp: 183439
Ion Ratio Lower Upper
63 100
41 77.1 61.7 92.5
62 72.0 57.6 86.4

Manual Integrations
APPROVED

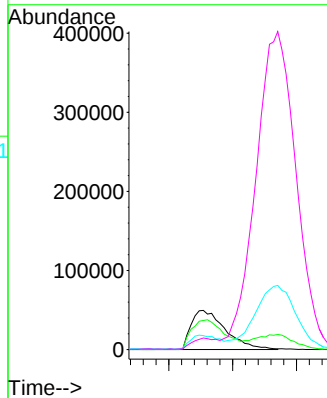
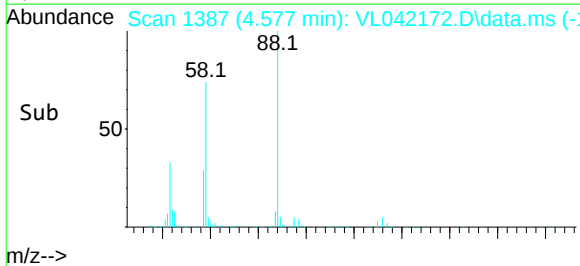
Reviewed By :Semsettin Yesilyurt 03/31/2025
Supervised By :Mahesh Dadoda 04/03/2025

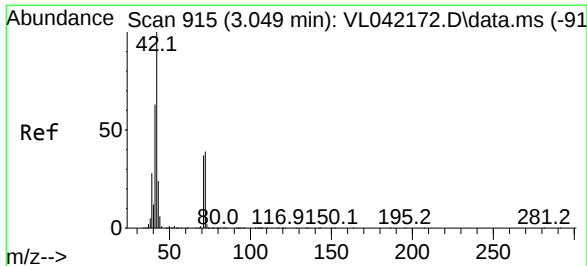


#40
1,4-Dioxane
Concen: 9.042 ppbv
RT: 4.577 min Scan# 1387
Delta R.T. 0.000 min
Lab File: VL042172.D
Acq: 27 Mar 2025 08:26



Tgt Ion: 88 Resp: 92327
Ion Ratio Lower Upper
88 100
58 78.4 62.7 94.1
43 28.7 23.0 34.4
57 0.0 0.0 0.0





#41

Tetrahydrofuran

Concen: 9.643 ppbv

RT: 3.049 min Scan# 915

Delta R.T. 0.000 min

Lab File: VL042172.D

Acq: 27 Mar 2025 08:26

Instrument :

MSVOA_L

ClientSampleId :

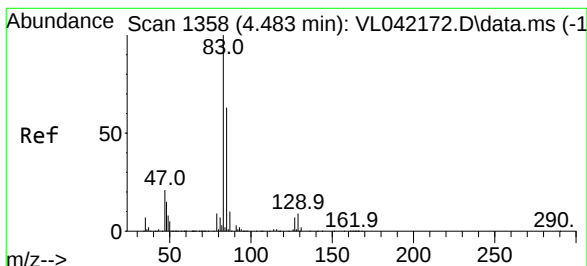
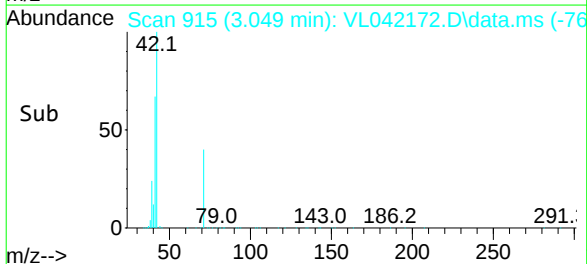
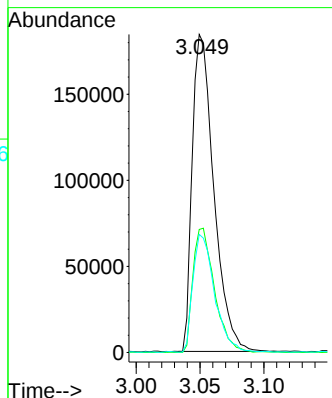
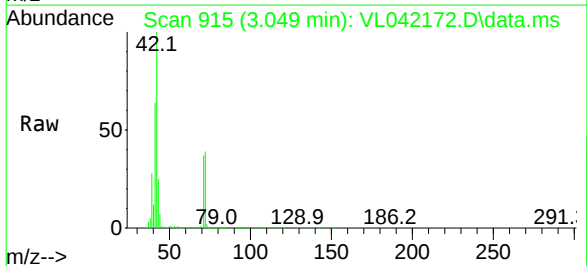
VSTDICCC010

Tgt Ion:	42	Resp:	216851
Ion	Ratio	Lower	Upper
42	100		
72	39.2	31.4	47.0
71	37.8	30.2	45.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/31/2025
Supervised By :Mahesh Dadoda 04/03/2025



#42

Bromodichloromethane

Concen: 9.822 ppbv

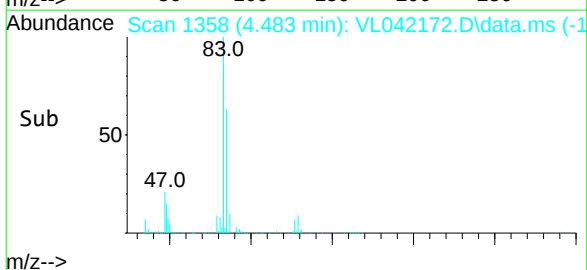
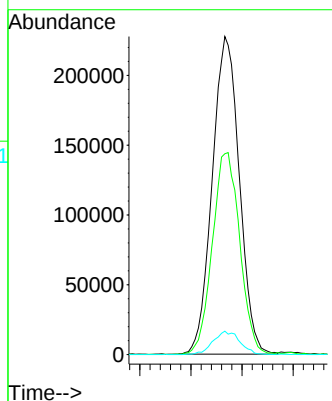
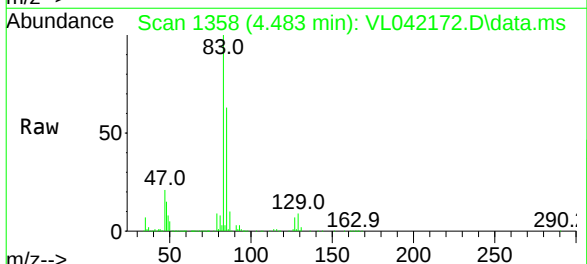
RT: 4.483 min Scan# 1358

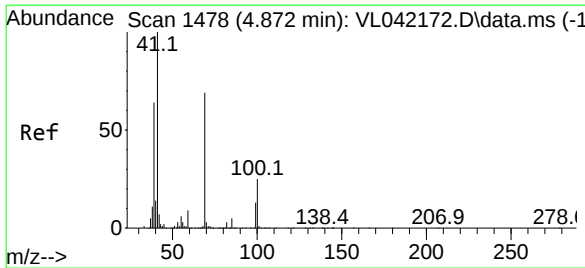
Delta R.T. 0.000 min

Lab File: VL042172.D

Acq: 27 Mar 2025 08:26

Tgt Ion:	83	Resp:	418887
Ion	Ratio	Lower	Upper
83	100		
85	63.1	50.5	75.7
127	7.4	5.9	8.9





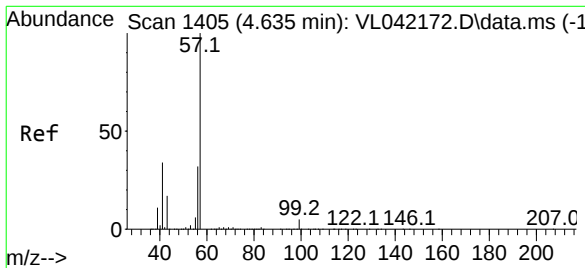
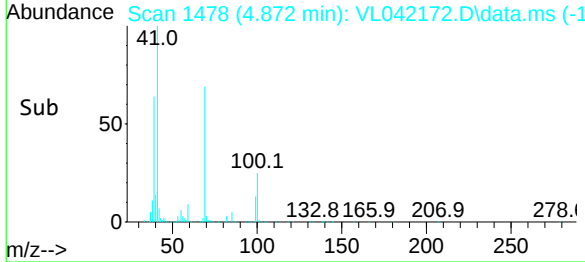
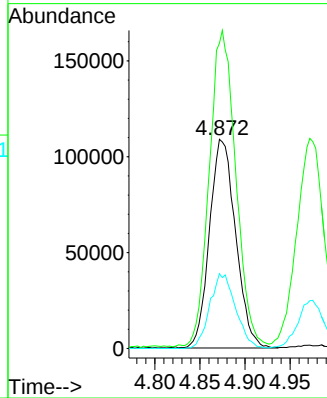
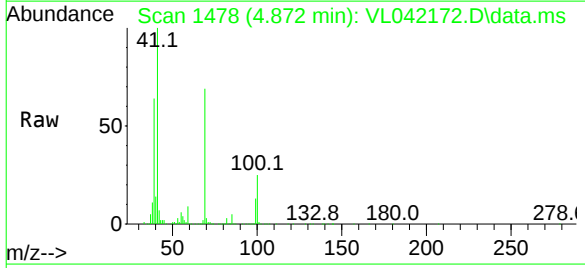
#43
Methyl Methacrylate
Concen: 9.618 ppbv
RT: 4.872 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VL042172.D
Acq: 27 Mar 2025 08:26

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 69 Resp: 219399
Ion Ratio Lower Upper
69 100
41 154.7 123.8 185.6
100 35.5 28.4 42.6

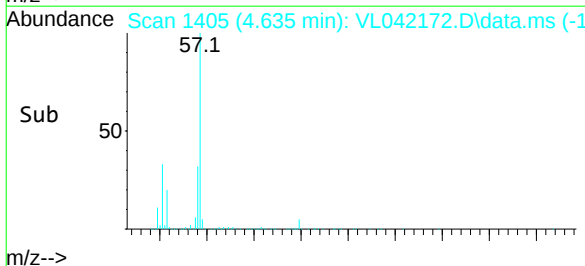
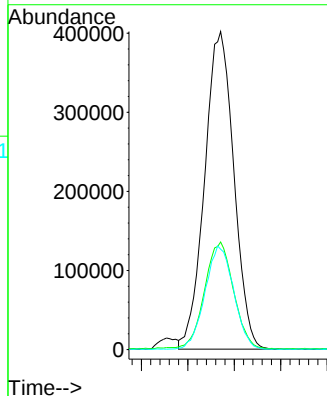
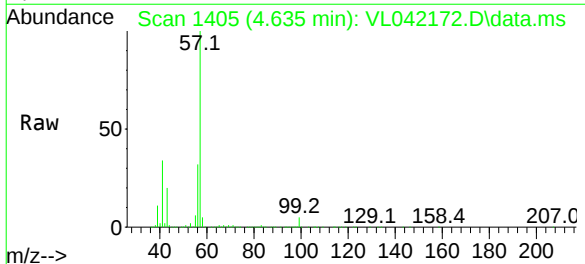
Manual Integrations
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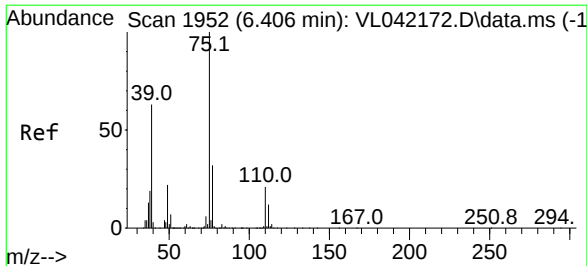
Reviewed By :Semsettin Yesilyurt 03/31/2025
Supervised By :Mahesh Dadoda 04/03/2025



#44
2,2,4-Trimethylpentane
Concen: 9.600 ppbv
RT: 4.635 min Scan# 1405
Delta R.T. 0.000 min
Lab File: VL042172.D
Acq: 27 Mar 2025 08:26

Tgt Ion: 57 Resp: 876649
Ion Ratio Lower Upper
57 100
41 33.5 26.8 40.2
56 32.0 25.6 38.4





#45

t-1,3-Dichloropropene

Concen: 9.746 ppbv

RT: 6.406 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VL042172.D

Acq: 27 Mar 2025 08:26

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion: 75 Resp: 239180

Ion Ratio Lower Upper

75 100

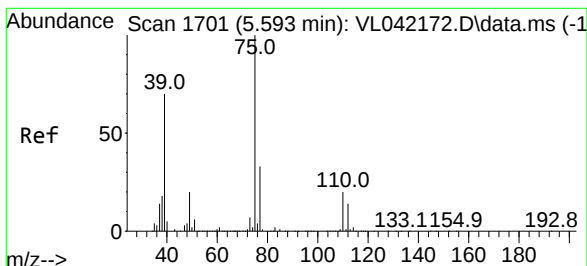
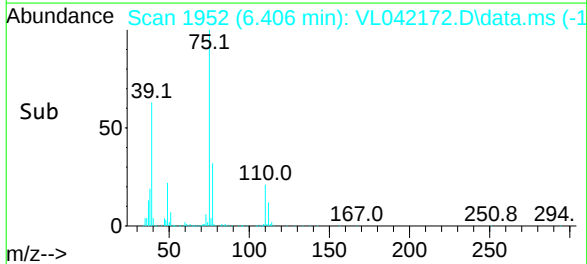
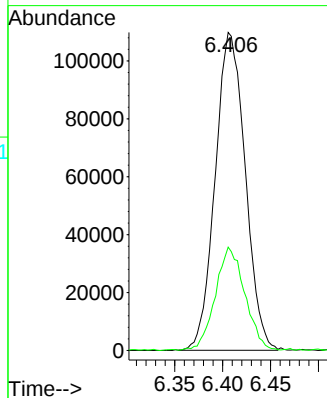
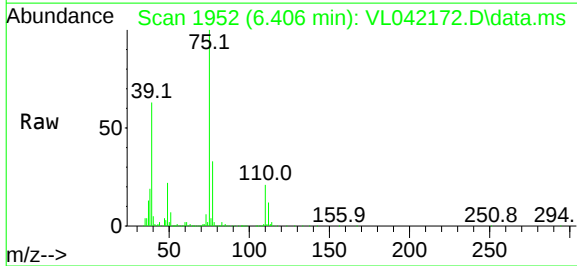
77 32.5 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/31/2025

Supervised By :Mahesh Dadoda 04/03/2025



#46

cis-1,3-Dichloropropene

Concen: 9.973 ppbv

RT: 5.593 min Scan# 1701

Delta R.T. 0.000 min

Lab File: VL042172.D

Acq: 27 Mar 2025 08:26

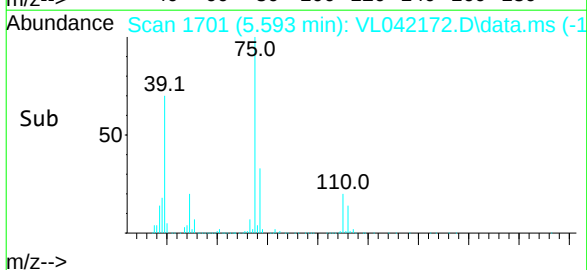
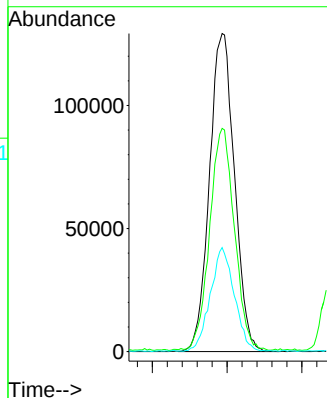
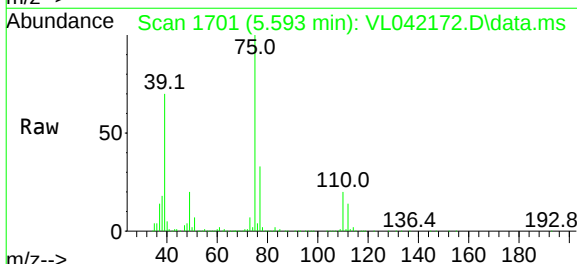
Tgt Ion: 75 Resp: 300021

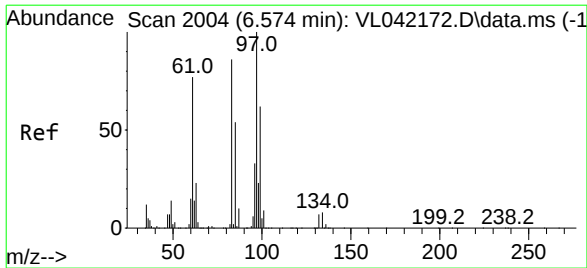
Ion Ratio Lower Upper

75 100

39 69.7 55.8 83.6

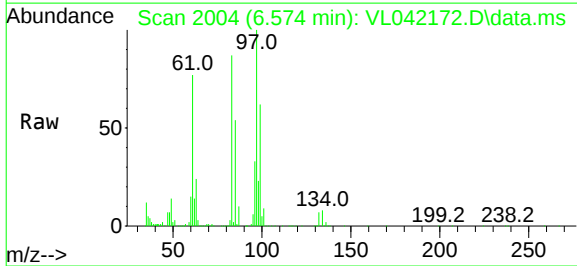
77 32.5 26.0 39.0





#47
1,1,2-Trichloroethane
Concen: 9.526 ppbv
RT: 6.574 min Scan# 2004
Delta R.T. 0.000 min
Lab File: VL042172.D
Acq: 27 Mar 2025 08:26

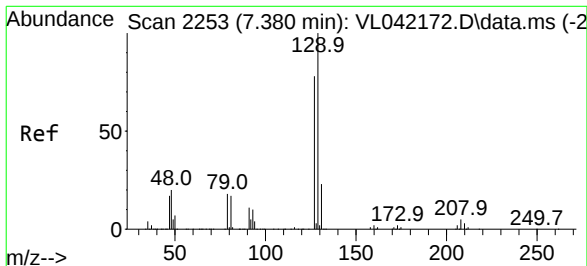
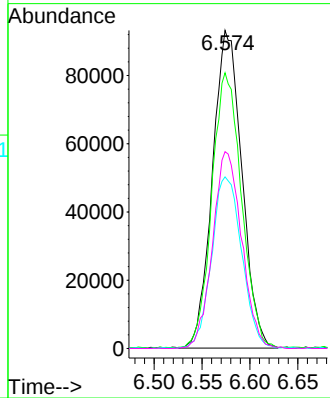
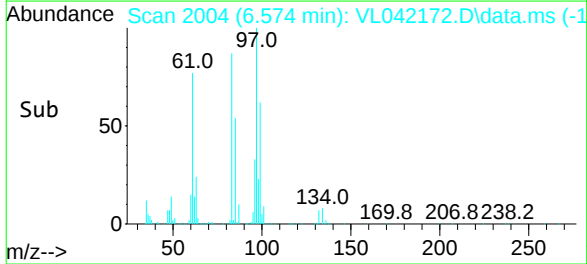
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 97 Resp: 198176
Ion Ratio Lower Upper
97 100
83 86.5 69.2 103.8
85 53.9 43.1 64.7
99 61.8 49.4 74.2

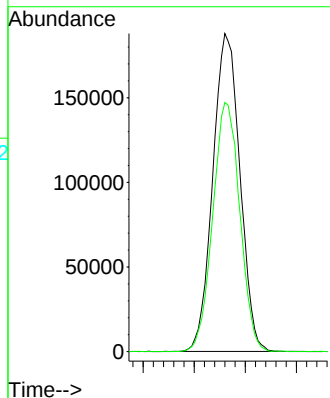
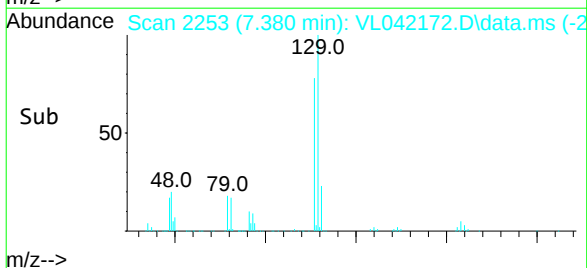
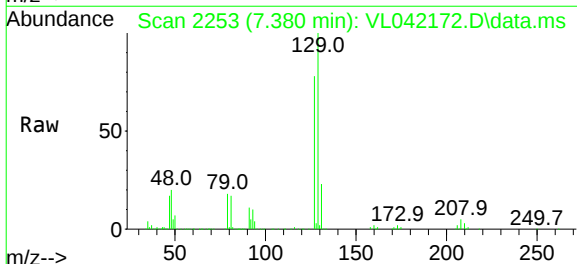
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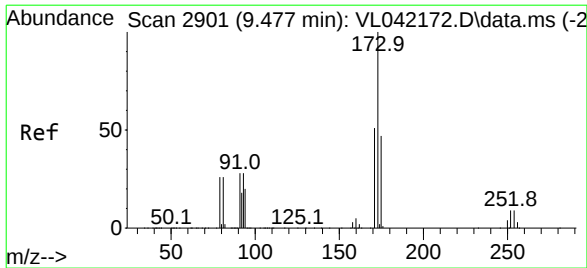
Reviewed By :Semsettin Yesilyurt 03/31/2025
Supervised By :Mahesh Dadoda 04/03/2025



#48
Dibromochloromethane
Concen: 9.828 ppbv
RT: 7.380 min Scan# 2253
Delta R.T. 0.000 min
Lab File: VL042172.D
Acq: 27 Mar 2025 08:26

Tgt Ion:129 Resp: 346499
Ion Ratio Lower Upper
129 100
127 78.1 39.1 117.2





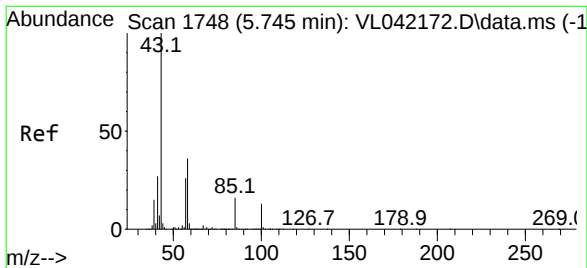
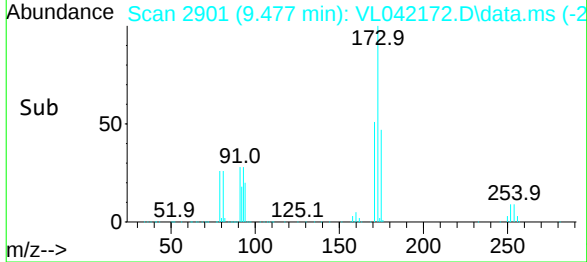
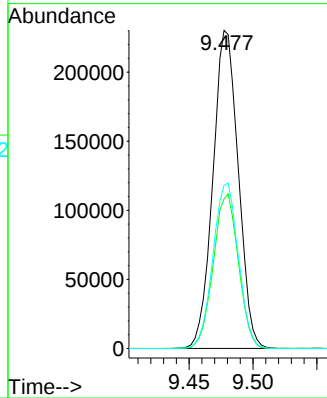
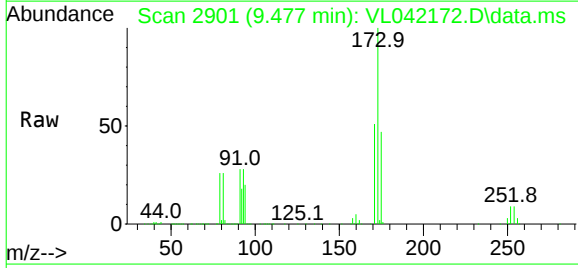
#49
Bromoform
Concen: 10.021 ppbv
RT: 9.477 min Scan# 2901
Delta R.T. 0.000 min
Lab File: VL042172.D
Acq: 27 Mar 2025 08:26

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 173 Resp: 317189
Ion Ratio Lower Upper
173 100
175 48.2 38.6 57.8
171 52.2 41.8 62.6

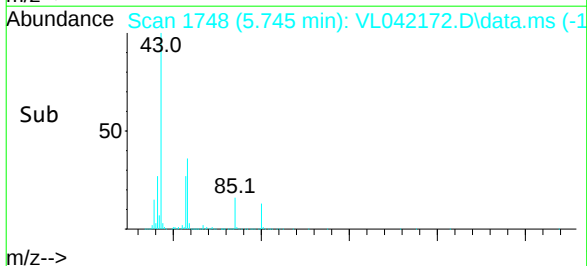
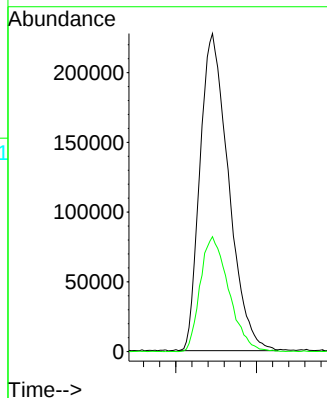
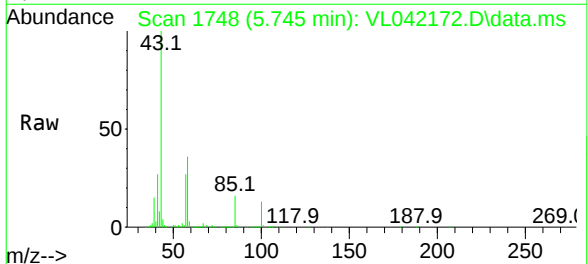
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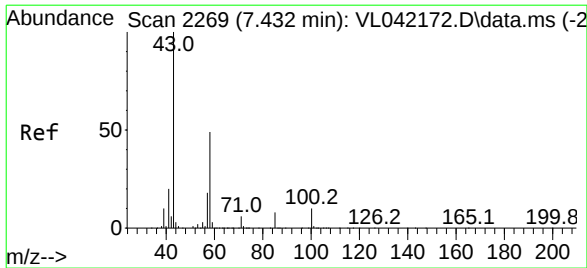
Reviewed By :Semsettin Yesilyurt 03/31/2025
Supervised By :Mahesh Dadoda 04/03/2025



#50
4-Methyl-2-Pentanone
Concen: 8.934 ppbv
RT: 5.745 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VL042172.D
Acq: 27 Mar 2025 08:26

Tgt Ion: 43 Resp: 559800
Ion Ratio Lower Upper
43 100
58 36.3 29.0 43.6





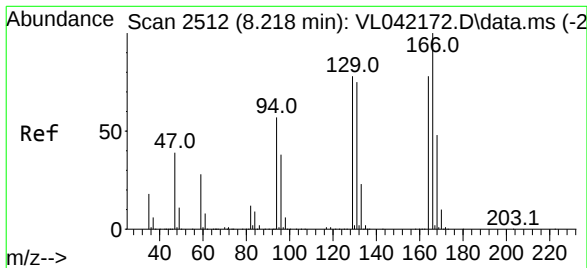
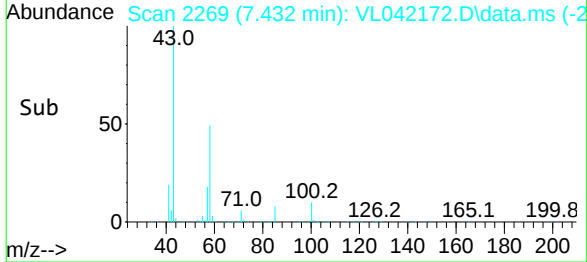
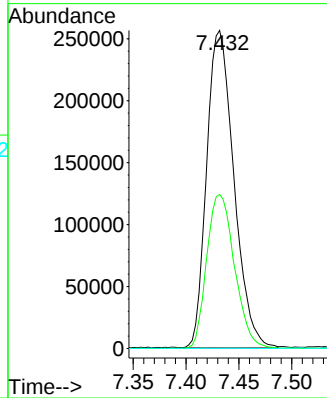
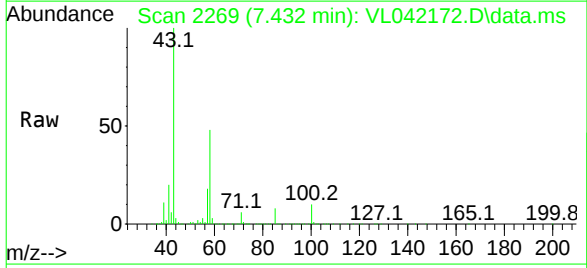
#51
2-Hexanone
Concen: 8.848 ppbv
RT: 7.432 min Scan# 2269
Delta R.T. 0.000 min
Lab File: VL042172.D
Acq: 27 Mar 2025 08:26

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 43 Resp: 460013
Ion Ratio Lower Upper
43 100
58 49.6 39.7 59.5
98 0.1 0.1 0.1

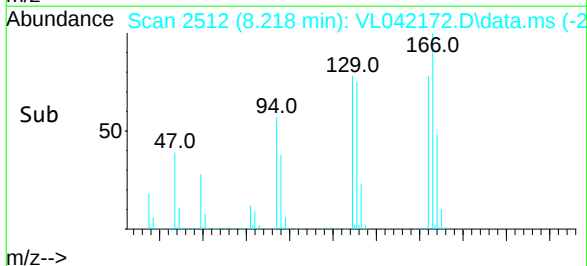
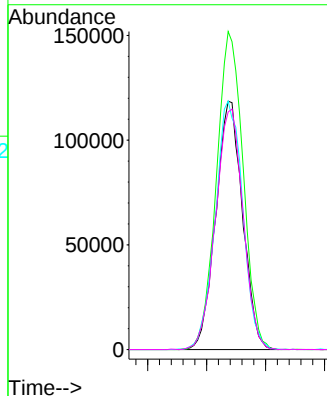
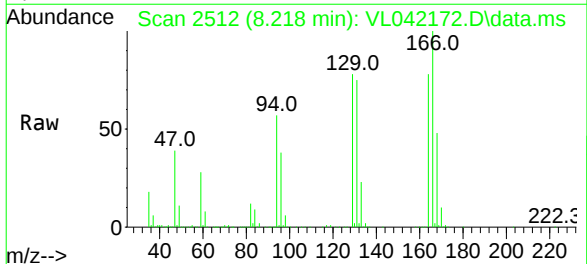
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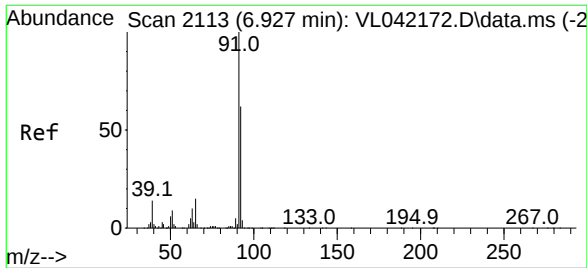
Reviewed By :Semsettin Yesilyurt 03/31/2025
Supervised By :Mahesh Dadoda 04/03/2025



#52
Tetrachloroethene
Concen: 8.722 ppbv
RT: 8.218 min Scan# 2512
Delta R.T. 0.000 min
Lab File: VL042172.D
Acq: 27 Mar 2025 08:26

Tgt Ion:164 Resp: 186912
Ion Ratio Lower Upper
164 100
166 128.1 102.5 153.7
129 99.8 79.8 119.8
131 95.7 76.6 114.8





#53

Toluene

Concen: 9.576 ppbv

RT: 6.927 min Scan# 2113

Delta R.T. 0.000 min

Lab File: VL042172.D

Acq: 27 Mar 2025 08:26

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion: 91 Resp: 613378

Ion Ratio Lower Upper

91 100

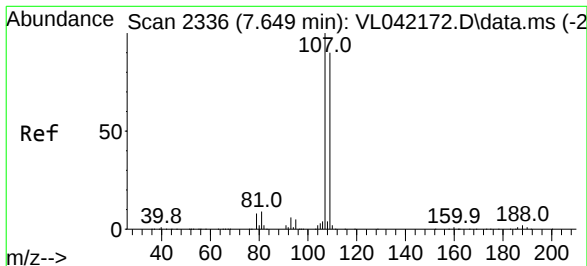
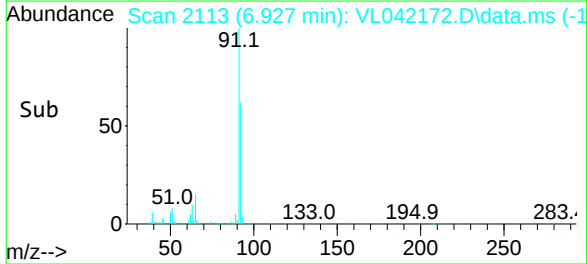
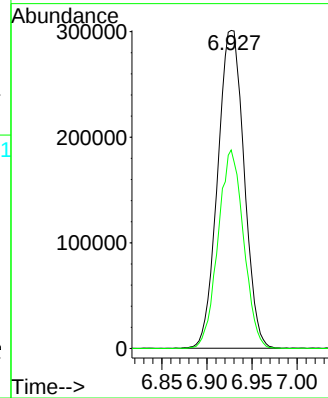
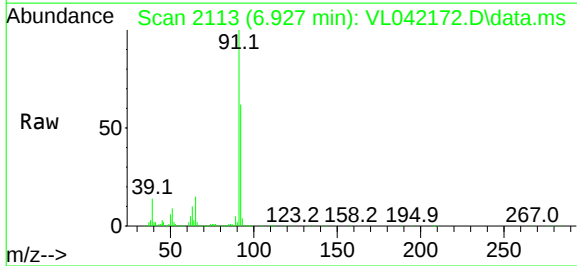
92 60.5 48.4 72.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/31/2025

Supervised By :Mahesh Dadoda 04/03/2025



#54

1,2-Dibromoethane

Concen: 9.536 ppbv

RT: 7.649 min Scan# 2336

Delta R.T. 0.000 min

Lab File: VL042172.D

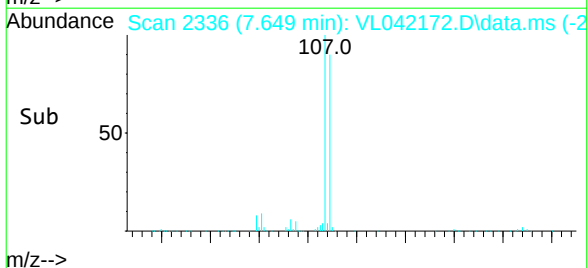
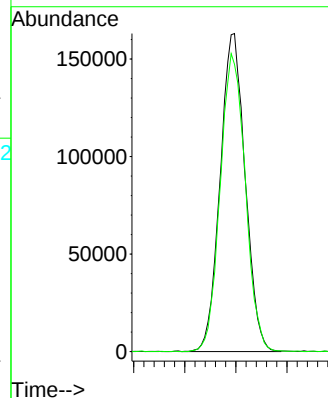
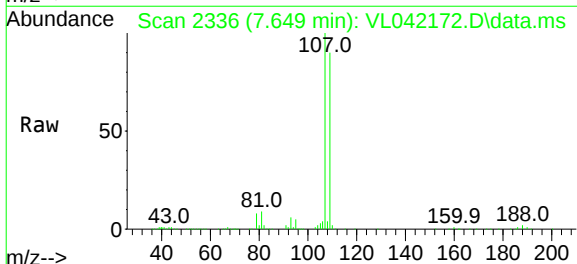
Acq: 27 Mar 2025 08:26

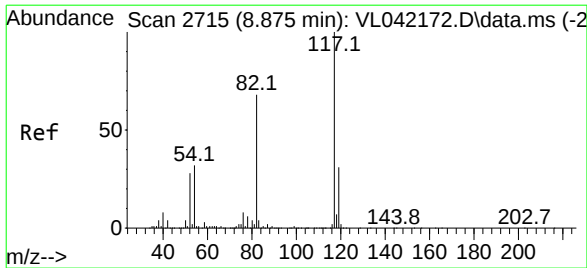
Tgt Ion:107 Resp: 276797

Ion Ratio Lower Upper

107 100

109 90.3 72.2 108.4





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.875 min Scan# 2715

Delta R.T. 0.000 min

Lab File: VL042172.D

Acq: 27 Mar 2025 08:26

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

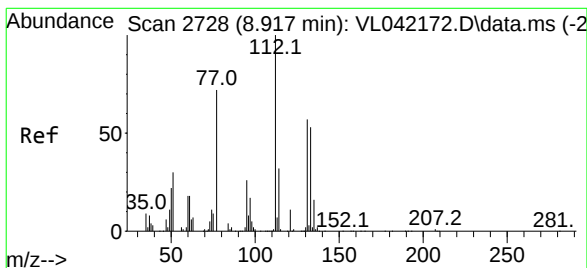
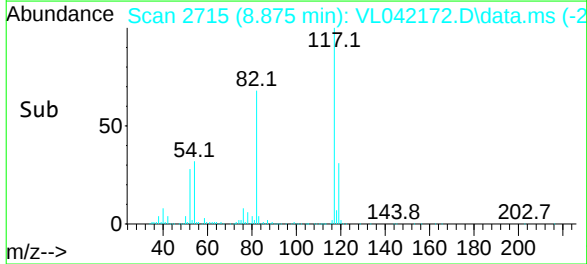
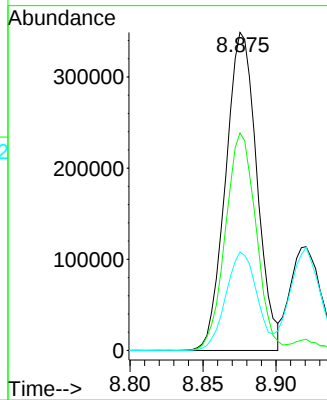
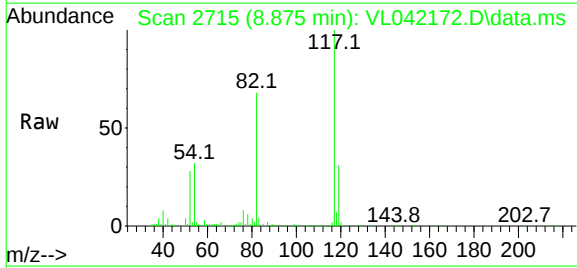
Tgt Ion:117 Resp: 519536

Ion	Ratio	Lower	Upper
117	100		
82	69.7	55.8	83.6
119	31.9	25.5	38.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/31/2025
Supervised By :Mahesh Dadoda 04/03/2025



#56

1,1,1,2-Tetrachloroethane

Concen: 9.268 ppbv

RT: 8.917 min Scan# 2728

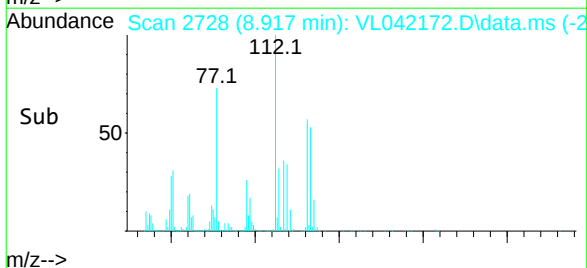
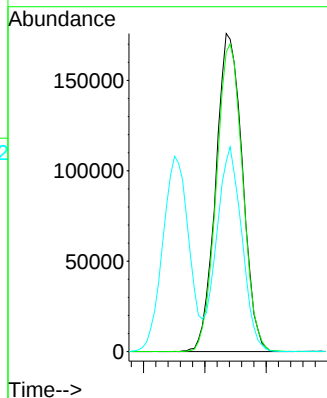
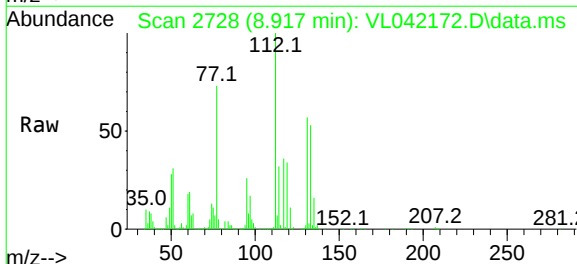
Delta R.T. 0.000 min

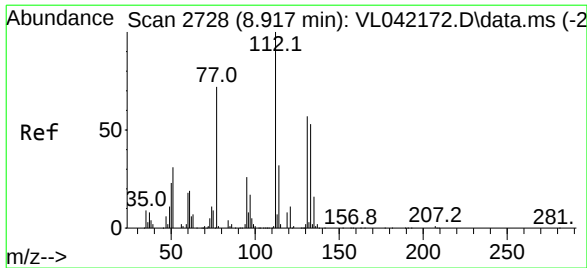
Lab File: VL042172.D

Acq: 27 Mar 2025 08:26

Tgt Ion:131 Resp: 265037

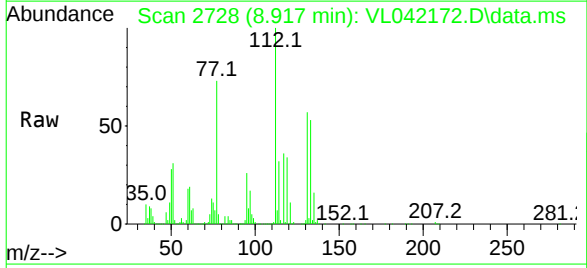
Ion	Ratio	Lower	Upper
131	100		
133	95.7	76.6	114.8
119	62.2	49.8	74.6





#57
Chlorobenzene
Concen: 9.223 ppbv
RT: 8.917 min Scan# 2728
Delta R.T. 0.000 min
Lab File: VL042172.D
Acq: 27 Mar 2025 08:26

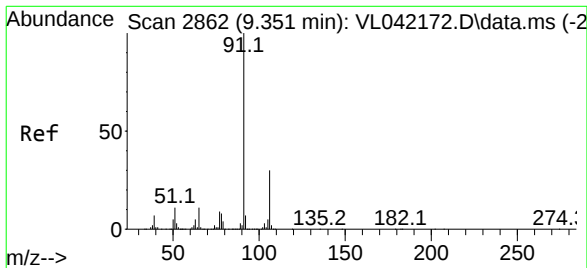
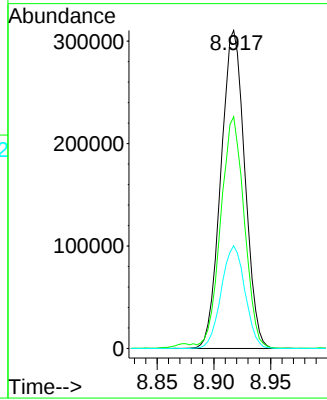
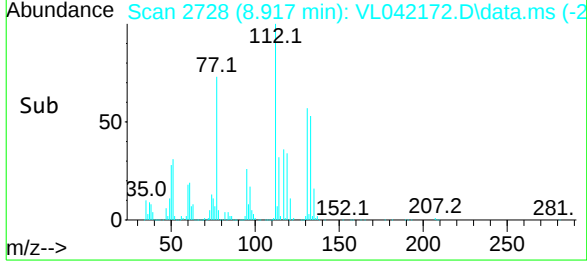
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 112 Resp: 454511
Ion Ratio Lower Upper
112 100
77 72.7 58.2 87.2
114 32.3 29.1 35.5

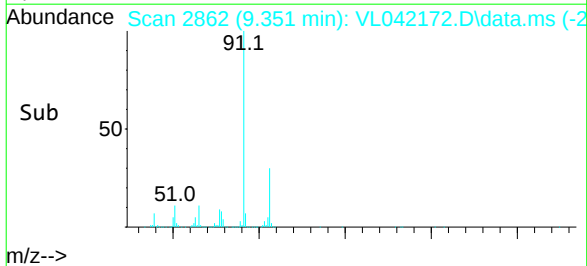
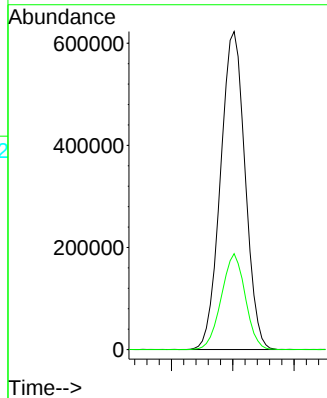
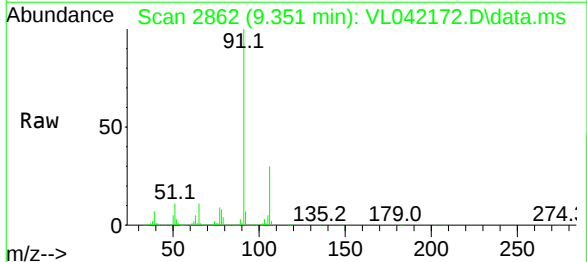
Manual Integrations
APPROVED

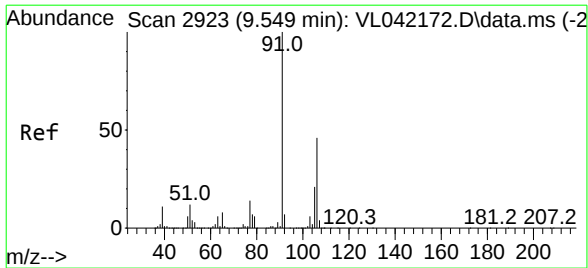
Reviewed By :Semsettin Yesilyurt 03/31/2025
Supervised By :Mahesh Dadoda 04/03/2025



#58
Ethyl Benzene
Concen: 9.406 ppbv
RT: 9.351 min Scan# 2862
Delta R.T. 0.000 min
Lab File: VL042172.D
Acq: 27 Mar 2025 08:26

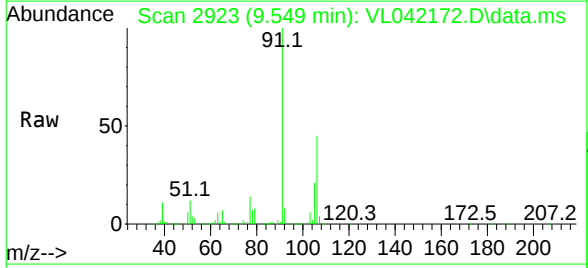
Tgt Ion: 91 Resp: 868003
Ion Ratio Lower Upper
91 100
106 30.2 24.2 36.2





#59
m/p-Xylene
Concen: 18.607 ppbv m
RT: 9.549 min Scan# 29
Delta R.T. 0.000 min
Lab File: VL042172.D
Acq: 27 Mar 2025 08:26

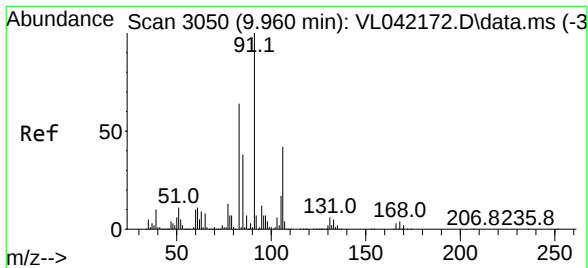
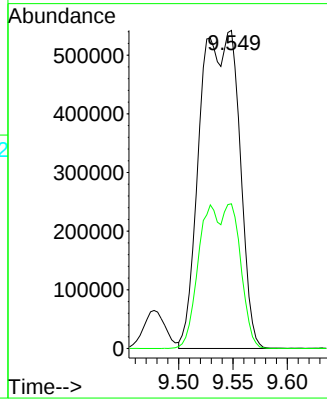
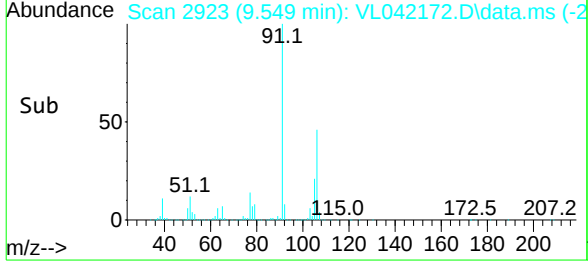
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 91 Resp: 1372806
Ion Ratio Lower Upper
91 100
106 45.5 36.4 54.6

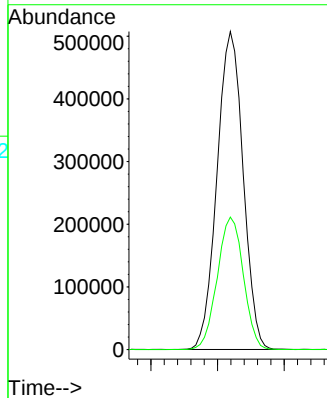
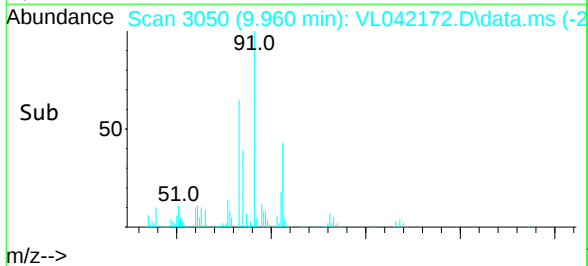
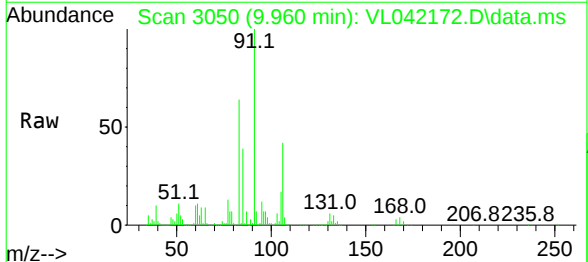
Manual Integrations
APPROVED

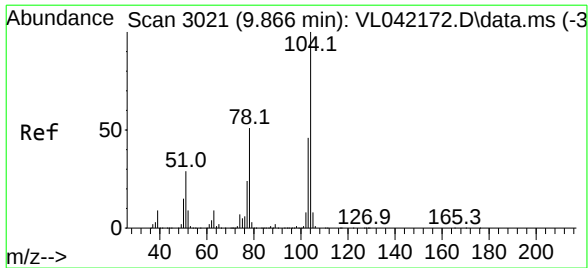
Reviewed By :Semsettin Yesilyurt 03/31/2025
Supervised By :Mahesh Dadoda 04/03/2025



#60
o-Xylene
Concen: 9.340 ppbv
RT: 9.960 min Scan# 3050
Delta R.T. 0.000 min
Lab File: VL042172.D
Acq: 27 Mar 2025 08:26

Tgt Ion: 91 Resp: 689933
Ion Ratio Lower Upper
91 100
106 41.7 20.8 62.5





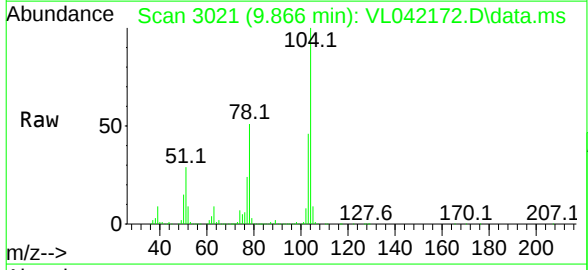
#61
 Styrene
 Concen: 9.706 ppbv
 RT: 9.866 min Scan# 3021
 Delta R.T. 0.000 min
 Lab File: VL042172.D
 Acq: 27 Mar 2025 08:26

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010



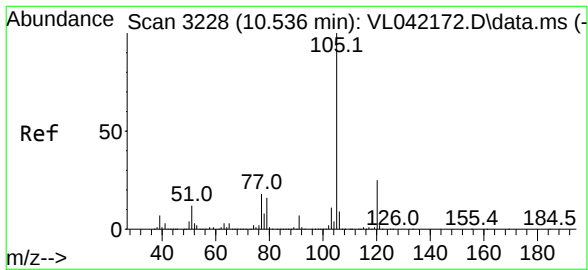
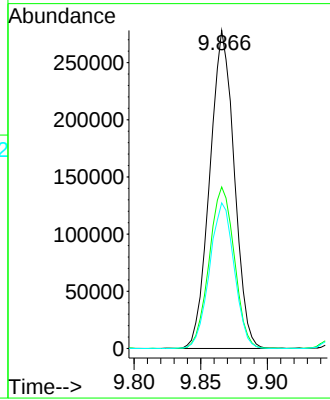
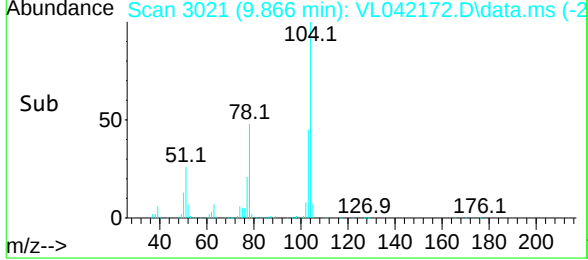
Tgt Ion:104 Resp: 354697

Ion	Ratio	Lower	Upper
104	100		
78	52.2	41.8	62.6
103	46.2	37.0	55.4

Manual Integrations

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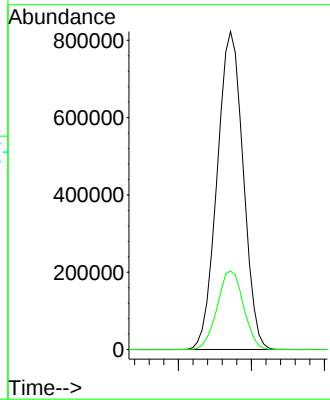
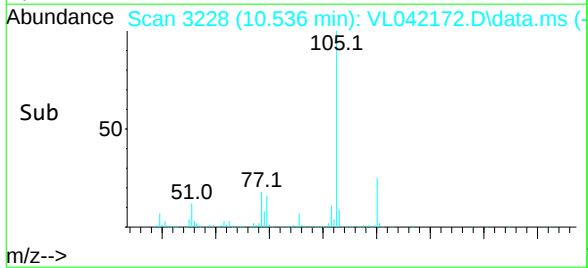
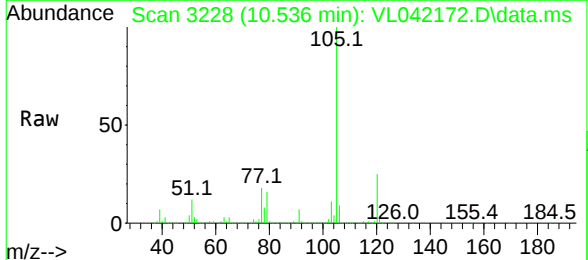
Reviewed By :Semsettin Yesilyurt 03/31/2025
 Supervised By :Mahesh Dadoda 04/03/2025

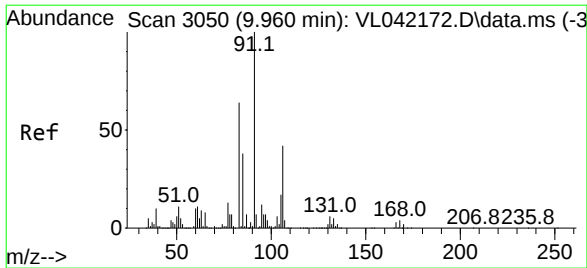


#62
 Isopropylbenzene
 Concen: 9.227 ppbv
 RT: 10.536 min Scan# 3228
 Delta R.T. 0.000 min
 Lab File: VL042172.D
 Acq: 27 Mar 2025 08:26

Tgt Ion:105 Resp: 1019255

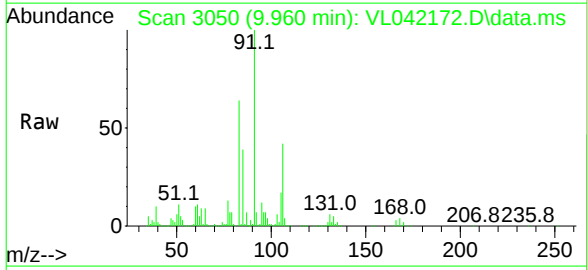
Ion	Ratio	Lower	Upper
105	100		
120	24.9	19.9	29.9





#63
1,1,2,2-Tetrachloroethane
Concen: 9.210 ppbv
RT: 9.960 min Scan# 3050
Delta R.T. 0.000 min
Lab File: VL042172.D
Acq: 27 Mar 2025 08:26

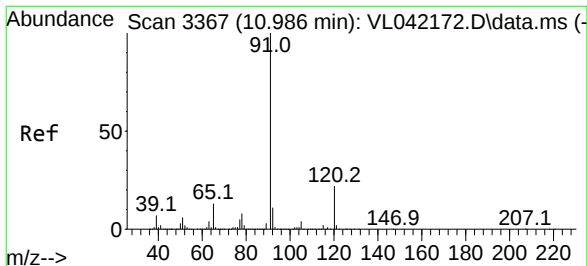
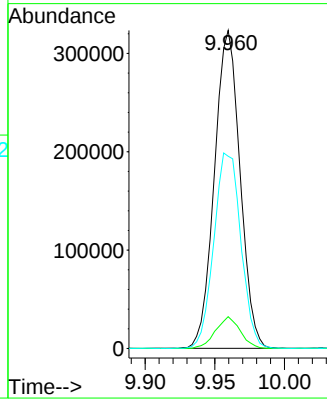
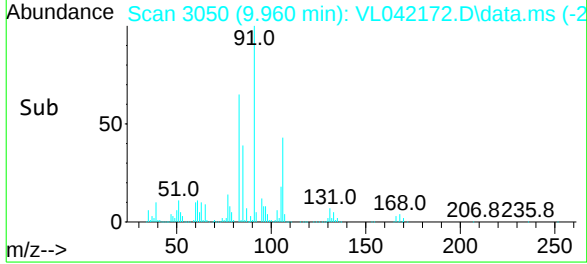
Instrument :
MSVOA_1
ClientSampleId :
VSTDICCC010



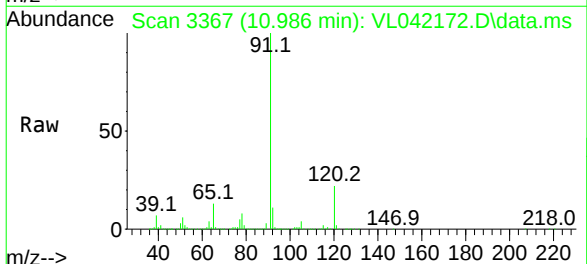
Tgt Ion: 83 Resp: 413392
Ion Ratio Lower Upper
83 100
131 9.6 4.8 14.4
85 65.0 32.5 97.5

Manual Integrations
APPROVED

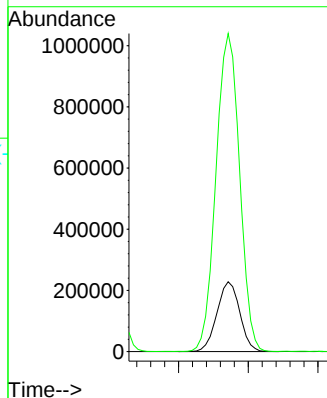
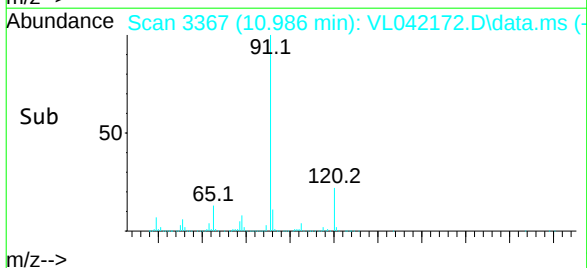
Reviewed By :Semsettin Yesilyurt 03/31/2025
Supervised By :Mahesh Dadoda 04/03/2025

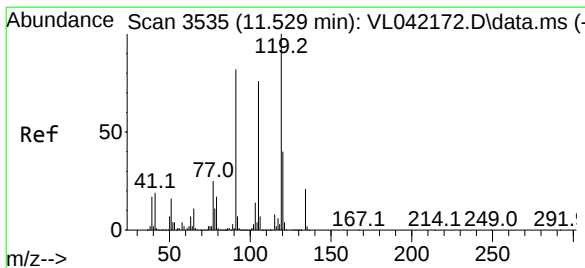


#64
n-propylbenzene
Concen: 9.122 ppbv
RT: 10.986 min Scan# 3367
Delta R.T. 0.000 min
Lab File: VL042172.D
Acq: 27 Mar 2025 08:26



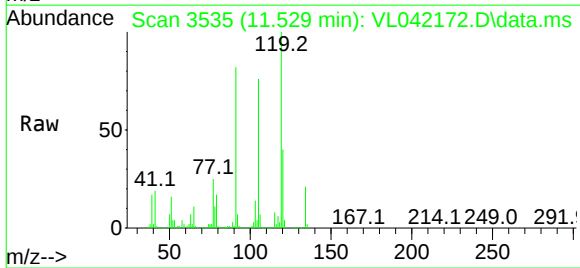
Tgt Ion:120 Resp: 259405
Ion Ratio Lower Upper
120 100
91 471.1 376.9 565.3





#65
tert-Butylbenzene
Concen: 8.828 ppbv
RT: 11.529 min Scan# 3535
Delta R.T. 0.000 min
Lab File: VL042172.D
Acq: 27 Mar 2025 08:26

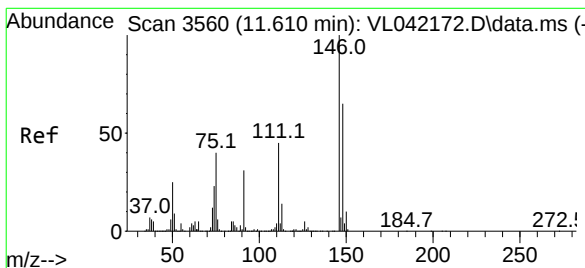
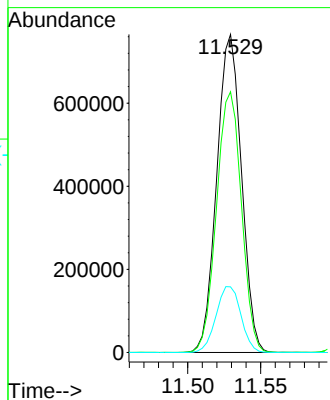
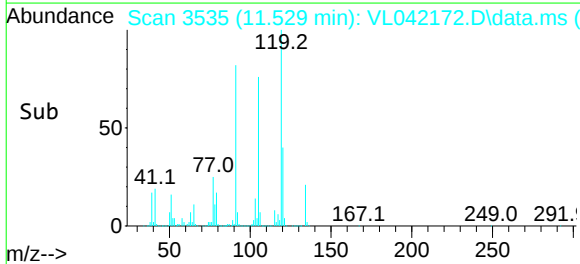
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 119 Resp: 901951
Ion Ratio Lower Upper
119 100
91 82.5 66.0 99.0
134 20.9 16.7 25.1

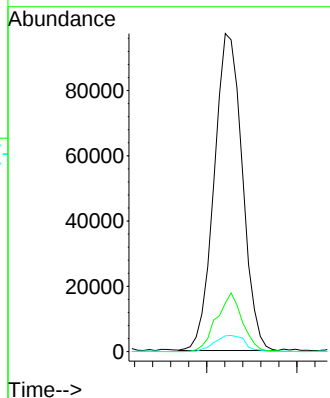
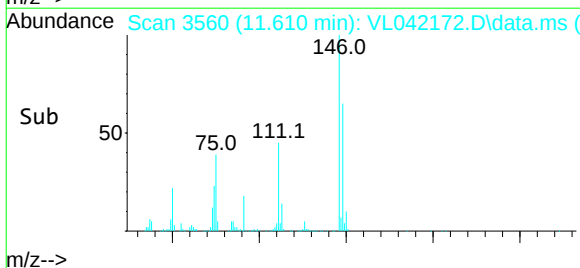
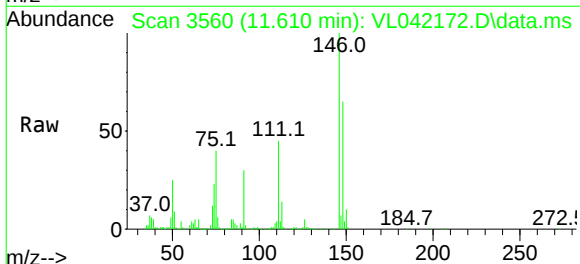
Manual Integrations
APPROVED

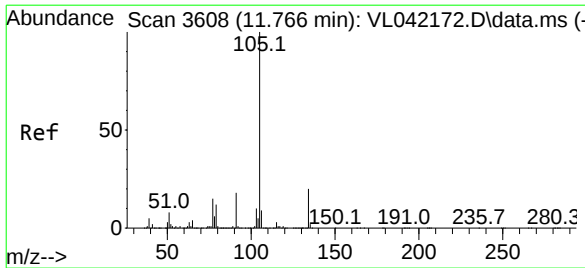
Reviewed By :Semsettin Yesilyurt 03/31/2025
Supervised By :Mahesh Dadoda 04/03/2025



#66
Benzyl Chloride
Concen: 9.724 ppbv
RT: 11.610 min Scan# 3560
Delta R.T. 0.000 min
Lab File: VL042172.D
Acq: 27 Mar 2025 08:26

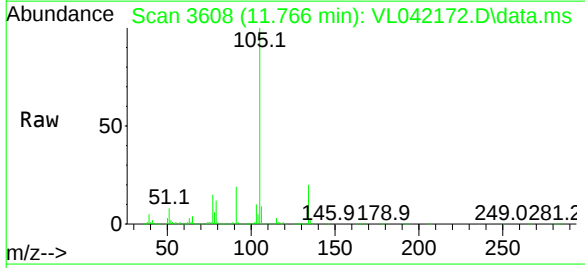
Tgt Ion: 91 Resp: 105411
Ion Ratio Lower Upper
91 100
126 17.2 13.8 20.6
128 5.6 4.5 6.7





#67
 sec-Butylbenzene
 Concen: 8.796 ppbv
 RT: 11.766 min Scan# 3608
 Delta R.T. 0.000 min
 Lab File: VL042172.D
 Acq: 27 Mar 2025 08:26

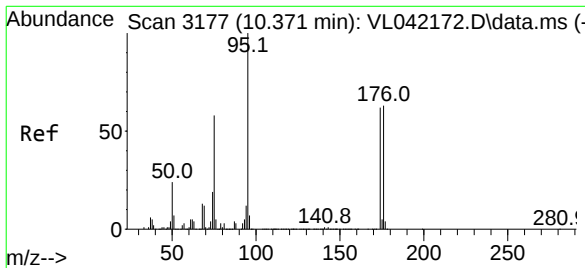
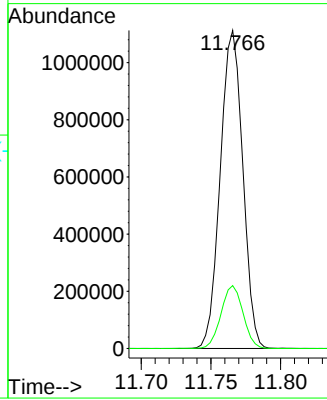
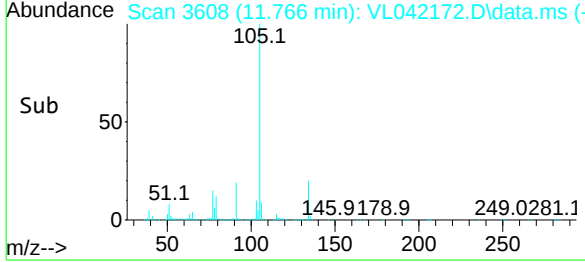
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



Tgt Ion: 105 Resp: 1249106
 Ion Ratio Lower Upper
 105 100
 134 19.4 15.5 23.3

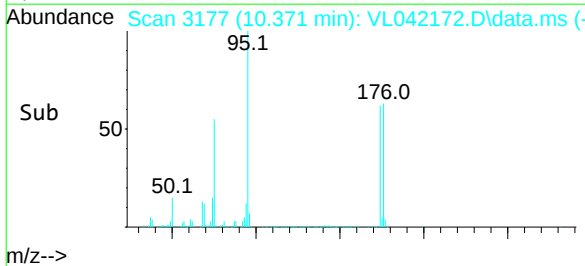
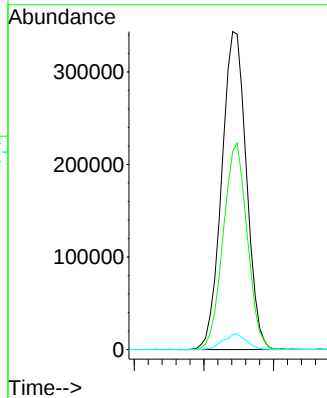
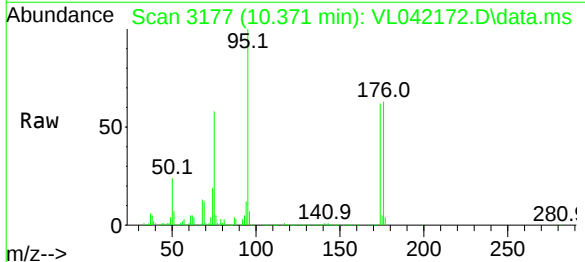
Manual Integrations
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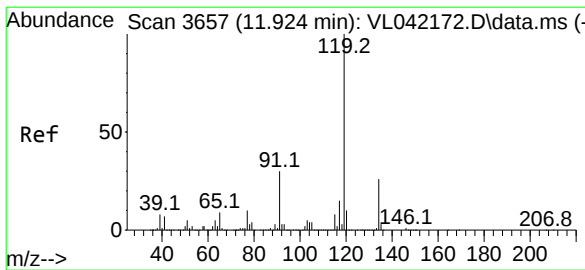
Reviewed By : Semsettin Yesilyurt 03/31/2025
 Supervised By : Mahesh Dadoda 04/03/2025



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.901 ppbv
 RT: 10.371 min Scan# 3177
 Delta R.T. 0.000 min
 Lab File: VL042172.D
 Acq: 27 Mar 2025 08:26

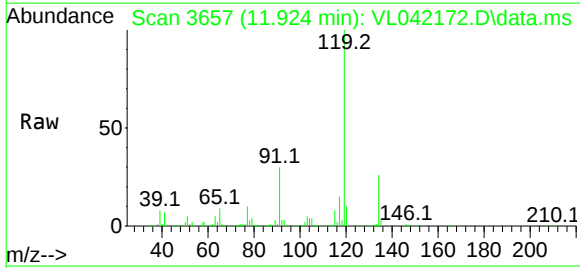
Tgt Ion: 95 Resp: 422410
 Ion Ratio Lower Upper
 95 100
 174 63.3 50.6 76.0
 175 4.7 3.8 5.6





#69
p-Isopropyltoluene
Concen: 8.830 ppbv
RT: 11.924 min Scan# 3657
Delta R.T. 0.000 min
Lab File: VL042172.D
Acq: 27 Mar 2025 08:26

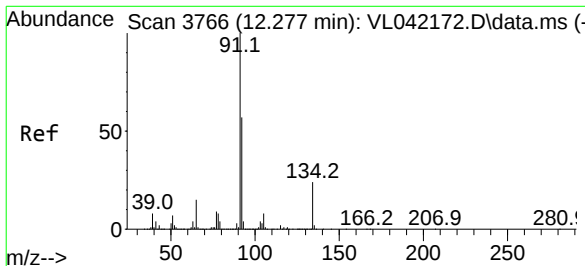
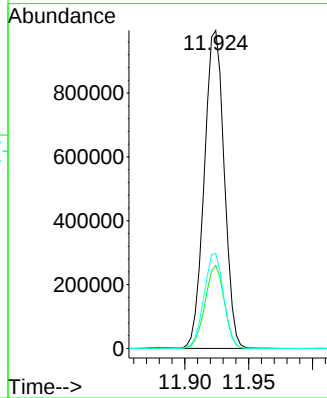
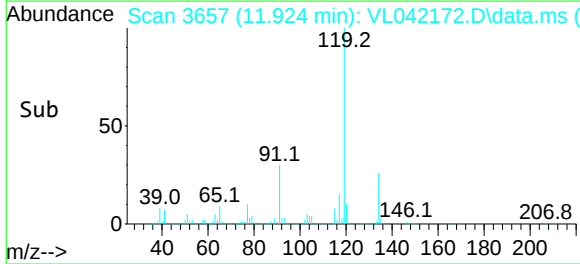
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 119 Resp: 1079675
Ion Ratio Lower Upper
119 100
134 25.5 20.4 30.6
91 29.6 23.7 35.5

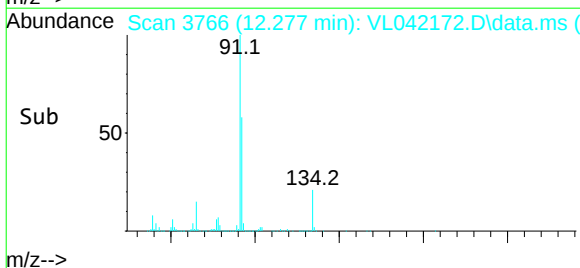
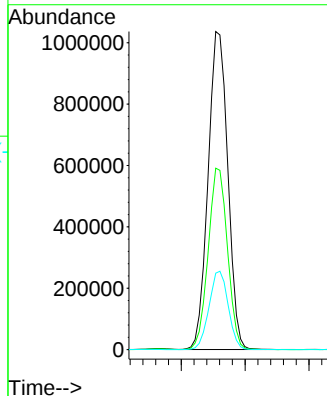
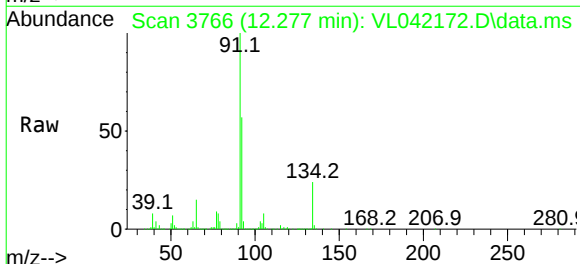
Manual Integrations
APPROVED

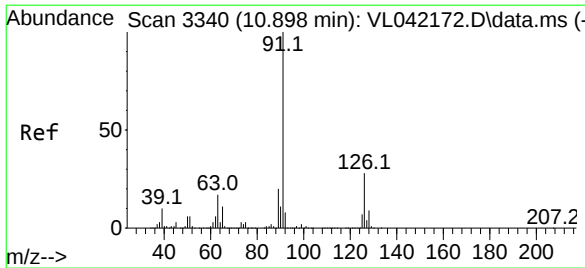
Reviewed By :Semsettin Yesilyurt 03/31/2025
Supervised By :Mahesh Dadoda 04/03/2025



#70
n-Butylbenzene
Concen: 8.879 ppbv
RT: 12.277 min Scan# 3766
Delta R.T. 0.000 min
Lab File: VL042172.D
Acq: 27 Mar 2025 08:26

Tgt Ion: 91 Resp: 1110351
Ion Ratio Lower Upper
91 100
92 56.1 44.9 67.3
134 24.0 19.2 28.8





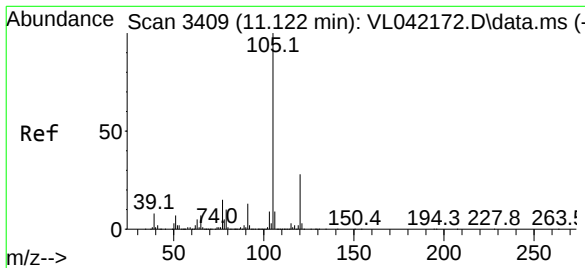
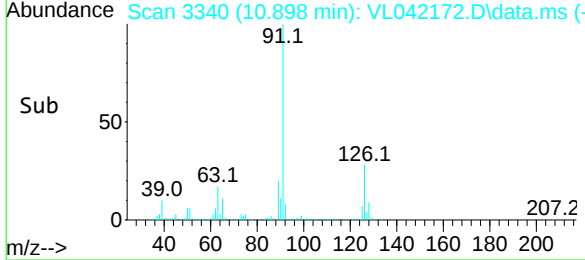
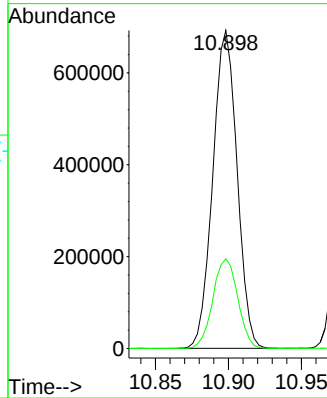
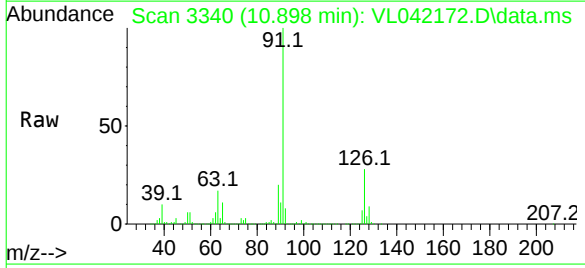
#71
2-Chlorotoluene
Concen: 9.320 ppbv
RT: 10.898 min Scan# 3340
Delta R.T. 0.000 min
Lab File: VL042172.D
Acq: 27 Mar 2025 08:26

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 91 Resp: 799102
Ion Ratio Lower Upper
91 100
126 29.0 11.6 46.4

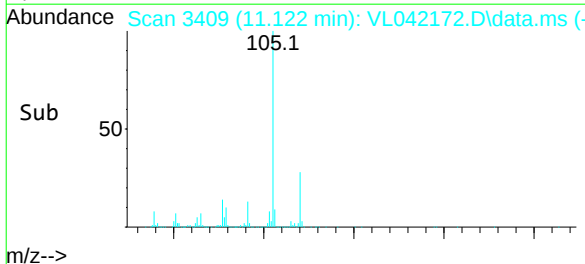
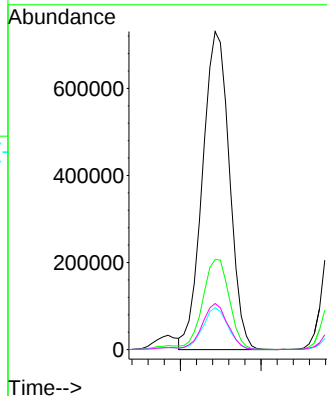
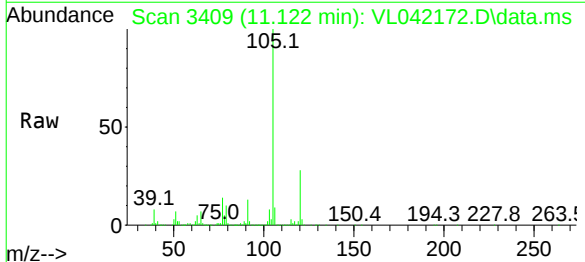
Manual Integrations
APPROVED

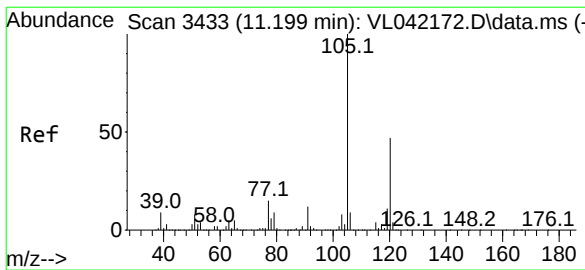
Reviewed By :Semsettin Yesilyurt 03/31/2025
Supervised By :Mahesh Dadoda 04/03/2025



#72
4-Ethyltoluene
Concen: 9.200 ppbv
RT: 11.122 min Scan# 3409
Delta R.T. 0.000 min
Lab File: VL042172.D
Acq: 27 Mar 2025 08:26

Tgt Ion:105 Resp: 846232
Ion Ratio Lower Upper
105 100
120 29.2 23.4 35.0
91 12.9 10.3 15.5
77 14.3 11.4 17.2





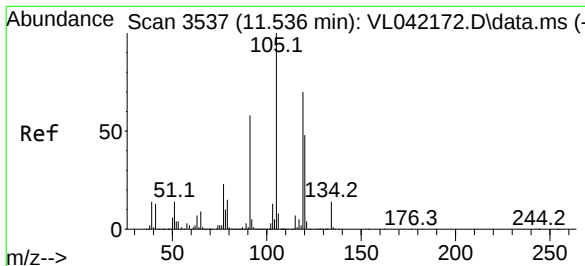
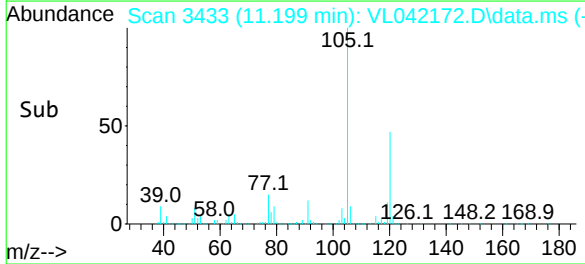
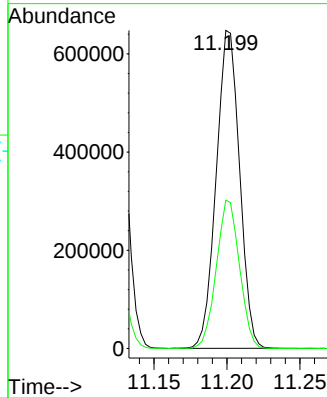
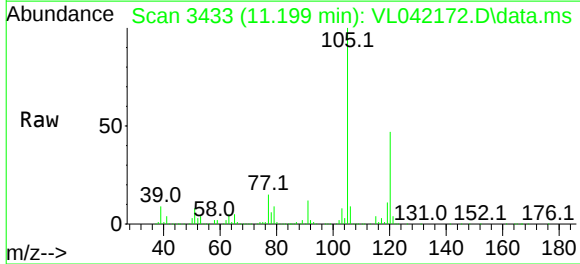
#73
1,3,5-Trimethylbenzene
Concen: 8.970 ppbv
RT: 11.199 min Scan# 3433
Delta R.T. 0.000 min
Lab File: VL042172.D
Acq: 27 Mar 2025 08:26

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:105 Resp: 720566
Ion Ratio Lower Upper
105 100
120 46.7 37.4 56.0

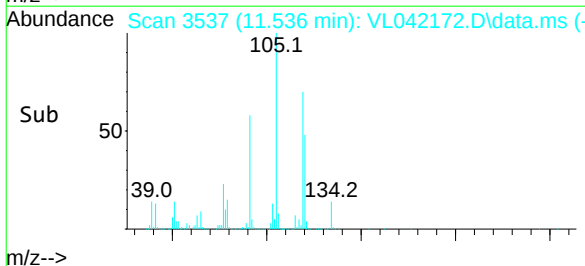
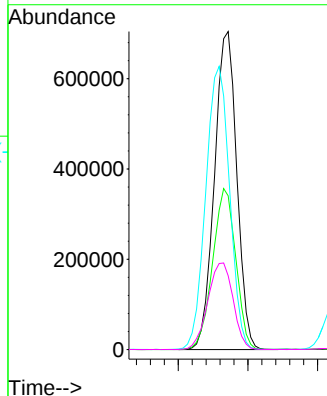
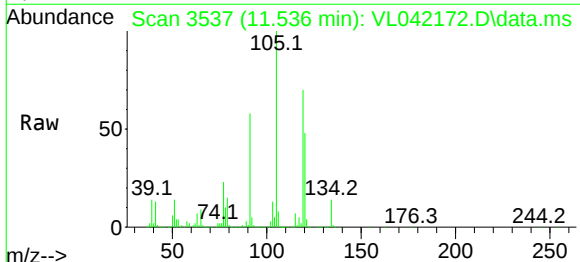
Manual Integrations
APPROVED

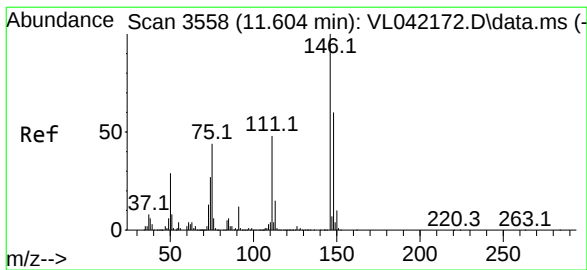
Reviewed By :Semsettin Yesilyurt 03/31/2025
Supervised By :Mahesh Dadoda 04/03/2025



#74
1,2,4-Trimethylbenzene
Concen: 8.480 ppbv
RT: 11.536 min Scan# 3537
Delta R.T. 0.000 min
Lab File: VL042172.D
Acq: 27 Mar 2025 08:26

Tgt Ion:105 Resp: 784745
Ion Ratio Lower Upper
105 100
120 48.3 38.6 58.0
91 57.7 46.2 69.2
77 23.2 18.6 27.8





#75

1,3-Dichlorobenzene

Concen: 9.028 ppbv

RT: 11.604 min Scan# 3558

Delta R.T. 0.000 min

Lab File: VL042172.D

Acq: 27 Mar 2025 08:26

Instrument :

MSVOA_L

ClientSampleId :

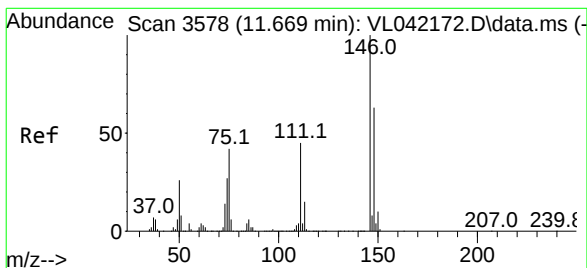
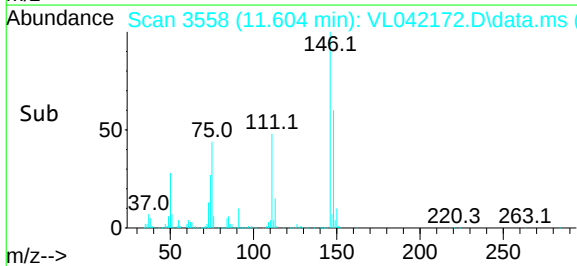
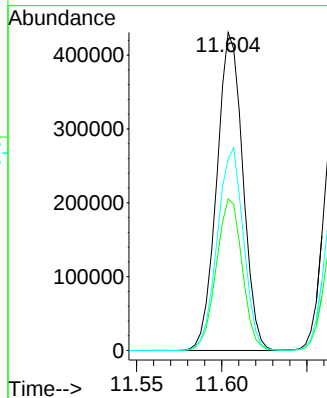
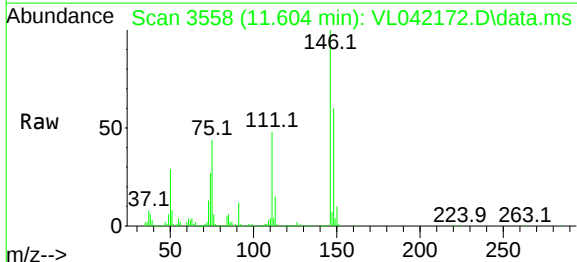
VSTDICCC010

Tgt Ion:	146	Resp:	458226
Ion Ratio	Lower	Upper	
146	100		
111	47.5	23.8	71.2
148	63.9	31.9	95.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/31/2025
Supervised By :Mahesh Dadoda 04/03/2025



#76

1,4-Dichlorobenzene

Concen: 9.134 ppbv

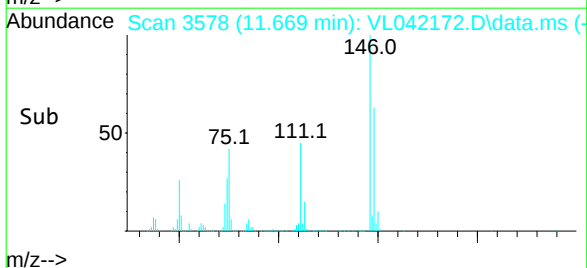
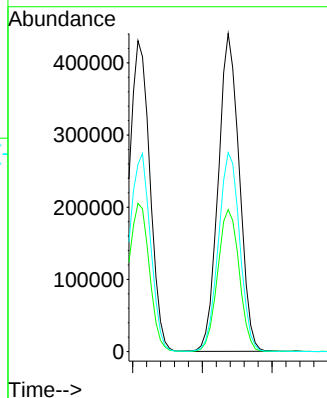
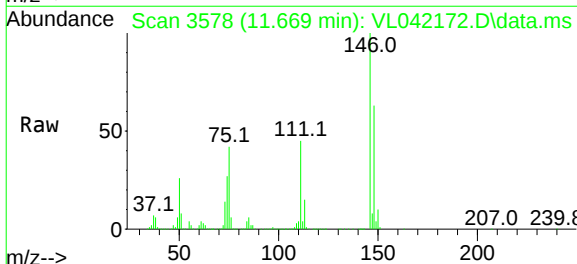
RT: 11.669 min Scan# 3578

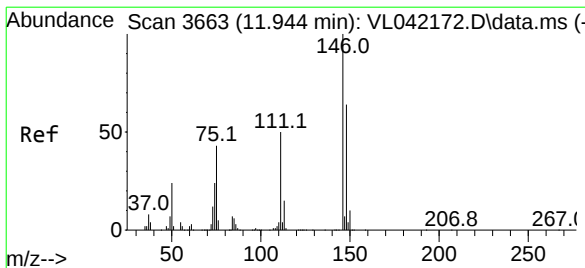
Delta R.T. 0.000 min

Lab File: VL042172.D

Acq: 27 Mar 2025 08:26

Tgt Ion:	146	Resp:	461371
Ion Ratio	Lower	Upper	
146	100		
111	46.0	23.0	69.0
148	63.8	31.9	95.7





#77

1,2-Dichlorobenzene

Concen: 8.933 ppbv

RT: 11.944 min Scan# 3663

Delta R.T. 0.000 min

Lab File: VL042172.D

Acq: 27 Mar 2025 08:26

Instrument :

MSVOA_L

ClientSampleId :

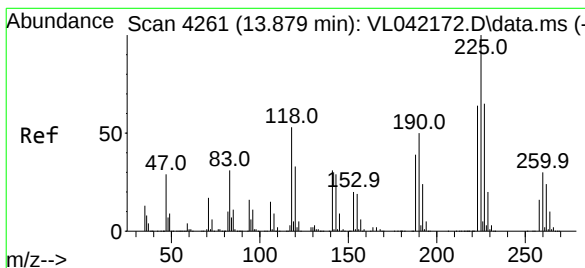
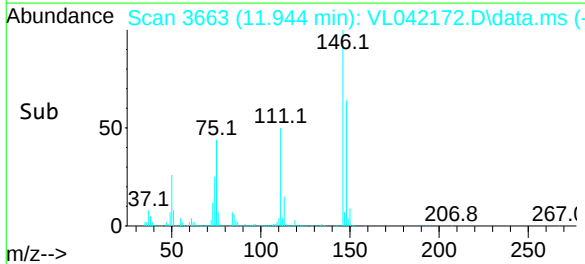
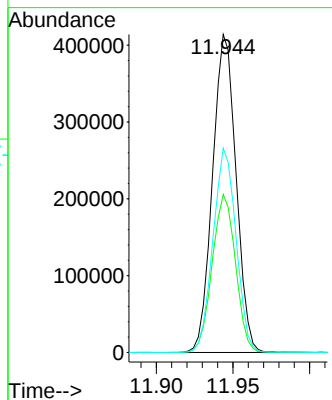
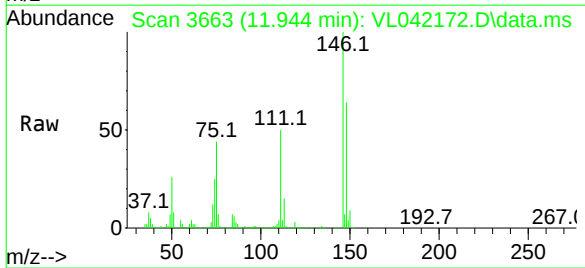
VSTDICCC010

Tgt Ion:	146	Resp:	441473
Ion Ratio	Lower	Upper	
146	100		
111	49.5	24.8	74.3
148	63.2	31.6	94.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/31/2025
Supervised By :Mahesh Dadoda 04/03/2025



#78

Hexachloro-1,3-Butadiene

Concen: 8.284 ppbv

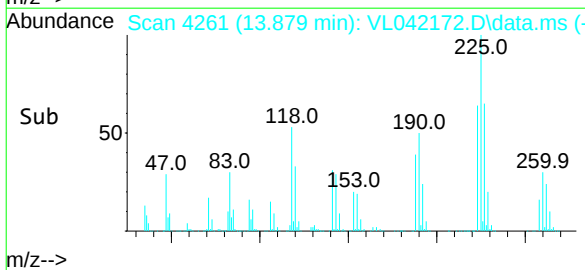
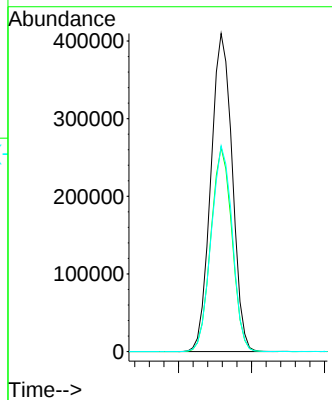
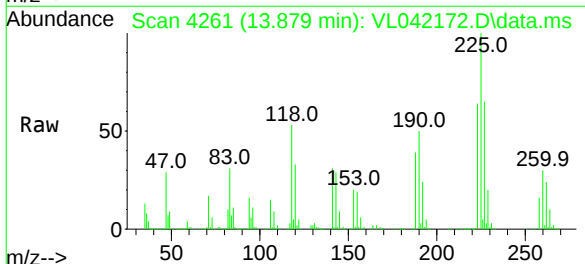
RT: 13.879 min Scan# 4261

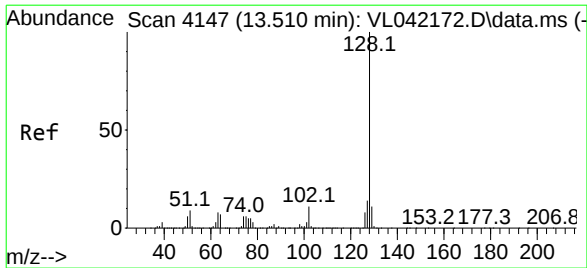
Delta R.T. 0.000 min

Lab File: VL042172.D

Acq: 27 Mar 2025 08:26

Tgt Ion:	225	Resp:	416735
Ion Ratio	Lower	Upper	
225	100		
223	63.3	50.6	76.0
227	64.0	51.2	76.8





#79

Naphthalene

Concen: 9.271 ppbv

RT: 13.510 min Scan# 4147

Delta R.T. 0.000 min

Lab File: VL042172.D

Acq: 27 Mar 2025 08:26

Instrument :

MSVOA_L

ClientSampleId :

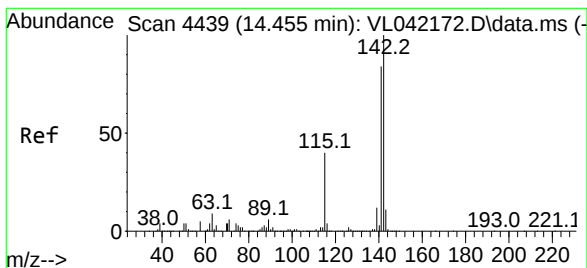
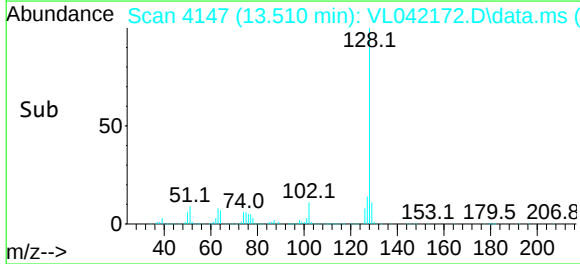
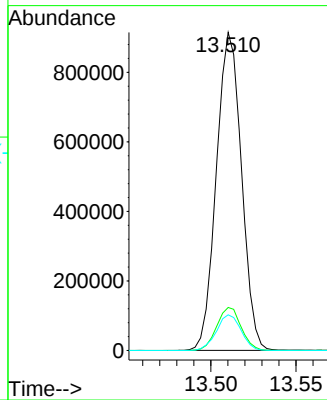
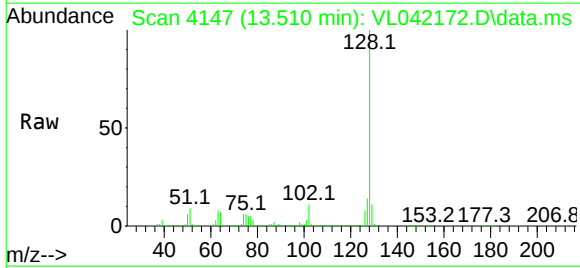
VSTDICCC010

Tgt Ion:	128	Resp:	938476
Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.8	16.2
129	11.2	9.0	13.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/31/2025
Supervised By :Mahesh Dadoda 04/03/2025



#80

Naphthalene,2-methyl-

Concen: 10.436 ppbv

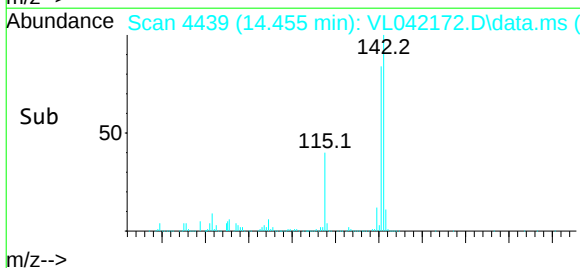
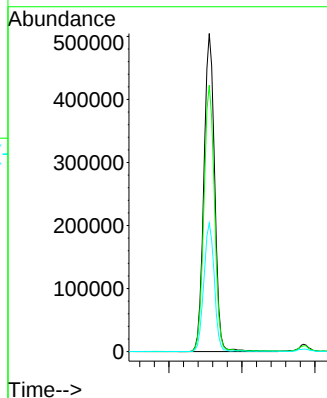
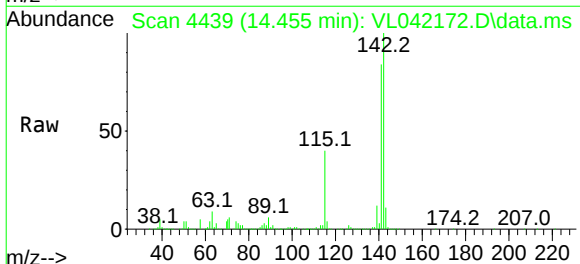
RT: 14.455 min Scan# 4439

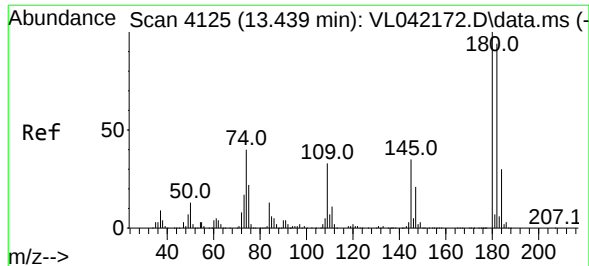
Delta R.T. 0.000 min

Lab File: VL042172.D

Acq: 27 Mar 2025 08:26

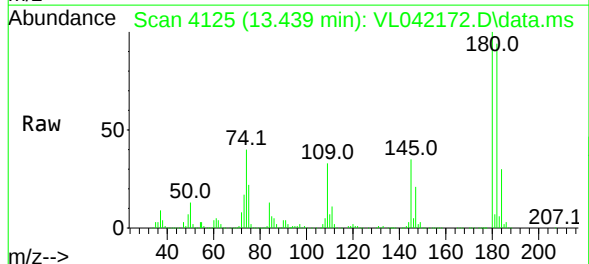
Tgt Ion:	142	Resp:	514394
Ion	Ratio	Lower	Upper
142	100		
141	82.9	66.3	99.5
115	39.5	31.6	47.4





#81
1,2,4-Trichlorobenzene
Concen: 9.561 ppbv
RT: 13.439 min Scan# 41
Delta R.T. 0.000 min
Lab File: VL042172.D
Acq: 27 Mar 2025 08:26

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion:180 Resp: 446420
Ion Ratio Lower Upper
180 100
182 93.9 75.1 112.7
184 30.5 24.4 36.6

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 03/31/2025
Supervised By :Mahesh Dadoda 04/03/2025

