

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041025\
 Data File : VL042300.D
 Acq On : 10 Apr 2025 09:27
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Quant Time: Apr 11 01:54:45 2025

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

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

QLast Update : Fri Mar 28 02:00:52 2025

Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 04/11/2025
 Supervised By : Mahesh Dadoda 04/11/2025

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

Internal Standards						
1) Bromochloromethane	2.781	49	178247	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.952	114	448439	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.875	117	388079	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.370	95	315861	9.911	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.100%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.496	85	256858	9.760	ppbv	99
3) Chlorodifluoromethane	1.473	51	283366	10.540	ppbv	98
4) Chloromethane	1.531	50	106741	9.924	ppbv	98
5) Vinyl Chloride	1.576	62	95961	8.419	ppbv	96
6) Bromomethane	1.664	94	46181	9.475	ppbv	98
7) Chloroethane	1.699	64	40193	9.310	ppbv	95
8) Dichlorotetrafluoroethane	1.551	85	218294	9.740	ppbv	94
9) Propene	1.483	41	109223	8.863	ppbv	100
10) Heptane	4.972	43	324095	9.887	ppbv	98
11) Trichlorofluoromethane	1.874	101	247687	9.672	ppbv	99
12) 1,1,2-Trichlorotrifluo...	2.136	101	202744	9.632	ppbv	98
13) Ethanol	1.716	45	4951	4.250	ppbv	90
14) Bromoethene	1.777	108	71256	8.837	ppbv	97
15) Acetone	1.832	43	223555	8.968	ppbv	97
16) 1,3-Butadiene	1.606	39	109334	8.981	ppbv	96
17) tert-Butyl alcohol	2.036	59	251167	8.089	ppbv	99
18) 1,1-Dichloroethene	2.030	96	84843	8.622	ppbv	95
19) Isopropyl Alcohol	1.884	45	121282	8.623	ppbv	93
20) Methylene Chloride	2.056	84	78454	8.450	ppbv	96
21) Allyl Chloride	2.091	41	160287	9.117	ppbv	97
22) trans-1,2-Dichloroethene	2.337	96	100830	8.866	ppbv	97
23) Vinyl Acetate	2.457	43	87054	8.068	ppbv	98
24) 1,1-Dichloroethane	2.405	63	207493	9.842	ppbv	99
25) Ethyl Acetate	2.829	43	648989	10.031	ppbv	99
26) Hexane	2.819	57	242802	9.715	ppbv	95
27) Carbon Disulfide	2.146	76	246850	9.211	ppbv	97
28) Methyl tert-Butyl Ether	2.434	73	123776	7.955	ppbv	95
29) Chloroform	2.842	83	384275	10.507	ppbv	98
30) Cyclohexane	3.849	84	195121	8.992	ppbv	97
31) cis-1,2-Dichloroethene	2.716	61	230708	9.093	ppbv	98
32) 1,1,1-Trichloroethane	3.360	97	374626	8.947	ppbv	97
34) 2-Butanone	2.554	43	358677	11.030	ppbv	98
35) Carbon Tetrachloride	3.755	117	392632	11.208	ppbv	98
36) Benzene	3.648	78	478185	10.756	ppbv	98
37) 1,2-Dichloroethane	3.211	62	286987	11.276	ppbv	100
38) Trichloroethene	4.538	130	195692	10.550	ppbv	97
39) 1,2-Dichloropropane	4.305	63	177013	10.933	ppbv	93
40) 1,4-Dioxane	4.574	88	82234	9.570	ppbv #	96
41) Tetrahydrofuran	3.049	42	203688	10.878	ppbv	93
42) Bromodichloromethane	4.480	83	403381	11.496	ppbv	98
43) Methyl Methacrylate	4.871	69	174371	9.265	ppbv	97
44) 2,2,4-Trimethylpentane	4.629	57	854163	11.369	ppbv	97
45) t-1,3-Dichloropropene	6.406	75	165013	8.172	ppbv	94

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Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 04/11/2025
 Supervised By :Mahesh Dadoda 04/11/2025

Quant Time: Apr 11 01:54:45 2025

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

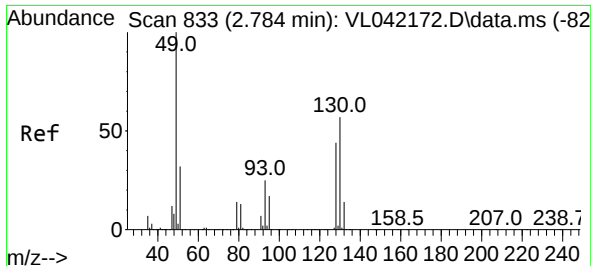
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Fri Mar 28 02:00:52 2025

Response via : Initial Calibration

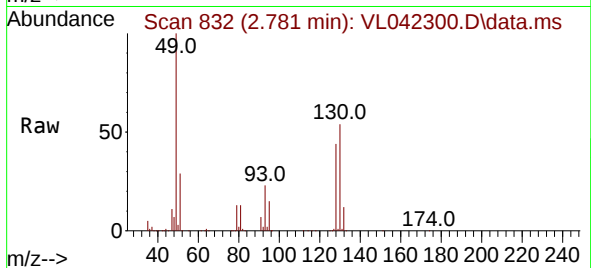
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.593	75	221829	8.962	ppbv	96
47) 1,1,2-Trichloroethane	6.571	97	195254	11.408	ppbv	98
48) Dibromochloromethane	7.377	129	318189	10.970	ppbv	100
49) Bromoform	9.477	173	285511	10.964	ppbv	99
50) 4-Methyl-2-Pentanone	5.742	43	507692	9.852	ppbv	94
51) 2-Hexanone	7.428	43	399883	9.449	ppbv #	94
52) Tetrachloroethene	8.215	164	162967	9.243	ppbv	97
53) Toluene	6.923	91	519861	9.865	ppbv	99
54) 1,2-Dibromoethane	7.642	107	258669	10.842	ppbv	99
56) 1,1,1,2-Tetrachloroethane	8.917	131	267799	12.536	ppbv	99
57) Chlorobenzene	8.914	112	449522	12.212	ppbv	94
58) Ethyl Benzene	9.348	91	745642	10.817	ppbv	100
59) m/p-Xylene	9.545	91	1300739m	23.631	ppbv	
60) o-Xylene	9.956	91	645311	11.695	ppbv	96
61) Styrene	9.866	104	277596	10.169	ppbv	99
62) Isopropylbenzene	10.532	105	963868	11.681	ppbv	99
63) 1,1,2,2-Tetrachloroethane	9.956	83	431966	12.884	ppbv	100
64) n-propylbenzene	10.985	120	255844	12.045	ppbv	99
65) tert-Butylbenzene	11.526	119	885906	11.609	ppbv	99
66) Benzyl Chloride	11.610	91	66712	8.239	ppbv	99
67) sec-Butylbenzene	11.762	105	1259760	11.876	ppbv	100
69) p-Isopropyltoluene	11.921	119	1081410	11.839	ppbv	99
70) n-Butylbenzene	12.277	91	1114385	11.930	ppbv	100
71) 2-Chlorotoluene	10.895	91	735700	11.488	ppbv	98
72) 4-Ethyltoluene	11.121	105	807663	11.756	ppbv	99
73) 1,3,5-Trimethylbenzene	11.199	105	697155	11.618	ppbv	100
74) 1,2,4-Trimethylbenzene	11.532	105	794178	11.489	ppbv	92
75) 1,3-Dichlorobenzene	11.604	146	483914	12.764	ppbv	98
76) 1,4-Dichlorobenzene	11.668	146	477802	12.663	ppbv	99
77) 1,2-Dichlorobenzene	11.943	146	479327	12.985	ppbv	98
78) Hexachloro-1,3-Butadiene	13.879	225	378178	10.064	ppbv	100
79) Naphthalene	13.510	128	909659	12.031	ppbv	100
80) Naphthalene,2-methyl-	14.455	142	421431	11.365	ppbv	99
81) 1,2,4-Trichlorobenzene	13.439	180	402576	11.543	ppbv	99

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.781 min Scan# 81
Delta R.T. -0.003 min
Lab File: VL042300.D
Acq: 10 Apr 2025 09:27

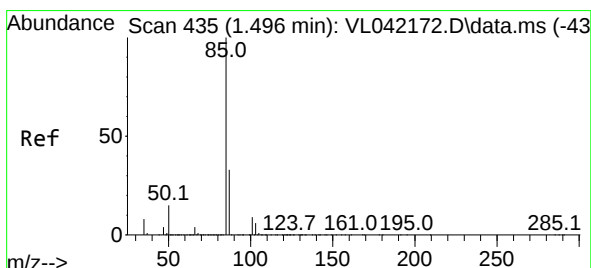
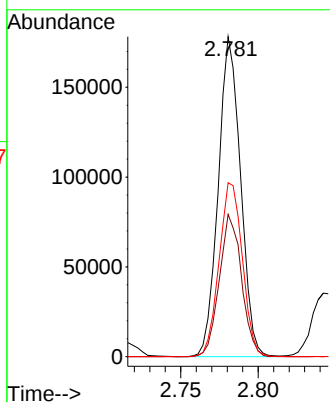
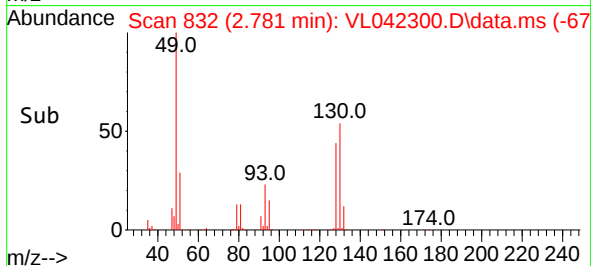
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



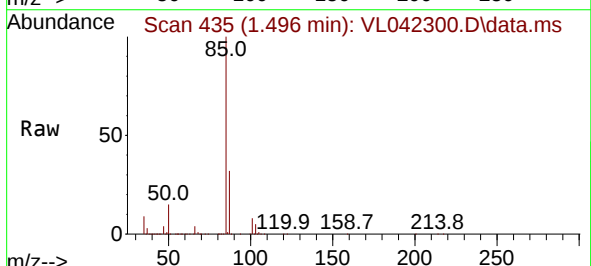
Tgt Ion: 49 Resp: 17824
Ion Ratio Lower Upper
49 100
128 44.3 22.9 68.5
130 56.7 28.8 86.4

Manual Integrations
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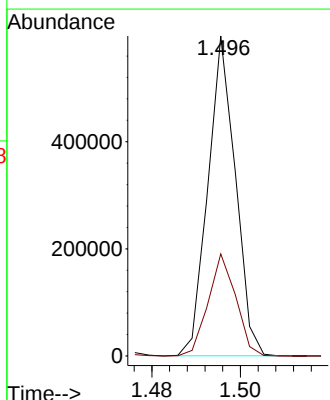
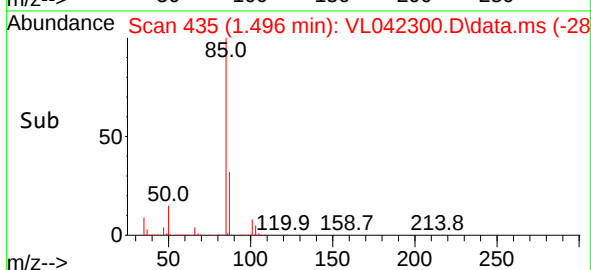
Reviewed By :Semsettin Yesilyurt 04/11/2025
Supervised By :Mahesh Dadoda 04/11/2025



#2
Dichlorodifluoromethane
Concen: 9.760 ppbv
RT: 1.496 min Scan# 435
Delta R.T. -0.000 min
Lab File: VL042300.D
Acq: 10 Apr 2025 09:27



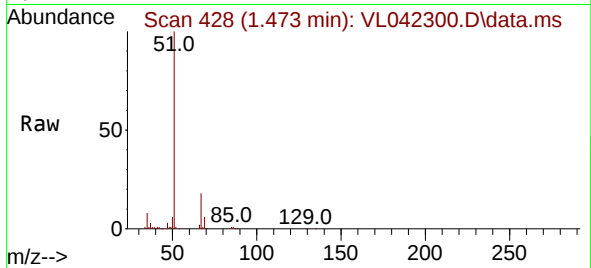
Tgt Ion: 85 Resp: 256858
Ion Ratio Lower Upper
85 100
87 31.9 26.1 39.1





#3
Chlorodifluoromethane
Concen: 10.540 ppbv
RT: 1.473 min Scan# 428
Delta R.T. -0.000 min
Lab File: VL042300.D
Acq: 10 Apr 2025 09:27

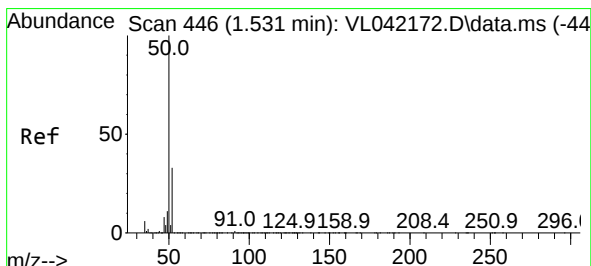
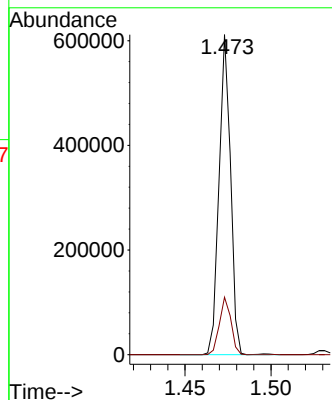
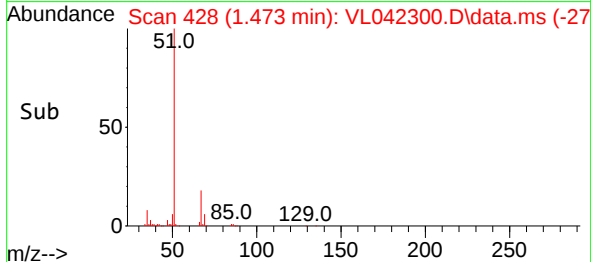
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



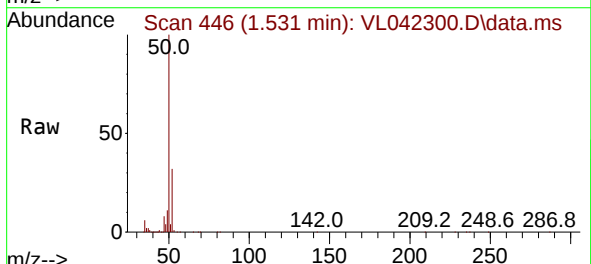
Tgt Ion: 51 Resp: 283360
Ion Ratio Lower Upper
51 100
67 18.1 15.0 22.6

Manual Integrations
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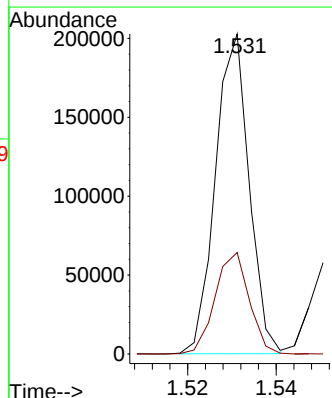
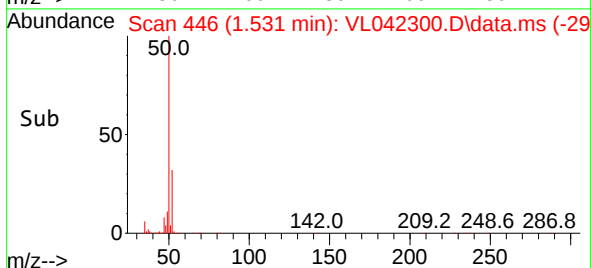
Reviewed By :Semsettin Yesilyurt 04/11/2025
Supervised By :Mahesh Dadoda 04/11/2025

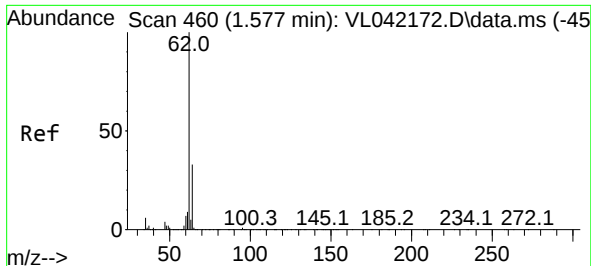


#4
Chloromethane
Concen: 9.924 ppbv
RT: 1.531 min Scan# 446
Delta R.T. -0.000 min
Lab File: VL042300.D
Acq: 10 Apr 2025 09:27



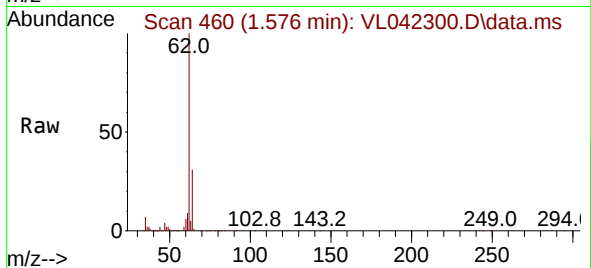
Tgt Ion: 50 Resp: 106741
Ion Ratio Lower Upper
50 100
52 31.7 26.1 39.1





#5
 Vinyl Chloride
 Concen: 8.419 ppbv
 RT: 1.576 min Scan# 460
 Delta R.T. -0.000 min
 Lab File: VL042300.D
 Acq: 10 Apr 2025 09:27

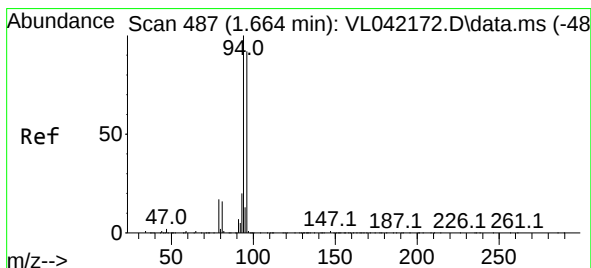
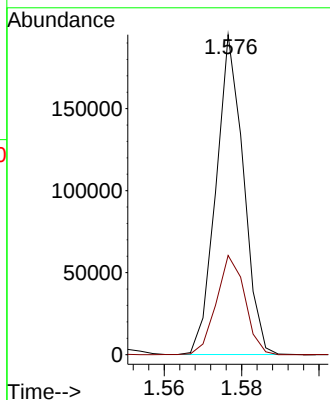
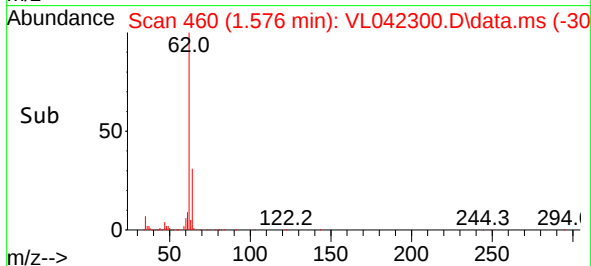
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



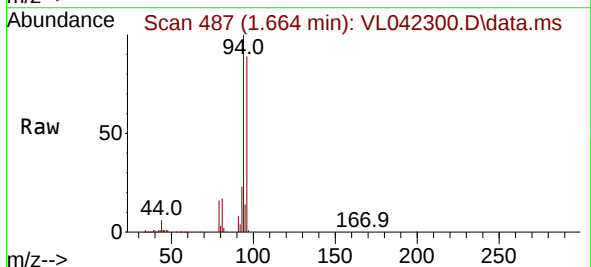
Tgt Ion: 62 Resp: 9596
 Ion Ratio Lower Upper
 62 100
 64 31.0 26.6 40.0

Manual Integrations
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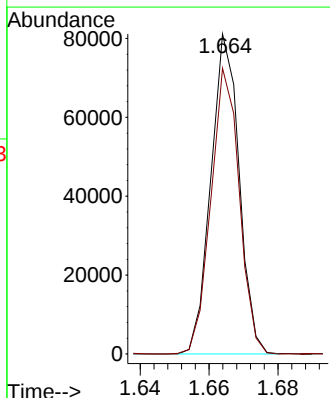
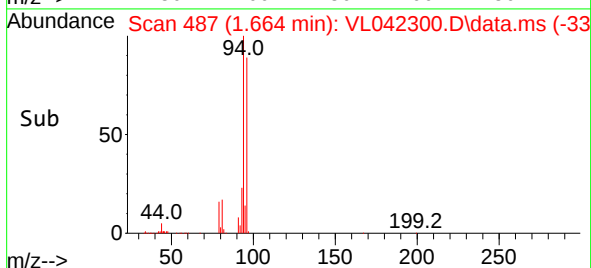
Reviewed By :Semsettin Yesilyurt 04/11/2025
 Supervised By :Mahesh Dadoda 04/11/2025

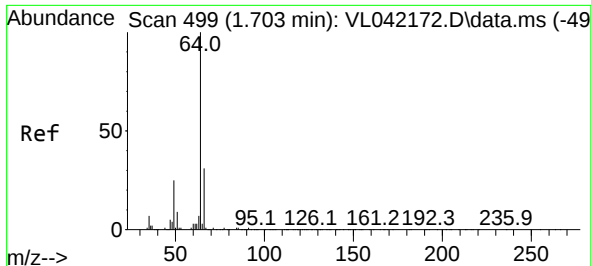


#6
 Bromomethane
 Concen: 9.475 ppbv
 RT: 1.664 min Scan# 487
 Delta R.T. -0.000 min
 Lab File: VL042300.D
 Acq: 10 Apr 2025 09:27



Tgt Ion: 94 Resp: 46181
 Ion Ratio Lower Upper
 94 100
 96 89.3 73.1 109.7





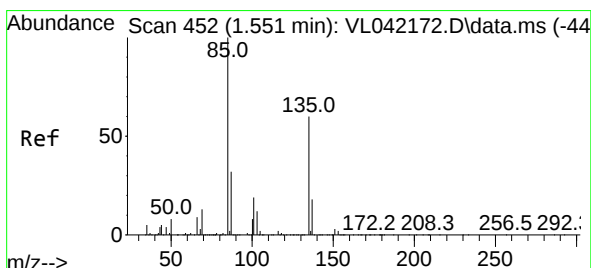
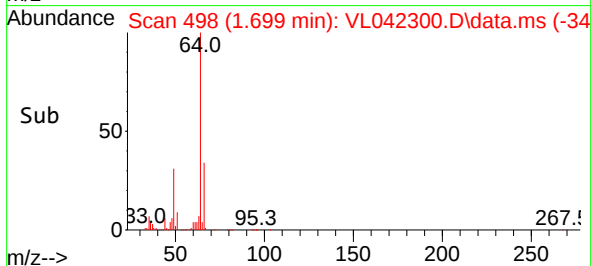
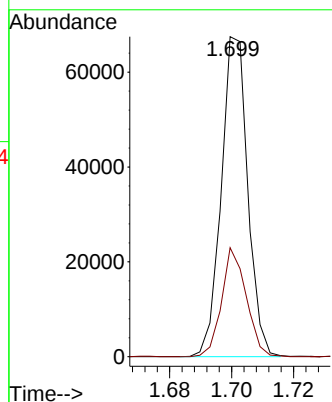
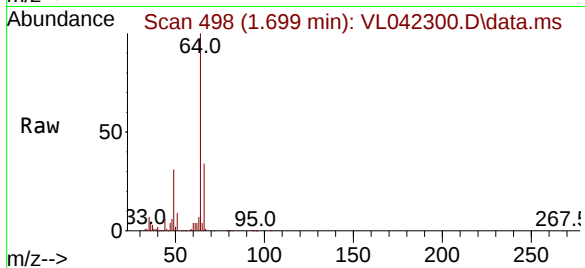
#7
Chloroethane
Concen: 9.310 ppbv
RT: 1.699 min Scan# 498
Delta R.T. -0.003 min
Lab File: VL042300.D
Acq: 10 Apr 2025 09:27

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 64 Resp: 4019
Ion Ratio Lower Upper
64 100
66 34.0 25.2 37.8

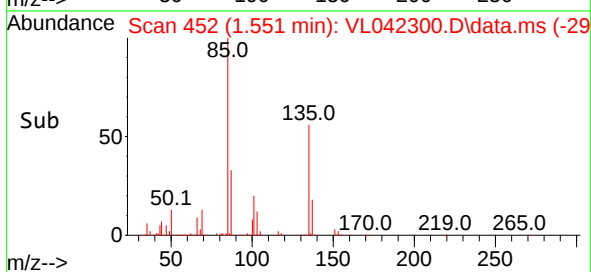
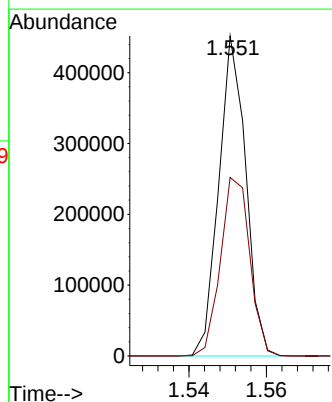
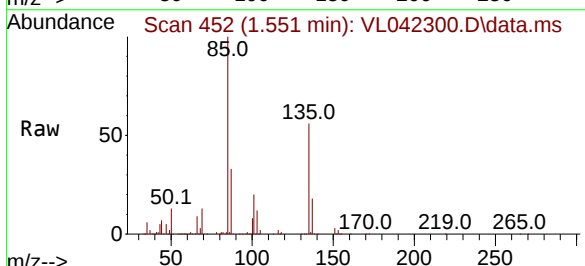
Manual Integrations
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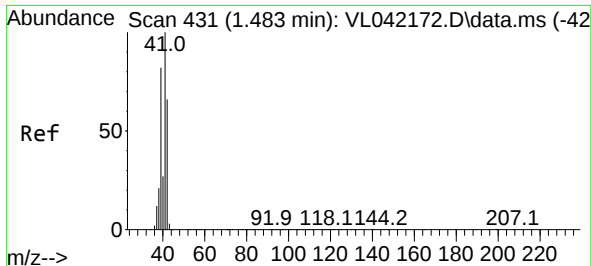
Reviewed By :Semsettin Yesilyurt 04/11/2025
Supervised By :Mahesh Dadoda 04/11/2025



#8
Dichlorotetrafluoroethane
Concen: 9.740 ppbv
RT: 1.551 min Scan# 452
Delta R.T. -0.000 min
Lab File: VL042300.D
Acq: 10 Apr 2025 09:27

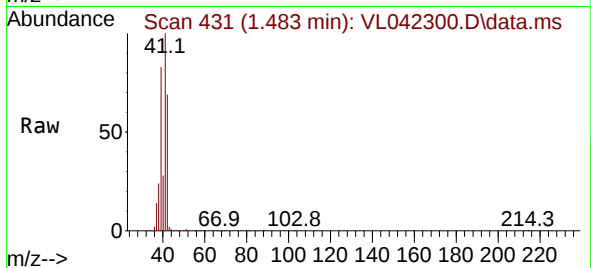
Tgt Ion: 85 Resp: 218294
Ion Ratio Lower Upper
85 100
135 60.9 52.4 78.6





#9
 Propene
 Concen: 8.863 ppbv
 RT: 1.483 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VL042300.D
 Acq: 10 Apr 2025 09:27

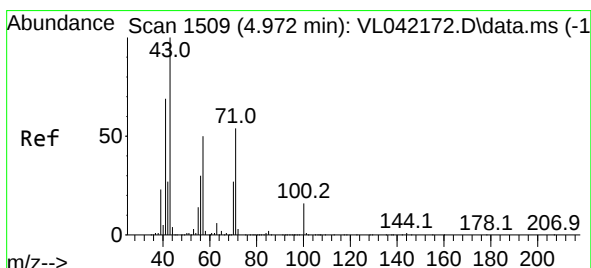
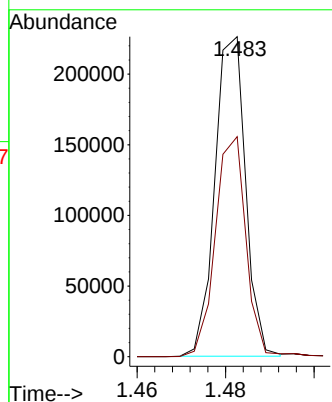
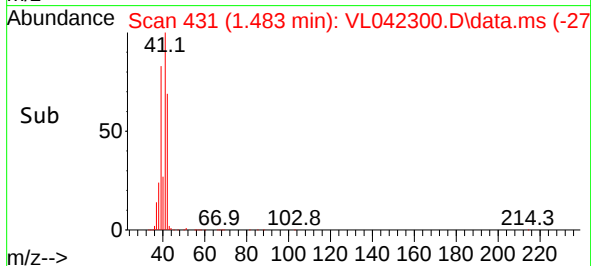
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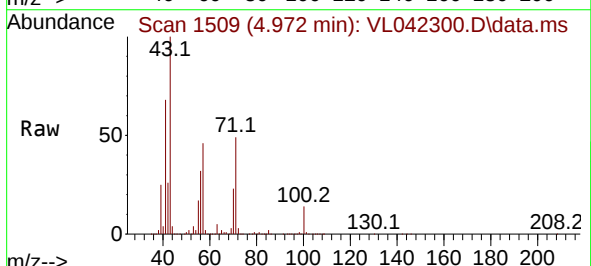
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 Ion Ratio Lower Upper
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 42 69.7 55.4 83.2

Manual Integrations
 APPROVED

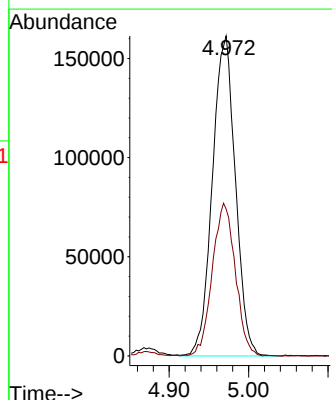
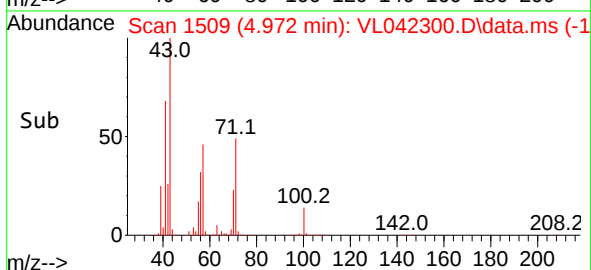
Reviewed By :Semsettin Yesilyurt 04/11/2025
 Supervised By :Mahesh Dadoda 04/11/2025



#10
 Heptane
 Concen: 9.887 ppbv
 RT: 4.972 min Scan# 1509
 Delta R.T. -0.000 min
 Lab File: VL042300.D
 Acq: 10 Apr 2025 09:27



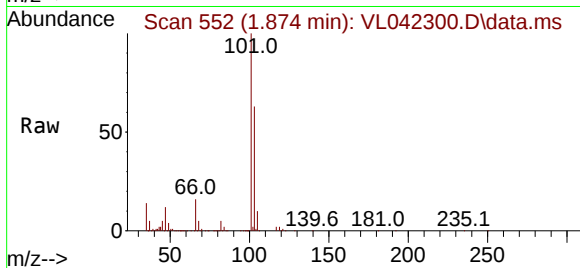
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 Ion Ratio Lower Upper
 43 100
 57 47.9 39.4 59.2





#11
 Trichlorofluoromethane
 Concen: 9.672 ppbv
 RT: 1.874 min Scan# 552
 Delta R.T. -0.000 min
 Lab File: VL042300.D
 Acq: 10 Apr 2025 09:27

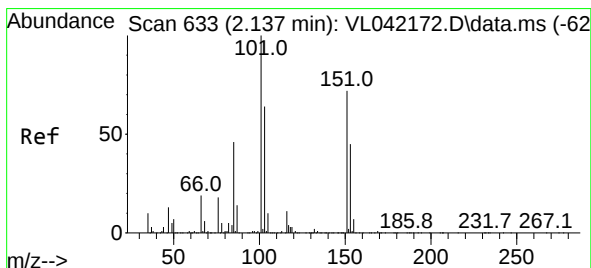
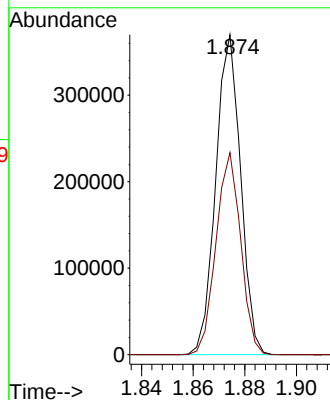
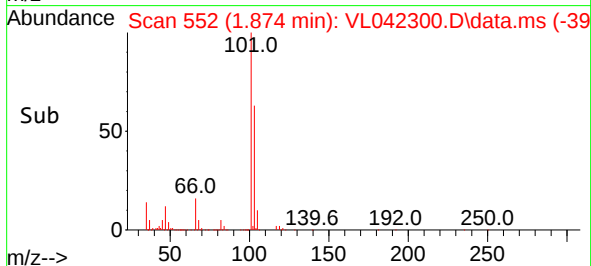
Instrument :
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 ClientSampleId :
 VSTDCCC010



Tgt Ion:101 Resp: 24768
 Ion Ratio Lower Upper
 101 100
 103 63.1 50.2 75.2

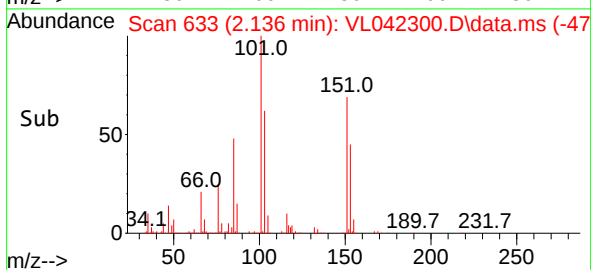
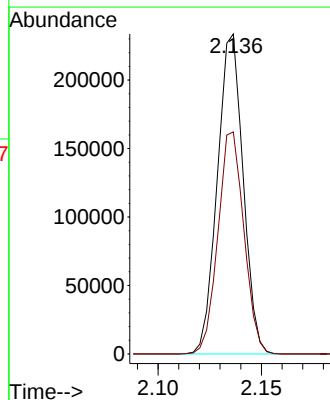
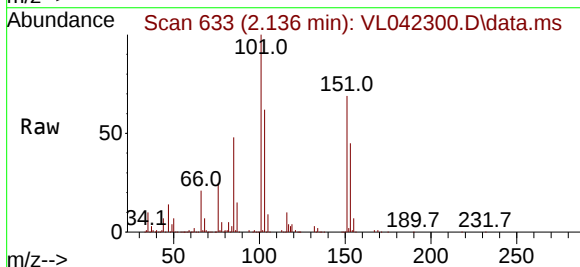
Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 04/11/2025
 Supervised By :Mahesh Dadoda 04/11/2025



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.632 ppbv
 RT: 2.136 min Scan# 633
 Delta R.T. -0.000 min
 Lab File: VL042300.D
 Acq: 10 Apr 2025 09:27

Tgt Ion:101 Resp: 202744
 Ion Ratio Lower Upper
 101 100
 151 70.0 57.1 85.7





#13

Ethanol

Concen: 4.250 ppbv

RT: 1.716 min Scan# 504

Delta R.T. -0.003 min

Lab File: VL042300.D

Acq: 10 Apr 2025 09:27

Instrument :

MSVOA_L

ClientSampleId :

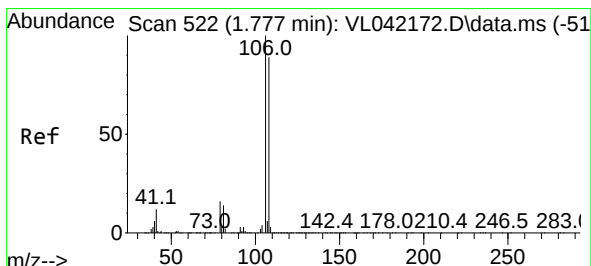
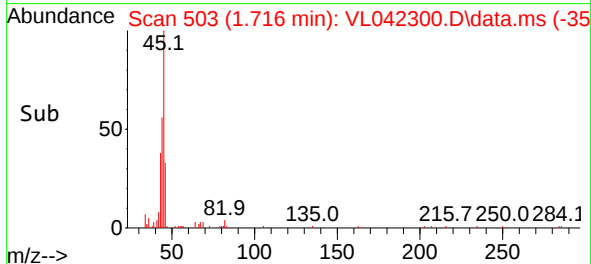
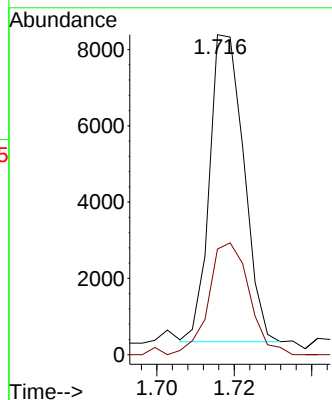
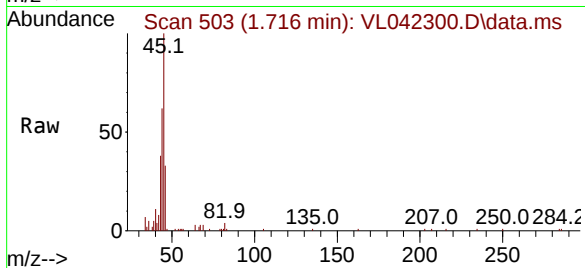
VSTDCCC010

Tgt Ion: 45 Resp: 495
 Ion Ratio Lower Upper
 45 100
 46 43.7 20.2 80.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/11/2025
 Supervised By :Mahesh Dadoda 04/11/2025



#14

Bromoethene

Concen: 8.837 ppbv

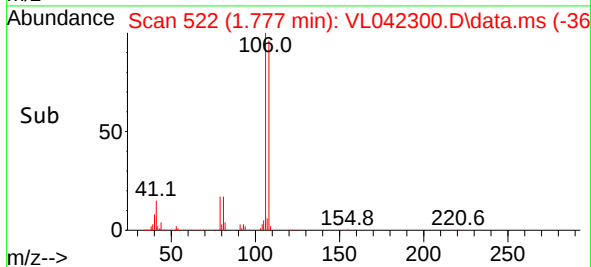
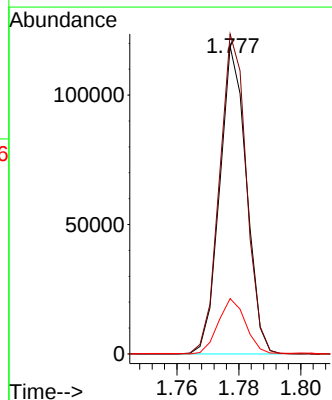
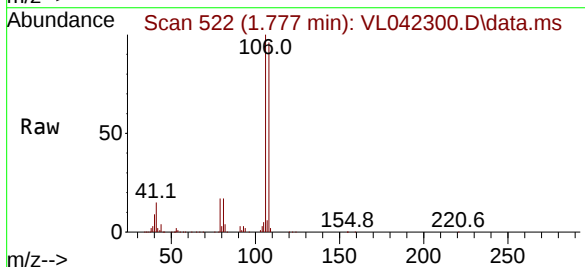
RT: 1.777 min Scan# 522

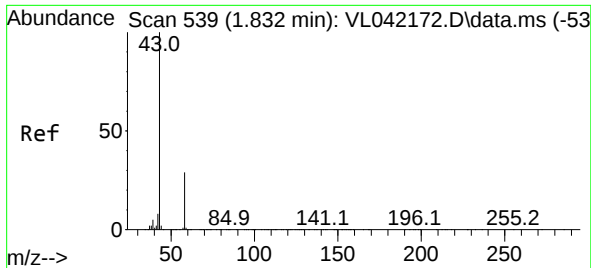
Delta R.T. -0.000 min

Lab File: VL042300.D

Acq: 10 Apr 2025 09:27

Tgt Ion:108 Resp: 71256
 Ion Ratio Lower Upper
 108 100
 106 104.7 86.8 130.2
 79 19.6 15.0 22.6





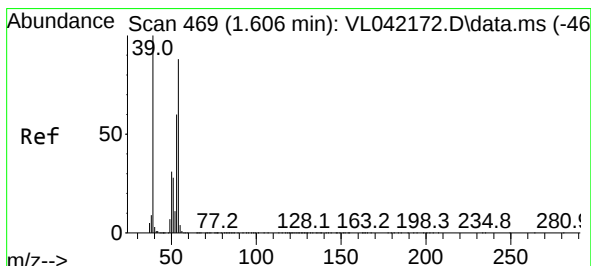
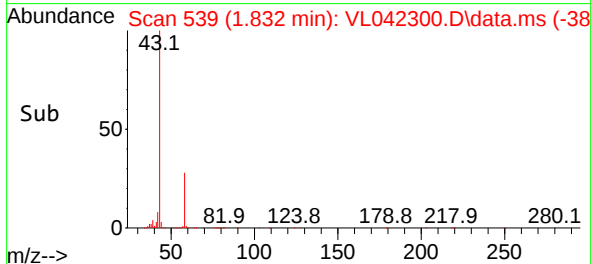
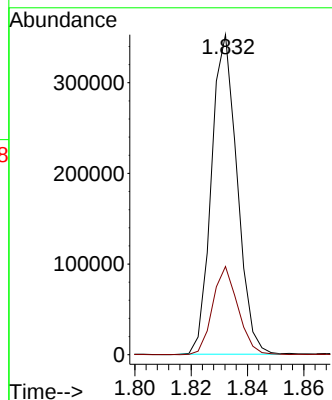
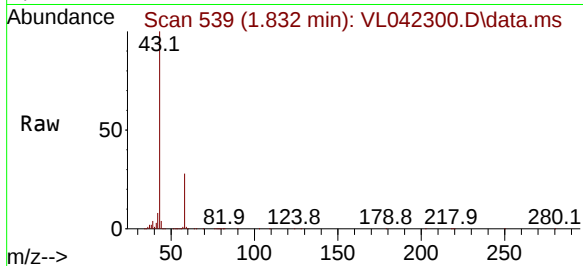
#15
Acetone
Concen: 8.968 ppbv
RT: 1.832 min Scan# 539
Delta R.T. -0.000 min
Lab File: VL042300.D
Acq: 10 Apr 2025 09:27

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion: 43 Resp: 223558
Ion Ratio Lower Upper
43 100
58 27.3 23.2 34.8

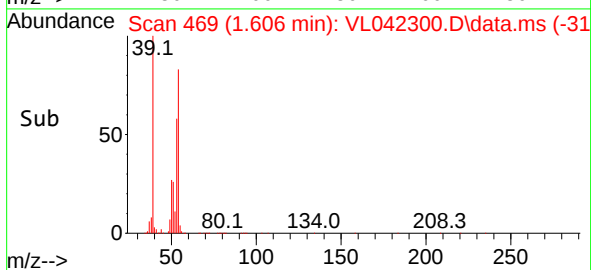
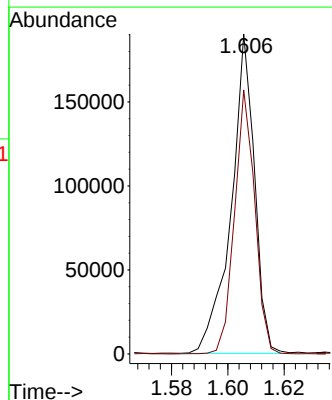
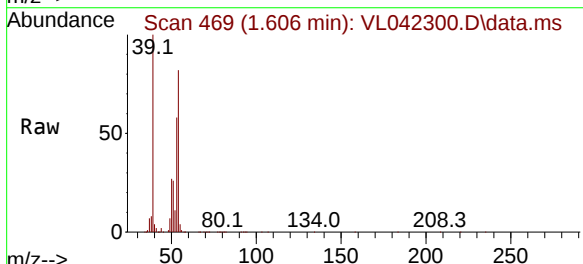
Manual Integrations
APPROVED

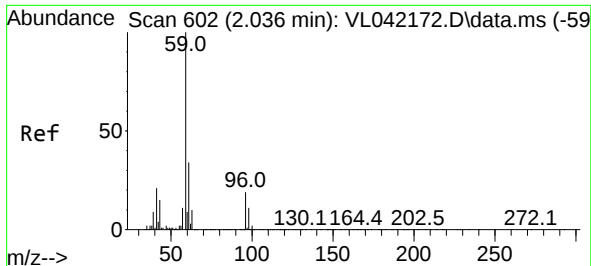
Reviewed By :Semsettin Yesilyurt 04/11/2025
Supervised By :Mahesh Dadoda 04/11/2025



#16
1,3-Butadiene
Concen: 8.981 ppbv
RT: 1.606 min Scan# 469
Delta R.T. -0.000 min
Lab File: VL042300.D
Acq: 10 Apr 2025 09:27

Tgt Ion: 39 Resp: 109334
Ion Ratio Lower Upper
39 100
54 72.2 60.7 91.1





#17

tert-Butyl alcohol

Concen: 8.089 ppbv

RT: 2.036 min Scan# 602

Delta R.T. -0.000 min

Lab File: VL042300.D

Acq: 10 Apr 2025 09:27

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 59 Resp: 25116

Ion Ratio Lower Upper

59 100

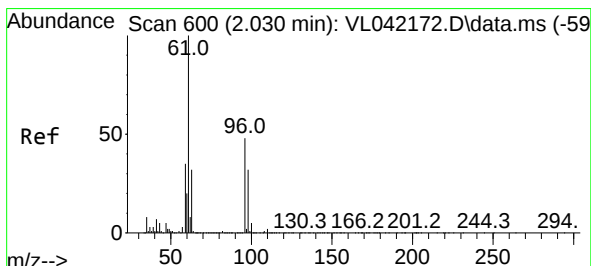
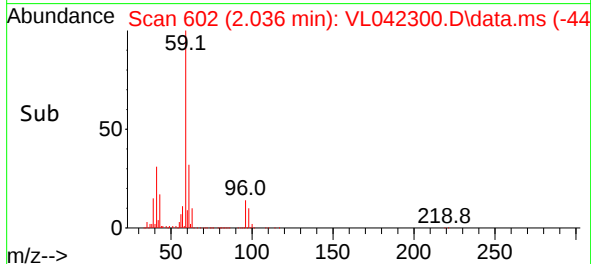
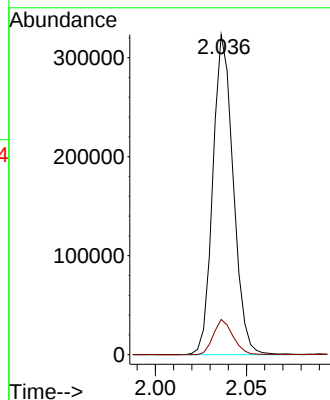
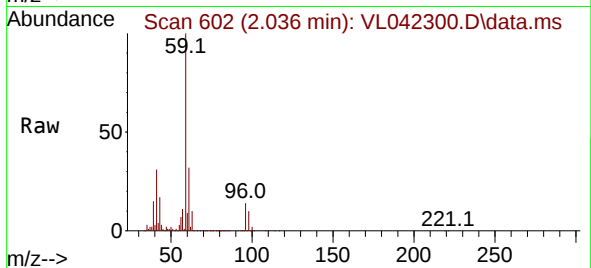
57 10.8 8.9 13.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/11/2025

Supervised By :Mahesh Dadoda 04/11/2025



#18

1,1-Dichloroethene

Concen: 8.622 ppbv

RT: 2.030 min Scan# 600

Delta R.T. -0.000 min

Lab File: VL042300.D

Acq: 10 Apr 2025 09:27

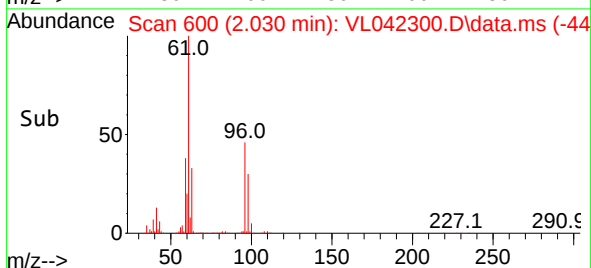
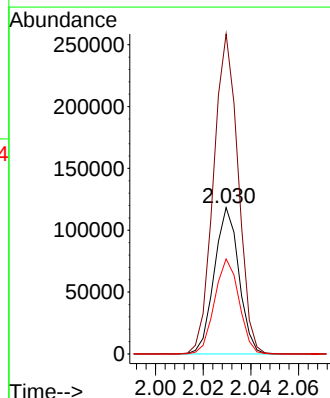
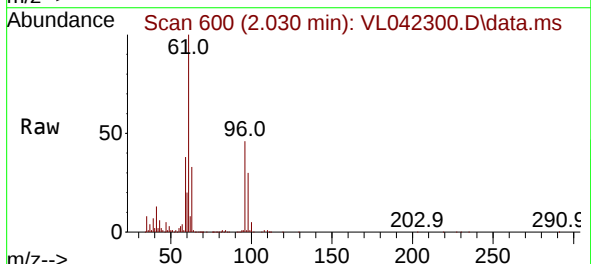
Tgt Ion: 96 Resp: 84843

Ion Ratio Lower Upper

96 100

61 218.5 167.6 251.4

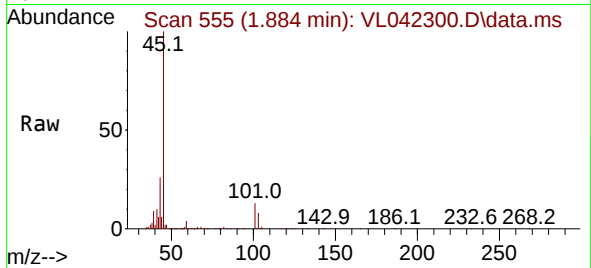
98 64.9 53.5 80.3





#19
Isopropyl Alcohol
Concen: 8.623 ppbv
RT: 1.884 min Scan# 511
Delta R.T. -0.000 min
Lab File: VL042300.D
Acq: 10 Apr 2025 09:27

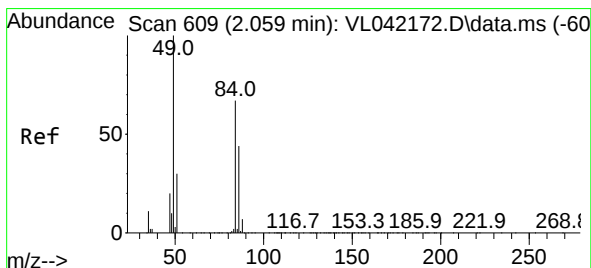
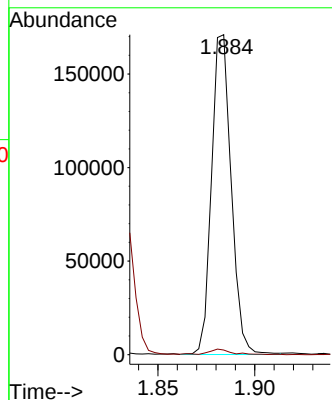
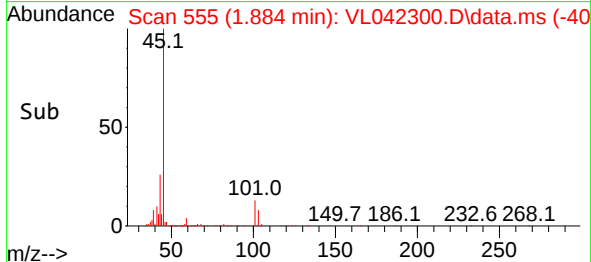
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



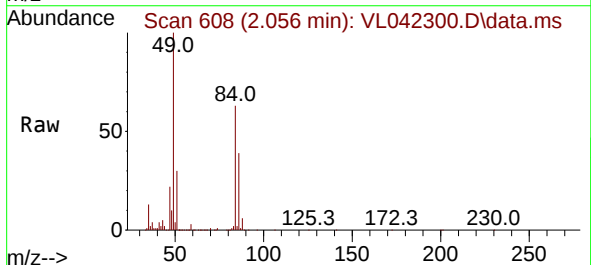
Tgt Ion: 45 Resp: 12128
Ion Ratio Lower Upper
45 100
58 50.5 36.9 55.3

Manual Integrations
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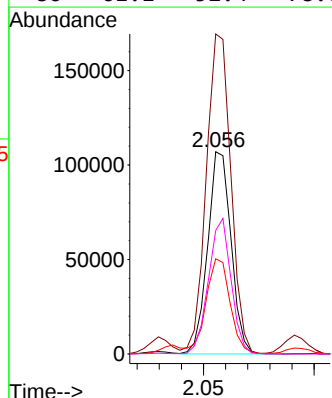
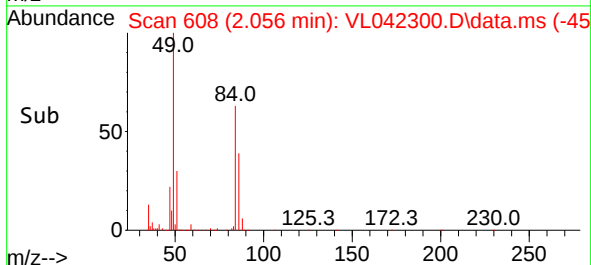
Reviewed By :Semsettin Yesilyurt 04/11/2025
Supervised By :Mahesh Dadoda 04/11/2025

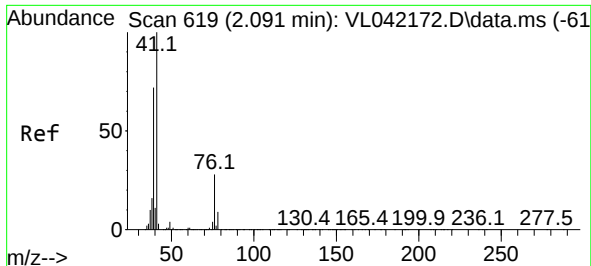


#20
Methylene Chloride
Concen: 8.450 ppbv
RT: 2.056 min Scan# 608
Delta R.T. -0.003 min
Lab File: VL042300.D
Acq: 10 Apr 2025 09:27



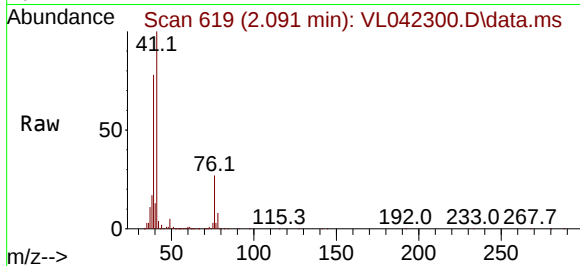
Tgt Ion: 84 Resp: 78454
Ion Ratio Lower Upper
84 100
49 156.4 120.2 180.4
51 46.3 37.4 56.0
86 61.1 52.4 78.6





#21
 Allyl Chloride
 Concen: 9.117 ppbv
 RT: 2.091 min Scan# 619
 Delta R.T. -0.000 min
 Lab File: VL042300.D
 Acq: 10 Apr 2025 09:27

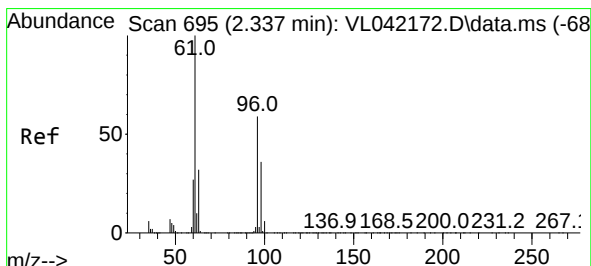
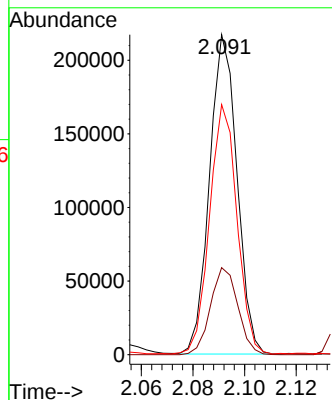
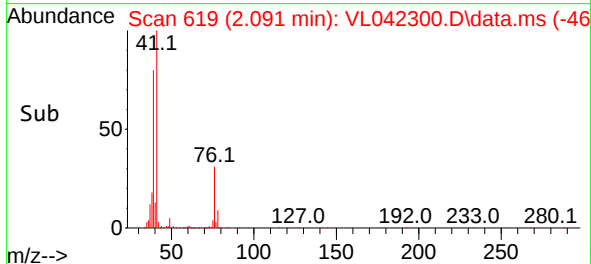
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



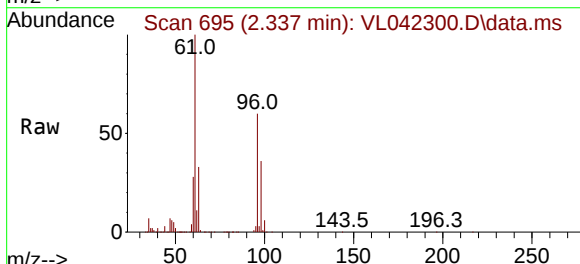
Tgt Ion: 41 Resp: 16028
 Ion Ratio Lower Upper
 41 100
 76 27.2 24.1 36.1
 39 77.6 61.1 91.7

Manual Integrations
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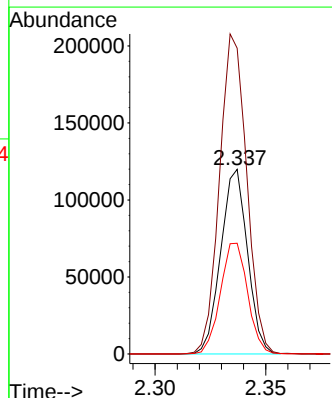
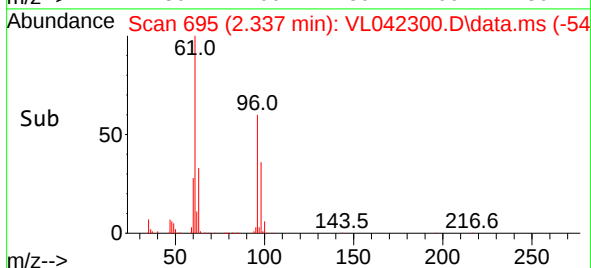
Reviewed By :Semsettin Yesilyurt 04/11/2025
 Supervised By :Mahesh Dadoda 04/11/2025

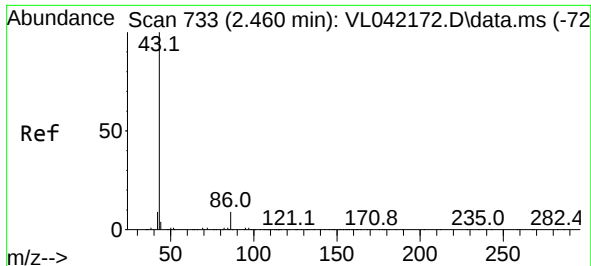


#22
 trans-1,2-Dichloroethene
 Concen: 8.866 ppbv
 RT: 2.337 min Scan# 695
 Delta R.T. -0.000 min
 Lab File: VL042300.D
 Acq: 10 Apr 2025 09:27



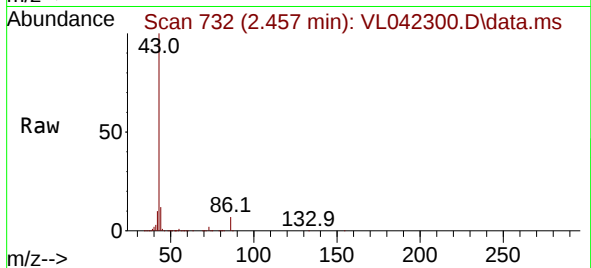
Tgt Ion: 96 Resp: 100830
 Ion Ratio Lower Upper
 96 100
 61 165.6 136.6 204.8
 98 60.0 49.4 74.2





#23
Vinyl Acetate
Concen: 8.068 ppbv
RT: 2.457 min Scan# 716
Delta R.T. -0.003 min
Lab File: VL042300.D
Acq: 10 Apr 2025 09:27

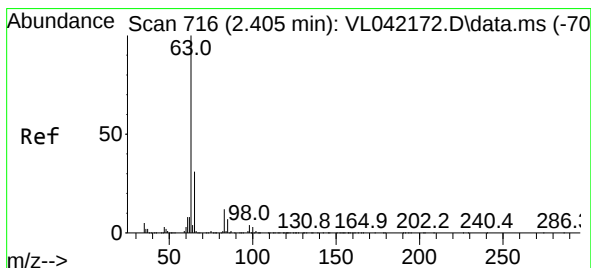
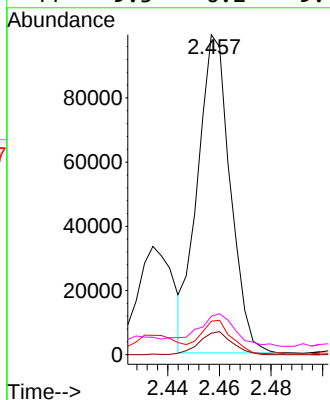
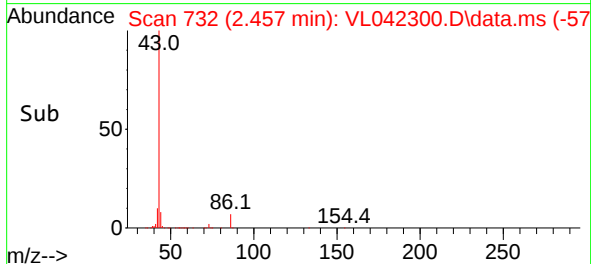
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



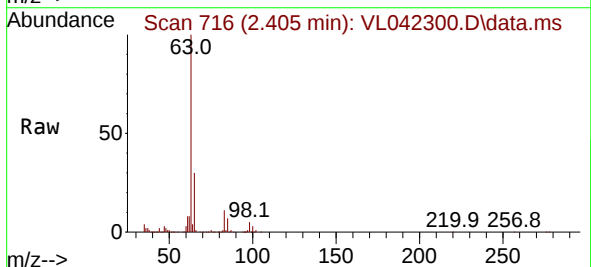
Tgt Ion: 43 Resp: 87054
Ion Ratio Lower Upper
43 100
86 6.7 5.5 8.3
42 9.9 8.6 13.0
44 9.3 6.2 9.4

Manual Integrations
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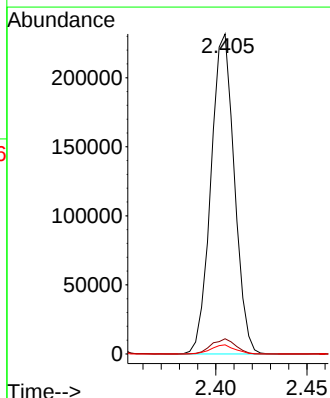
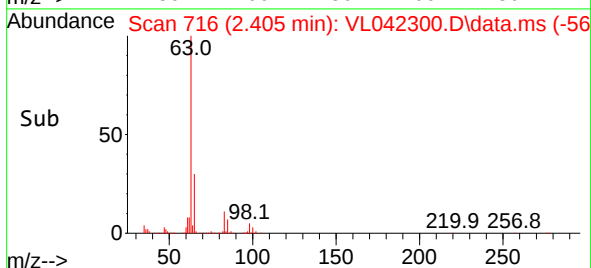
Reviewed By :Semsettin Yesilyurt 04/11/2025
Supervised By :Mahesh Dadoda 04/11/2025

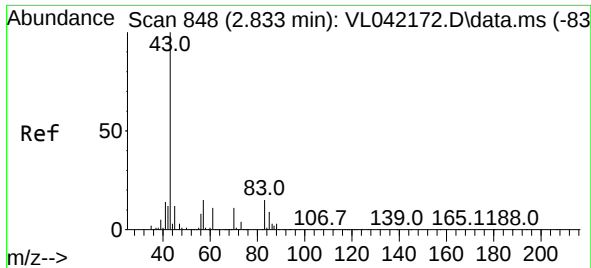


#24
1,1-Dichloroethane
Concen: 9.842 ppbv
RT: 2.405 min Scan# 716
Delta R.T. -0.000 min
Lab File: VL042300.D
Acq: 10 Apr 2025 09:27



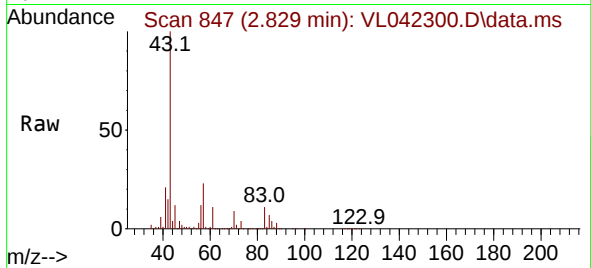
Tgt Ion: 63 Resp: 207493
Ion Ratio Lower Upper
63 100
98 4.7 2.3 6.8
100 2.9 1.6 4.7





#25
Ethyl Acetate
Concen: 10.031 ppbv
RT: 2.829 min Scan# 84
Delta R.T. -0.003 min
Lab File: VL042300.D
Acq: 10 Apr 2025 09:27

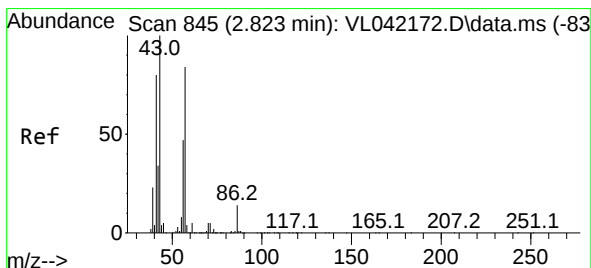
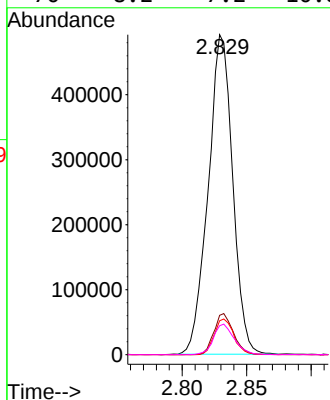
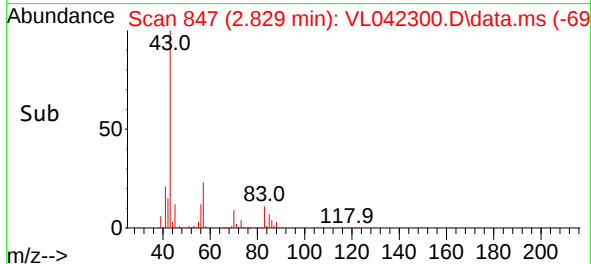
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 43 Resp: 648989
Ion Ratio Lower Upper
43 100
45 10.3 8.2 12.2
61 9.0 7.3 10.9
70 8.2 7.2 10.8

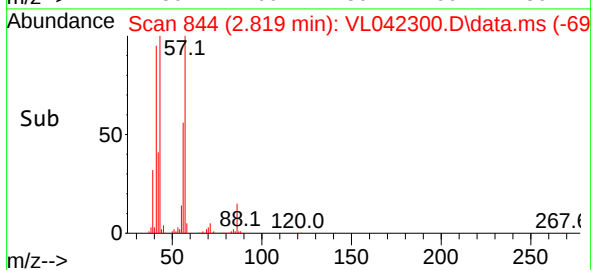
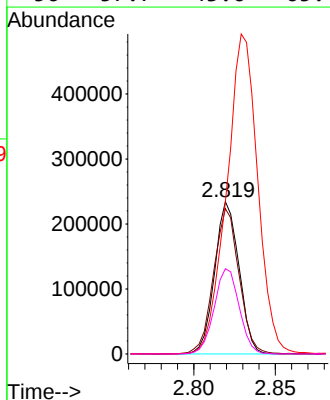
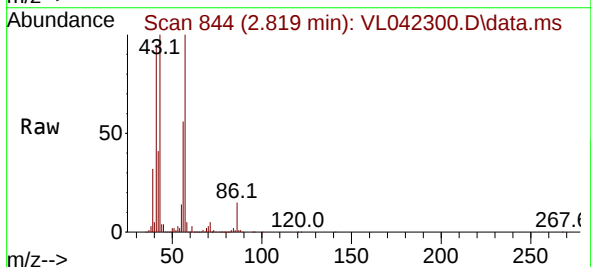
Manual Integrations
APPROVED

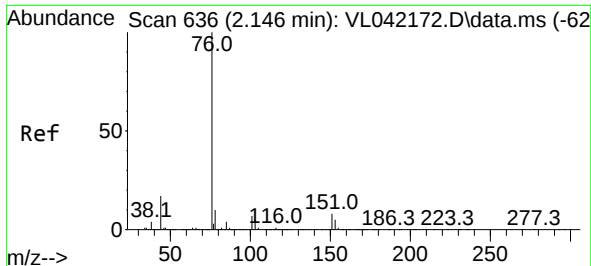
Reviewed By :Semsettin Yesilyurt 04/11/2025
Supervised By :Mahesh Dadoda 04/11/2025



#26
Hexane
Concen: 9.715 ppbv
RT: 2.819 min Scan# 844
Delta R.T. -0.003 min
Lab File: VL042300.D
Acq: 10 Apr 2025 09:27

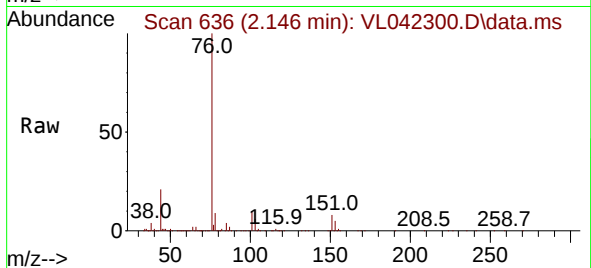
Tgt Ion: 57 Resp: 242802
Ion Ratio Lower Upper
57 100
41 100.4 76.6 114.8
43 269.0 207.8 311.8
56 57.7 43.6 65.4





#27
Carbon Disulfide
Concen: 9.211 ppbv
RT: 2.146 min Scan# 611
Delta R.T. -0.000 min
Lab File: VL042300.D
Acq: 10 Apr 2025 09:27

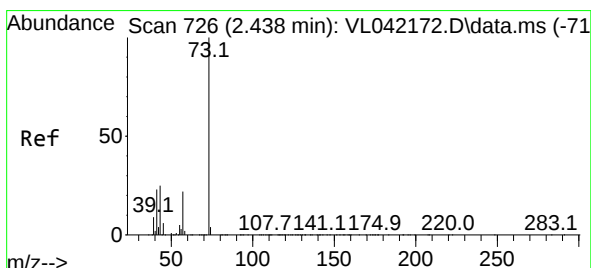
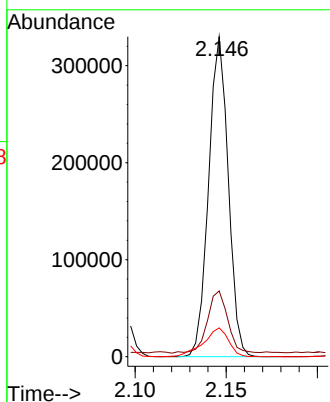
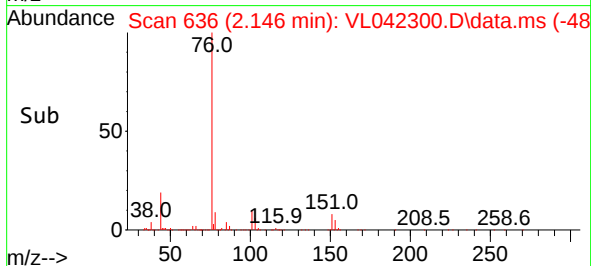
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



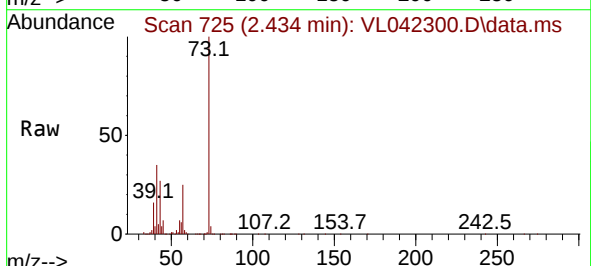
Tgt Ion: 76 Resp: 246850
Ion Ratio Lower Upper
76 100
44 20.5 14.7 22.1
78 11.5 9.3 13.9

Manual Integrations
APPROVED

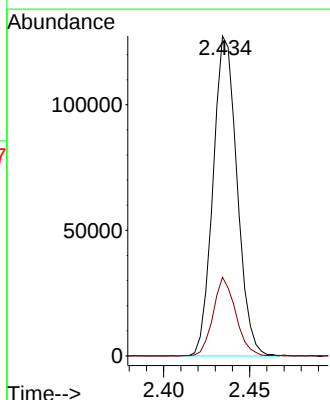
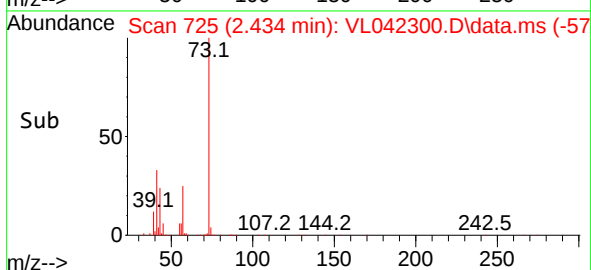
Reviewed By :Semsettin Yesilyurt 04/11/2025
Supervised By :Mahesh Dadoda 04/11/2025

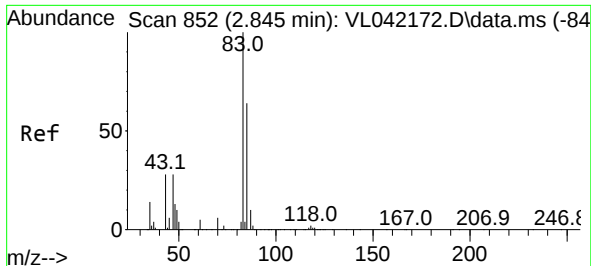


#28
Methyl tert-Butyl Ether
Concen: 7.955 ppbv
RT: 2.434 min Scan# 725
Delta R.T. -0.003 min
Lab File: VL042300.D
Acq: 10 Apr 2025 09:27



Tgt Ion: 73 Resp: 123776
Ion Ratio Lower Upper
73 100
57 23.2 20.5 30.7





#29

Chloroform

Concen: 10.507 ppbv

RT: 2.842 min Scan# 851

Delta R.T. -0.003 min

Lab File: VL042300.D

Acq: 10 Apr 2025 09:27

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 83 Resp: 38427

Ion Ratio Lower Upper

83 100

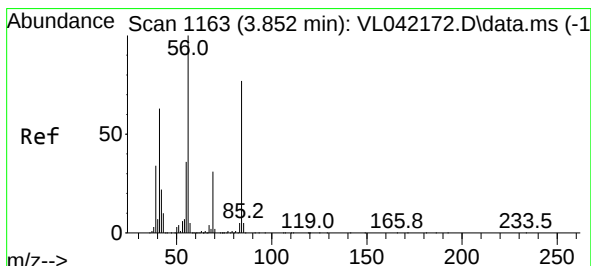
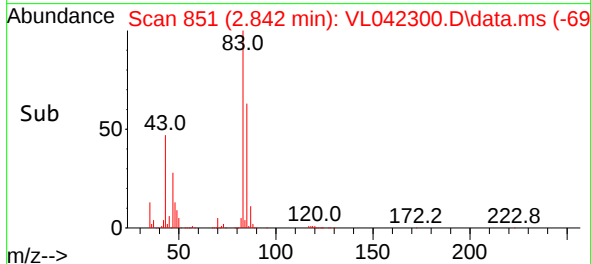
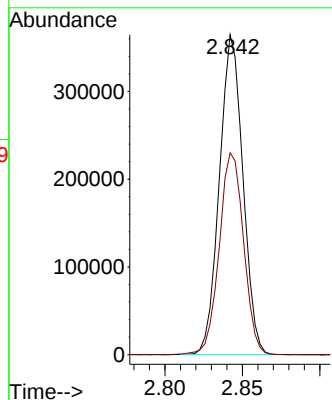
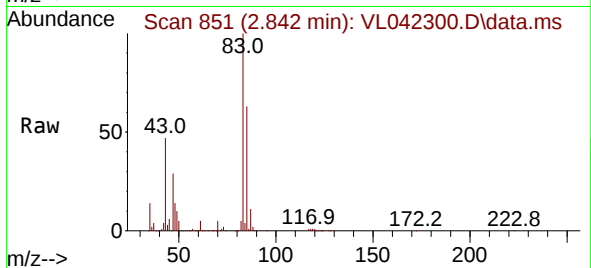
85 63.1 51.4 77.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/11/2025

Supervised By :Mahesh Dadoda 04/11/2025



#30

Cyclohexane

Concen: 8.992 ppbv

RT: 3.849 min Scan# 1162

Delta R.T. -0.003 min

Lab File: VL042300.D

Acq: 10 Apr 2025 09:27

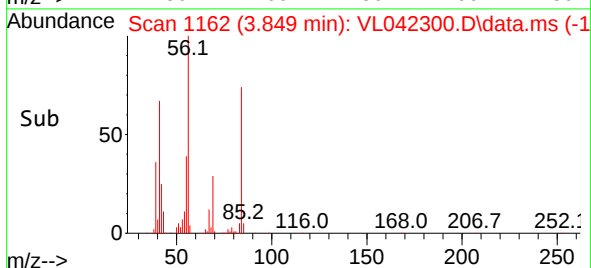
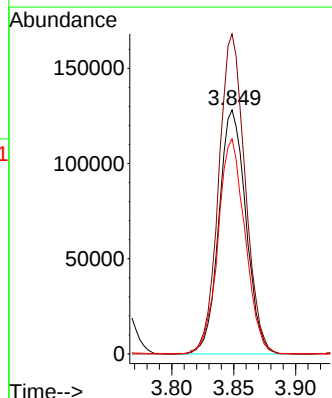
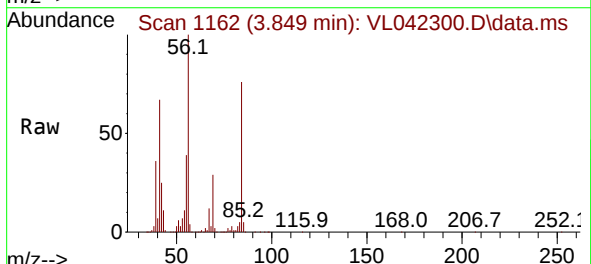
Tgt Ion: 84 Resp: 195121

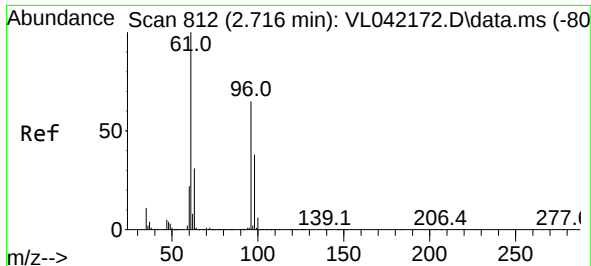
Ion Ratio Lower Upper

84 100

56 127.8 102.8 154.2

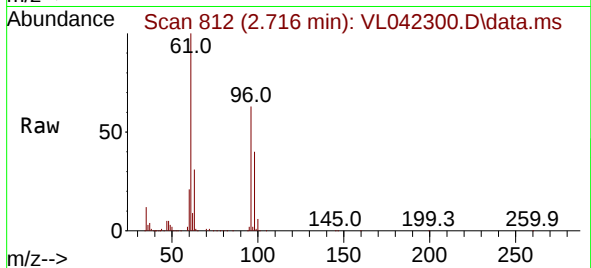
41 88.4 66.5 99.7





#31
 cis-1,2-Dichloroethene
 Concen: 9.093 ppbv
 RT: 2.716 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VL042300.D
 Acq: 10 Apr 2025 09:27

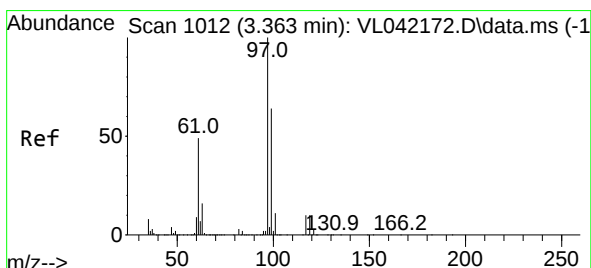
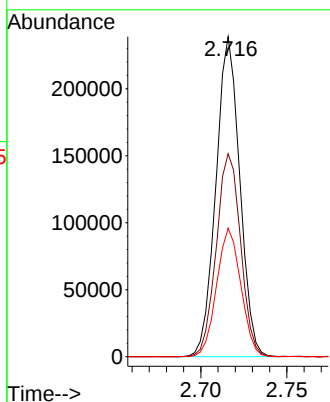
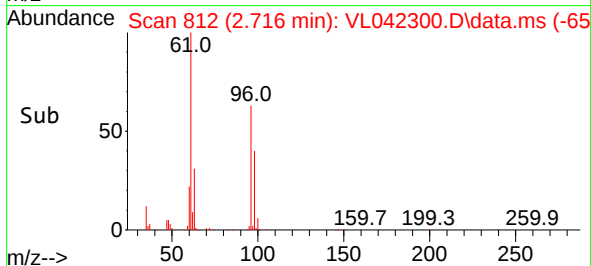
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



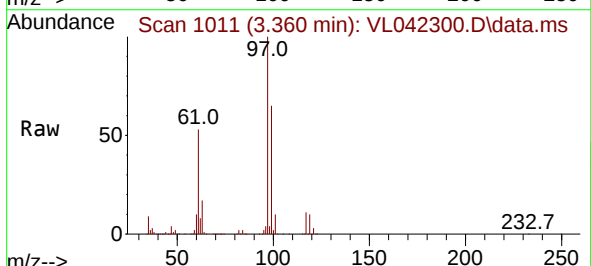
Tgt Ion: 61 Resp: 230708
 Ion Ratio Lower Upper
 61 100
 96 63.4 51.8 77.8
 98 40.1 30.6 46.0

Manual Integrations
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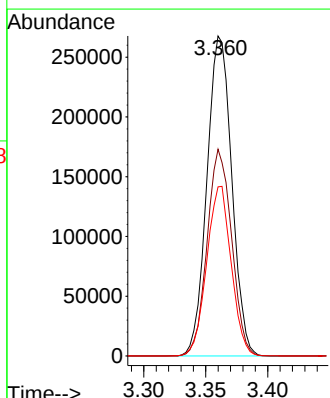
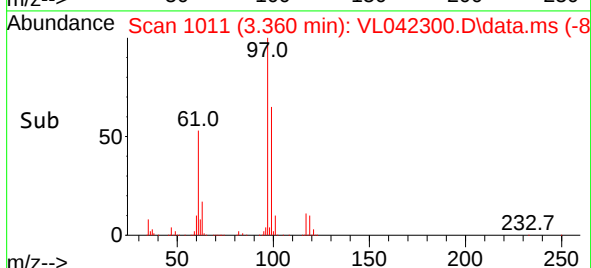
Reviewed By :Semsettin Yesilyurt 04/11/2025
 Supervised By :Mahesh Dadoda 04/11/2025



#32
 1,1,1-Trichloroethane
 Concen: 8.947 ppbv
 RT: 3.360 min Scan# 1011
 Delta R.T. -0.003 min
 Lab File: VL042300.D
 Acq: 10 Apr 2025 09:27



Tgt Ion: 97 Resp: 374626
 Ion Ratio Lower Upper
 97 100
 99 63.7 51.5 77.3
 61 52.2 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: VL042300.D

Acq: 10 Apr 2025 09:27

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

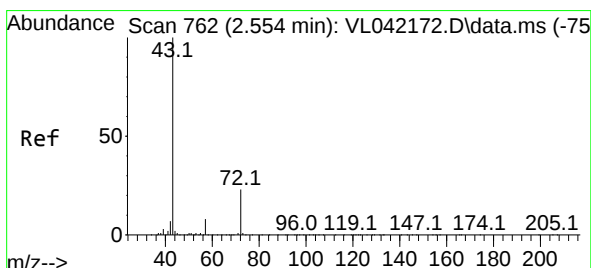
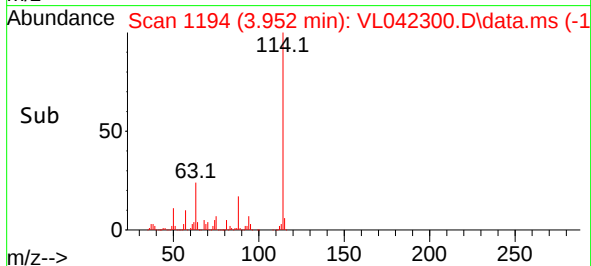
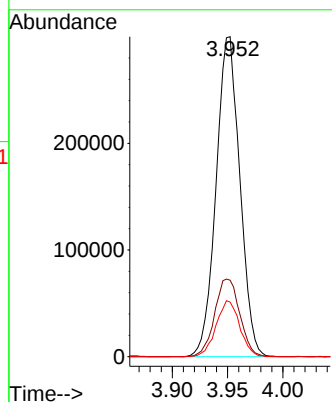
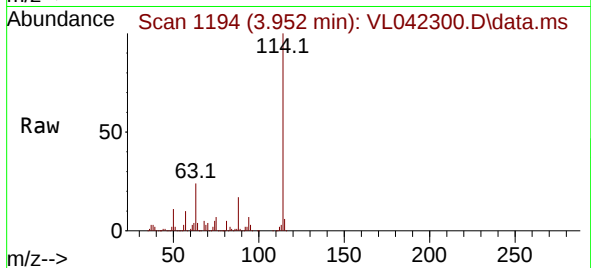
Tgt Ion:114 Resp: 448439

Ion	Ratio	Lower	Upper
114	100		
63	25.7	20.7	31.1
88	17.4	15.0	22.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/11/2025
Supervised By :Mahesh Dadoda 04/11/2025



#34

2-Butanone

Concen: 11.030 ppbv

RT: 2.554 min Scan# 762

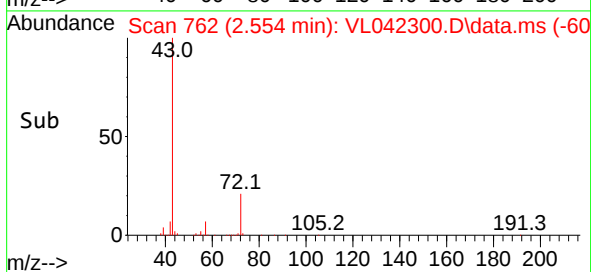
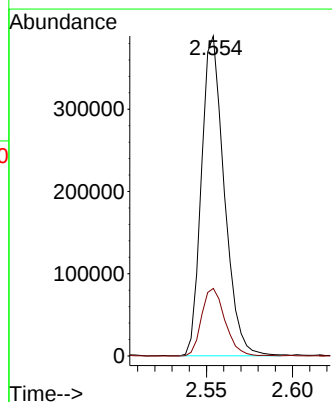
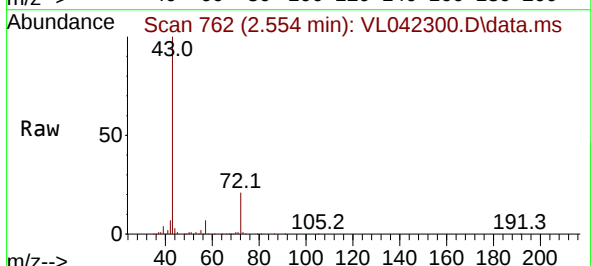
Delta R.T. -0.000 min

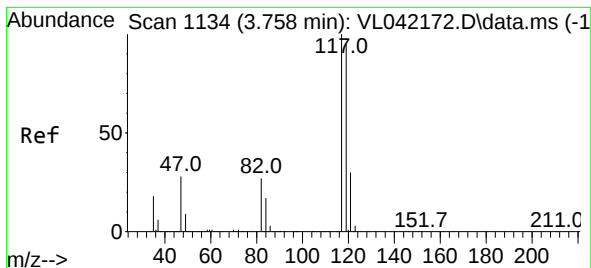
Lab File: VL042300.D

Acq: 10 Apr 2025 09:27

Tgt Ion: 43 Resp: 358677

Ion	Ratio	Lower	Upper
43	100		
72	21.8	18.2	27.2





#35

Carbon Tetrachloride

Concen: 11.208 ppbv

RT: 3.755 min Scan# 1133

Delta R.T. -0.003 min

Lab File: VL042300.D

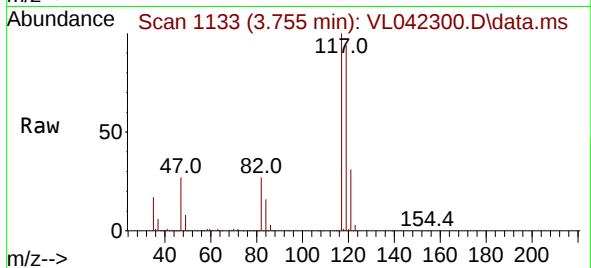
Acq: 10 Apr 2025 09:27

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010



Tgt Ion:117 Resp: 392632

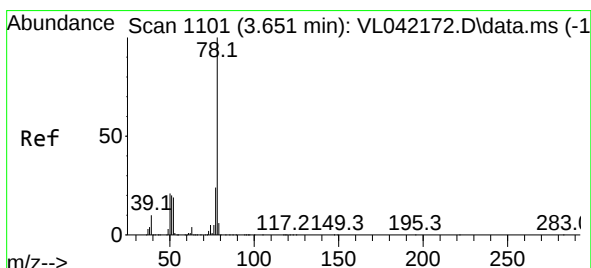
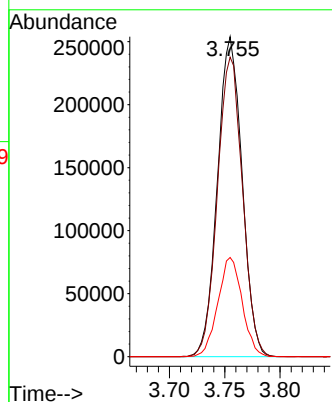
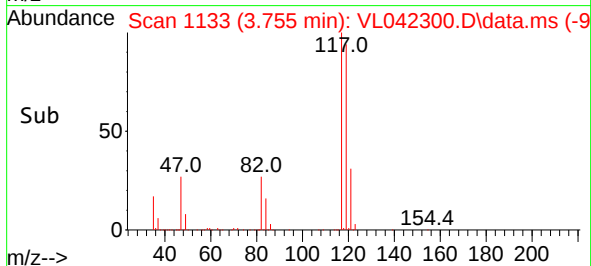
Ion	Ratio	Lower	Upper
117	100		
119	93.6	76.2	114.2
121	31.0	24.2	36.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/11/2025

Supervised By :Mahesh Dadoda 04/11/2025



#36

Benzene

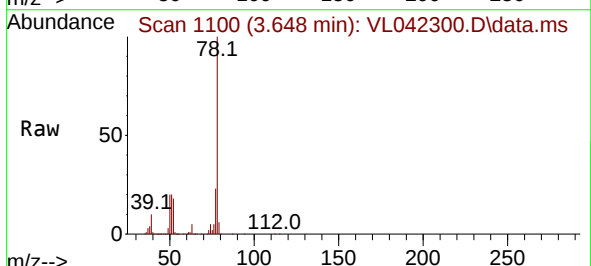
Concen: 10.756 ppbv

RT: 3.648 min Scan# 1100

Delta R.T. -0.003 min

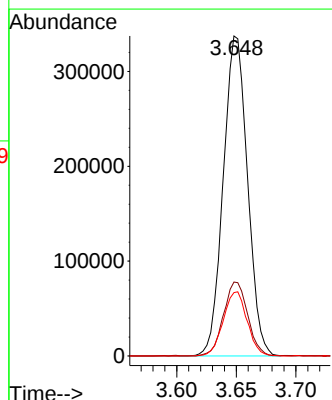
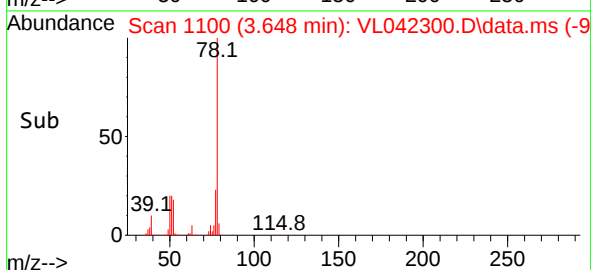
Lab File: VL042300.D

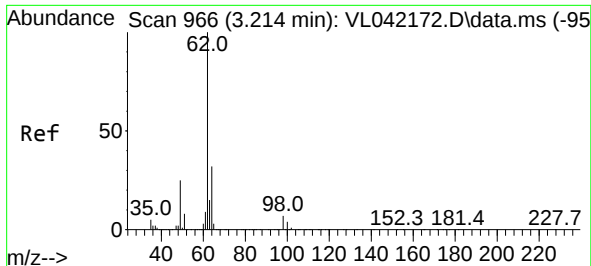
Acq: 10 Apr 2025 09:27



Tgt Ion: 78 Resp: 478185

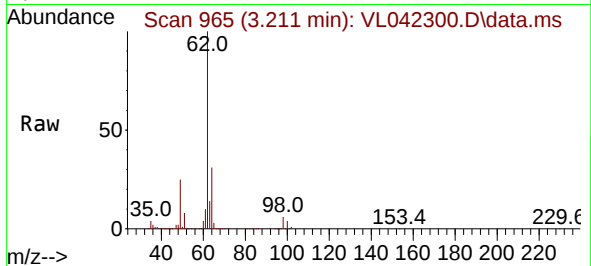
Ion	Ratio	Lower	Upper
78	100		
77	23.1	19.1	28.7
50	19.8	16.6	24.8





#37
1,2-Dichloroethane
Concen: 11.276 ppbv
RT: 3.211 min Scan# 965
Delta R.T. -0.003 min
Lab File: VL042300.D
Acq: 10 Apr 2025 09:27

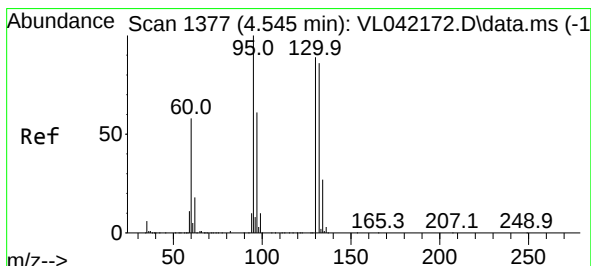
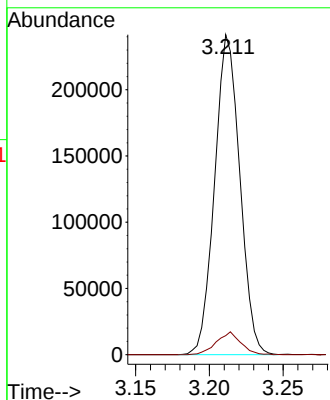
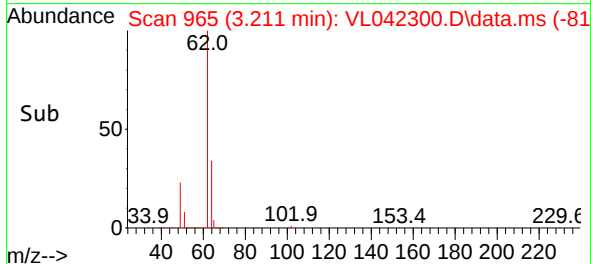
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 62 Resp: 28698
Ion Ratio Lower Upper
62 100
98 6.9 5.4 8.2

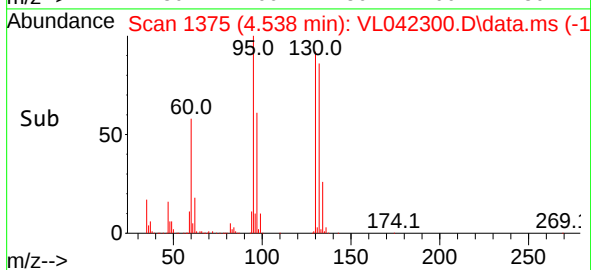
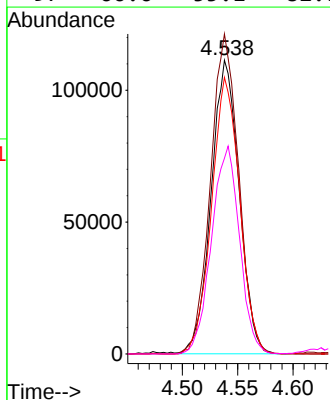
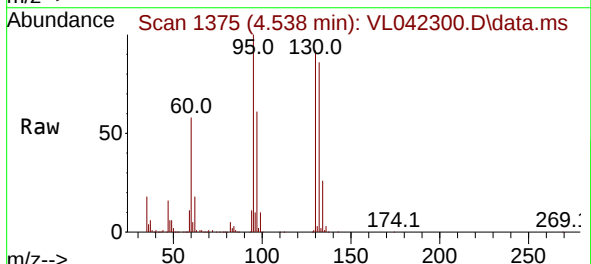
Manual Integrations
APPROVED

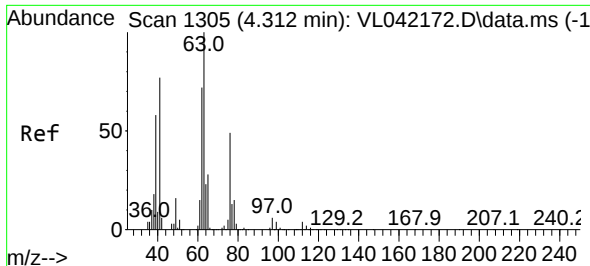
Reviewed By :Semsettin Yesilyurt 04/11/2025
Supervised By :Mahesh Dadoda 04/11/2025



#38
Trichloroethene
Concen: 10.550 ppbv
RT: 4.538 min Scan# 1375
Delta R.T. -0.007 min
Lab File: VL042300.D
Acq: 10 Apr 2025 09:27

Tgt Ion:130 Resp: 195692
Ion Ratio Lower Upper
130 100
95 108.9 89.8 134.8
132 94.2 77.4 116.2
97 66.6 55.1 82.7





#39

1,2-Dichloropropane

Concen: 10.933 ppbv

RT: 4.305 min Scan# 1305

Delta R.T. -0.007 min

Lab File: VL042300.D

Acq: 10 Apr 2025 09:27

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 63 Resp: 17701

Ion Ratio Lower Upper

63 100

41 88.1 61.7 92.5

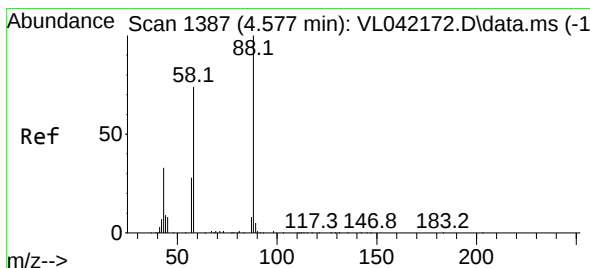
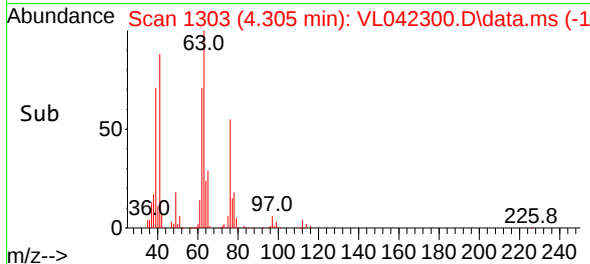
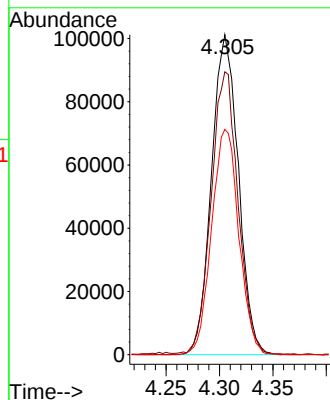
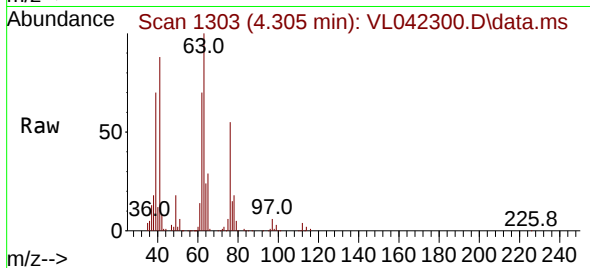
62 70.4 57.6 86.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/11/2025

Supervised By :Mahesh Dadoda 04/11/2025



#40

1,4-Dioxane

Concen: 9.570 ppbv

RT: 4.574 min Scan# 1386

Delta R.T. -0.003 min

Lab File: VL042300.D

Acq: 10 Apr 2025 09:27

Tgt Ion: 88 Resp: 82234

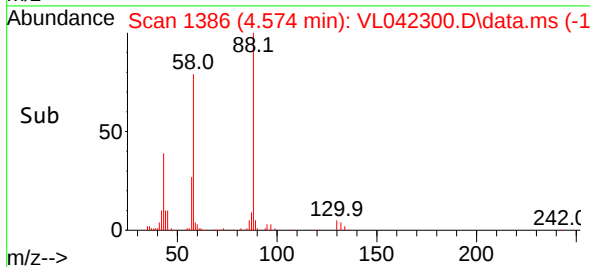
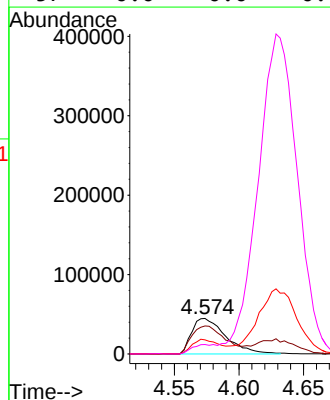
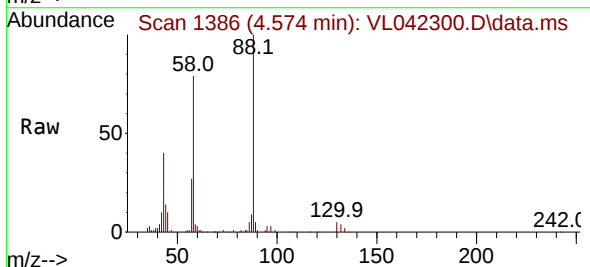
Ion Ratio Lower Upper

88 100

58 77.1 62.7 94.1

43 35.0 23.0 34.4#

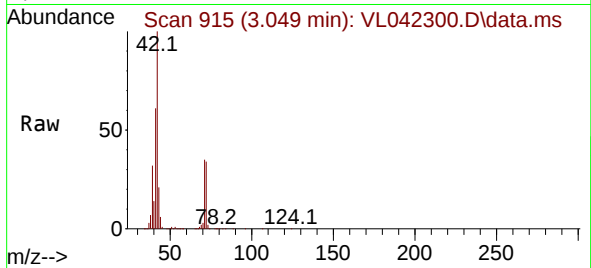
57 0.0 0.0 0.0





#41
Tetrahydrofuran
Concen: 10.878 ppbv
RT: 3.049 min Scan# 915
Delta R.T. -0.000 min
Lab File: VL042300.D
Acq: 10 Apr 2025 09:27

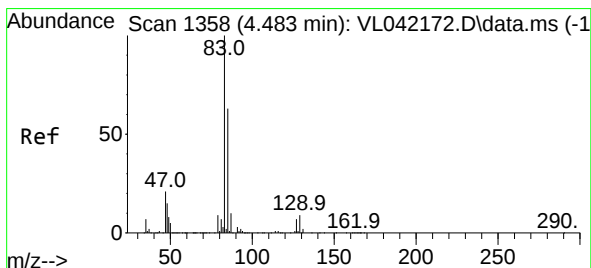
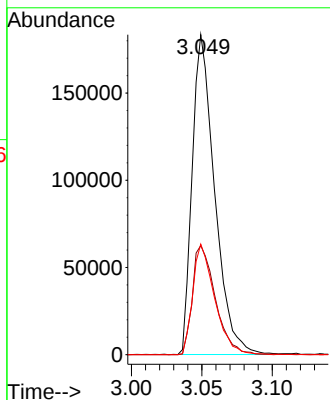
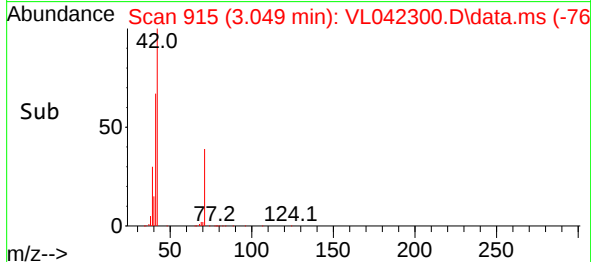
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



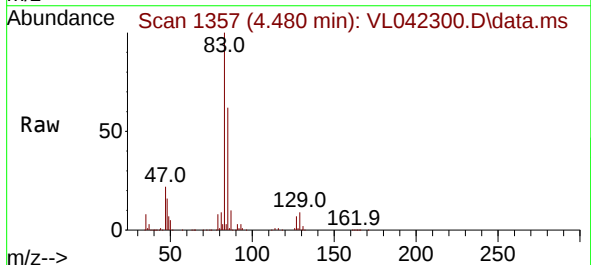
Tgt Ion: 42 Resp: 203688
Ion Ratio Lower Upper
42 100
72 35.0 31.4 47.0
71 33.8 30.2 45.4

Manual Integrations
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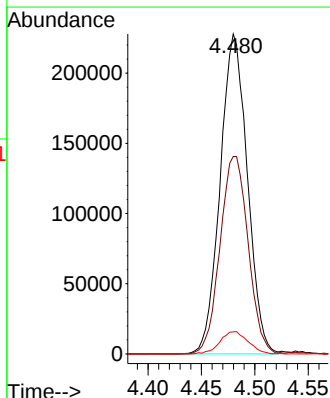
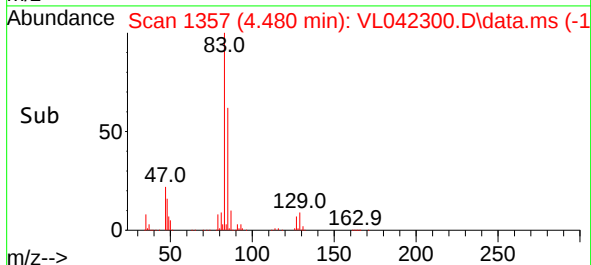
Reviewed By :Semsettin Yesilyurt 04/11/2025
Supervised By :Mahesh Dadoda 04/11/2025

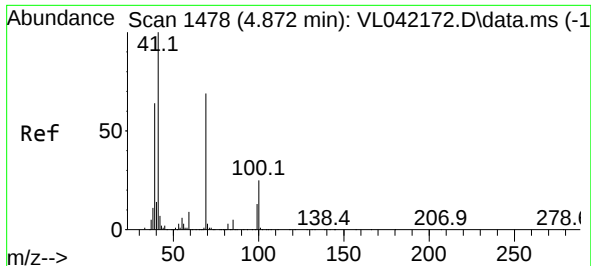


#42
Bromodichloromethane
Concen: 11.496 ppbv
RT: 4.480 min Scan# 1357
Delta R.T. -0.003 min
Lab File: VL042300.D
Acq: 10 Apr 2025 09:27



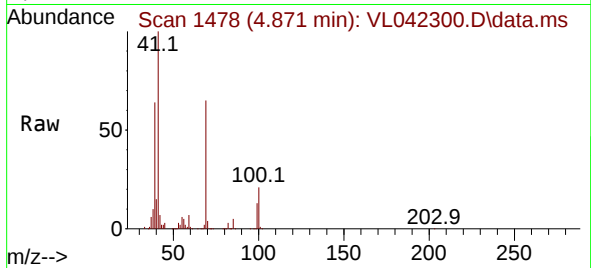
Tgt Ion: 83 Resp: 403381
Ion Ratio Lower Upper
83 100
85 61.7 50.5 75.7
127 6.9 5.9 8.9





#43
Methyl Methacrylate
Concen: 9.265 ppbv
RT: 4.871 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VL042300.D
Acq: 10 Apr 2025 09:27

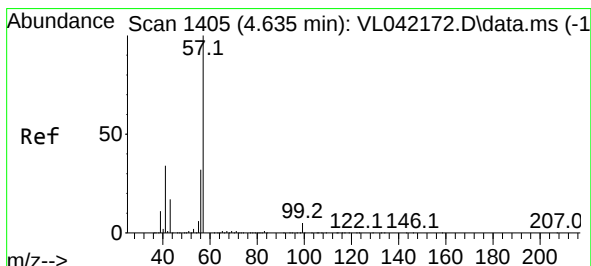
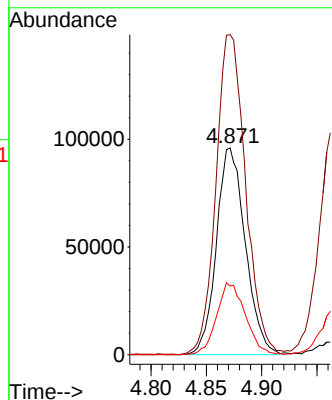
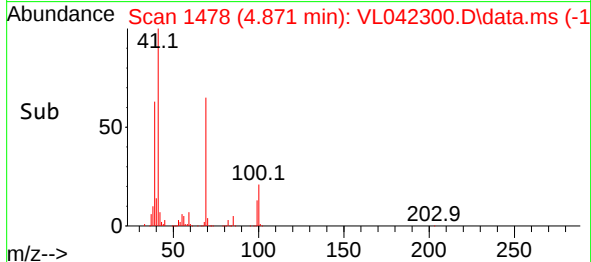
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



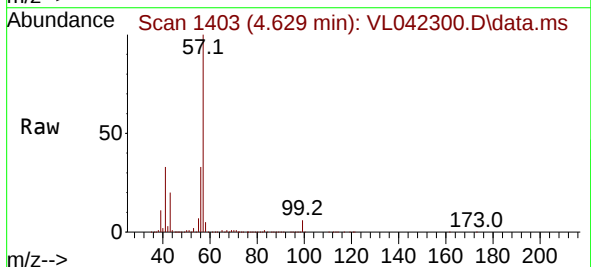
Tgt Ion: 69 Resp: 17437
Ion Ratio Lower Upper
69 100
41 158.5 123.8 185.6
100 34.5 28.4 42.6

Manual Integrations
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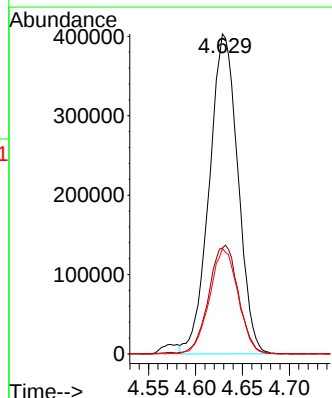
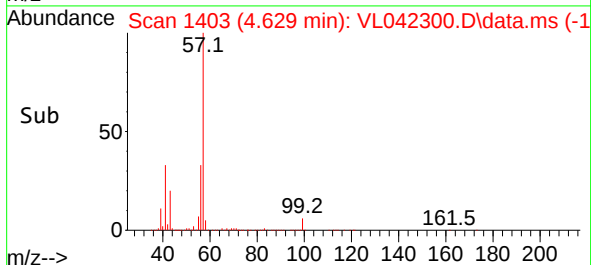
Reviewed By :Semsettin Yesilyurt 04/11/2025
Supervised By :Mahesh Dadoda 04/11/2025

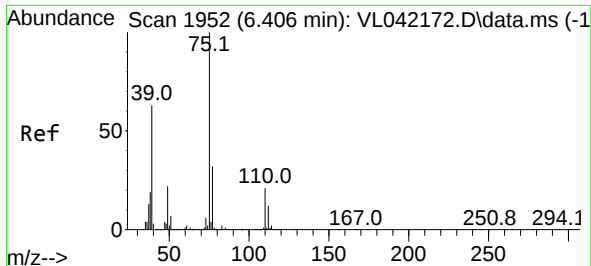


#44
2,2,4-Trimethylpentane
Concen: 11.369 ppbv
RT: 4.629 min Scan# 1403
Delta R.T. -0.007 min
Lab File: VL042300.D
Acq: 10 Apr 2025 09:27



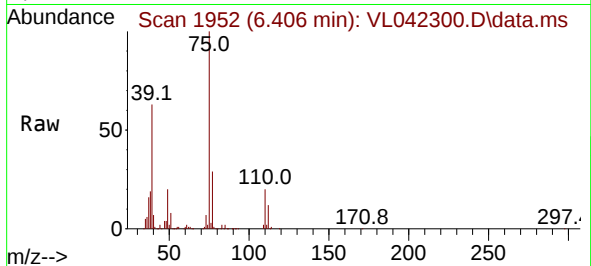
Tgt Ion: 57 Resp: 854163
Ion Ratio Lower Upper
57 100
41 35.5 26.8 40.2
56 32.9 25.6 38.4





#45
 t-1,3-Dichloropropene
 Concen: 8.172 ppbv
 RT: 6.406 min Scan# 1952
 Delta R.T. -0.000 min
 Lab File: VL042300.D
 Acq: 10 Apr 2025 09:27

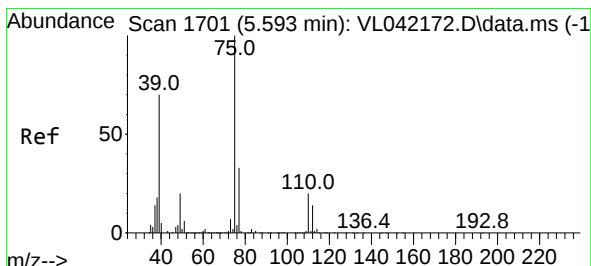
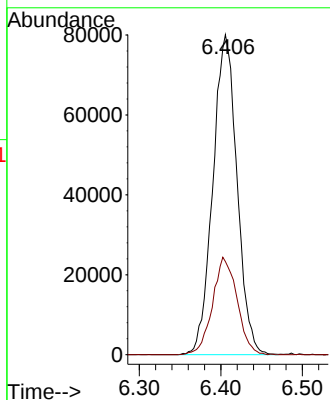
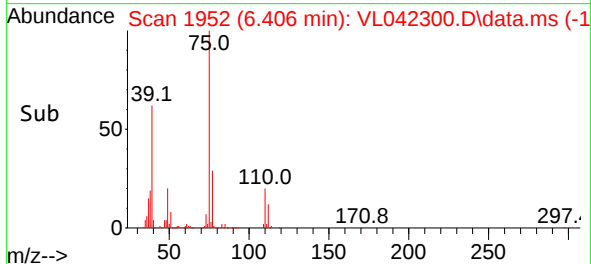
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion: 75 Resp: 16501
 Ion Ratio Lower Upper
 75 100
 77 29.1 26.0 39.0

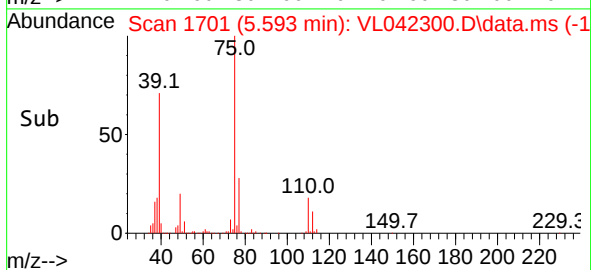
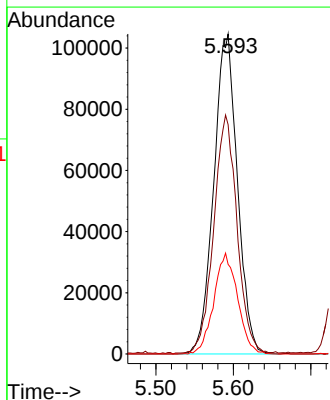
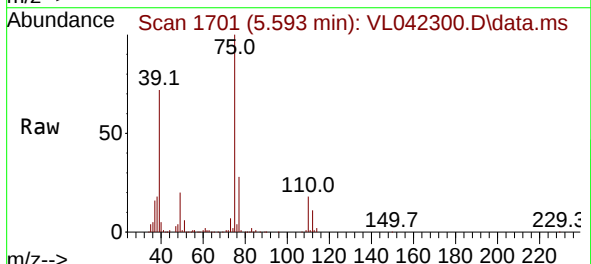
Manual Integrations
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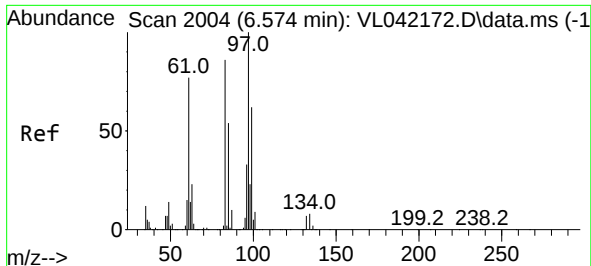
Reviewed By :Semsettin Yesilyurt 04/11/2025
 Supervised By :Mahesh Dadoda 04/11/2025



#46
 cis-1,3-Dichloropropene
 Concen: 8.962 ppbv
 RT: 5.593 min Scan# 1701
 Delta R.T. -0.000 min
 Lab File: VL042300.D
 Acq: 10 Apr 2025 09:27

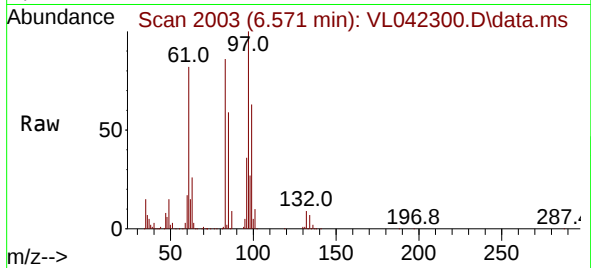
Tgt Ion: 75 Resp: 221829
 Ion Ratio Lower Upper
 75 100
 39 71.4 55.8 83.6
 77 28.0 26.0 39.0





#47
1,1,2-Trichloroethane
Concen: 11.408 ppbv
RT: 6.571 min Scan# 2004
Delta R.T. -0.003 min
Lab File: VL042300.D
Acq: 10 Apr 2025 09:27

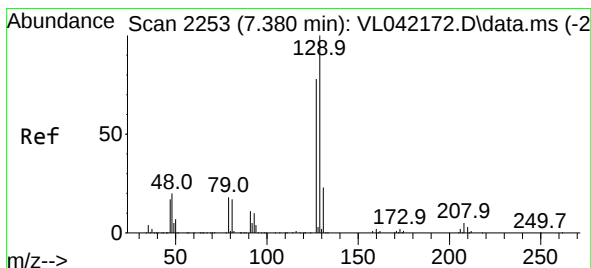
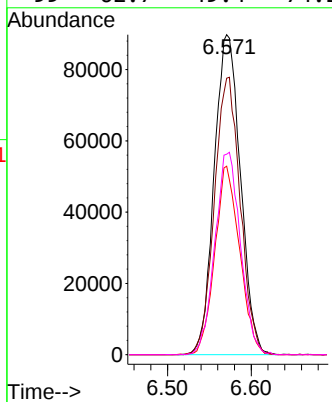
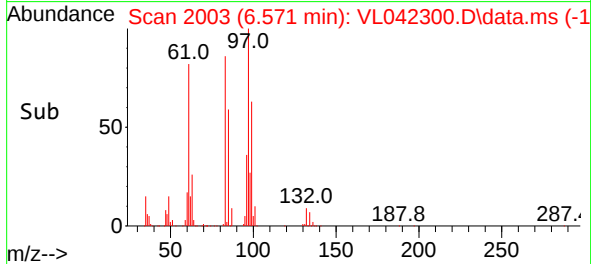
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 97 Resp: 195254
Ion Ratio Lower Upper
97 100
83 86.4 69.2 103.8
85 58.9 43.1 64.7
99 62.7 49.4 74.2

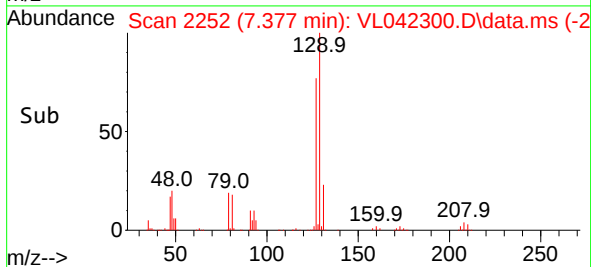
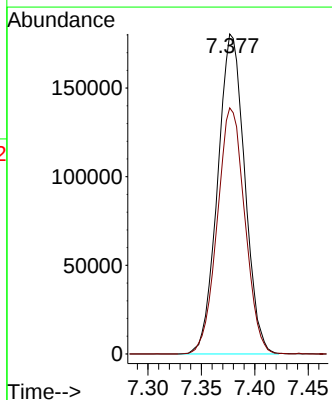
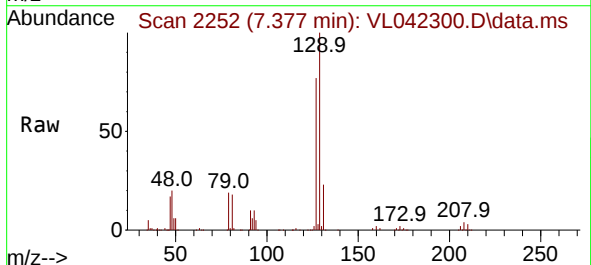
Manual Integrations
APPROVED

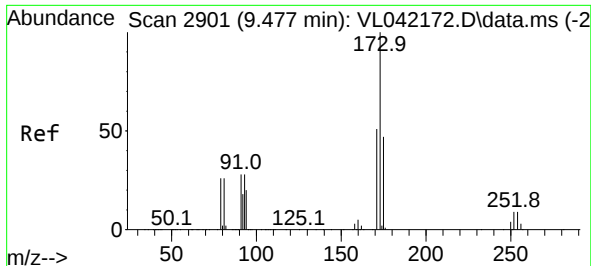
Reviewed By :Semsettin Yesilyurt 04/11/2025
Supervised By :Mahesh Dadoda 04/11/2025



#48
Dibromochloromethane
Concen: 10.970 ppbv
RT: 7.377 min Scan# 2252
Delta R.T. -0.003 min
Lab File: VL042300.D
Acq: 10 Apr 2025 09:27

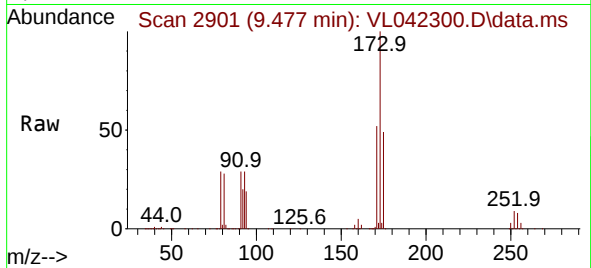
Tgt Ion:129 Resp: 318189
Ion Ratio Lower Upper
129 100
127 78.3 39.1 117.2





#49
Bromoform
Concen: 10.964 ppbv
RT: 9.477 min Scan# 2901
Delta R.T. -0.000 min
Lab File: VL042300.D
Acq: 10 Apr 2025 09:27

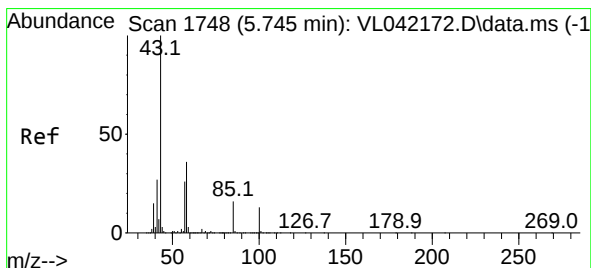
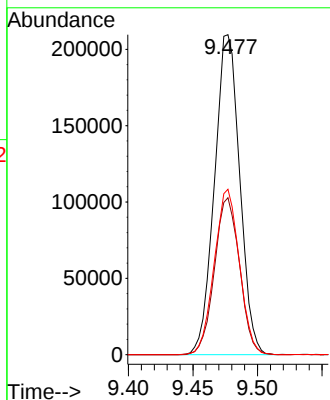
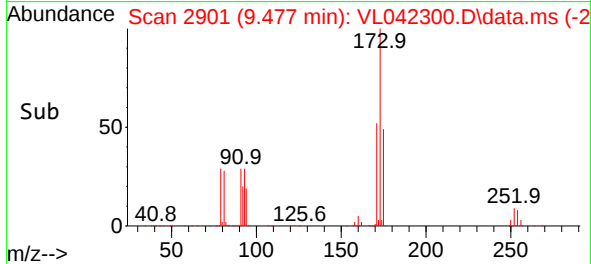
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



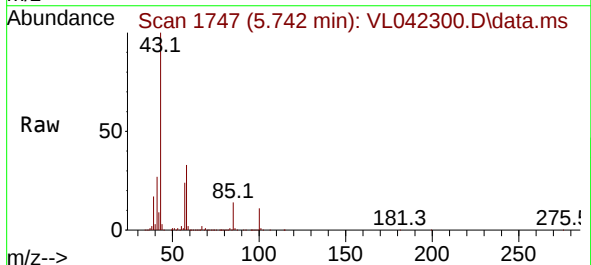
Tgt Ion:173 Resp: 28551
Ion Ratio Lower Upper
173 100
175 48.7 38.6 57.8
171 51.4 41.8 62.6

Manual Integrations
APPROVED

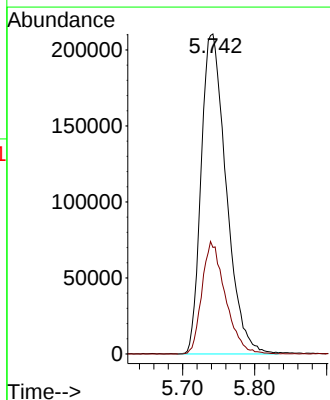
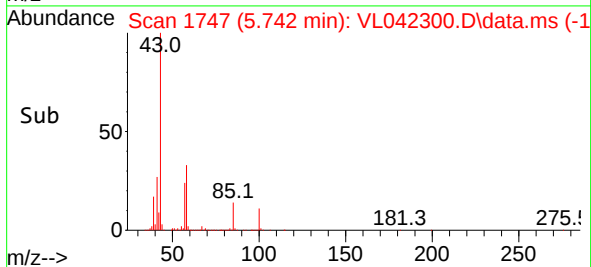
Reviewed By :Semsettin Yesilyurt 04/11/2025
Supervised By :Mahesh Dadoda 04/11/2025

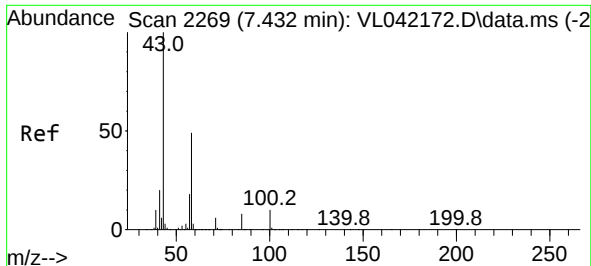


#50
4-Methyl-2-Pentanone
Concen: 9.852 ppbv
RT: 5.742 min Scan# 1747
Delta R.T. -0.003 min
Lab File: VL042300.D
Acq: 10 Apr 2025 09:27



Tgt Ion: 43 Resp: 507692
Ion Ratio Lower Upper
43 100
58 32.9 29.0 43.6





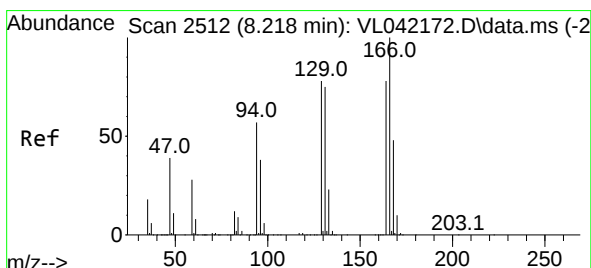
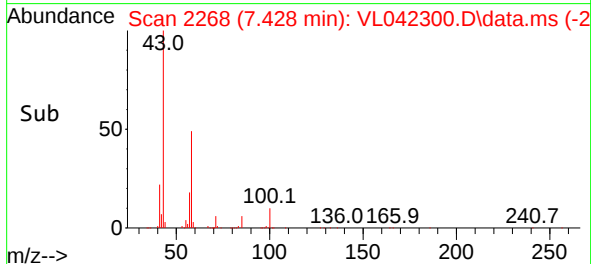
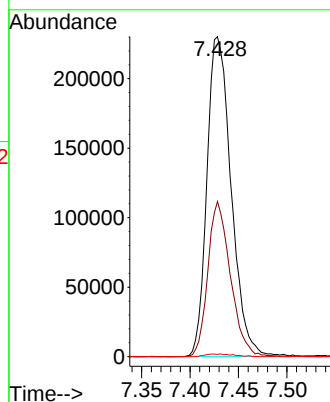
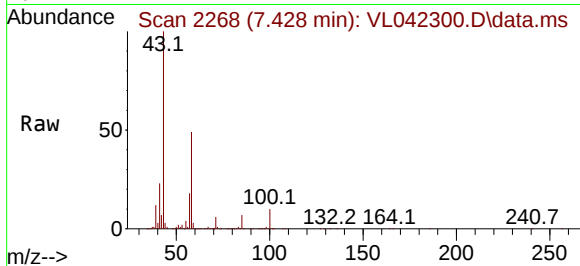
#51
2-Hexanone
Concen: 9.449 ppbv
RT: 7.428 min Scan# 2111
Delta R.T. -0.003 min
Lab File: VL042300.D
Acq: 10 Apr 2025 09:27

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 39988
Ion Ratio Lower Upper
43 100
58 45.4 39.7 59.5
98 1.0 0.1 0.1

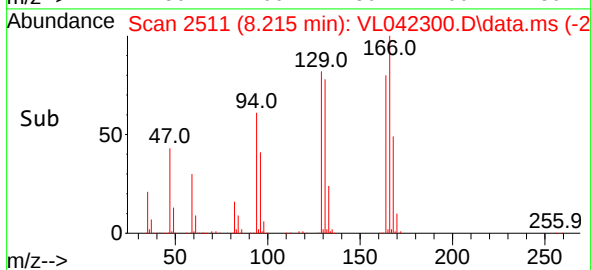
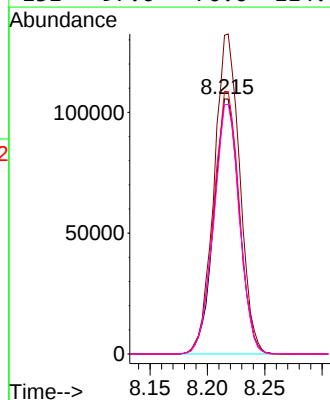
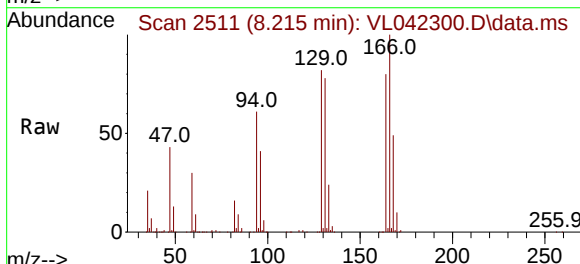
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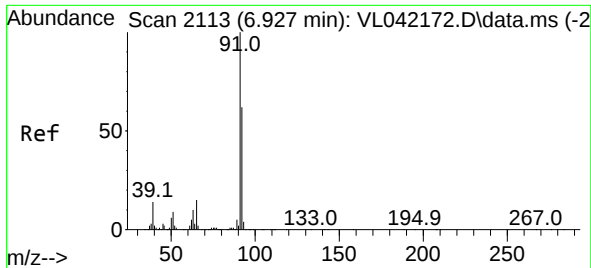
Reviewed By :Semsettin Yesilyurt 04/11/2025
Supervised By :Mahesh Dadoda 04/11/2025



#52
Tetrachloroethene
Concen: 9.243 ppbv
RT: 8.215 min Scan# 2511
Delta R.T. -0.003 min
Lab File: VL042300.D
Acq: 10 Apr 2025 09:27

Tgt Ion:164 Resp: 162967
Ion Ratio Lower Upper
164 100
166 125.0 102.5 153.7
129 103.0 79.8 119.8
131 97.6 76.6 114.8





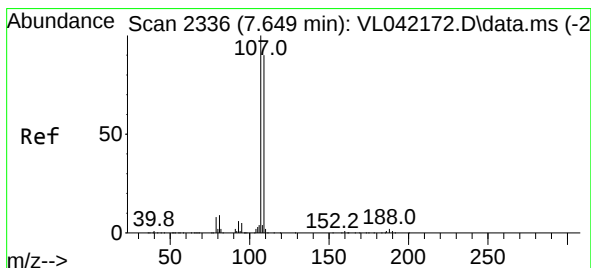
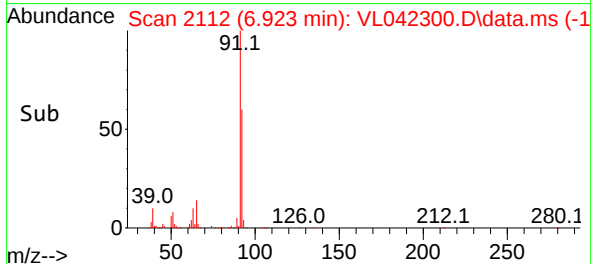
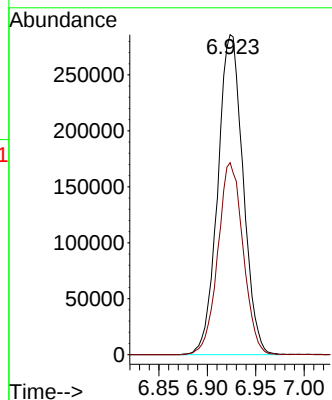
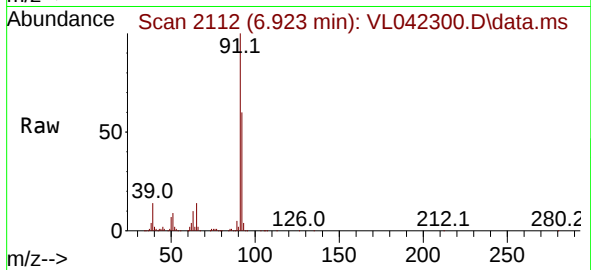
#53
Toluene
Concen: 9.865 ppbv
RT: 6.923 min Scan# 2113
Delta R.T. -0.003 min
Lab File: VL042300.D
Acq: 10 Apr 2025 09:27

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 51986
Ion Ratio Lower Upper
91 100
92 59.9 48.4 72.6

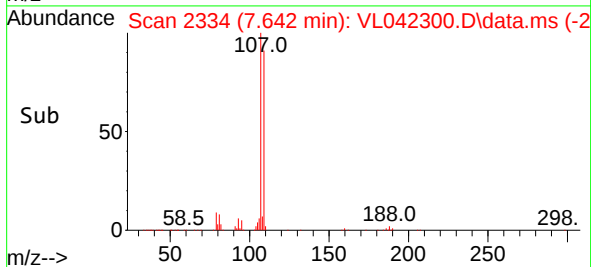
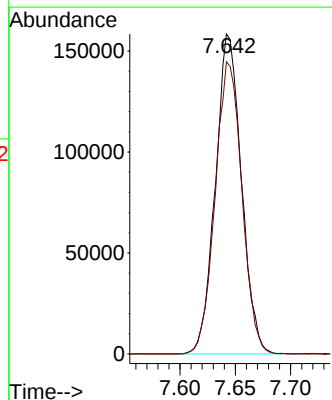
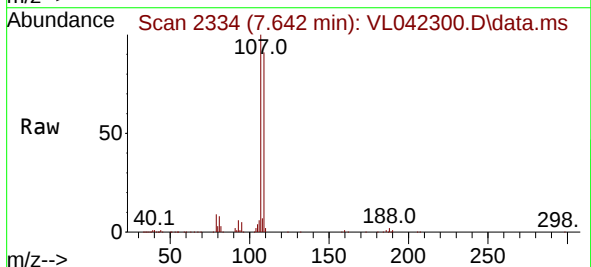
Manual Integrations
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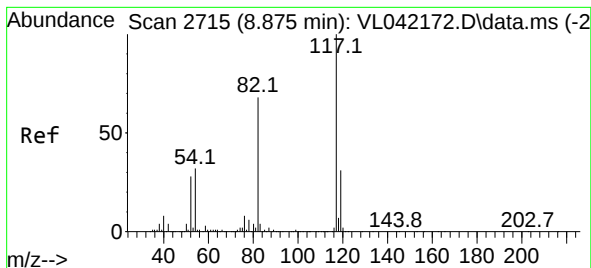
Reviewed By :Semsettin Yesilyurt 04/11/2025
Supervised By :Mahesh Dadoda 04/11/2025



#54
1,2-Dibromoethane
Concen: 10.842 ppbv
RT: 7.642 min Scan# 2334
Delta R.T. -0.007 min
Lab File: VL042300.D
Acq: 10 Apr 2025 09:27

Tgt Ion:107 Resp: 258669
Ion Ratio Lower Upper
107 100
109 91.2 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: VL042300.D

Acq: 10 Apr 2025 09:27

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

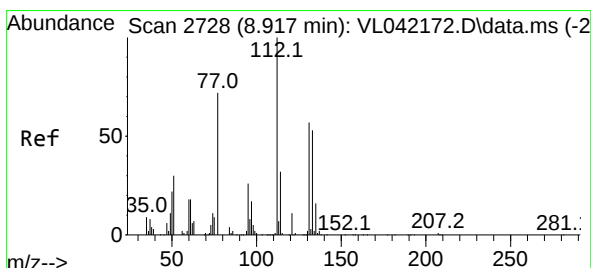
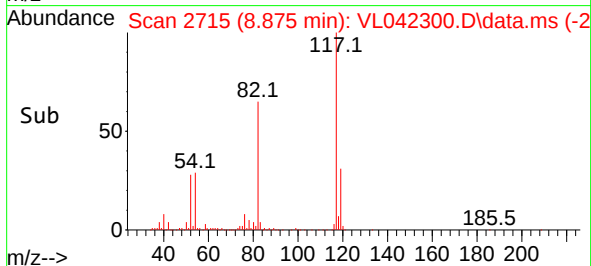
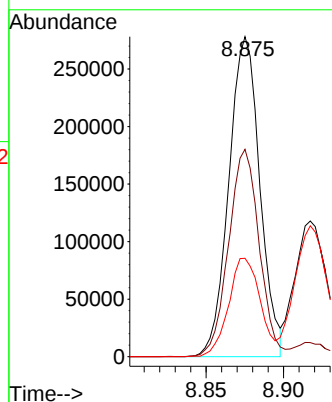
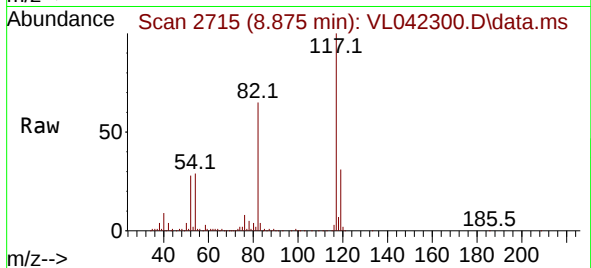
Tgt Ion:117 Resp: 388079

Ion	Ratio	Lower	Upper
117	100		
82	68.7	55.8	83.6
119	32.2	25.5	38.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/11/2025
Supervised By :Mahesh Dadoda 04/11/2025



#56

1,1,1,2-Tetrachloroethane

Concen: 12.536 ppbv

RT: 8.917 min Scan# 2728

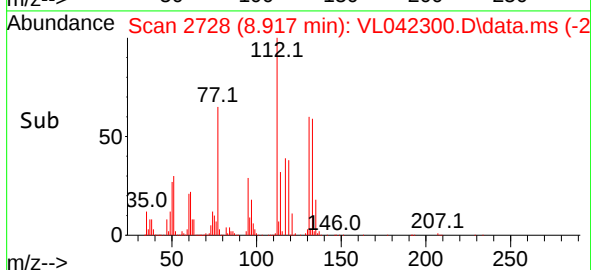
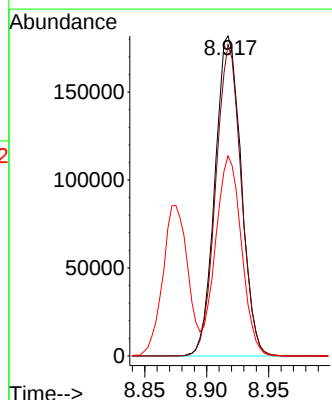
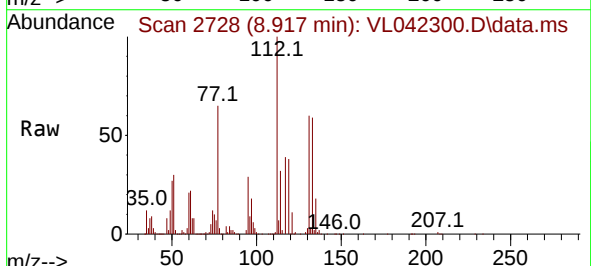
Delta R.T. -0.000 min

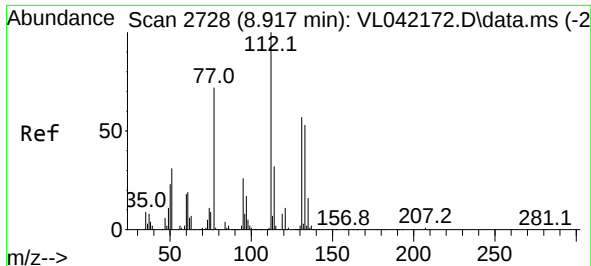
Lab File: VL042300.D

Acq: 10 Apr 2025 09:27

Tgt Ion:131 Resp: 267799

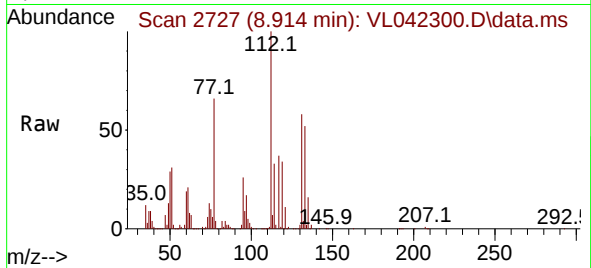
Ion	Ratio	Lower	Upper
131	100		
133	94.5	76.6	114.8
119	61.8	49.8	74.6





#57
Chlorobenzene
Concen: 12.212 ppbv
RT: 8.914 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL042300.D
Acq: 10 Apr 2025 09:27

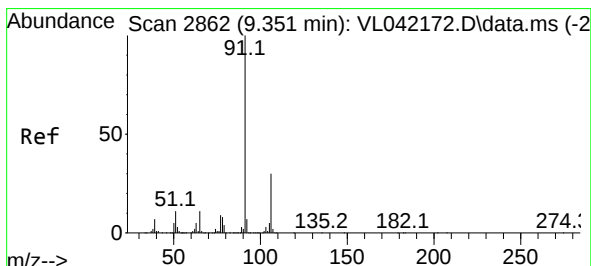
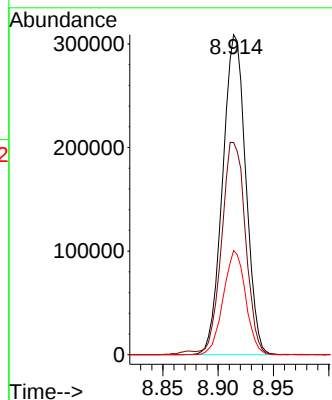
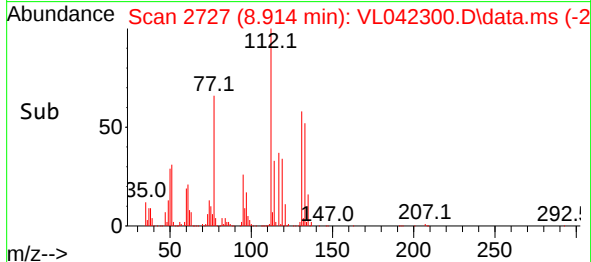
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



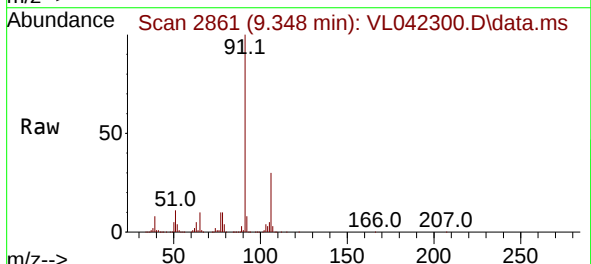
Tgt Ion: 112 Resp: 44952
Ion Ratio Lower Upper
112 100
77 66.2 58.2 87.2
114 32.6 29.1 35.5

Manual Integrations
APPROVED

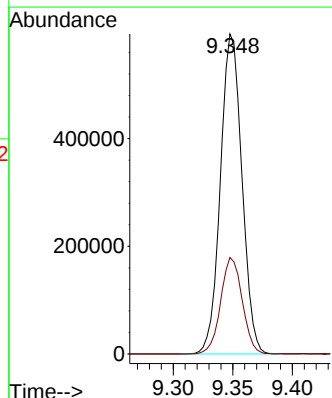
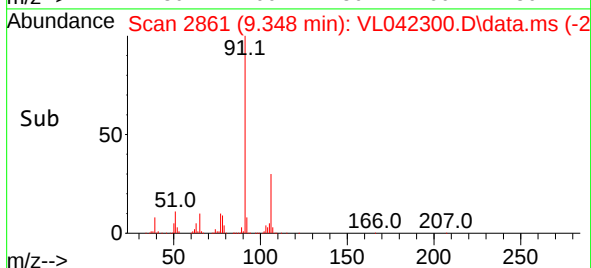
Reviewed By :Semsettin Yesilyurt 04/11/2025
Supervised By :Mahesh Dadoda 04/11/2025

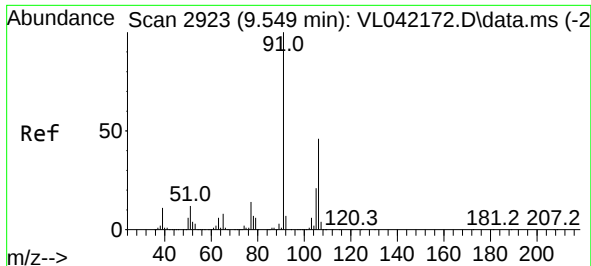


#58
Ethyl Benzene
Concen: 10.817 ppbv
RT: 9.348 min Scan# 2861
Delta R.T. -0.003 min
Lab File: VL042300.D
Acq: 10 Apr 2025 09:27



Tgt Ion: 91 Resp: 745642
Ion Ratio Lower Upper
91 100
106 30.2 24.2 36.2





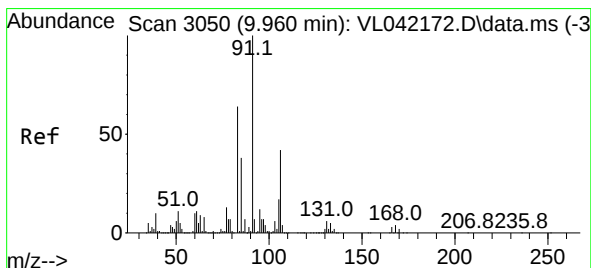
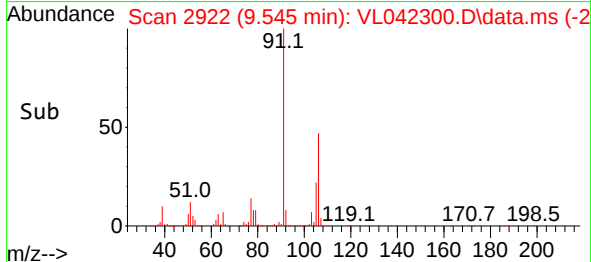
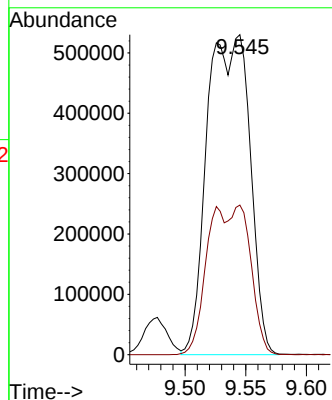
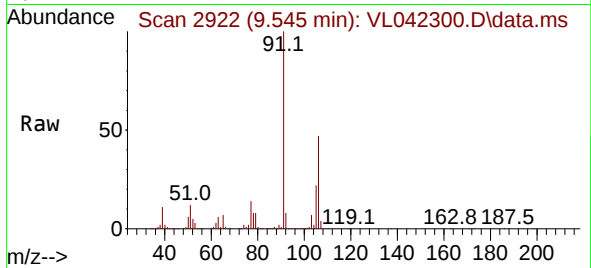
#59
m/p-Xylene
Concen: 23.631 ppbv m
RT: 9.545 min Scan# 2923
Delta R.T. -0.003 min
Lab File: VL042300.D
Acq: 10 Apr 2025 09:27

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 1300739
Ion Ratio Lower Upper
91 100
106 46.6 36.4 54.6

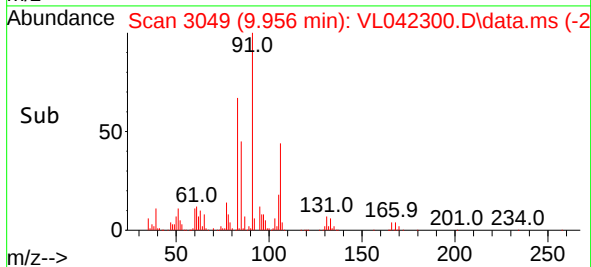
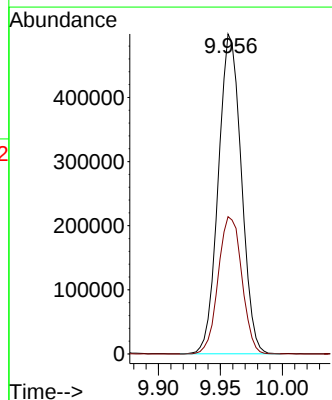
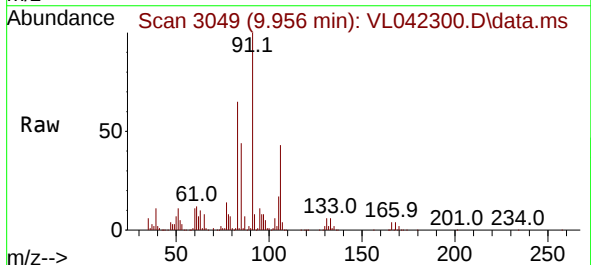
Manual Integrations
APPROVED

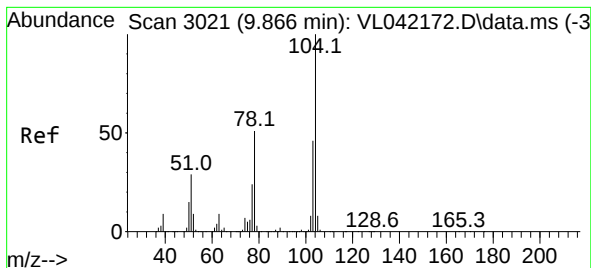
Reviewed By :Semsettin Yesilyurt 04/11/2025
Supervised By :Mahesh Dadoda 04/11/2025



#60
o-Xylene
Concen: 11.695 ppbv
RT: 9.956 min Scan# 3049
Delta R.T. -0.003 min
Lab File: VL042300.D
Acq: 10 Apr 2025 09:27

Tgt Ion: 91 Resp: 645311
Ion Ratio Lower Upper
91 100
106 44.1 20.8 62.5





#61

Styrene

Concen: 10.169 ppbv

RT: 9.866 min Scan# 3021

Delta R.T. -0.000 min

Lab File: VL042300.D

Acq: 10 Apr 2025 09:27

Instrument :

MSVOA_L

ClientSampleId :

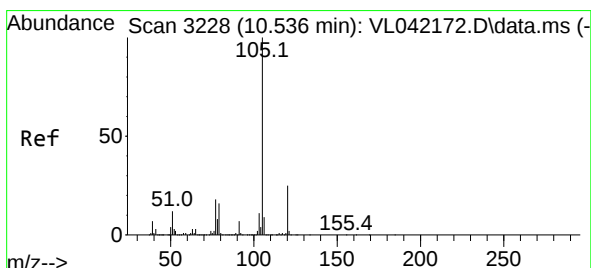
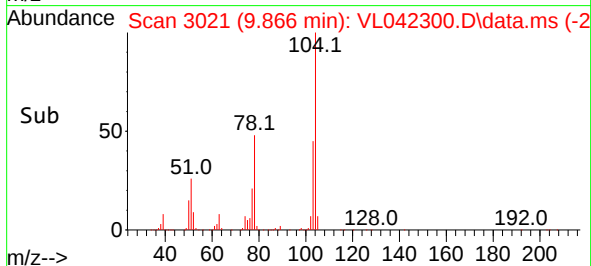
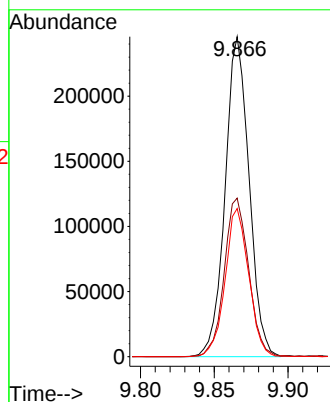
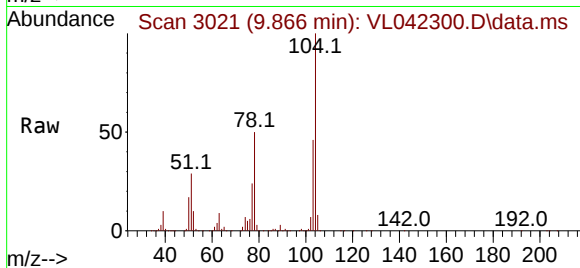
VSTDCCC010

Tgt Ion:104 Resp: 277590
 Ion Ratio Lower Upper
 104 100
 78 50.6 41.8 62.6
 103 45.8 37.0 55.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/11/2025
 Supervised By :Mahesh Dadoda 04/11/2025



#62

Isopropylbenzene

Concen: 11.681 ppbv

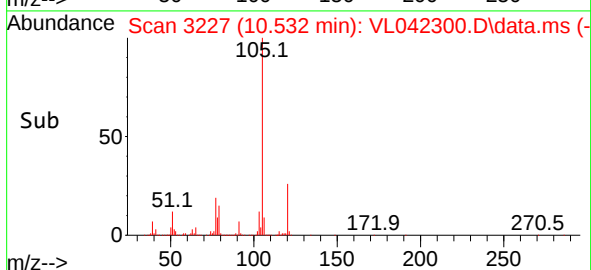
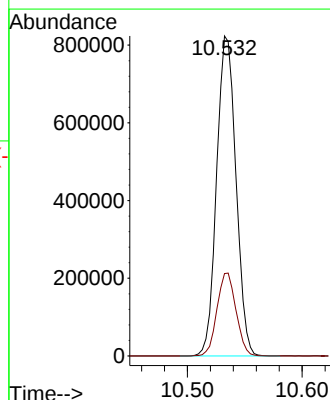
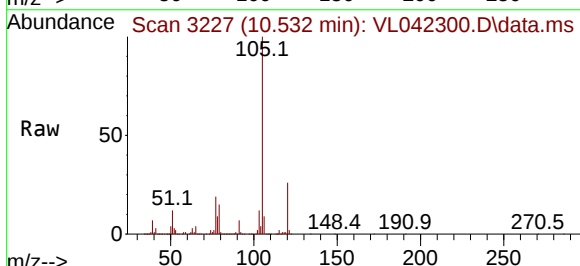
RT: 10.532 min Scan# 3227

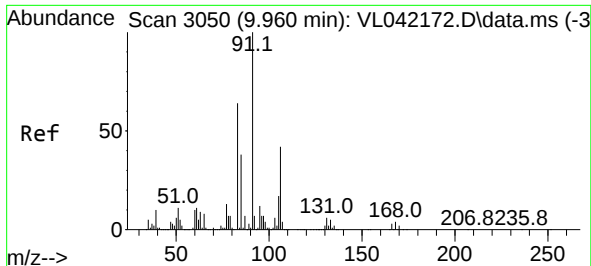
Delta R.T. -0.003 min

Lab File: VL042300.D

Acq: 10 Apr 2025 09:27

Tgt Ion:105 Resp: 963868
 Ion Ratio Lower Upper
 105 100
 120 25.5 19.9 29.9





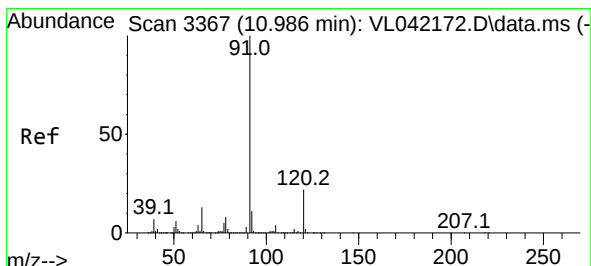
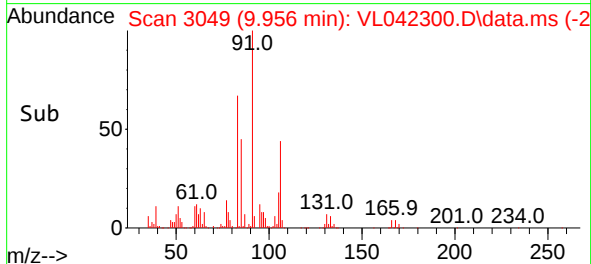
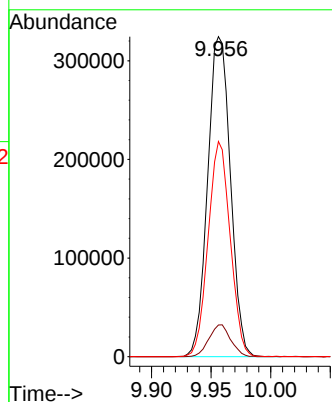
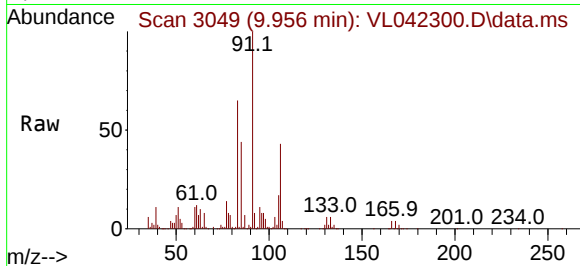
#63
1,1,2,2-Tetrachloroethane
Concen: 12.884 ppbv
RT: 9.956 min Scan# 3050
Delta R.T. -0.003 min
Lab File: VL042300.D
Acq: 10 Apr 2025 09:27

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 83 Resp: 431960
Ion Ratio Lower Upper
83 100
131 9.5 4.8 14.4
85 65.2 32.5 97.5

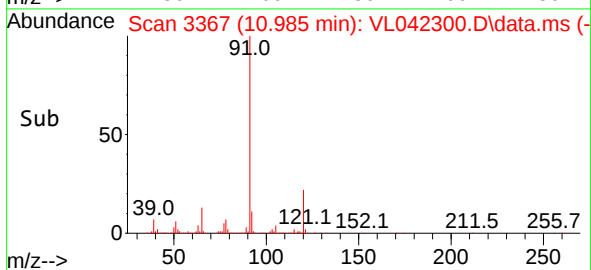
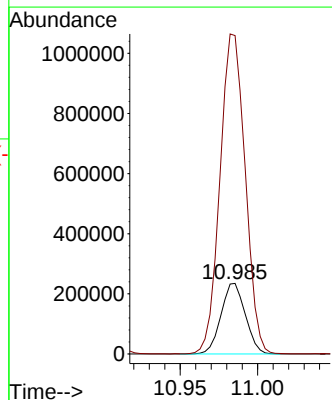
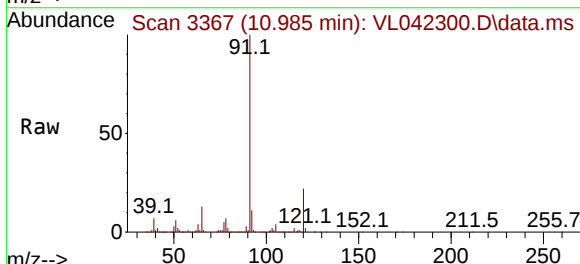
Manual Integrations
APPROVED

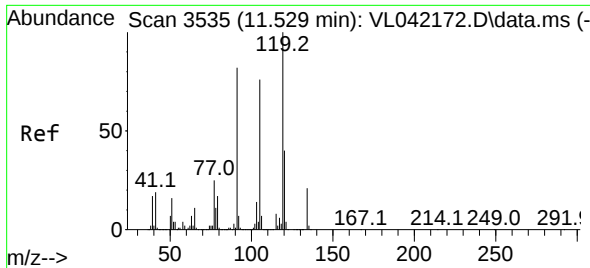
Reviewed By :Semsettin Yesilyurt 04/11/2025
Supervised By :Mahesh Dadoda 04/11/2025



#64
n-propylbenzene
Concen: 12.045 ppbv
RT: 10.985 min Scan# 3367
Delta R.T. -0.000 min
Lab File: VL042300.D
Acq: 10 Apr 2025 09:27

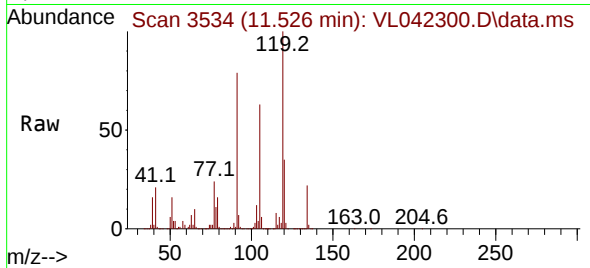
Tgt Ion:120 Resp: 255844
Ion Ratio Lower Upper
120 100
91 472.5 376.9 565.3





#65
tert-Butylbenzene
Concen: 11.609 ppbv
RT: 11.526 min Scan# 3534
Delta R.T. -0.003 min
Lab File: VL042300.D
Acq: 10 Apr 2025 09:27

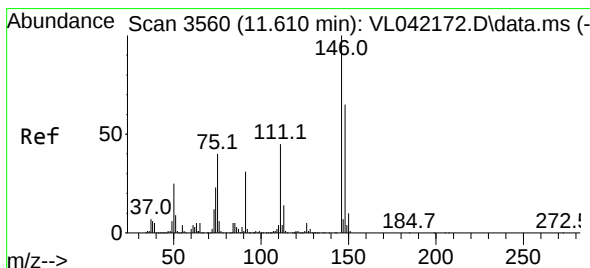
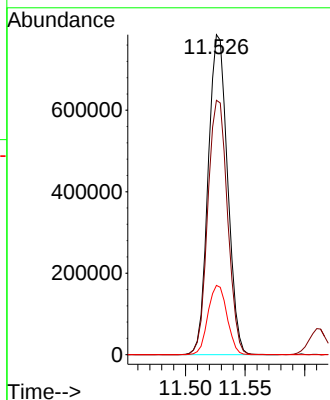
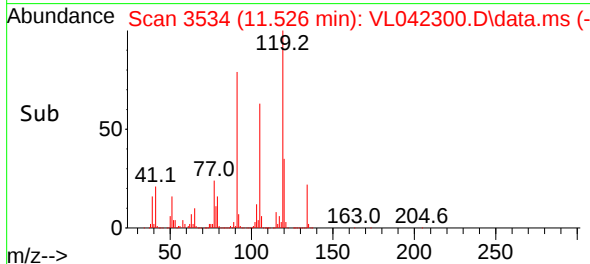
Instrument : MSVOA_L
ClientSampleId : VSTDCCC010



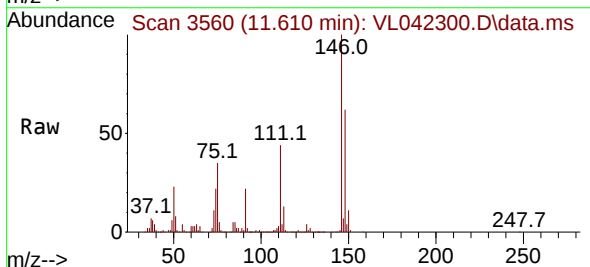
Tgt Ion: 119 Resp: 885900
Ion Ratio Lower Upper
119 100
91 81.2 66.0 99.0
134 21.3 16.7 25.1

Manual Integrations
APPROVED

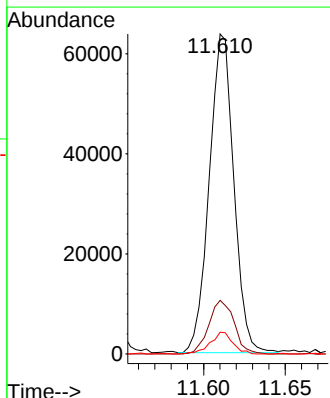
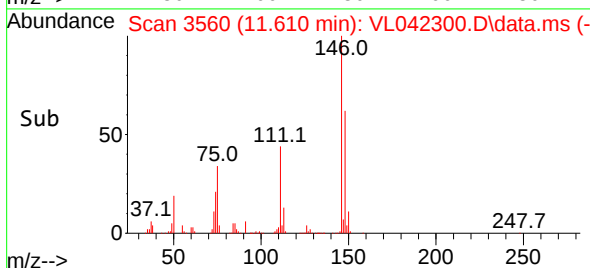
Reviewed By :Semsettin Yesilyurt 04/11/2025
Supervised By :Mahesh Dadoda 04/11/2025

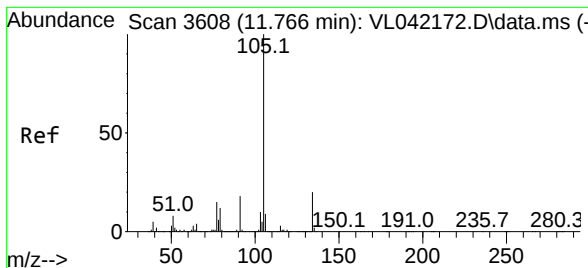


#66
Benzyl Chloride
Concen: 8.239 ppbv
RT: 11.610 min Scan# 3560
Delta R.T. -0.000 min
Lab File: VL042300.D
Acq: 10 Apr 2025 09:27



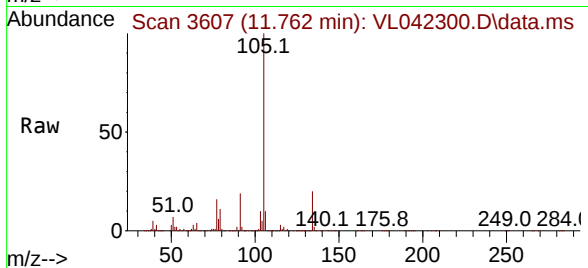
Tgt Ion: 91 Resp: 66712
Ion Ratio Lower Upper
91 100
126 17.3 13.8 20.6
128 6.4 4.5 6.7





#67
 sec-Butylbenzene
 Concen: 11.876 ppbv
 RT: 11.762 min Scan# 3608
 Delta R.T. -0.003 min
 Lab File: VL042300.D
 Acq: 10 Apr 2025 09:27

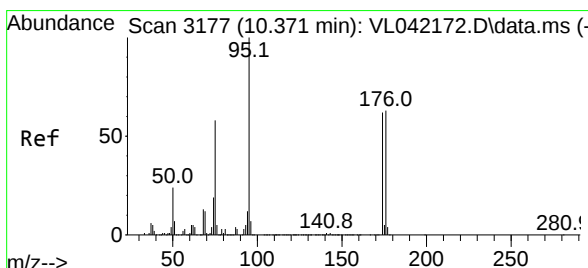
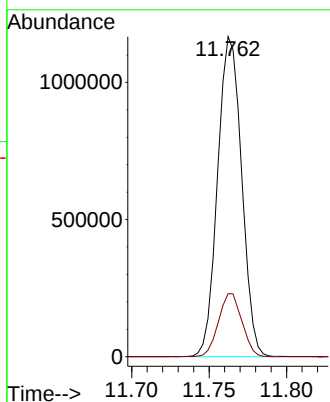
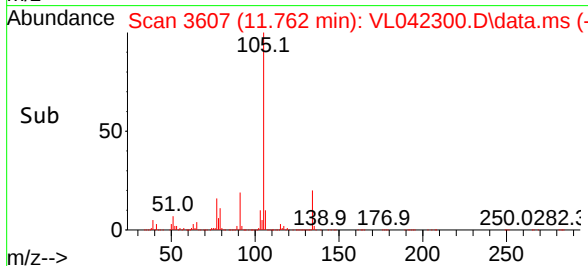
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



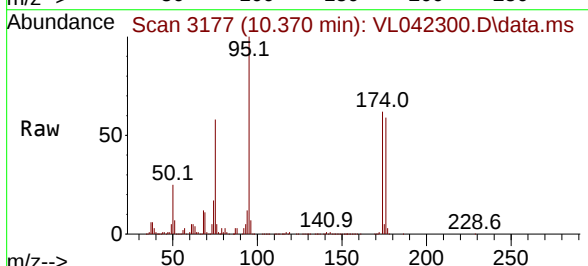
Tgt Ion:105 Resp: 1259760
 Ion Ratio Lower Upper
 105 100
 134 19.3 15.5 23.3

Manual Integrations
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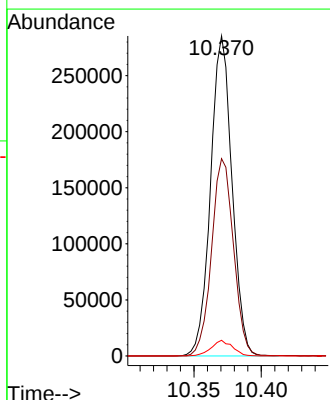
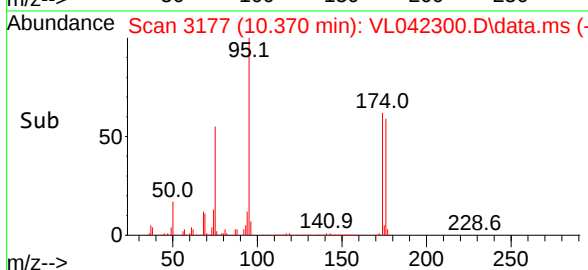
Reviewed By :Semsettin Yesilyurt 04/11/2025
 Supervised By :Mahesh Dadoda 04/11/2025

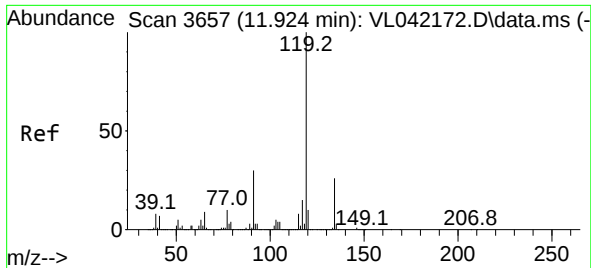


#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.911 ppbv
 RT: 10.370 min Scan# 3177
 Delta R.T. -0.000 min
 Lab File: VL042300.D
 Acq: 10 Apr 2025 09:27



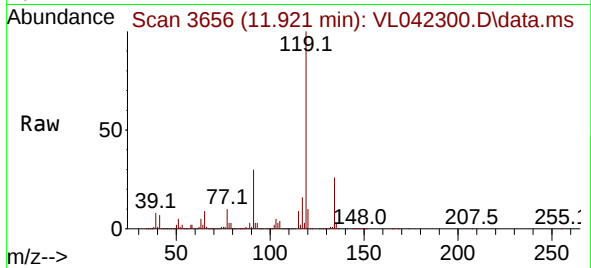
Tgt Ion: 95 Resp: 315861
 Ion Ratio Lower Upper
 95 100
 174 63.3 50.6 76.0
 175 4.9 3.8 5.6





#69
p-Isopropyltoluene
Concen: 11.839 ppbv
RT: 11.921 min Scan# 3656
Delta R.T. -0.003 min
Lab File: VL042300.D
Acq: 10 Apr 2025 09:27

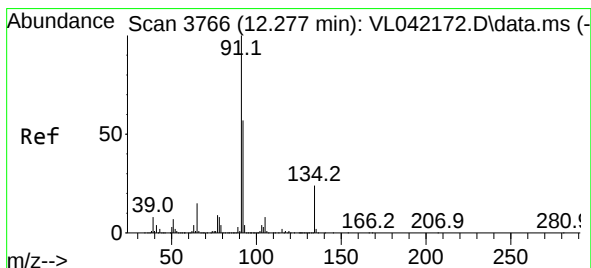
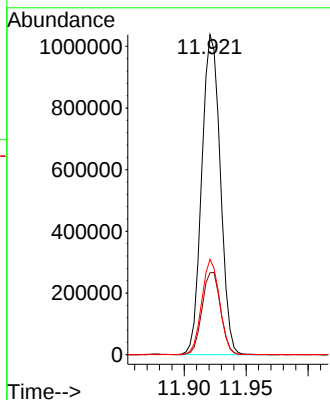
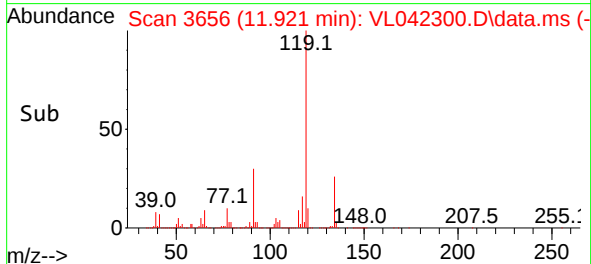
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



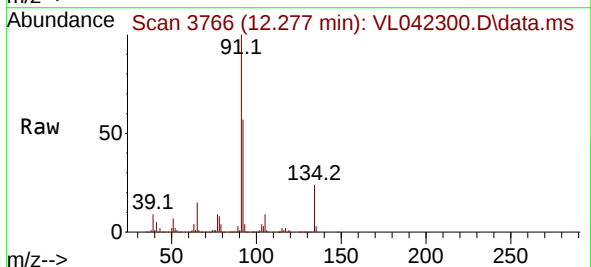
Tgt Ion: 119 Resp: 1081410
Ion Ratio Lower Upper
119 100
134 25.8 20.4 30.6
91 28.6 23.7 35.5

Manual Integrations
APPROVED

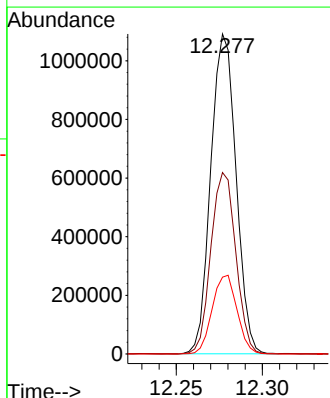
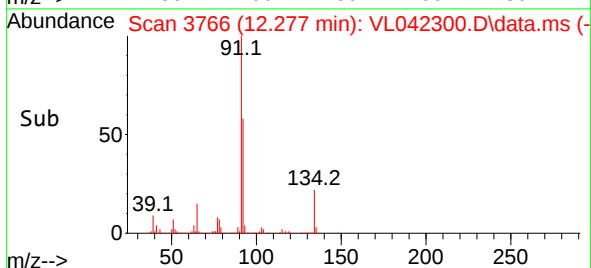
Reviewed By :Semsettin Yesilyurt 04/11/2025
Supervised By :Mahesh Dadoda 04/11/2025

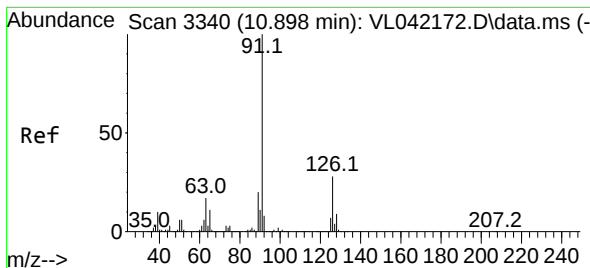


#70
n-Butylbenzene
Concen: 11.930 ppbv
RT: 12.277 min Scan# 3766
Delta R.T. -0.000 min
Lab File: VL042300.D
Acq: 10 Apr 2025 09:27



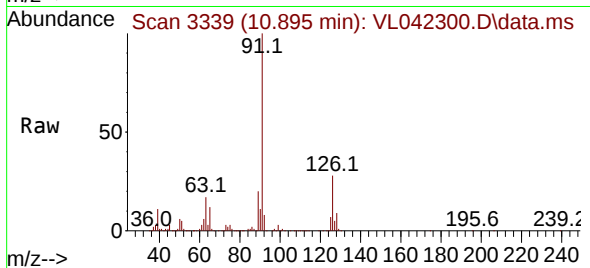
Tgt Ion: 91 Resp: 1114385
Ion Ratio Lower Upper
91 100
92 56.1 44.9 67.3
134 24.2 19.2 28.8





#71
2-Chlorotoluene
Concen: 11.488 ppbv
RT: 10.895 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL042300.D
Acq: 10 Apr 2025 09:27

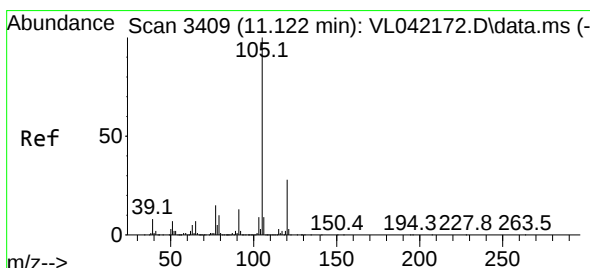
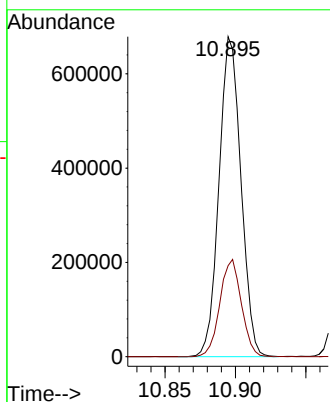
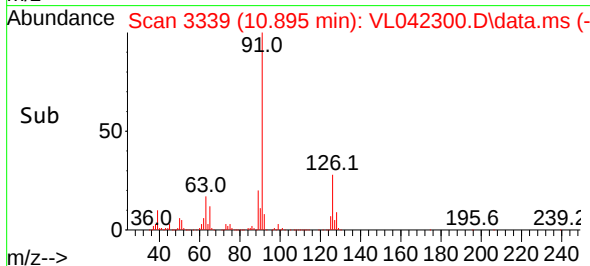
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



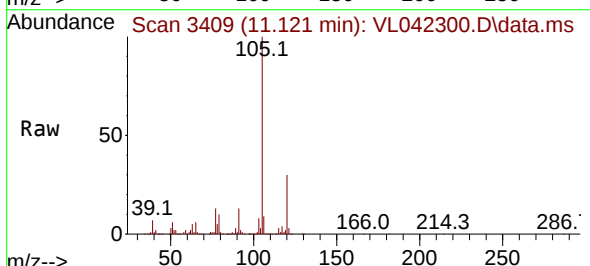
Tgt Ion: 91 Resp: 735700
Ion Ratio Lower Upper
91 100
126 29.9 11.6 46.4

Manual Integrations
APPROVED

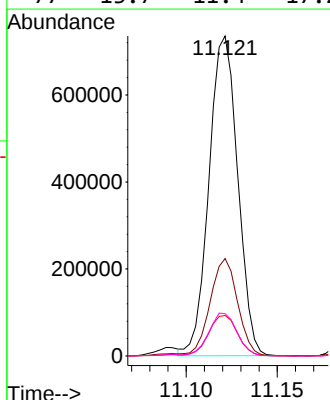
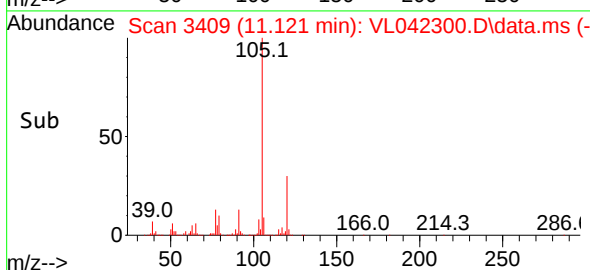
Reviewed By :Semsettin Yesilyurt 04/11/2025
Supervised By :Mahesh Dadoda 04/11/2025

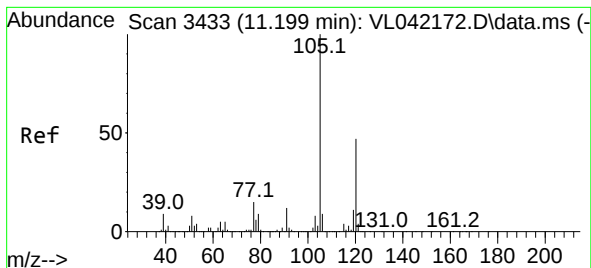


#72
4-Ethyltoluene
Concen: 11.756 ppbv
RT: 11.121 min Scan# 3409
Delta R.T. -0.000 min
Lab File: VL042300.D
Acq: 10 Apr 2025 09:27



Tgt Ion:105 Resp: 807663
Ion Ratio Lower Upper
105 100
120 29.8 23.4 35.0
91 13.1 10.3 15.5
77 13.7 11.4 17.2





#73

1,3,5-Trimethylbenzene

Concen: 11.618 ppbv

RT: 11.199 min Scan# 3433

Delta R.T. -0.000 min

Lab File: VL042300.D

Acq: 10 Apr 2025 09:27

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:105 Resp: 69715

Ion Ratio Lower Upper

105 100

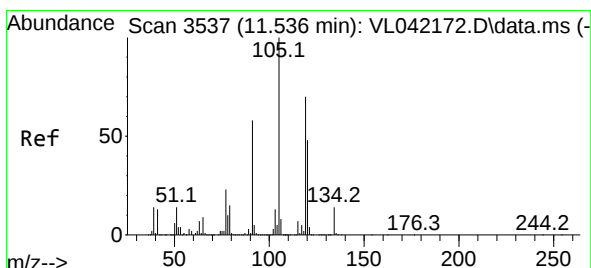
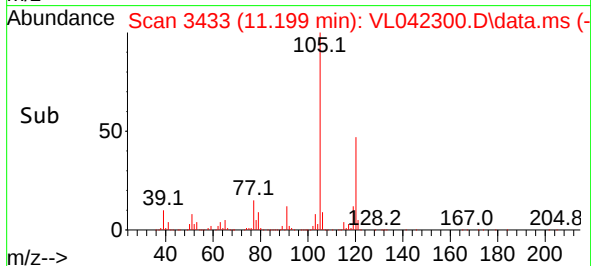
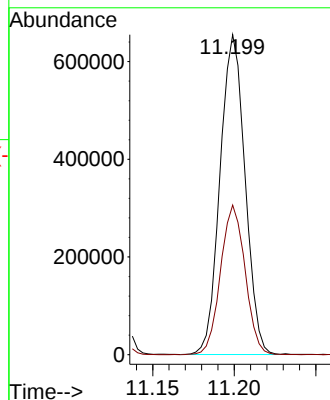
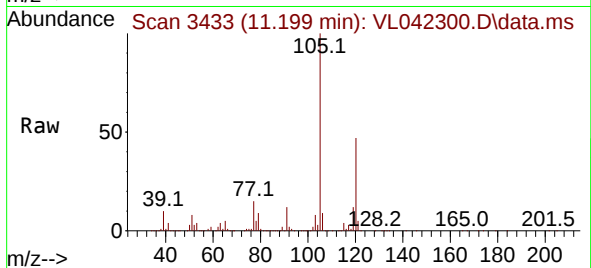
120 46.7 37.4 56.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/11/2025

Supervised By :Mahesh Dadoda 04/11/2025



#74

1,2,4-Trimethylbenzene

Concen: 11.489 ppbv

RT: 11.532 min Scan# 3536

Delta R.T. -0.003 min

Lab File: VL042300.D

Acq: 10 Apr 2025 09:27

Tgt Ion:105 Resp: 794178

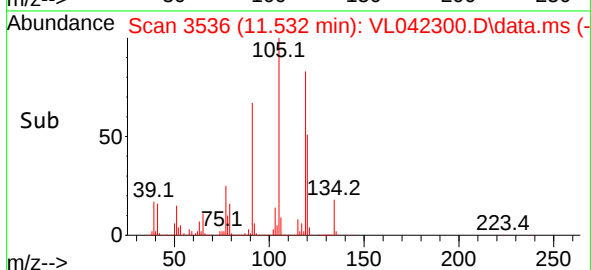
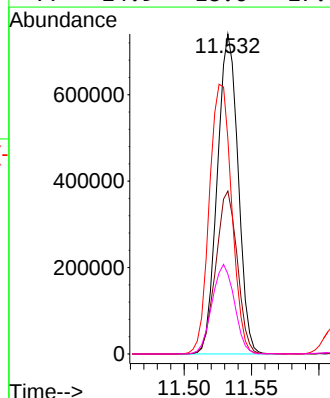
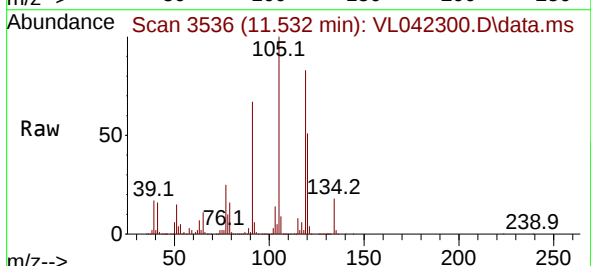
Ion Ratio Lower Upper

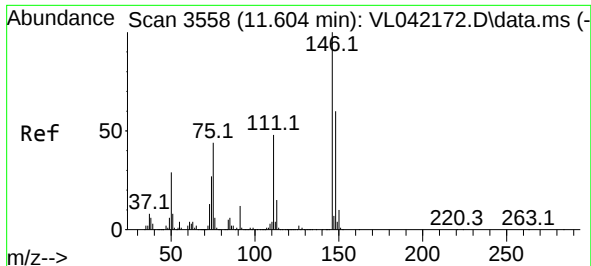
105 100

120 50.9 38.6 58.0

91 67.2 46.2 69.2

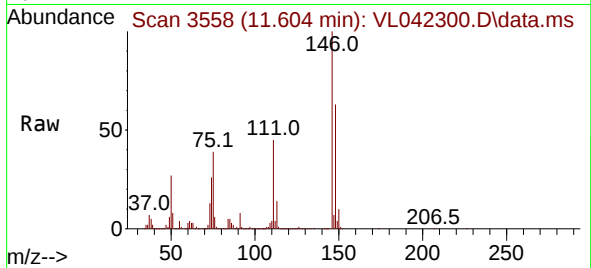
77 24.9 18.6 27.8





#75
1,3-Dichlorobenzene
Concen: 12.764 ppbv
RT: 11.604 min Scan# 3558
Delta R.T. -0.000 min
Lab File: VL042300.D
Acq: 10 Apr 2025 09:27

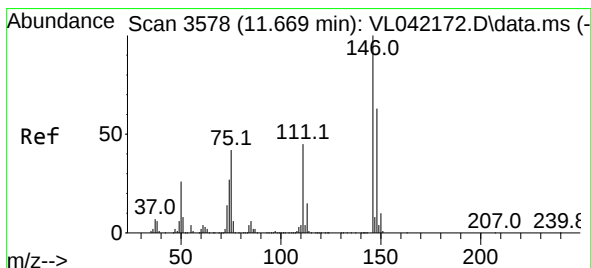
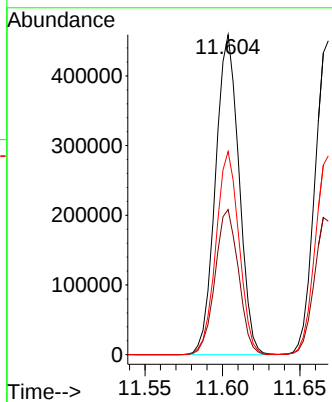
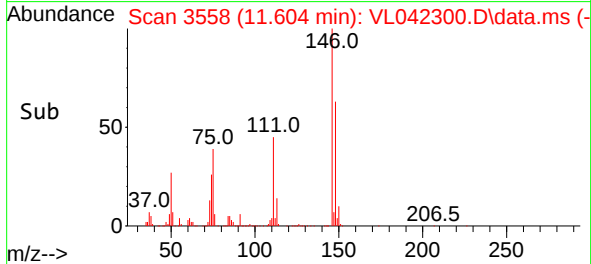
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



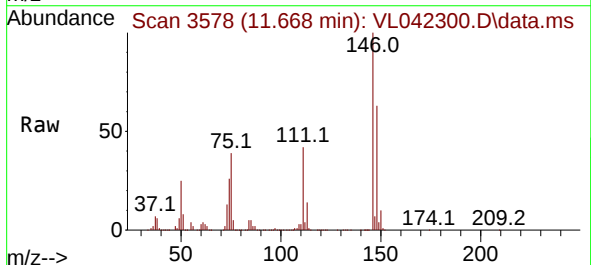
Tgt Ion:146 Resp: 483914
Ion Ratio Lower Upper
146 100
111 45.3 23.8 71.2
148 62.4 31.9 95.9

Manual Integrations
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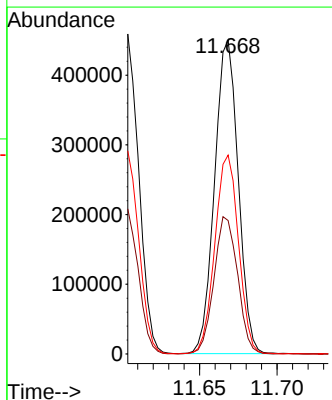
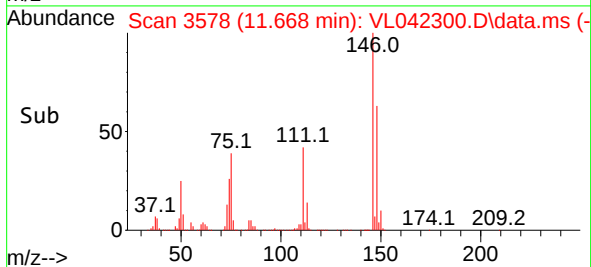
Reviewed By :Semsettin Yesilyurt 04/11/2025
Supervised By :Mahesh Dadoda 04/11/2025

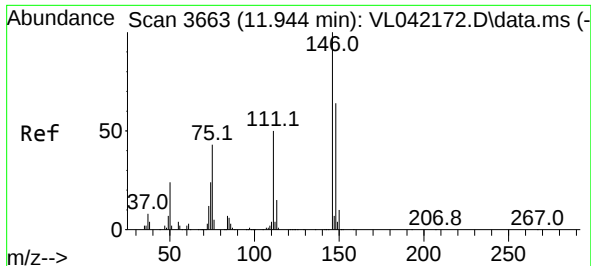


#76
1,4-Dichlorobenzene
Concen: 12.663 ppbv
RT: 11.668 min Scan# 3578
Delta R.T. -0.000 min
Lab File: VL042300.D
Acq: 10 Apr 2025 09:27



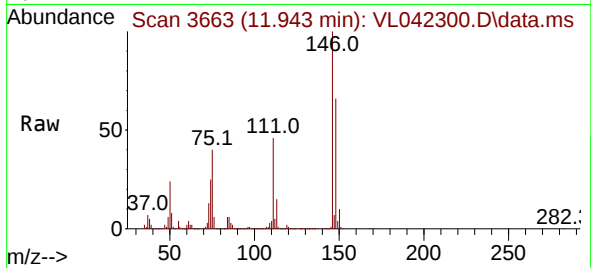
Tgt Ion:146 Resp: 477802
Ion Ratio Lower Upper
146 100
111 43.9 23.0 69.0
148 63.6 31.9 95.7





#77
1,2-Dichlorobenzene
Concen: 12.985 ppbv
RT: 11.943 min Scan# 3663
Delta R.T. -0.000 min
Lab File: VL042300.D
Acq: 10 Apr 2025 09:27

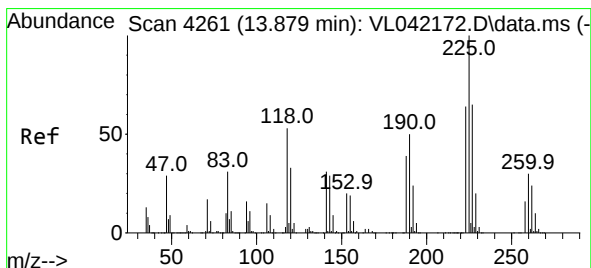
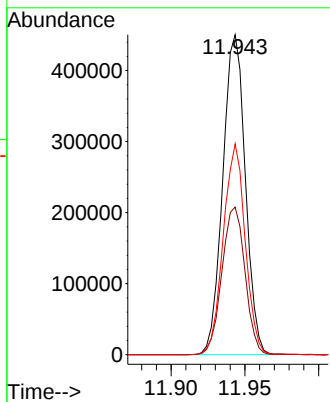
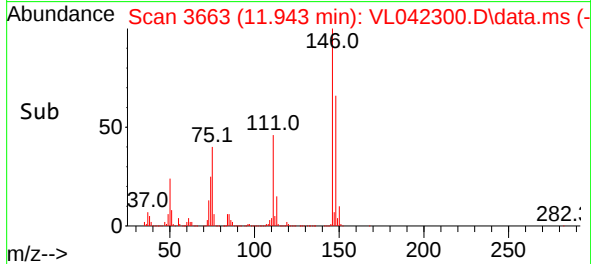
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



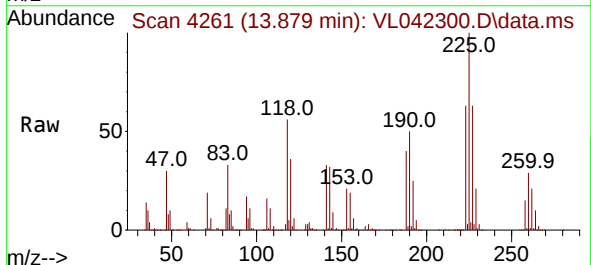
Tgt Ion:146 Resp: 47932
Ion Ratio Lower Upper
146 100
111 47.3 24.8 74.3
148 64.1 31.6 94.8

Manual Integrations
APPROVED

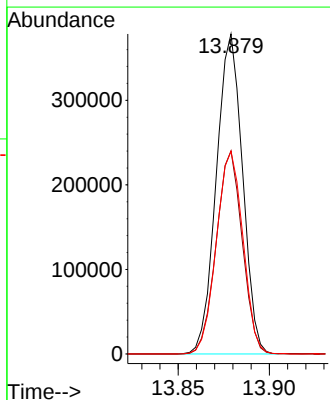
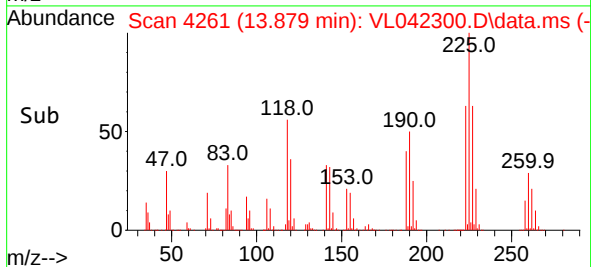
Reviewed By :Semsettin Yesilyurt 04/11/2025
Supervised By :Mahesh Dadoda 04/11/2025

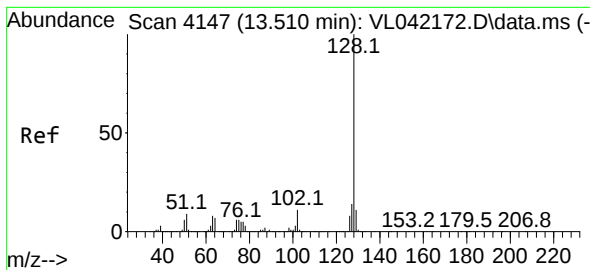


#78
Hexachloro-1,3-Butadiene
Concen: 10.064 ppbv
RT: 13.879 min Scan# 4261
Delta R.T. -0.000 min
Lab File: VL042300.D
Acq: 10 Apr 2025 09:27



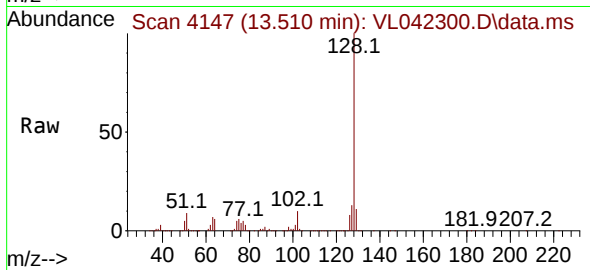
Tgt Ion:225 Resp: 378178
Ion Ratio Lower Upper
225 100
223 63.0 50.6 76.0
227 64.1 51.2 76.8





#79
Naphthalene
Concen: 12.031 ppbv
RT: 13.510 min Scan# 4147
Delta R.T. -0.000 min
Lab File: VL042300.D
Acq: 10 Apr 2025 09:27

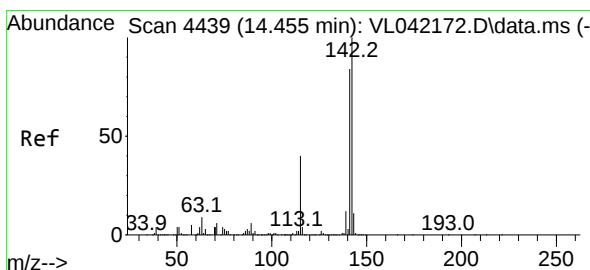
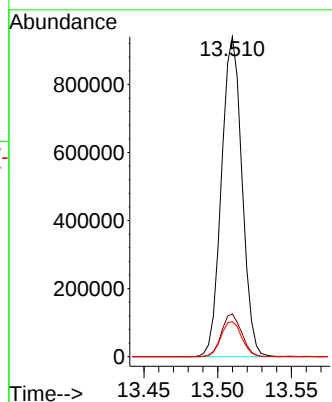
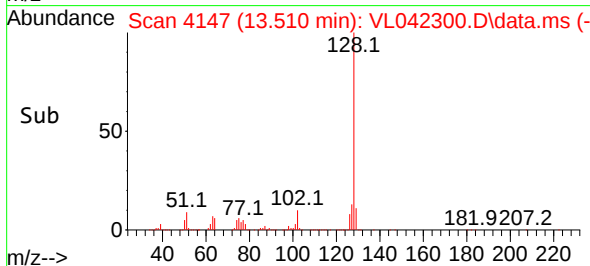
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



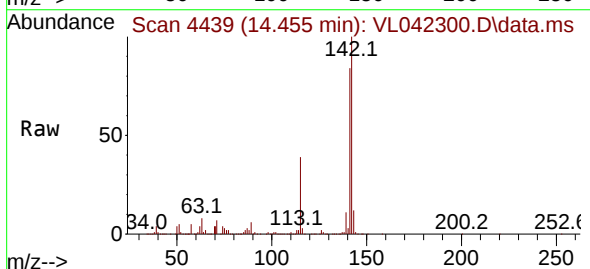
Tgt Ion:128 Resp: 909659
Ion Ratio Lower Upper
128 100
127 13.4 10.8 16.2
129 11.0 9.0 13.4

Manual Integrations
APPROVED

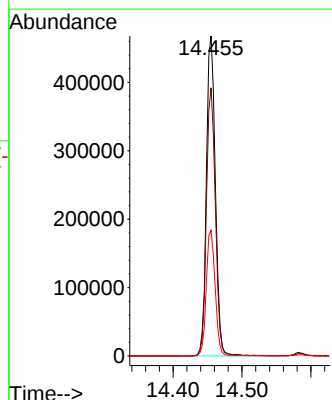
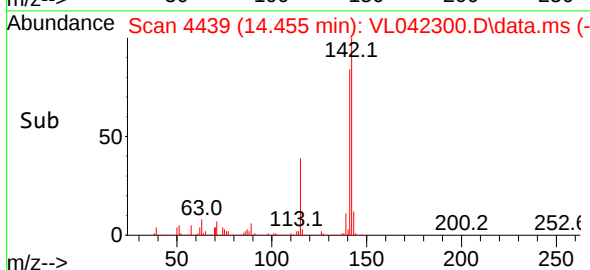
Reviewed By :Semsettin Yesilyurt 04/11/2025
Supervised By :Mahesh Dadoda 04/11/2025

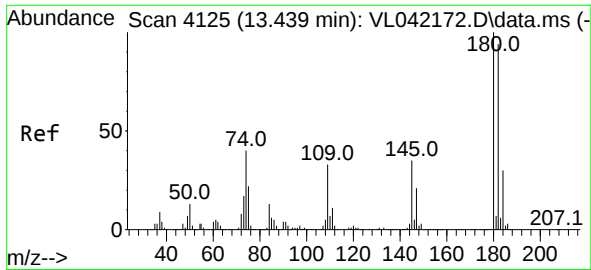


#80
Naphthalene,2-methyl-
Concen: 11.365 ppbv
RT: 14.455 min Scan# 4439
Delta R.T. -0.000 min
Lab File: VL042300.D
Acq: 10 Apr 2025 09:27



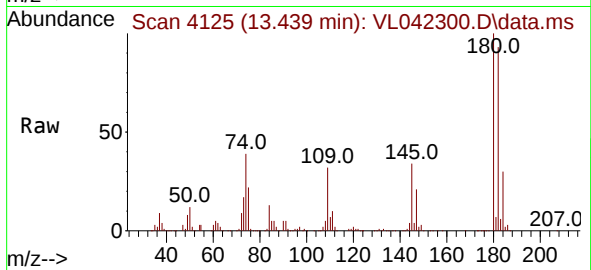
Tgt Ion:142 Resp: 421431
Ion Ratio Lower Upper
142 100
141 84.1 66.3 99.5
115 39.4 31.6 47.4





#81
 1,2,4-Trichlorobenzene
 Concen: 11.543 ppbv
 RT: 13.439 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VL042300.D
 Acq: 10 Apr 2025 09:27

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion:180 Resp: 402570
 Ion Ratio Lower Upper
 180 100
 182 95.0 75.1 112.7
 184 29.7 24.4 36.6

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 04/11/2025
 Supervised By :Mahesh Dadoda 04/11/2025

