

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL030525\
 Data File : VL042095.D
 Acq On : 05 Mar 2025 08:30
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 03/06/2025
 Supervised By : Mahesh Dadoda 03/06/2025

Quant Time: Mar 06 01:02:35 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL022525AIR.M

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

QLast Update : Wed Feb 26 01:08:36 2025

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.797	49	165815	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.972	114	390110	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.898	117	326693	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 10.390 95 254935 10.143 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 101.400%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.502	85	198877	11.534	ppbv	100
3) Chlorodifluoromethane	1.479	51	247002	10.249	ppbv	99
4) Chloromethane	1.538	50	69218	10.855	ppbv	97
5) Vinyl Chloride	1.583	62	70039	11.612	ppbv	100
6) Bromomethane	1.674	94	33156	11.545	ppbv	99
7) Chloroethane	1.709	64	27201	11.099	ppbv	93
8) Dichlorotetrafluoroethane	1.557	85	161908	11.422	ppbv	98
9) Propene	1.486	41	101132	10.301	ppbv	98
10) Heptane	4.998	43	294595	9.637	ppbv	99
11) Trichlorofluoromethane	1.881	101	207056	11.984	ppbv	100
12) 1,1,2-Trichlorotrifluo...	2.146	101	158786	11.522	ppbv	95
13) Ethanol	1.725	45	3973	6.375	ppbv	97
14) Bromoethene	1.787	108	55735	11.452	ppbv	98
15) Acetone	1.842	43	155205	10.599	ppbv	99
16) 1,3-Butadiene	1.612	39	74898	10.991	ppbv	99
17) tert-Butyl alcohol	2.046	59	177305	9.678	ppbv	98
18) 1,1-Dichloroethene	2.039	96	66720	10.714	ppbv	96
19) Isopropyl Alcohol	1.890	45	90553	10.766	ppbv	99
20) Methylene Chloride	2.065	84	56483	10.197	ppbv	97
21) Allyl Chloride	2.101	41	112377	10.621	ppbv	99
22) trans-1,2-Dichloroethene	2.347	96	80221	11.051	ppbv	97
23) Vinyl Acetate	2.473	43	92000	8.935	ppbv	99
24) 1,1-Dichloroethane	2.415	63	153390	11.356	ppbv	99
25) Ethyl Acetate	2.845	43	605239	10.326	ppbv	99
26) Hexane	2.836	57	233025	9.834	ppbv	94
27) Carbon Disulfide	2.156	76	186945	11.638	ppbv	98
28) Methyl tert-Butyl Ether	2.450	73	124722	10.572	ppbv	98
29) Chloroform	2.858	83	317011	9.940	ppbv	97
30) Cyclohexane	3.868	84	181970	9.461	ppbv	94
31) cis-1,2-Dichloroethene	2.729	61	218493	9.740	ppbv	97
32) 1,1,1-Trichloroethane	3.379	97	293286	9.480	ppbv	95
34) 2-Butanone	2.567	43	345137	11.356	ppbv	97
35) Carbon Tetrachloride	3.774	117	302815	11.257	ppbv	97
36) Benzene	3.671	78	442810	10.843	ppbv	99
37) 1,2-Dichloroethane	3.230	62	247532	10.932	ppbv	99
38) Trichloroethene	4.567	130	170102	10.200	ppbv	95
39) 1,2-Dichloropropane	4.331	63	166038	10.712	ppbv	98
40) 1,4-Dioxane	4.603	88	76351	10.790	ppbv #	99
41) Tetrahydrofuran	3.065	42	193293	10.764	ppbv	98
42) Bromodichloromethane	4.506	83	333484	10.931	ppbv	99
43) Methyl Methacrylate	4.900	69	164805	10.334	ppbv	94
44) 2,2,4-Trimethylpentane	4.661	57	785325	10.896	ppbv	99
45) t-1,3-Dichloropropene	6.435	75	153774	9.705	ppbv	95

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Quant Time: Mar 06 01:02:35 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL022525AIR.M

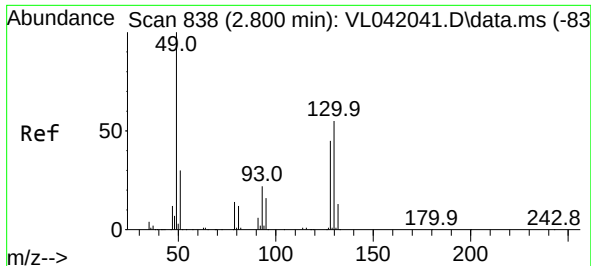
Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_LFri Aug 2

QLast Update : Wed Feb 26 01:08:36 2025

Response via : Initial Calibration

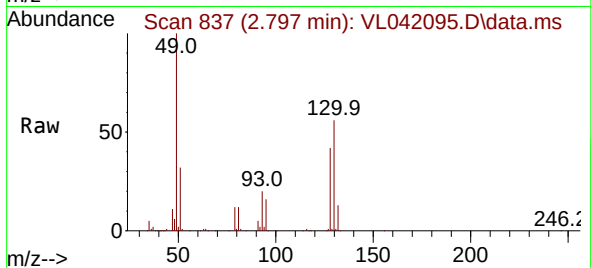
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.629	75	212388m	10.358	ppbv	
47) 1,1,2-Trichloroethane	6.603	97	165682	10.528	ppbv	95
48) Dibromochloromethane	7.406	129	265905	10.789	ppbv	99
49) Bromoform	9.500	173	231505	10.816	ppbv	99
50) 4-Methyl-2-Pentanone	5.778	43	469741	11.951	ppbv	97
51) 2-Hexanone	7.457	43	375683	13.887	ppbv #	98
52) Tetrachloroethene	8.241	164	143621	10.273	ppbv	95
53) Toluene	6.952	91	473242	10.369	ppbv	99
54) 1,2-Dibromoethane	7.668	107	220700	10.373	ppbv	91
56) 1,1,1,2-Tetrachloroethane	8.937	131	207111	11.216	ppbv	99
57) Chlorobenzene	8.937	112	378902	11.186	ppbv	98
58) Ethyl Benzene	9.370	91	647740	10.766	ppbv	98
59) m/p-Xylene	9.564	91	1067183m	22.289	ppbv	
60) o-Xylene	9.979	91	536421	11.145	ppbv	99
61) Styrene	9.885	104	245534	10.850	ppbv	99
62) Isopropylbenzene	10.552	105	796344	11.047	ppbv	100
63) 1,1,2,2-Tetrachloroethane	9.976	83	362361	11.432	ppbv	100
64) n-propylbenzene	11.002	120	213005	11.265	ppbv	100
65) tert-Butylbenzene	11.542	119	705653	10.756	ppbv	100
66) Benzyl Chloride	11.626	91	41915	8.373	ppbv	98
67) sec-Butylbenzene	11.778	105	1017676	10.846	ppbv	98
69) p-Isopropyltoluene	11.937	119	838899	11.238	ppbv	99
70) n-Butylbenzene	12.293	91	867869	11.390	ppbv	99
71) 2-Chlorotoluene	10.914	91	600054	10.798	ppbv	100
72) 4-Ethyltoluene	11.137	105	644397	10.965	ppbv	99
73) 1,3,5-Trimethylbenzene	11.215	105	548471	10.759	ppbv	99
74) 1,2,4-Trimethylbenzene	11.549	105	613250	10.683	ppbv	99
75) 1,3-Dichlorobenzene	11.620	146	357254	10.814	ppbv	99
76) 1,4-Dichlorobenzene	11.684	146	360532	10.991	ppbv	100
77) 1,2-Dichlorobenzene	11.960	146	358512	11.182	ppbv	100
78) Hexachloro-1,3-Butadiene	13.892	225	252408	10.118	ppbv	99
79) Naphthalene	13.523	128	552752	14.043	ppbv	99
80) Naphthalene,2-methyl-	14.468	142	195224	18.124	ppbv	100
81) 1,2,4-Trichlorobenzene	13.452	180	248785	11.342	ppbv	99

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.797 min Scan# 81
Delta R.T. -0.003 min
Lab File: VL042095.D
Acq: 05 Mar 2025 08:30

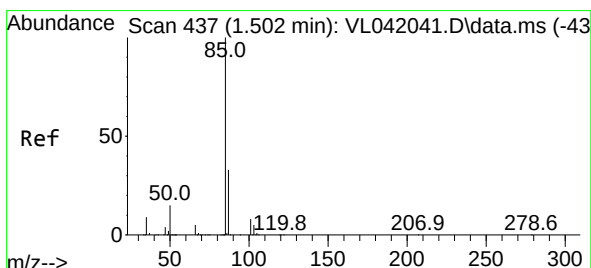
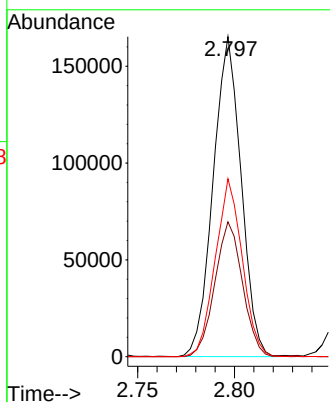
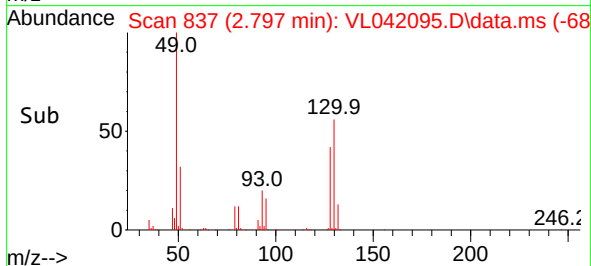
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



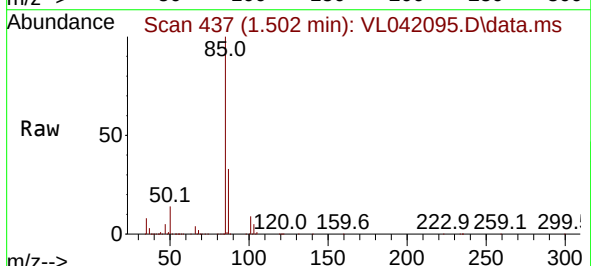
Tgt Ion: 49 Resp: 165815
Ion Ratio Lower Upper
49 100
128 41.6 21.6 64.8
130 53.7 27.8 83.4

Manual Integrations
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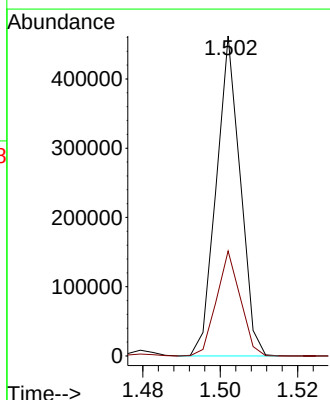
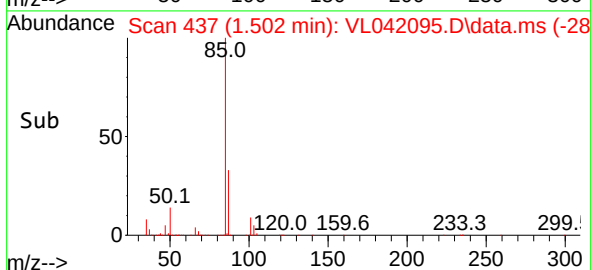
Reviewed By :Semsettin Yesilyurt 03/06/2025
Supervised By :Mahesh Dadoda 03/06/2025

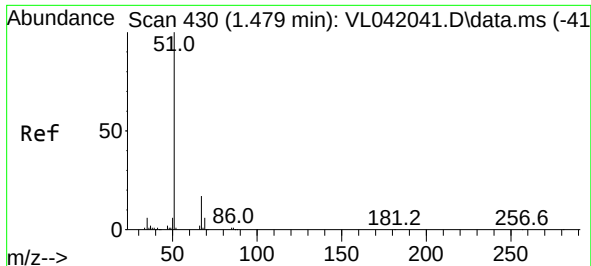


#2
Dichlorodifluoromethane
Concen: 11.534 ppbv
RT: 1.502 min Scan# 437
Delta R.T. -0.000 min
Lab File: VL042095.D
Acq: 05 Mar 2025 08:30



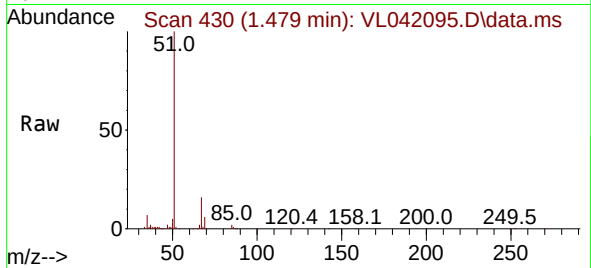
Tgt Ion: 85 Resp: 198877
Ion Ratio Lower Upper
85 100
87 32.8 26.4 39.6





#3
Chlorodifluoromethane
Concen: 10.249 ppbv
RT: 1.479 min Scan# 41
Delta R.T. -0.000 min
Lab File: VL042095.D
Acq: 05 Mar 2025 08:30

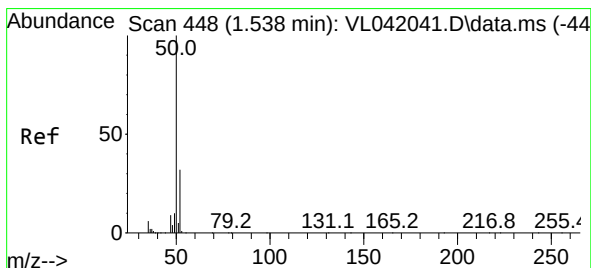
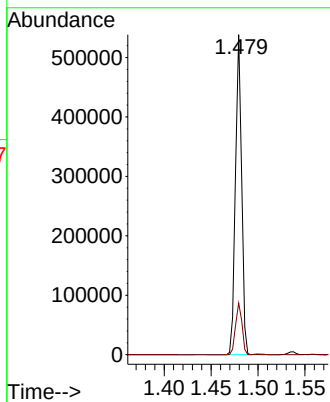
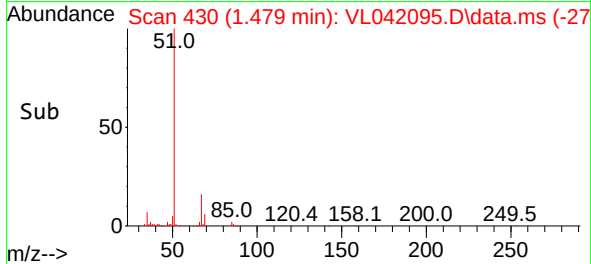
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



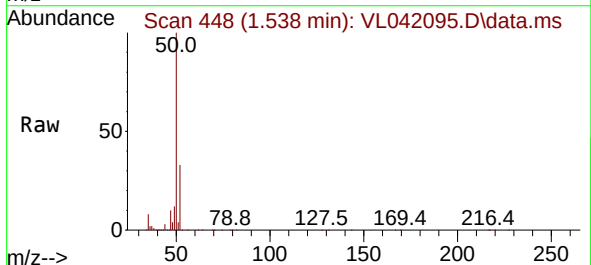
Tgt Ion: 51 Resp: 247002
Ion Ratio Lower Upper
51 100
67 16.9 13.7 20.5

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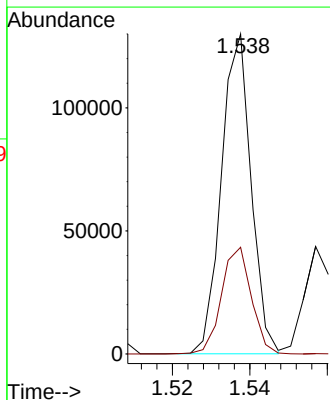
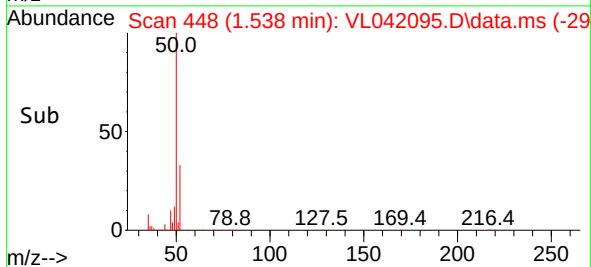
Reviewed By :Semsettin Yesilyurt 03/06/2025
Supervised By :Mahesh Dadoda 03/06/2025

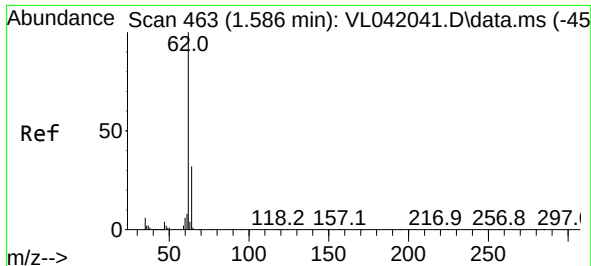


#4
Chloromethane
Concen: 10.855 ppbv
RT: 1.538 min Scan# 448
Delta R.T. -0.000 min
Lab File: VL042095.D
Acq: 05 Mar 2025 08:30



Tgt Ion: 50 Resp: 69218
Ion Ratio Lower Upper
50 100
52 33.3 25.4 38.0





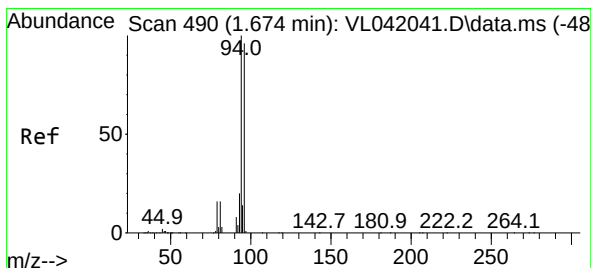
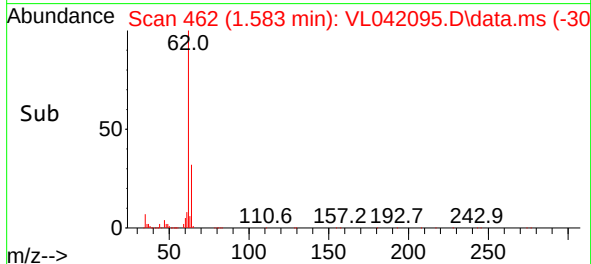
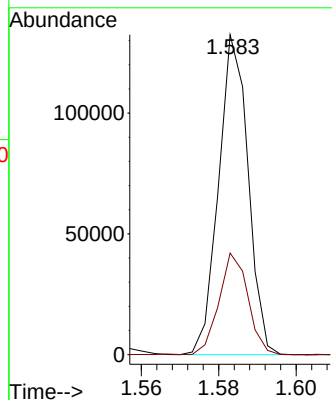
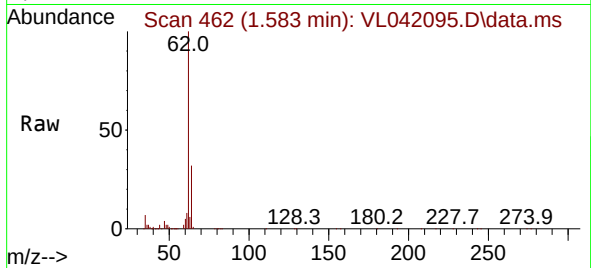
#5
 Vinyl Chloride
 Concen: 11.612 ppbv
 RT: 1.583 min Scan# 40
 Delta R.T. -0.003 min
 Lab File: VL042095.D
 Acq: 05 Mar 2025 08:30

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 62 Resp: 70039
 Ion Ratio Lower Upper
 62 100
 64 31.7 25.3 37.9

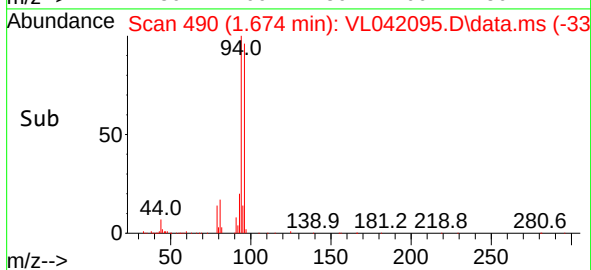
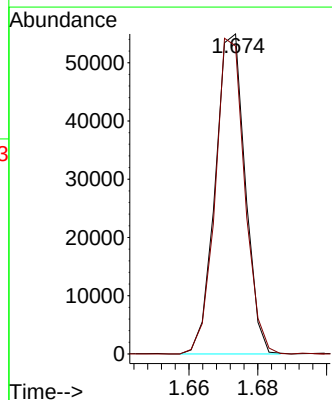
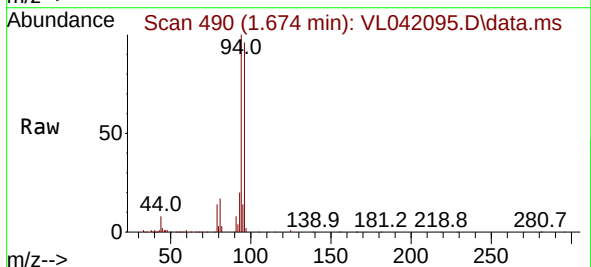
Manual Integrations
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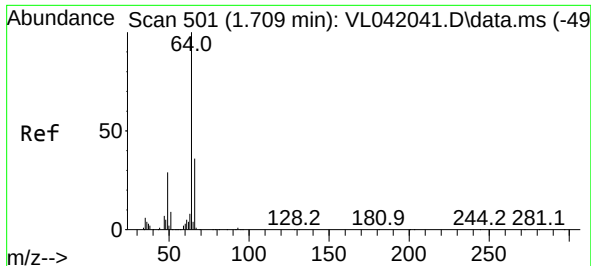
Reviewed By :Semsettin Yesilyurt 03/06/2025
 Supervised By :Mahesh Dadoda 03/06/2025



#6
 Bromomethane
 Concen: 11.545 ppbv
 RT: 1.674 min Scan# 490
 Delta R.T. -0.000 min
 Lab File: VL042095.D
 Acq: 05 Mar 2025 08:30

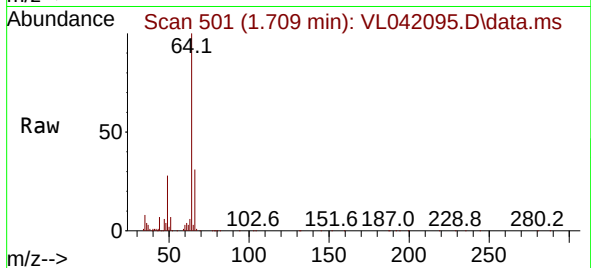
Tgt Ion: 94 Resp: 33156
 Ion Ratio Lower Upper
 94 100
 96 96.3 76.5 114.7





#7
Chloroethane
Concen: 11.099 ppbv
RT: 1.709 min Scan# 501
Delta R.T. -0.000 min
Lab File: VL042095.D
Acq: 05 Mar 2025 08:30

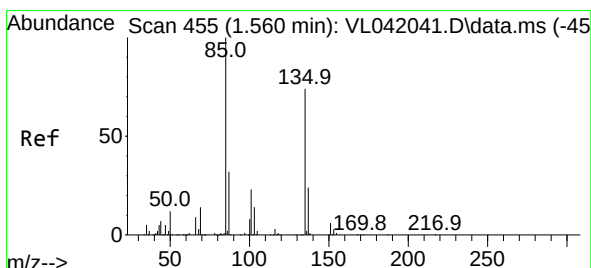
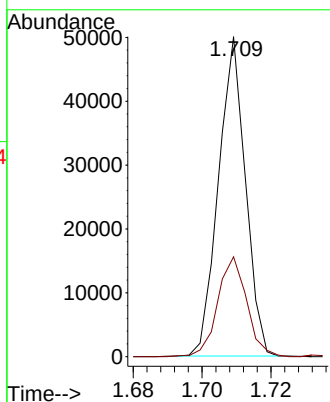
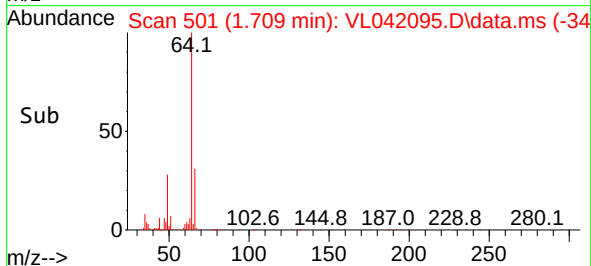
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 64 Resp: 2720
Ion Ratio Lower Upper
64 100
66 31.2 28.4 42.6

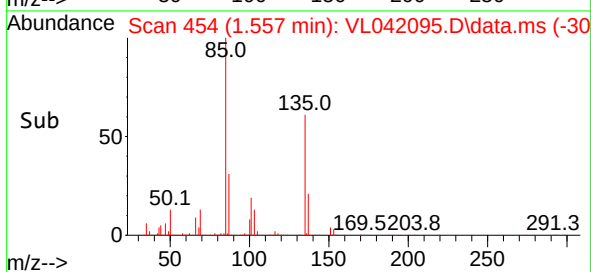
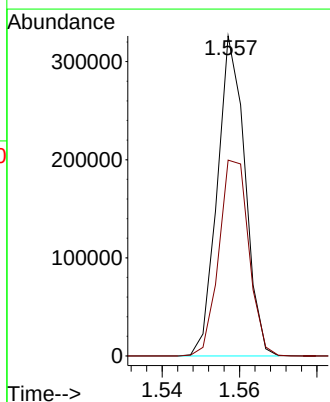
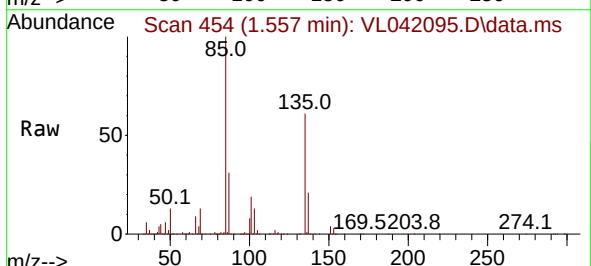
Manual Integrations
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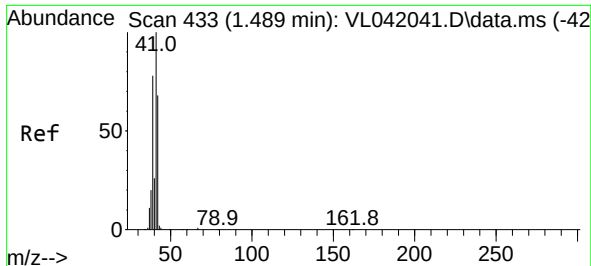
Reviewed By :Semsettin Yesilyurt 03/06/2025
Supervised By :Mahesh Dadoda 03/06/2025



#8
Dichlorotetrafluoroethane
Concen: 11.422 ppbv
RT: 1.557 min Scan# 454
Delta R.T. -0.003 min
Lab File: VL042095.D
Acq: 05 Mar 2025 08:30

Tgt Ion: 85 Resp: 161908
Ion Ratio Lower Upper
85 100
135 66.5 54.6 81.8





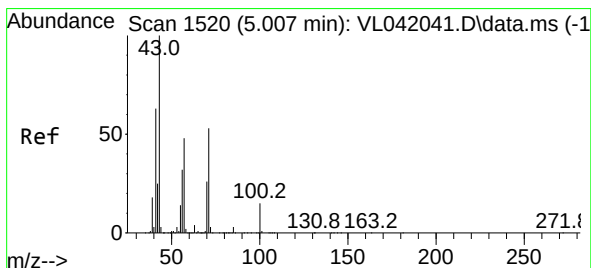
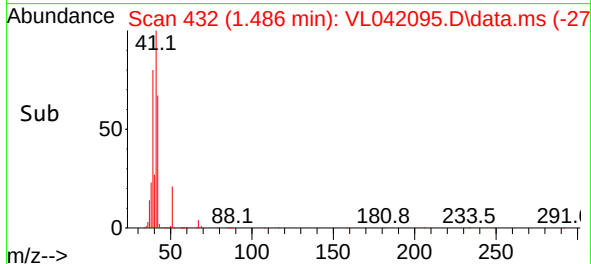
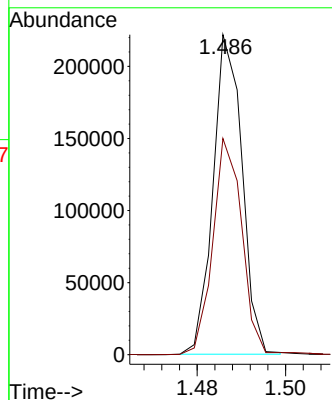
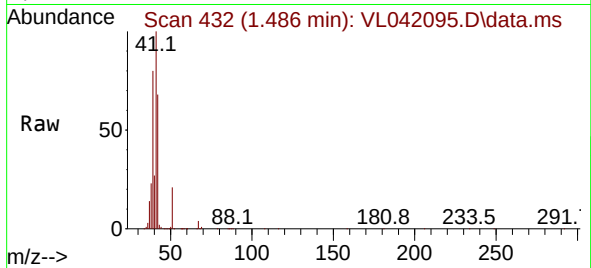
#9
 Propene
 Concen: 10.301 ppbv
 RT: 1.486 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VL042095.D
 Acq: 05 Mar 2025 08:30

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 41 Resp: 10113
 Ion Ratio Lower Upper
 41 100
 42 68.0 55.8 83.6

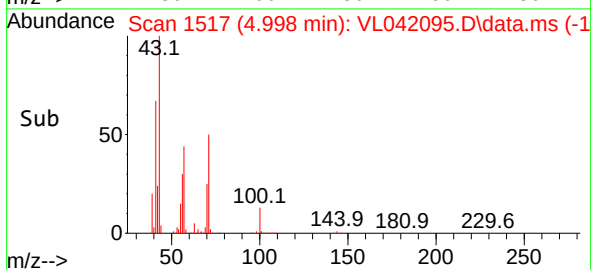
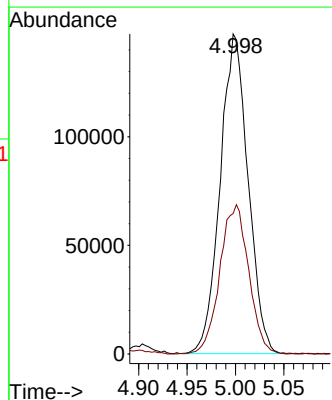
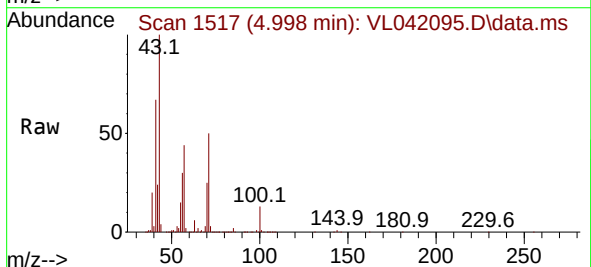
Manual Integrations
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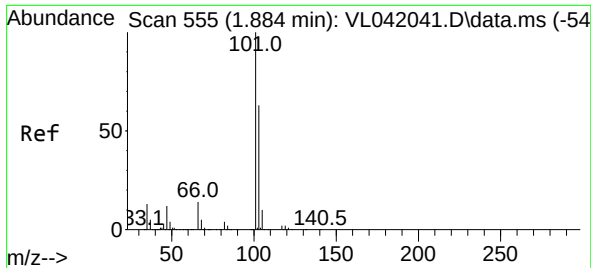
Reviewed By :Semsettin Yesilyurt 03/06/2025
 Supervised By :Mahesh Dadoda 03/06/2025



#10
 Heptane
 Concen: 9.637 ppbv
 RT: 4.998 min Scan# 1517
 Delta R.T. -0.010 min
 Lab File: VL042095.D
 Acq: 05 Mar 2025 08:30

Tgt Ion: 43 Resp: 294595
 Ion Ratio Lower Upper
 43 100
 57 48.4 39.4 59.0





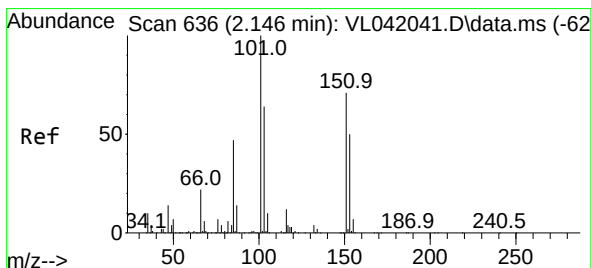
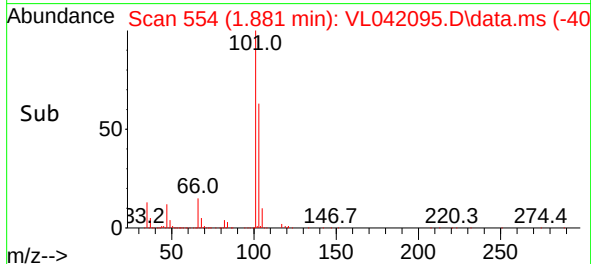
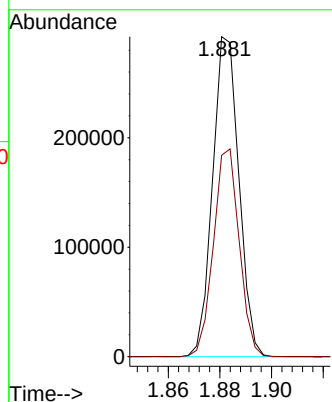
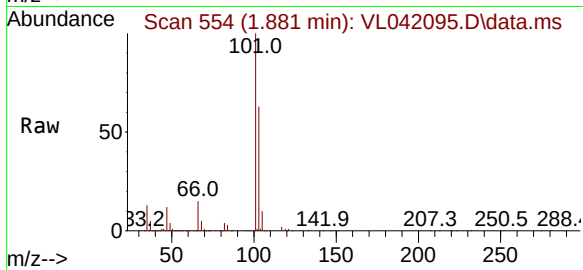
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 Trichlorofluoromethane
 Concen: 11.984 ppbv
 RT: 1.881 min Scan# 554
 Delta R.T. -0.003 min
 Lab File: VL042095.D
 Acq: 05 Mar 2025 08:30

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion:101 Resp: 207050
 Ion Ratio Lower Upper
 101 100
 103 62.9 50.6 75.8

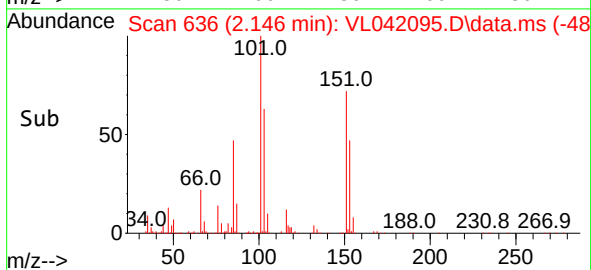
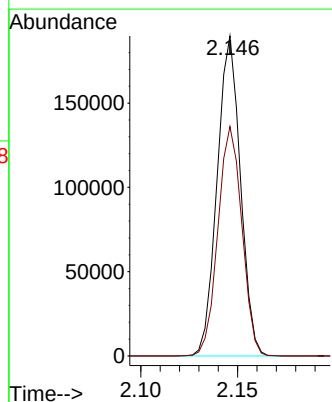
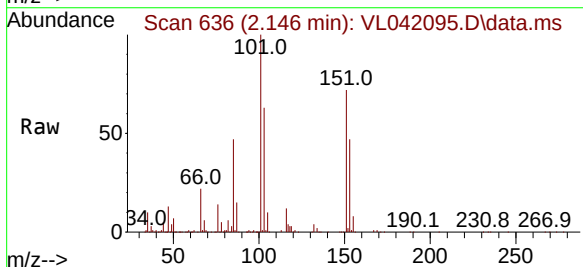
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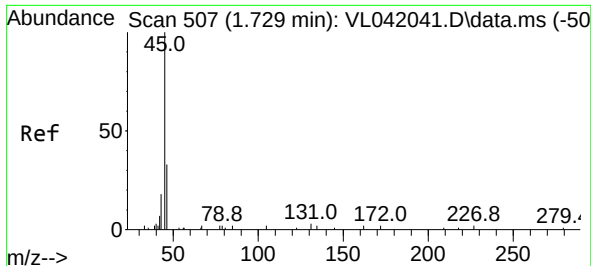
Reviewed By :Semsettin Yesilyurt 03/06/2025
 Supervised By :Mahesh Dadoda 03/06/2025



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 11.522 ppbv
 RT: 2.146 min Scan# 636
 Delta R.T. -0.000 min
 Lab File: VL042095.D
 Acq: 05 Mar 2025 08:30

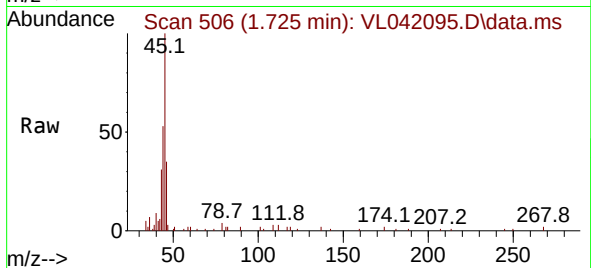
Tgt Ion:101 Resp: 158786
 Ion Ratio Lower Upper
 101 100
 151 73.6 62.6 94.0





#13
Ethanol
Concen: 6.375 ppbv
RT: 1.725 min Scan# 507
Delta R.T. -0.003 min
Lab File: VL042095.D
Acq: 05 Mar 2025 08:30

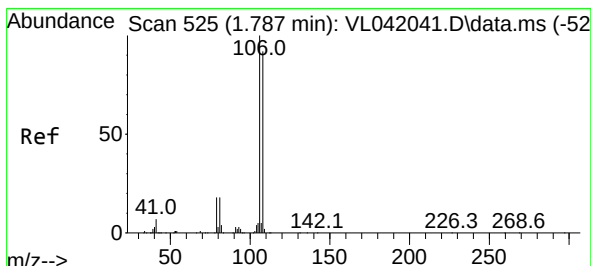
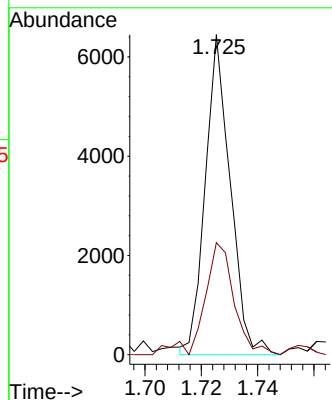
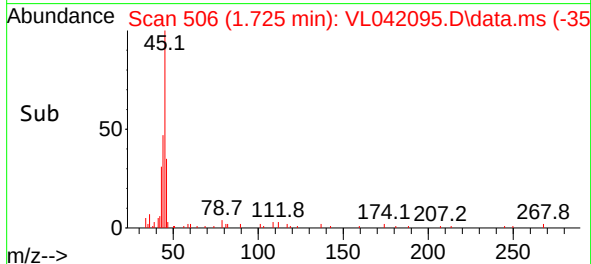
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



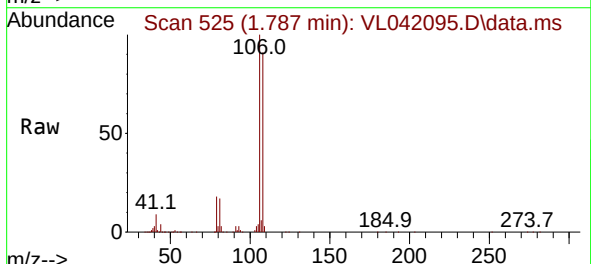
Tgt Ion: 45 Resp: 397
Ion Ratio Lower Upper
45 100
46 44.6 17.1 68.3

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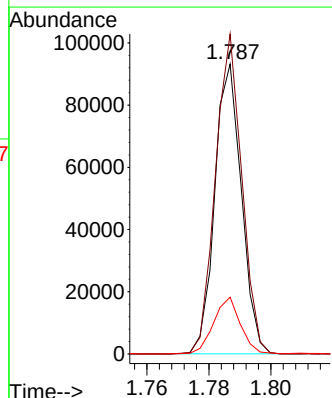
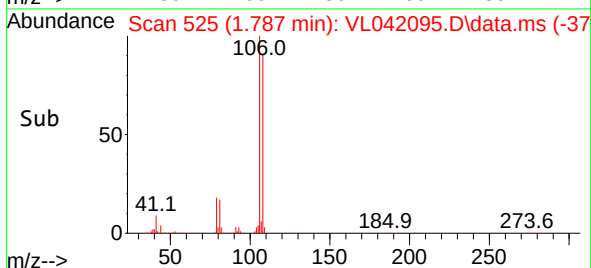
Reviewed By :Semsettin Yesilyurt 03/06/2025
Supervised By :Mahesh Dadoda 03/06/2025

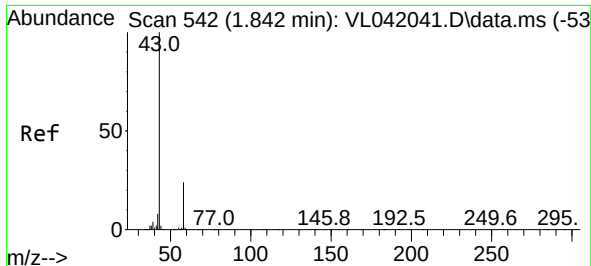


#14
Bromoethene
Concen: 11.452 ppbv
RT: 1.787 min Scan# 525
Delta R.T. -0.000 min
Lab File: VL042095.D
Acq: 05 Mar 2025 08:30



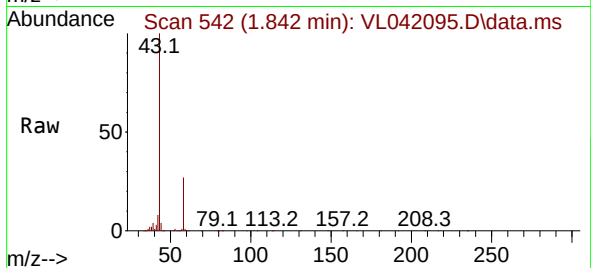
Tgt Ion:108 Resp: 55735
Ion Ratio Lower Upper
108 100
106 109.3 85.4 128.0
79 20.0 16.5 24.7





#15
Acetone
Concen: 10.599 ppbv
RT: 1.842 min Scan# 542
Delta R.T. -0.000 min
Lab File: VL042095.D
Acq: 05 Mar 2025 08:30

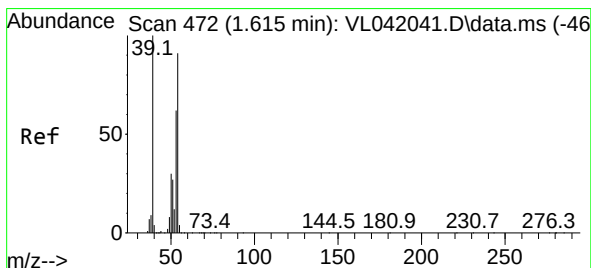
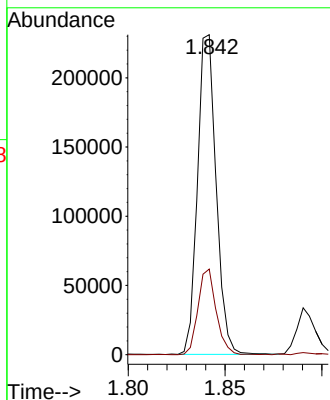
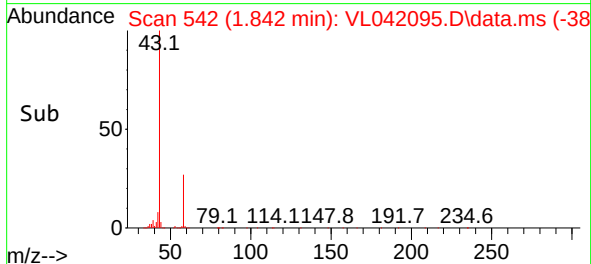
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 43 Resp: 155209
Ion Ratio Lower Upper
43 100
58 26.2 20.7 31.1

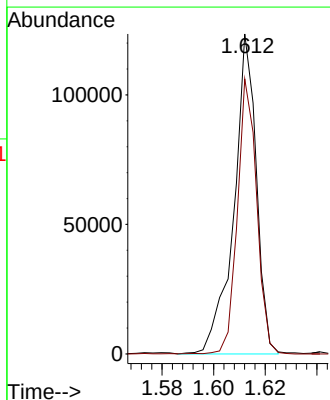
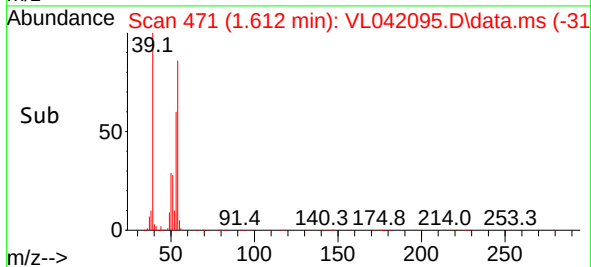
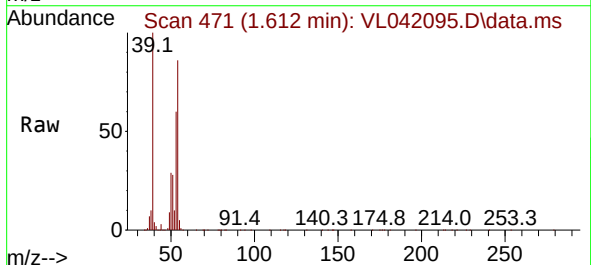
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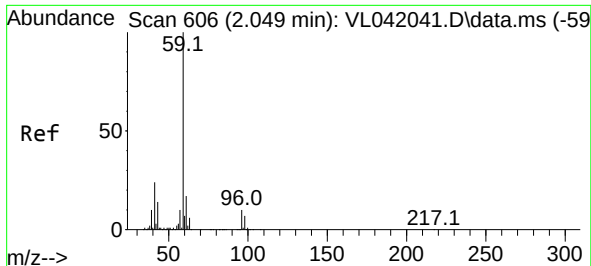
Reviewed By :Semsettin Yesilyurt 03/06/2025
Supervised By :Mahesh Dadoda 03/06/2025



#16
1,3-Butadiene
Concen: 10.991 ppbv
RT: 1.612 min Scan# 471
Delta R.T. -0.003 min
Lab File: VL042095.D
Acq: 05 Mar 2025 08:30

Tgt Ion: 39 Resp: 74898
Ion Ratio Lower Upper
39 100
54 73.8 59.6 89.4





#17

tert-Butyl alcohol

Concen: 9.678 ppbv

RT: 2.046 min Scan# 606

Delta R.T. -0.003 min

Lab File: VL042095.D

Acq: 05 Mar 2025 08:30

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 59 Resp: 17730

Ion Ratio Lower Upper

59 100

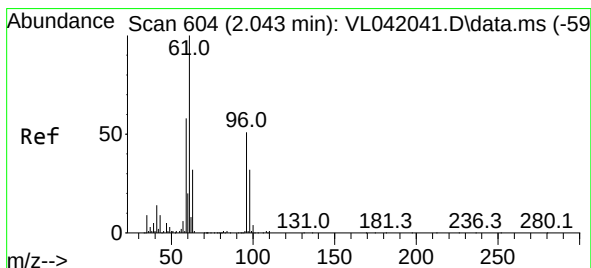
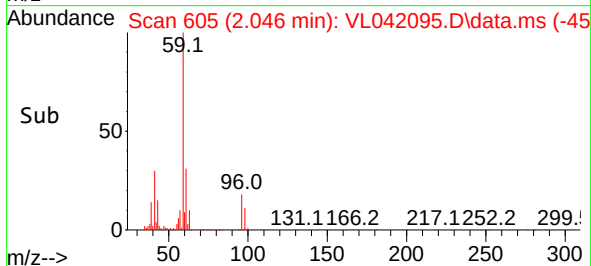
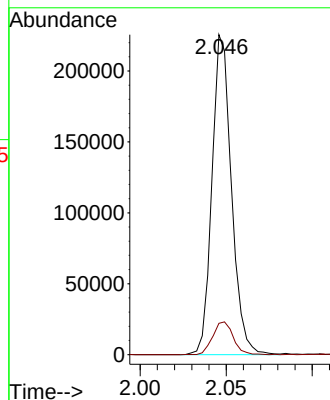
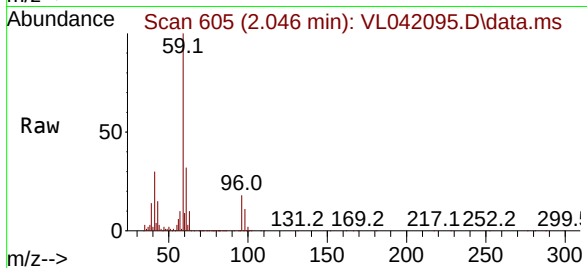
57 10.9 9.3 13.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/06/2025

Supervised By :Mahesh Dadoda 03/06/2025



#18

1,1-Dichloroethene

Concen: 10.714 ppbv

RT: 2.039 min Scan# 603

Delta R.T. -0.003 min

Lab File: VL042095.D

Acq: 05 Mar 2025 08:30

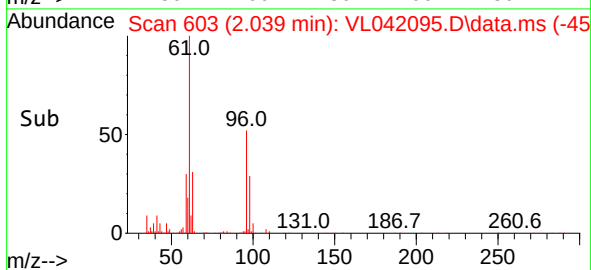
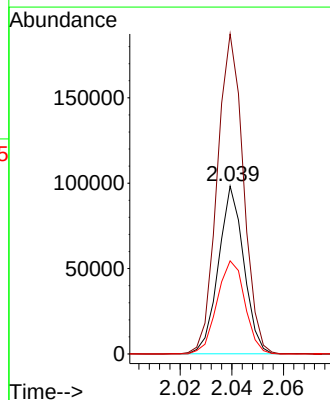
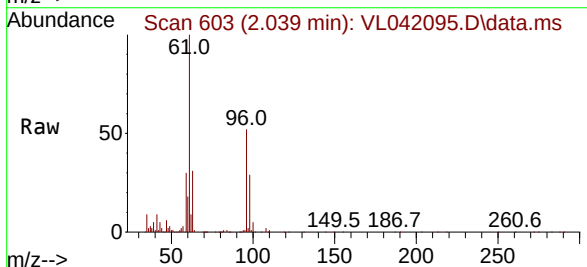
Tgt Ion: 96 Resp: 66720

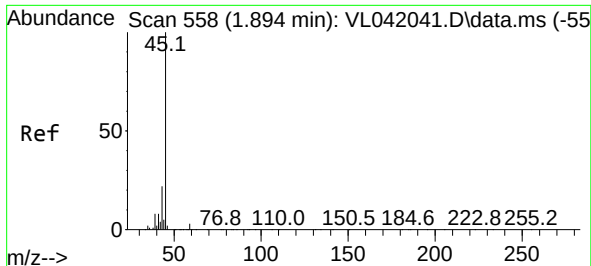
Ion Ratio Lower Upper

96 100

61 190.9 156.0 234.0

98 55.5 49.4 74.2





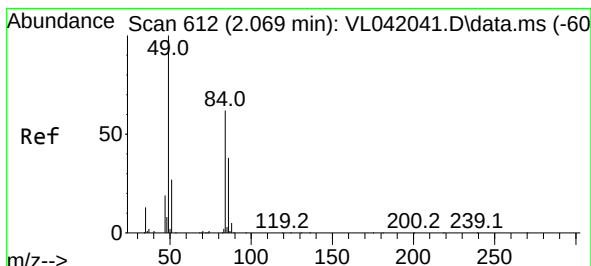
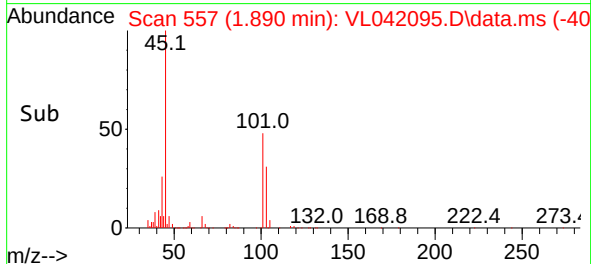
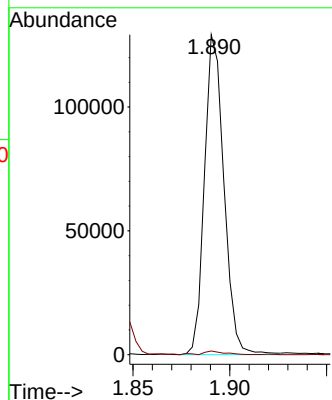
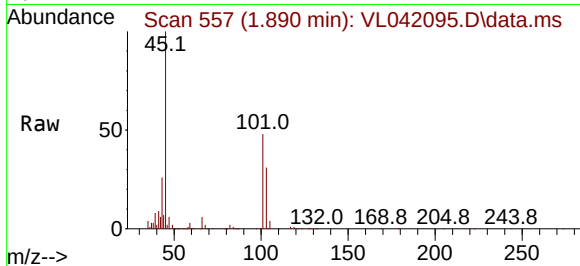
#19
Isopropyl Alcohol
Concen: 10.766 ppbv
RT: 1.890 min Scan# 511
Delta R.T. -0.003 min
Lab File: VL042095.D
Acq: 05 Mar 2025 08:30

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 45 Resp: 9055
Ion Ratio Lower Upper
45 100
58 44.8 35.3 52.9

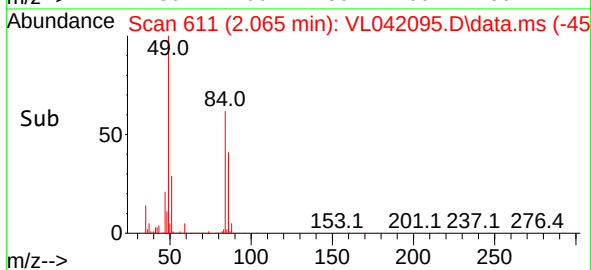
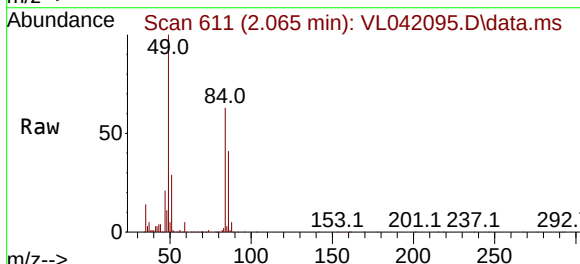
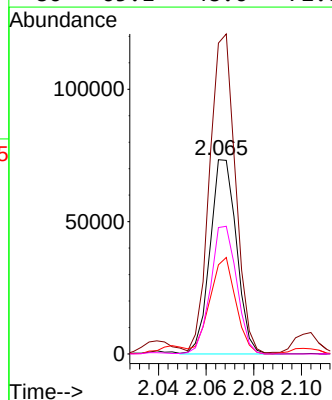
Manual Integrations
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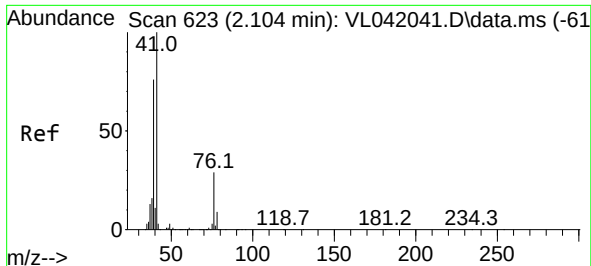
Reviewed By :Semsettin Yesilyurt 03/06/2025
Supervised By :Mahesh Dadoda 03/06/2025



#20
Methylene Chloride
Concen: 10.197 ppbv
RT: 2.065 min Scan# 611
Delta R.T. -0.003 min
Lab File: VL042095.D
Acq: 05 Mar 2025 08:30

Tgt Ion: 84 Resp: 56483
Ion Ratio Lower Upper
84 100
49 159.2 130.0 195.0
51 45.3 37.4 56.0
86 65.1 48.6 72.8





#21

Allyl Chloride

Concen: 10.621 ppbv

RT: 2.101 min Scan# 61

Delta R.T. -0.003 min

Lab File: VL042095.D

Acq: 05 Mar 2025 08:30

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

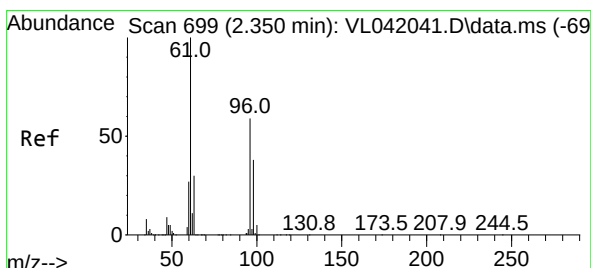
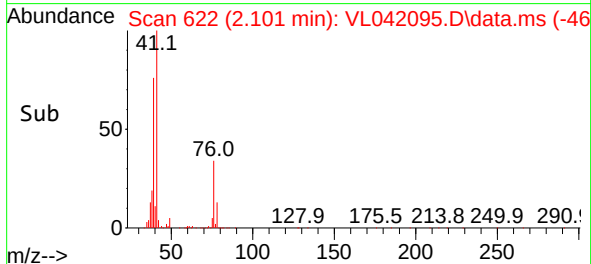
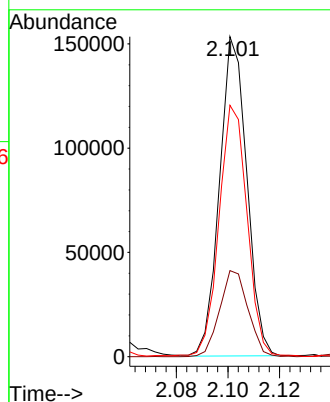
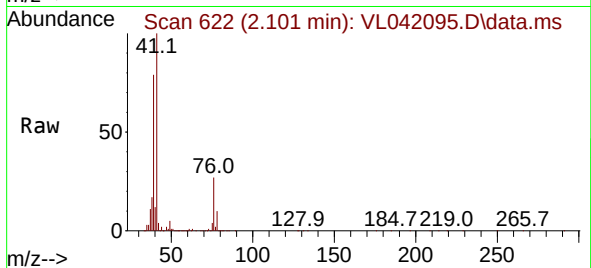
Tgt Ion: 41 Resp: 11237

Ion	Ratio	Lower	Upper
41	100		
76	28.1	23.8	35.6
39	80.5	63.8	95.6

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/06/2025
Supervised By :Mahesh Dadoda 03/06/2025



#22

trans-1,2-Dichloroethene

Concen: 11.051 ppbv

RT: 2.347 min Scan# 698

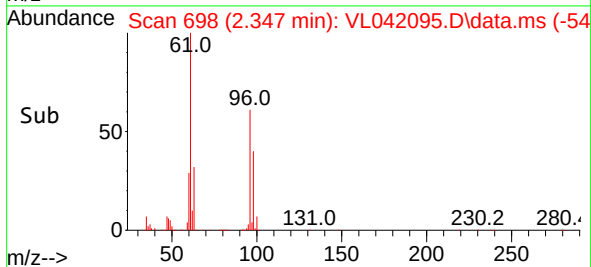
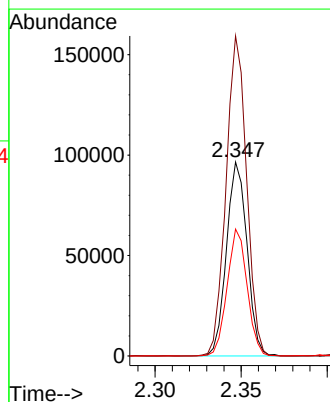
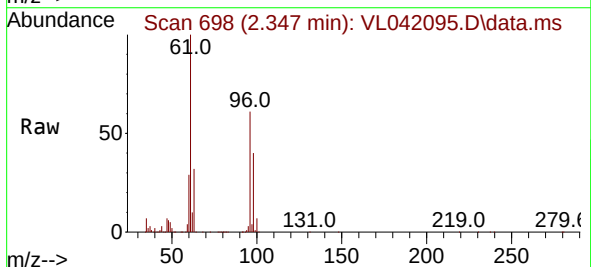
Delta R.T. -0.003 min

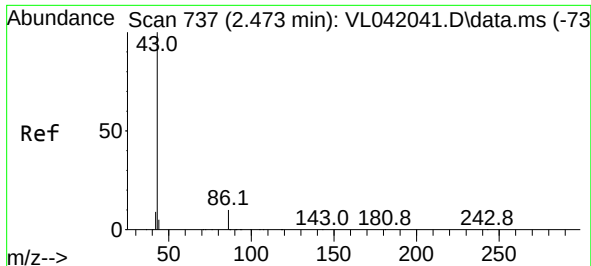
Lab File: VL042095.D

Acq: 05 Mar 2025 08:30

Tgt Ion: 96 Resp: 80221

Ion	Ratio	Lower	Upper
96	100		
61	165.0	136.6	205.0
98	65.4	51.8	77.6





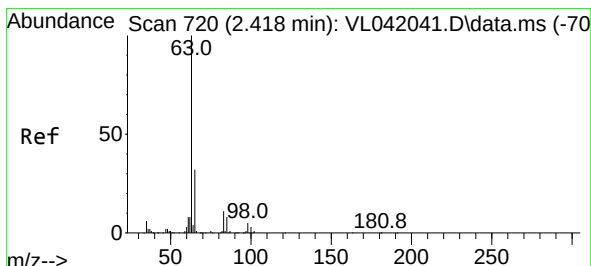
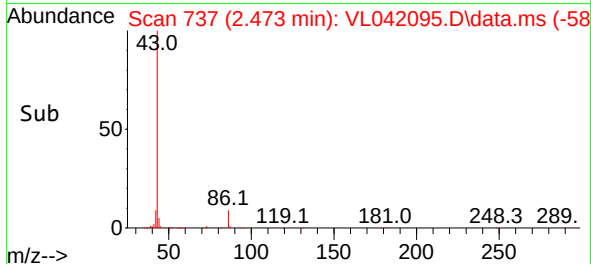
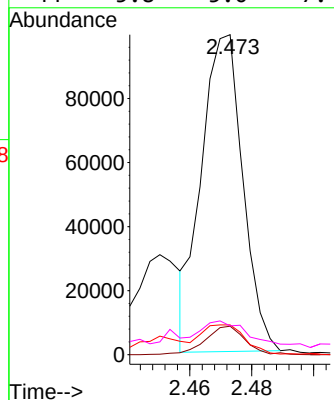
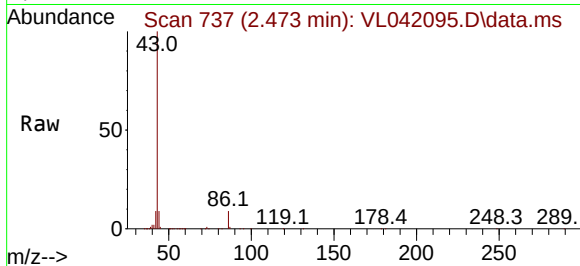
#23
 Vinyl Acetate
 Concen: 8.935 ppbv
 RT: 2.473 min Scan# 719
 Delta R.T. -0.000 min
 Lab File: VL042095.D
 Acq: 05 Mar 2025 08:30

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 43	Resp: 9200
Ion Ratio	Lower Upper
43 100	
86 8.4	7.0 10.4
42 9.2	7.6 11.4
44 5.8	5.0 7.4

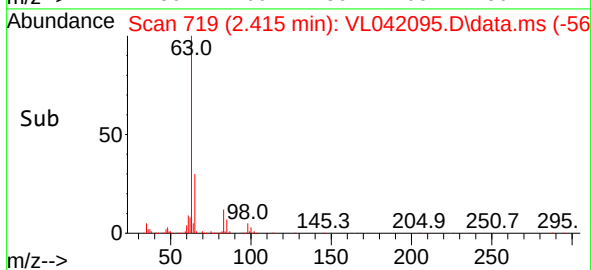
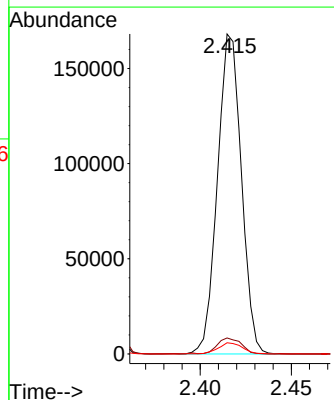
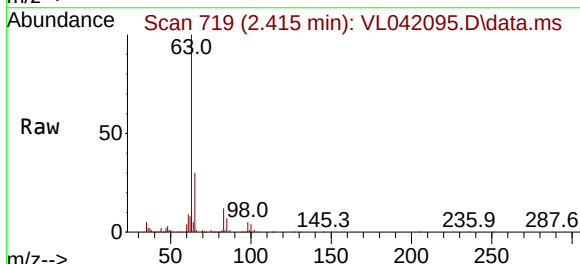
Manual Integrations
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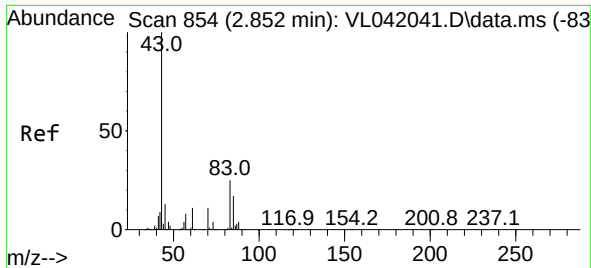
Reviewed By :Semsettin Yesilyurt 03/06/2025
 Supervised By :Mahesh Dadoda 03/06/2025



#24
 1,1-Dichloroethane
 Concen: 11.356 ppbv
 RT: 2.415 min Scan# 719
 Delta R.T. -0.003 min
 Lab File: VL042095.D
 Acq: 05 Mar 2025 08:30

Tgt Ion: 63	Resp: 153390
Ion Ratio	Lower Upper
63 100	
98 4.9	2.4 7.2
100 3.5	1.7 5.0





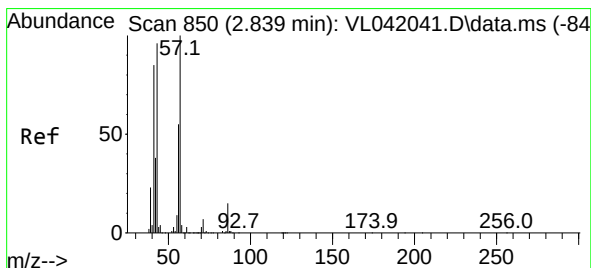
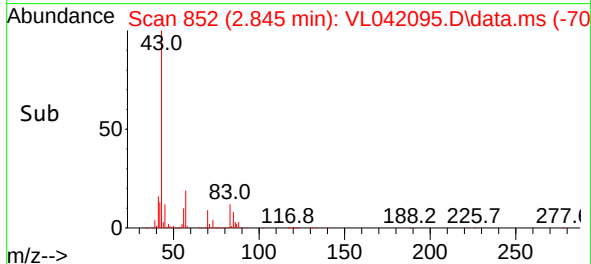
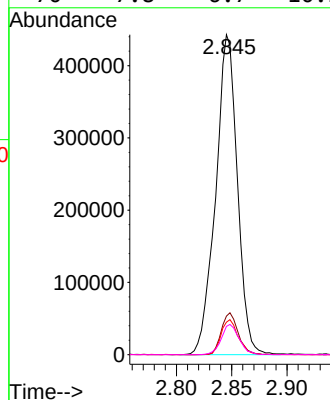
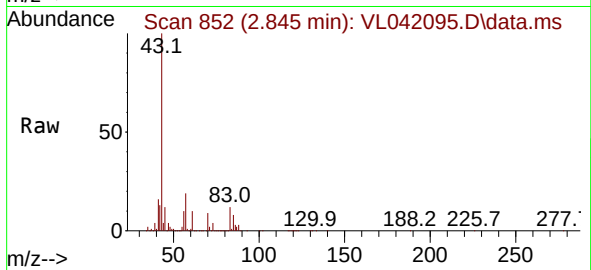
#25
Ethyl Acetate
Concen: 10.326 ppbv
RT: 2.845 min Scan# 848
Delta R.T. -0.007 min
Lab File: VL042095.D
Acq: 05 Mar 2025 08:30

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 605239
Ion Ratio Lower Upper
43 100
45 10.3 8.1 12.1
61 8.8 7.2 10.8
70 7.8 6.7 10.1

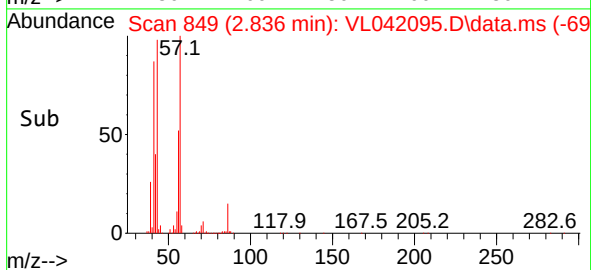
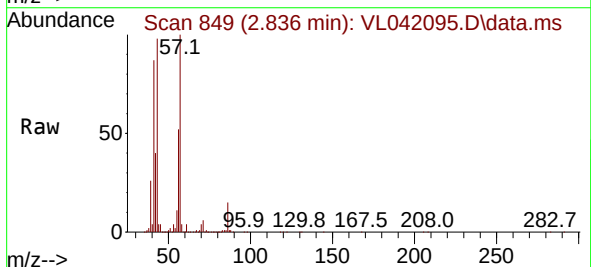
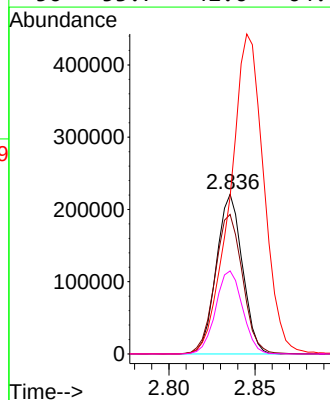
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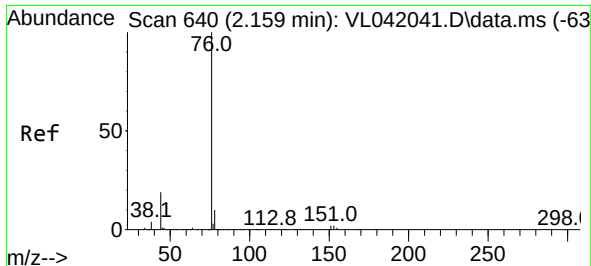
Reviewed By :Semsettin Yesilyurt 03/06/2025
Supervised By :Mahesh Dadoda 03/06/2025



#26
Hexane
Concen: 9.834 ppbv
RT: 2.836 min Scan# 849
Delta R.T. -0.003 min
Lab File: VL042095.D
Acq: 05 Mar 2025 08:30

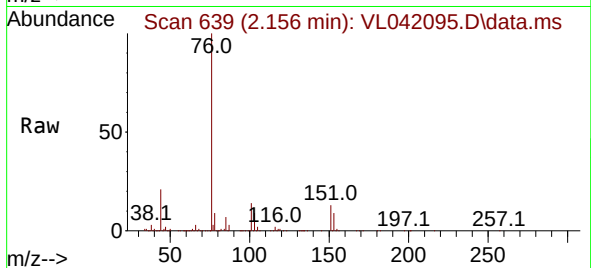
Tgt Ion: 57 Resp: 233025
Ion Ratio Lower Upper
57 100
41 93.2 70.6 106.0
43 261.2 199.4 299.0
56 53.7 42.6 64.0





#27
Carbon Disulfide
Concen: 11.638 ppbv
RT: 2.156 min Scan# 61
Delta R.T. -0.003 min
Lab File: VL042095.D
Acq: 05 Mar 2025 08:30

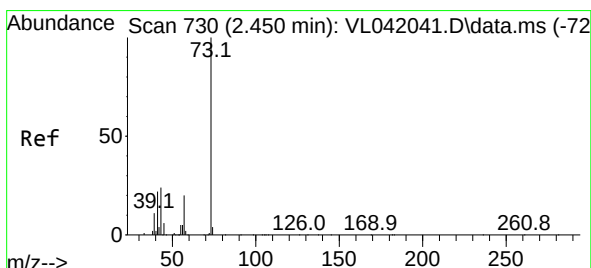
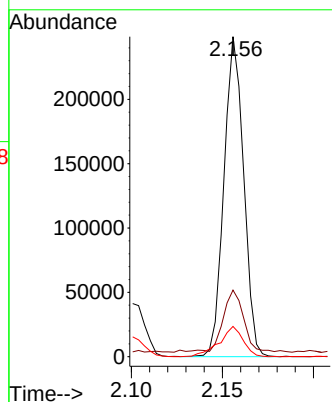
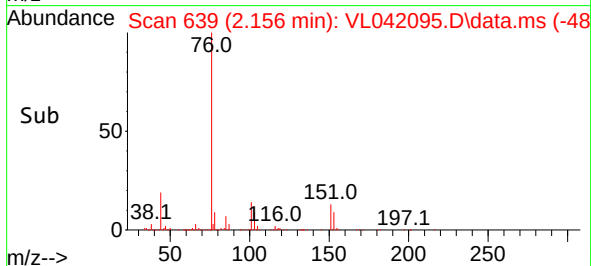
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 76 Resp: 186945
Ion Ratio Lower Upper
76 100
44 21.7 16.2 24.2
78 11.5 9.4 14.0

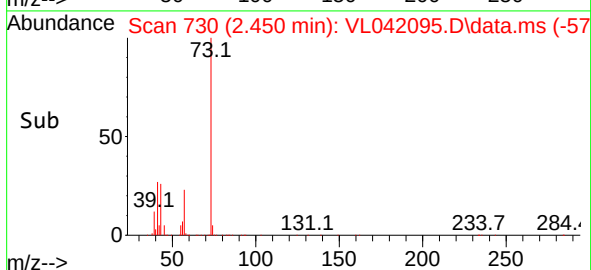
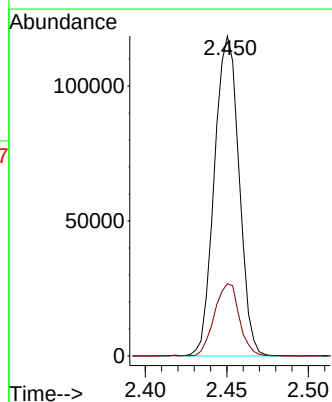
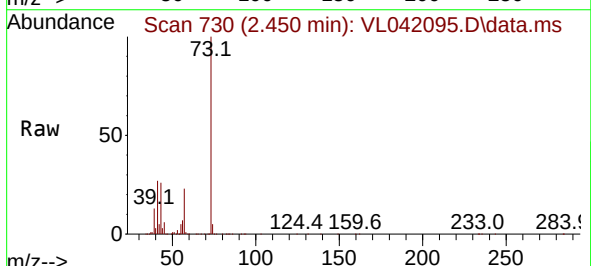
Manual Integrations
APPROVED

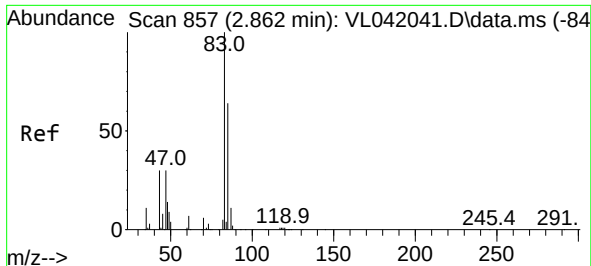
Reviewed By :Semsettin Yesilyurt 03/06/2025
Supervised By :Mahesh Dadoda 03/06/2025



#28
Methyl tert-Butyl Ether
Concen: 10.572 ppbv
RT: 2.450 min Scan# 730
Delta R.T. -0.000 min
Lab File: VL042095.D
Acq: 05 Mar 2025 08:30

Tgt Ion: 73 Resp: 124722
Ion Ratio Lower Upper
73 100
57 22.9 17.7 26.5





#29

Chloroform

Concen: 9.940 ppbv

RT: 2.858 min Scan# 81

Delta R.T. -0.003 min

Lab File: VL042095.D

Acq: 05 Mar 2025 08:30

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 83 Resp: 31701

Ion Ratio Lower Upper

83 100

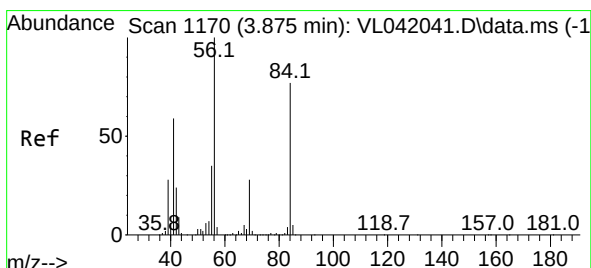
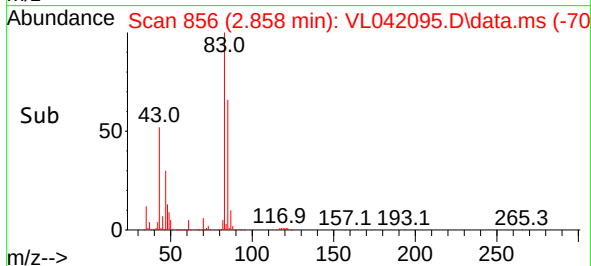
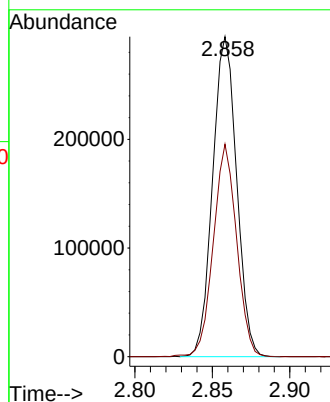
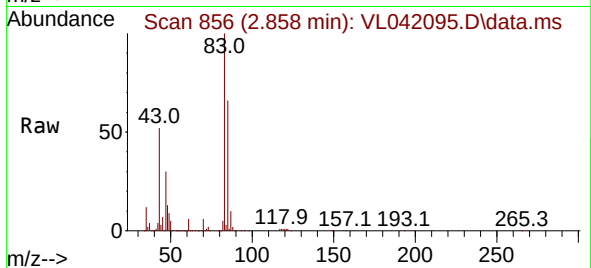
85 66.4 51.2 76.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/06/2025

Supervised By :Mahesh Dadoda 03/06/2025



#30

Cyclohexane

Concen: 9.461 ppbv

RT: 3.868 min Scan# 1168

Delta R.T. -0.007 min

Lab File: VL042095.D

Acq: 05 Mar 2025 08:30

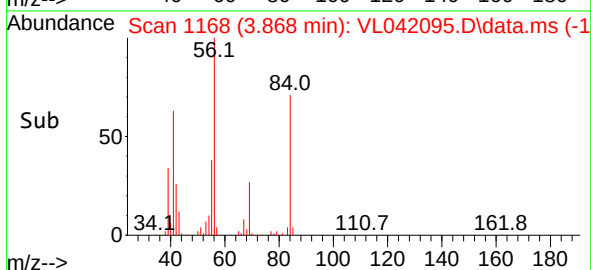
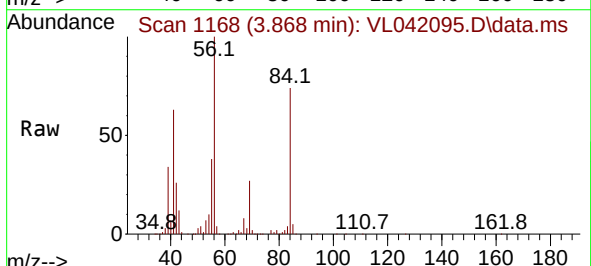
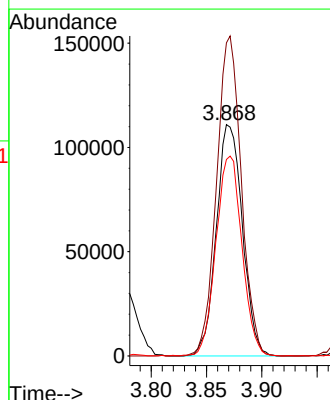
Tgt Ion: 84 Resp: 181970

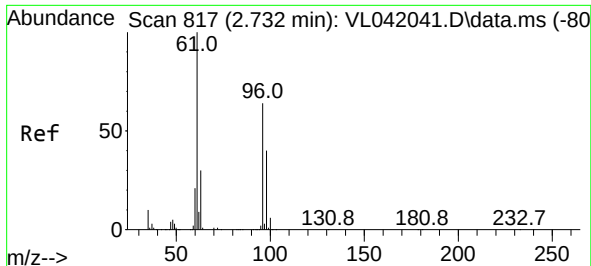
Ion Ratio Lower Upper

84 100

56 131.4 101.5 152.3

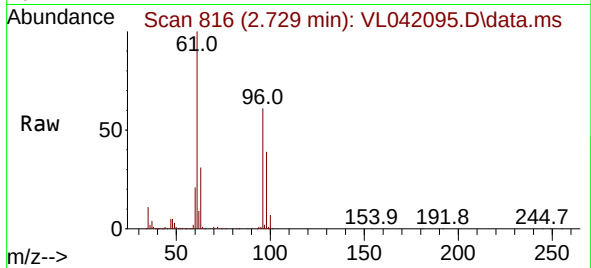
41 86.3 62.6 93.8





#31
 cis-1,2-Dichloroethene
 Concen: 9.740 ppbv
 RT: 2.729 min Scan# 817
 Delta R.T. -0.003 min
 Lab File: VL042095.D
 Acq: 05 Mar 2025 08:30

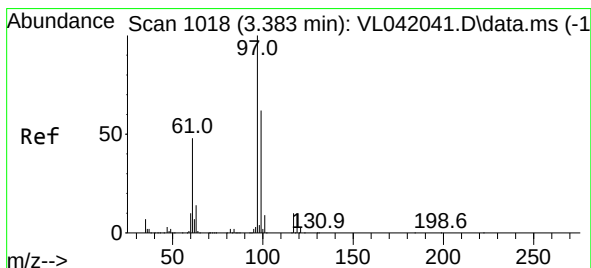
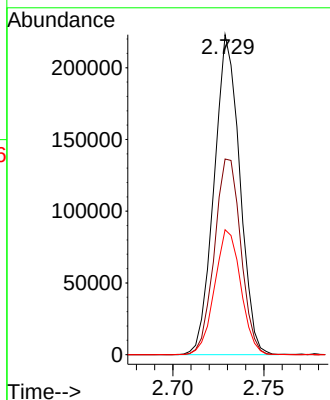
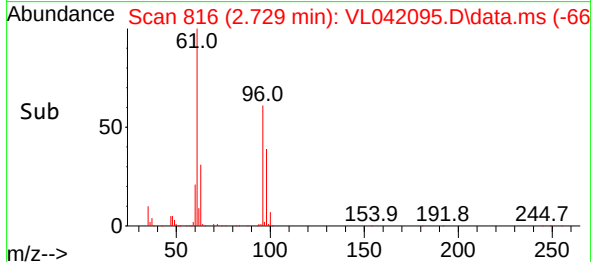
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



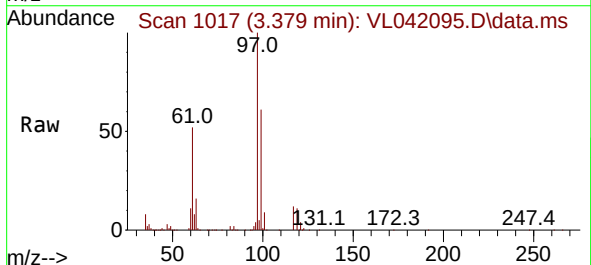
Tgt Ion: 61 Resp: 21849
 Ion Ratio Lower Upper
 61 100
 96 61.1 51.5 77.3
 98 39.0 32.0 48.0

Manual Integrations
 APPROVED

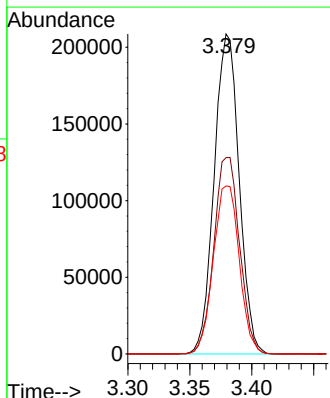
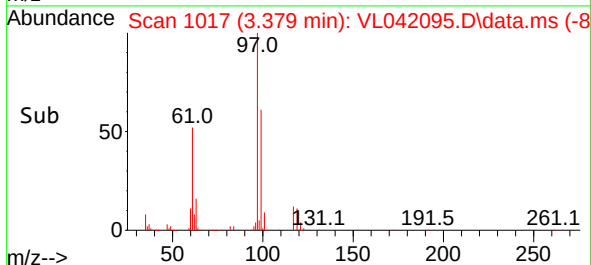
Reviewed By :Semsettin Yesilyurt 03/06/2025
 Supervised By :Mahesh Dadoda 03/06/2025

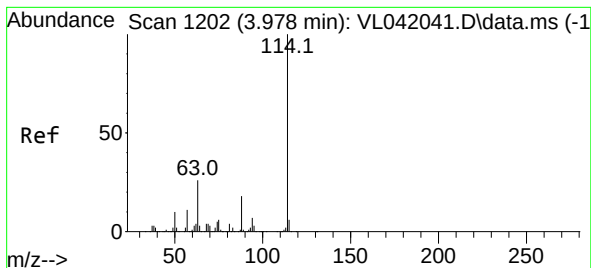


#32
 1,1,1-Trichloroethane
 Concen: 9.480 ppbv
 RT: 3.379 min Scan# 1017
 Delta R.T. -0.003 min
 Lab File: VL042095.D
 Acq: 05 Mar 2025 08:30



Tgt Ion: 97 Resp: 293286
 Ion Ratio Lower Upper
 97 100
 99 63.4 49.8 74.6
 61 54.8 38.9 58.3





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.972 min Scan# 114

Delta R.T. -0.007 min

Lab File: VL042095.D

Acq: 05 Mar 2025 08:30

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:114 Resp: 390110

Ion Ratio Lower Upper

114 100

63 25.7 20.1 30.1

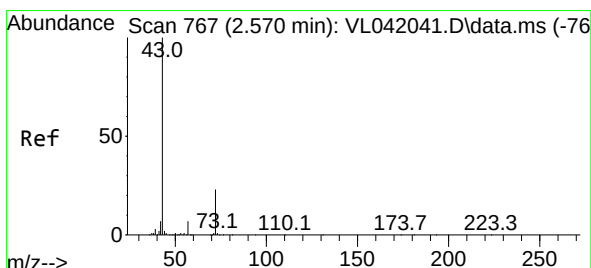
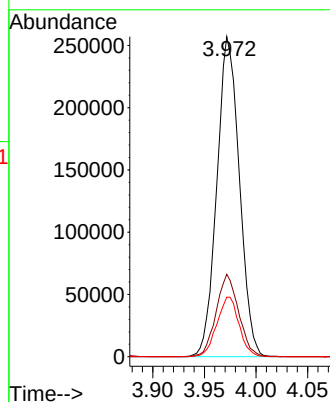
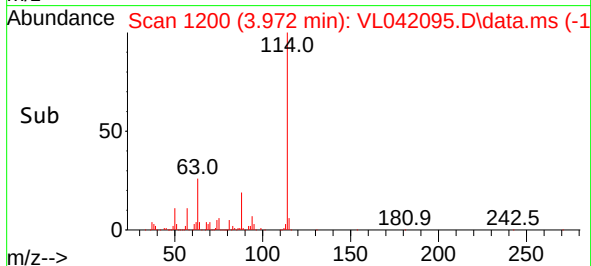
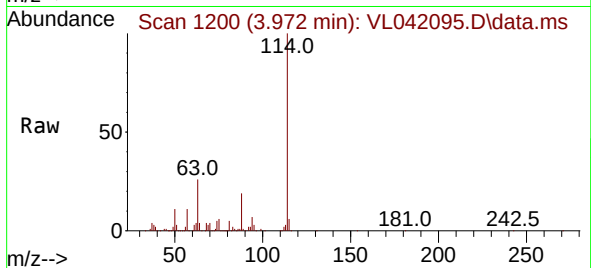
88 18.3 14.3 21.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/06/2025

Supervised By :Mahesh Dadoda 03/06/2025



#34

2-Butanone

Concen: 11.356 ppbv

RT: 2.567 min Scan# 766

Delta R.T. -0.003 min

Lab File: VL042095.D

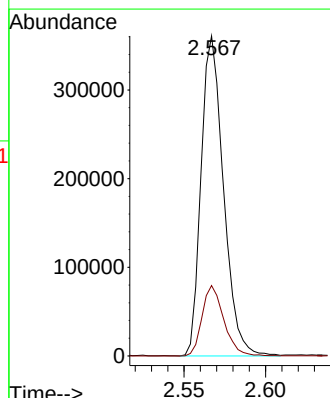
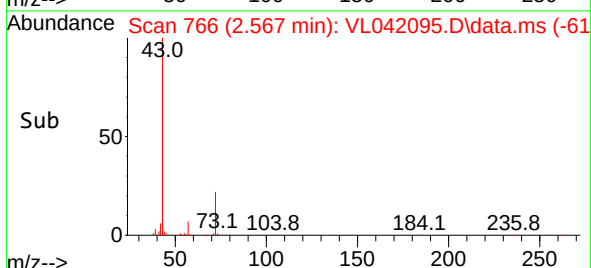
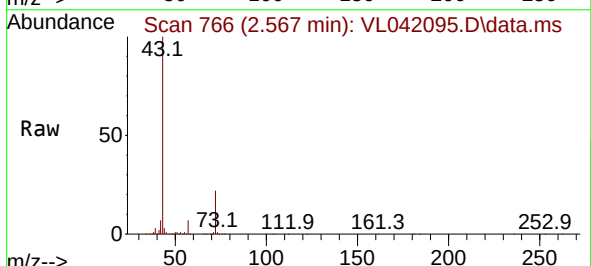
Acq: 05 Mar 2025 08:30

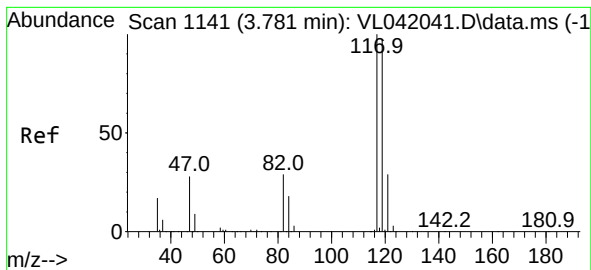
Tgt Ion: 43 Resp: 345137

Ion Ratio Lower Upper

43 100

72 21.4 18.5 27.7





#35

Carbon Tetrachloride

Concen: 11.257 ppbv

RT: 3.774 min Scan# 1139

Delta R.T. -0.007 min

Lab File: VL042095.D

Acq: 05 Mar 2025 08:30

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

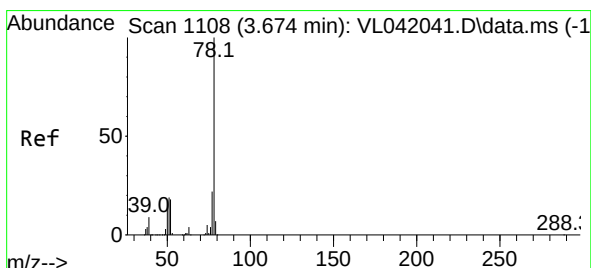
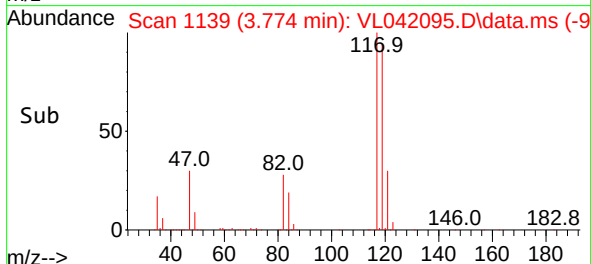
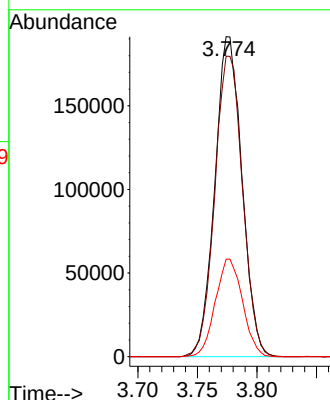
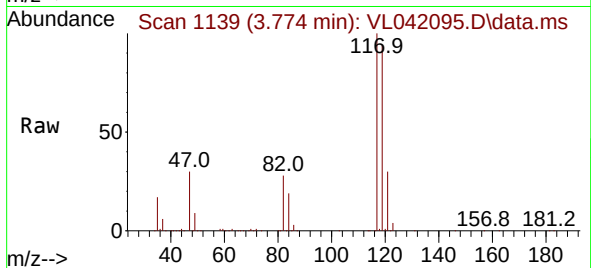
Tgt Ion: 117 Resp: 30281

Ion	Ratio	Lower	Upper
117	100		
119	93.9	77.8	116.8
121	30.4	23.4	35.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/06/2025
Supervised By :Mahesh Dadoda 03/06/2025



#36

Benzene

Concen: 10.843 ppbv

RT: 3.671 min Scan# 1107

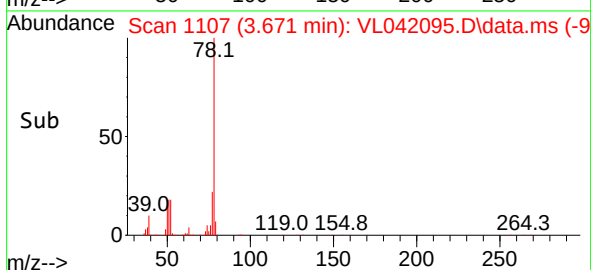
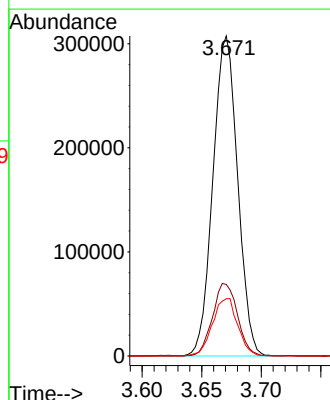
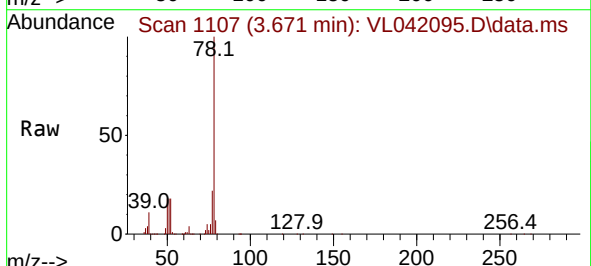
Delta R.T. -0.003 min

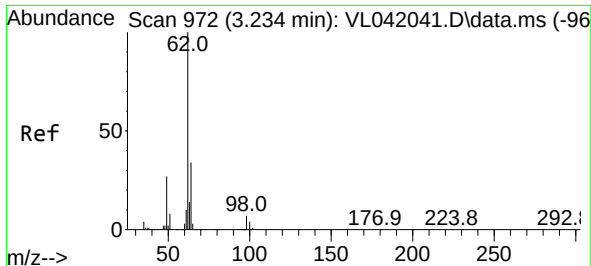
Lab File: VL042095.D

Acq: 05 Mar 2025 08:30

Tgt Ion: 78 Resp: 442810

Ion	Ratio	Lower	Upper
78	100		
77	22.4	17.7	26.5
50	17.8	13.9	20.9





#37

1,2-Dichloroethane

Concen: 10.932 ppbv

RT: 3.230 min Scan# 91

Delta R.T. -0.003 min

Lab File: VL042095.D

Acq: 05 Mar 2025 08:30

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 62 Resp: 24753

Ion Ratio Lower Upper

62 100

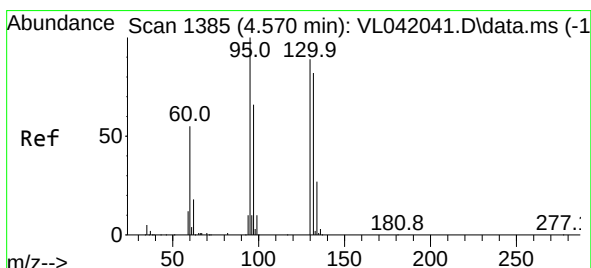
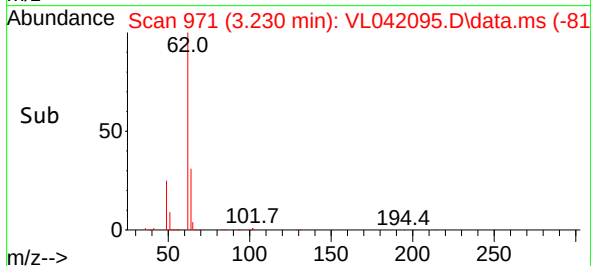
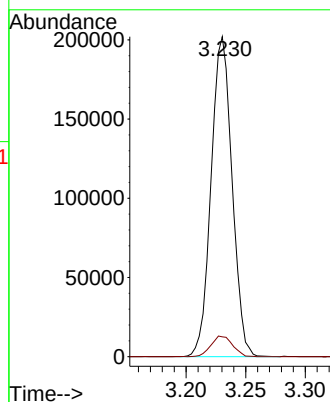
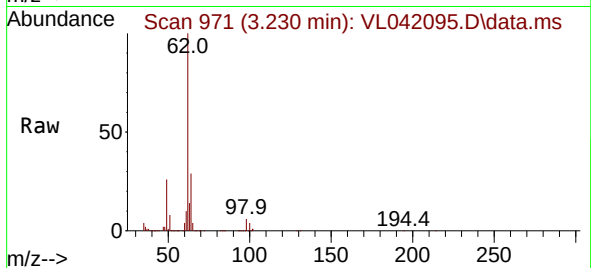
98 6.7 5.7 8.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/06/2025

Supervised By :Mahesh Dadoda 03/06/2025



#38

Trichloroethene

Concen: 10.200 ppbv

RT: 4.567 min Scan# 1384

Delta R.T. -0.003 min

Lab File: VL042095.D

Acq: 05 Mar 2025 08:30

Tgt Ion:130 Resp: 170102

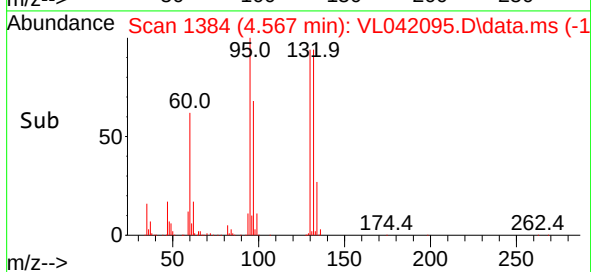
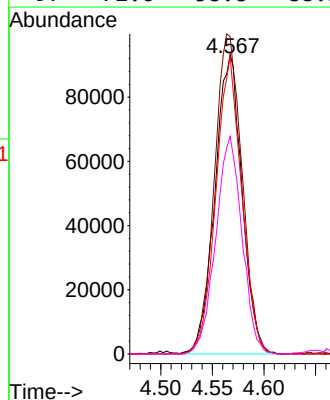
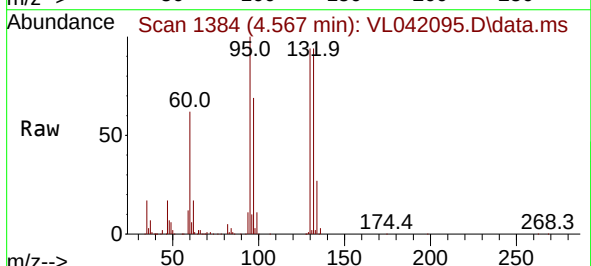
Ion Ratio Lower Upper

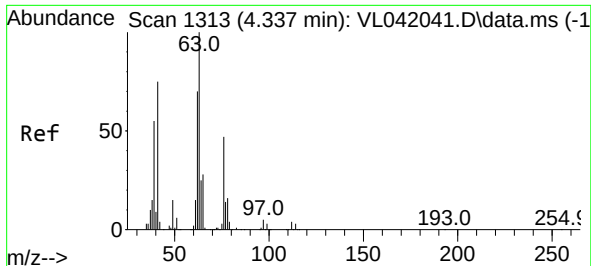
130 100

95 106.0 89.5 134.3

132 99.4 73.8 110.6

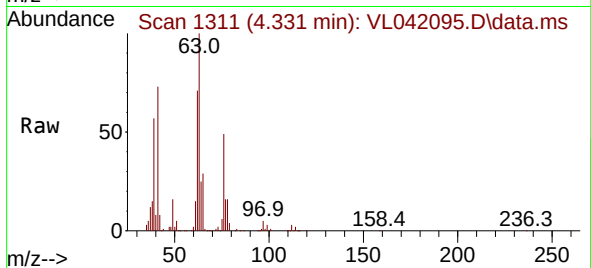
97 72.6 58.8 88.2





#39
1,2-Dichloropropane
Concen: 10.712 ppbv
RT: 4.331 min Scan# 1313
Delta R.T. -0.007 min
Lab File: VL042095.D
Acq: 05 Mar 2025 08:30

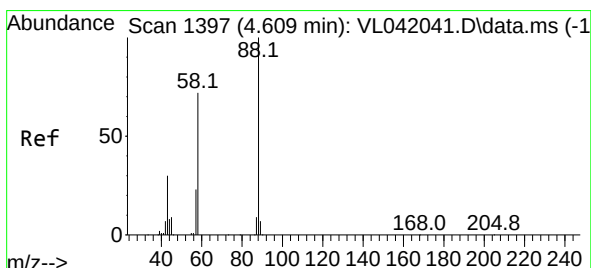
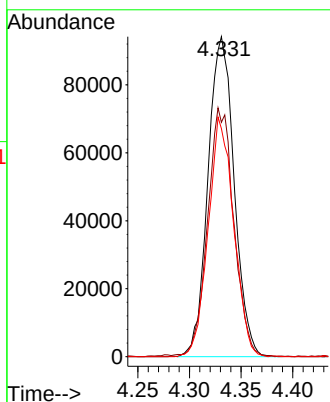
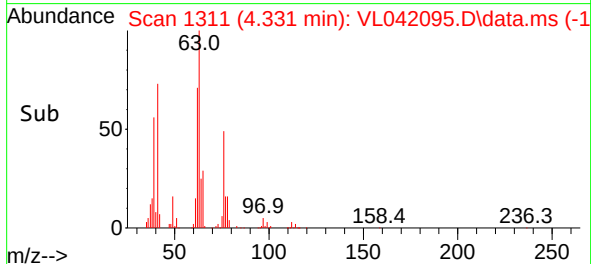
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 63 Resp: 166038
Ion Ratio Lower Upper
63 100
41 73.1 60.1 90.1
62 71.2 55.8 83.8

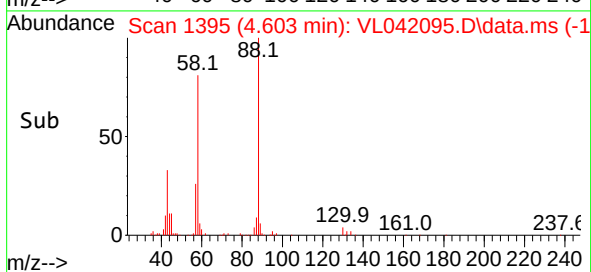
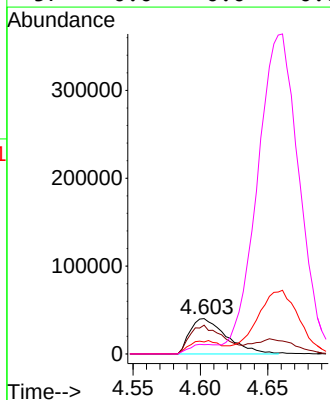
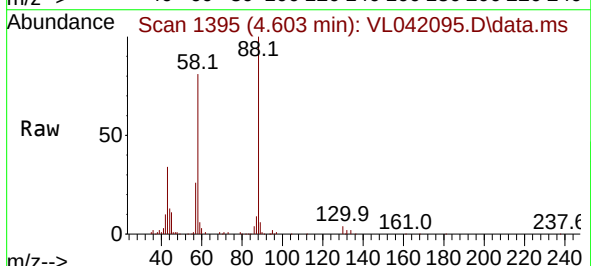
Manual Integrations
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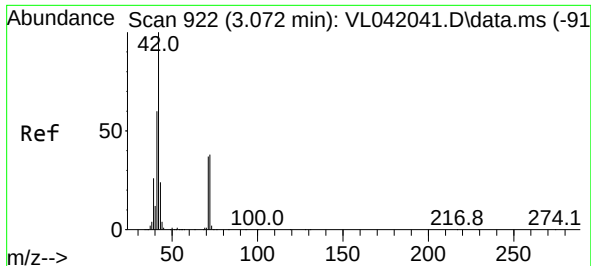
Reviewed By :Semsettin Yesilyurt 03/06/2025
Supervised By :Mahesh Dadoda 03/06/2025



#40
1,4-Dioxane
Concen: 10.790 ppbv
RT: 4.603 min Scan# 1395
Delta R.T. -0.007 min
Lab File: VL042095.D
Acq: 05 Mar 2025 08:30

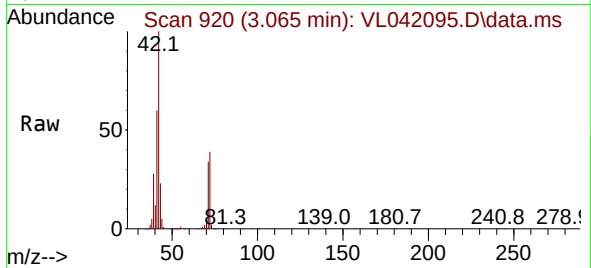
Tgt Ion: 88 Resp: 76351
Ion Ratio Lower Upper
88 100
58 79.1 62.6 94.0
43 29.8 0.0 0.0#
57 0.0 0.0 0.0





#41
Tetrahydrofuran
Concen: 10.764 ppbv
RT: 3.065 min Scan# 91
Delta R.T. -0.007 min
Lab File: VL042095.D
Acq: 05 Mar 2025 08:30

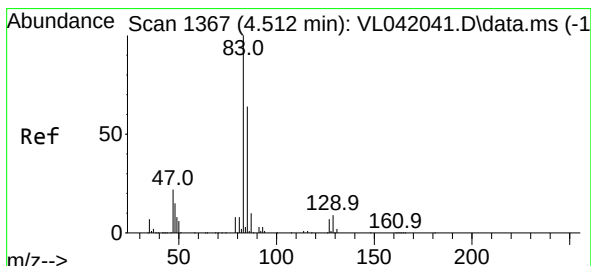
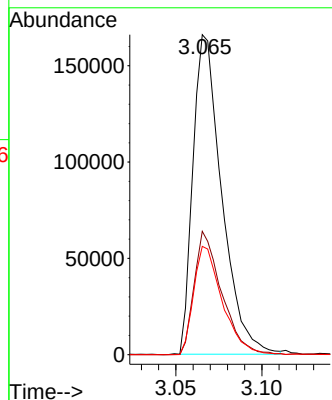
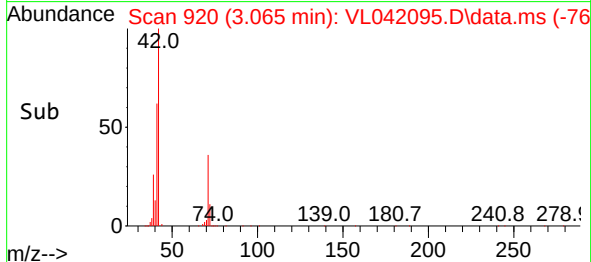
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 42 Resp: 19329
Ion Ratio Lower Upper
42 100
72 37.2 30.2 45.2
71 33.9 28.2 42.4

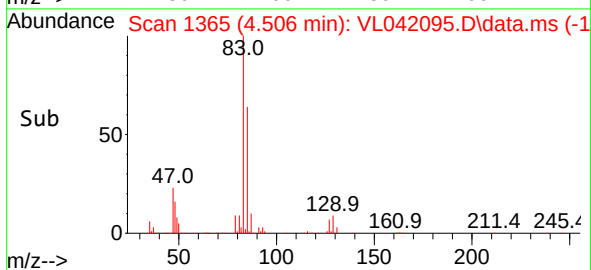
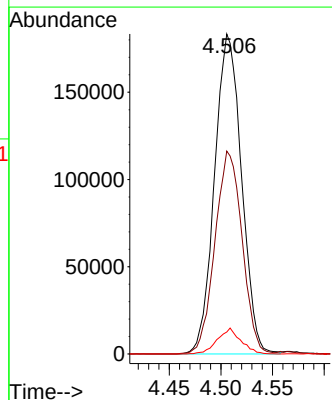
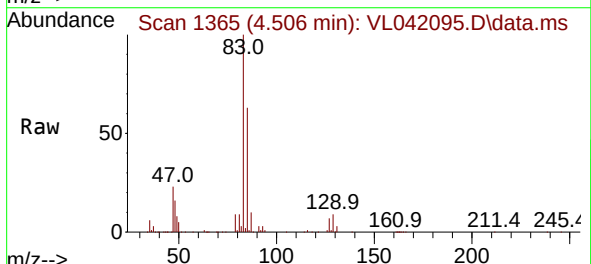
Manual Integrations
APPROVED

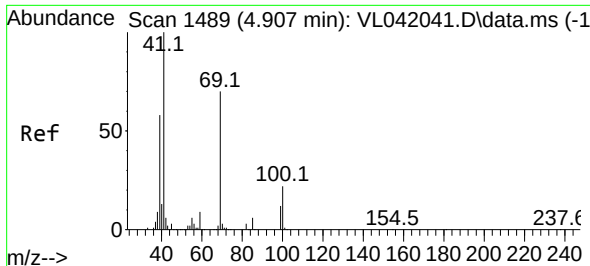
Reviewed By :Semsettin Yesilyurt 03/06/2025
Supervised By :Mahesh Dadoda 03/06/2025



#42
Bromodichloromethane
Concen: 10.931 ppbv
RT: 4.506 min Scan# 1365
Delta R.T. -0.007 min
Lab File: VL042095.D
Acq: 05 Mar 2025 08:30

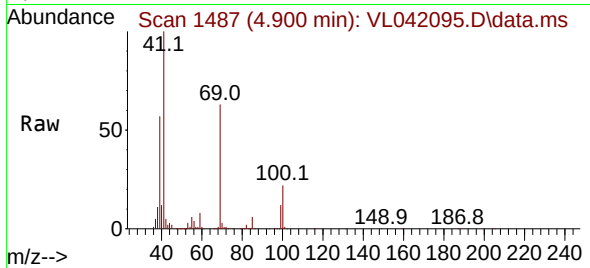
Tgt Ion: 83 Resp: 333484
Ion Ratio Lower Upper
83 100
85 63.2 51.4 77.2
127 6.8 5.8 8.6





#43
Methyl Methacrylate
Concen: 10.334 ppbv
RT: 4.900 min Scan# 1489
Delta R.T. -0.007 min
Lab File: VL042095.D
Acq: 05 Mar 2025 08:30

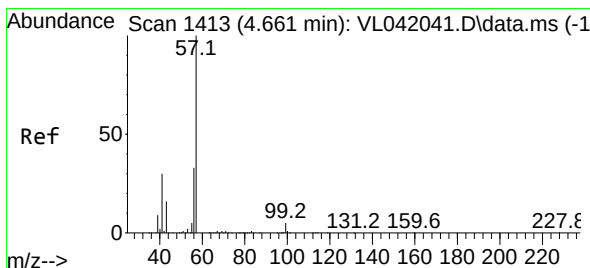
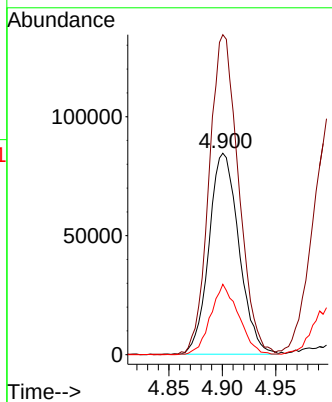
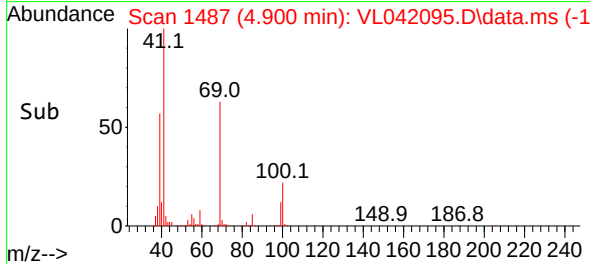
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



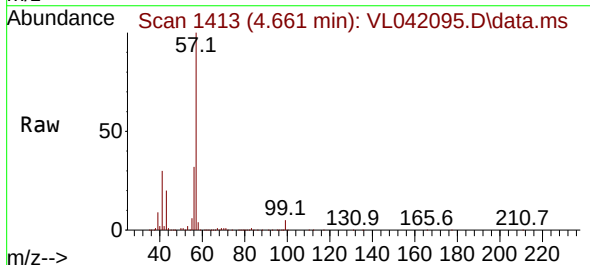
Tgt Ion: 69 Resp: 16480
Ion Ratio Lower Upper
69 100
41 156.7 118.2 177.4
100 32.9 27.0 40.4

Manual Integrations
APPROVED

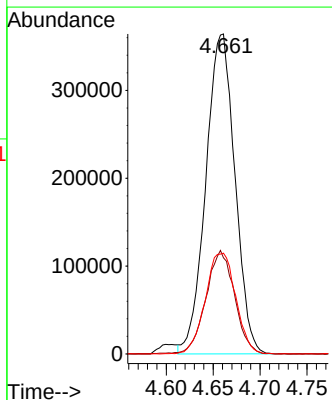
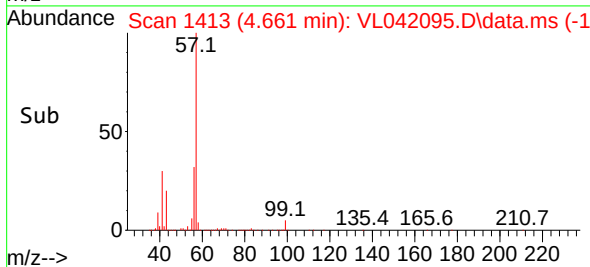
Reviewed By :Semsettin Yesilyurt 03/06/2025
Supervised By :Mahesh Dadoda 03/06/2025

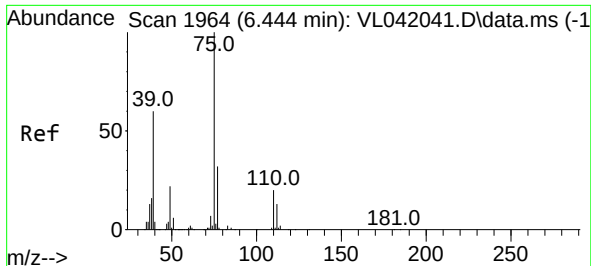


#44
2,2,4-Trimethylpentane
Concen: 10.896 ppbv
RT: 4.661 min Scan# 1413
Delta R.T. -0.000 min
Lab File: VL042095.D
Acq: 05 Mar 2025 08:30



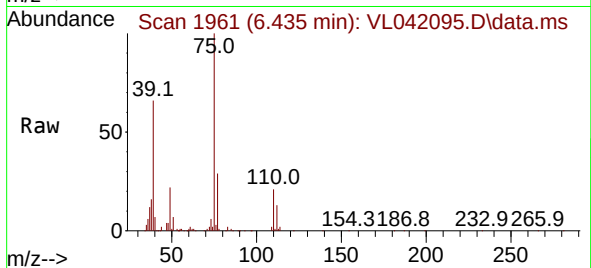
Tgt Ion: 57 Resp: 785325
Ion Ratio Lower Upper
57 100
41 31.9 24.4 36.6
56 32.9 26.5 39.7





#45
 t-1,3-Dichloropropene
 Concen: 9.705 ppbv
 RT: 6.435 min Scan# 1964
 Delta R.T. -0.010 min
 Lab File: VL042095.D
 Acq: 05 Mar 2025 08:30

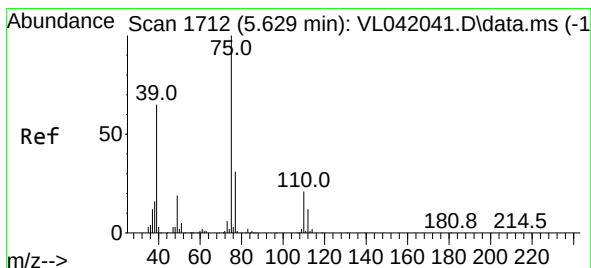
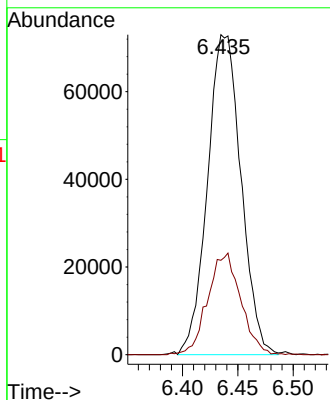
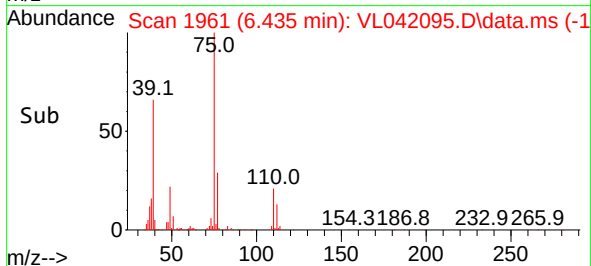
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion: 75 Resp: 153774
 Ion Ratio Lower Upper
 75 100
 77 29.5 25.9 38.9

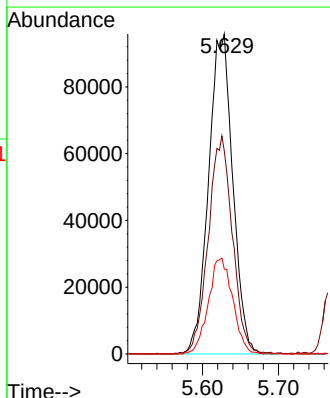
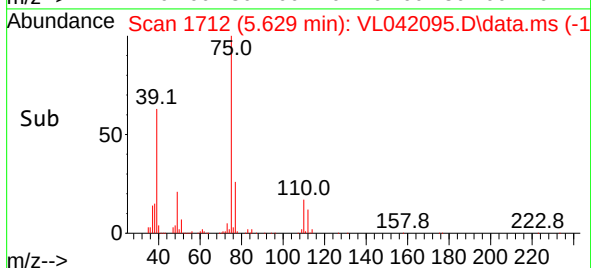
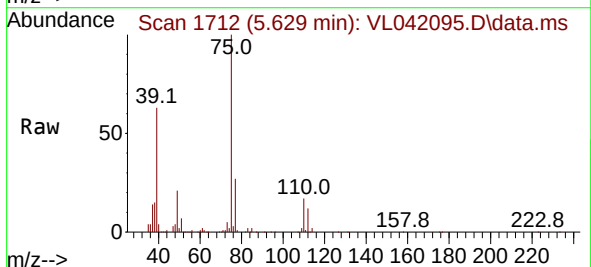
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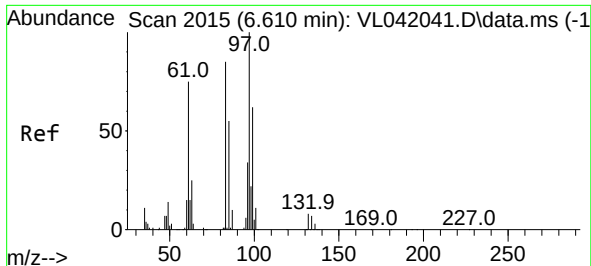
Reviewed By :Semsettin Yesilyurt 03/06/2025
 Supervised By :Mahesh Dadoda 03/06/2025



#46
 cis-1,3-Dichloropropene
 Concen: 10.358 ppbv m
 RT: 5.629 min Scan# 1712
 Delta R.T. -0.000 min
 Lab File: VL042095.D
 Acq: 05 Mar 2025 08:30

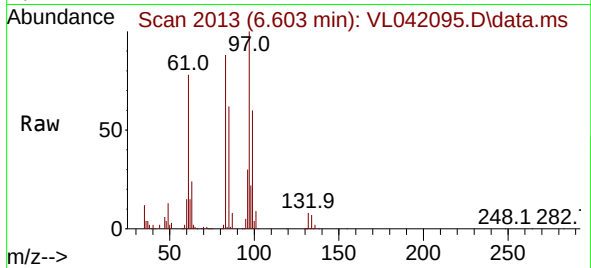
Tgt Ion: 75 Resp: 212388
 Ion Ratio Lower Upper
 75 100
 39 63.5 51.9 77.9
 77 26.5 24.9 37.3





#47
1,1,2-Trichloroethane
Concen: 10.528 ppbv
RT: 6.603 min Scan# 2015
Delta R.T. -0.007 min
Lab File: VL042095.D
Acq: 05 Mar 2025 08:30

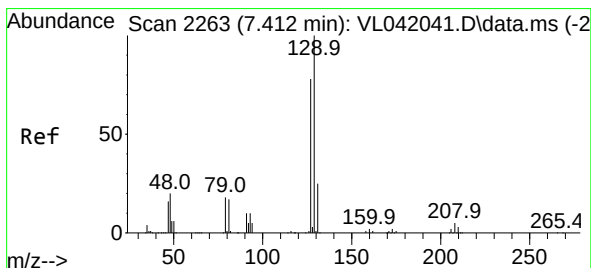
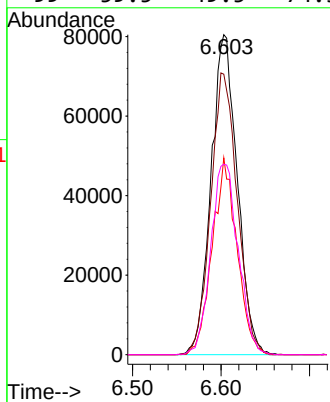
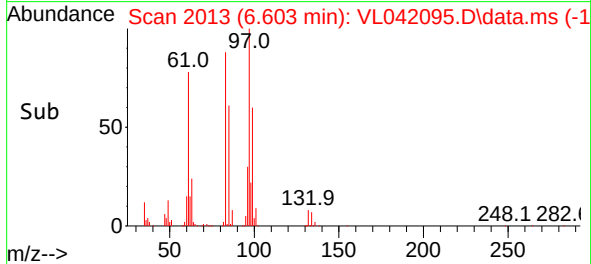
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 97 Resp: 16568
Ion Ratio Lower Upper
97 100
83 87.6 68.1 102.1
85 61.5 44.0 66.0
99 59.5 49.5 74.3

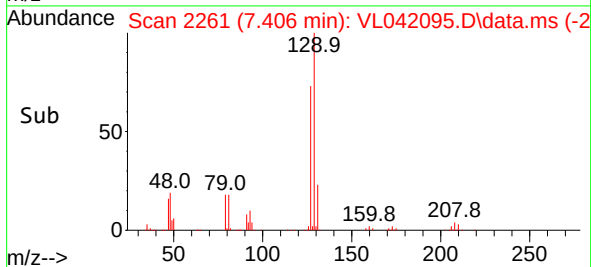
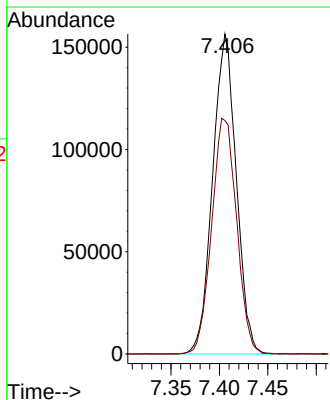
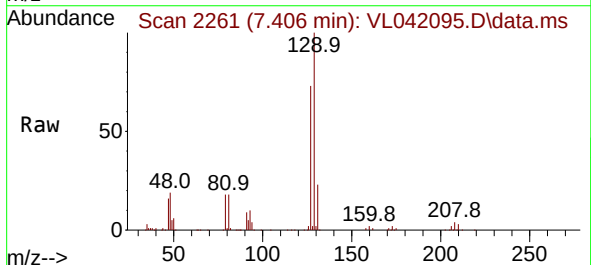
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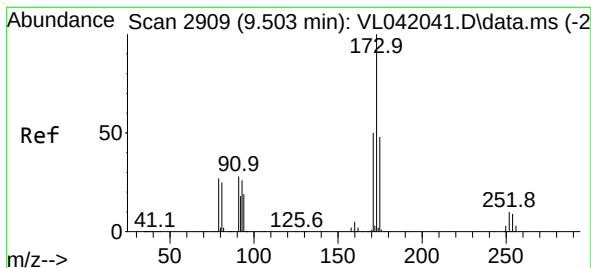
Reviewed By :Semsettin Yesilyurt 03/06/2025
Supervised By :Mahesh Dadoda 03/06/2025



#48
Dibromochloromethane
Concen: 10.789 ppbv
RT: 7.406 min Scan# 2261
Delta R.T. -0.007 min
Lab File: VL042095.D
Acq: 05 Mar 2025 08:30

Tgt Ion:129 Resp: 265905
Ion Ratio Lower Upper
129 100
127 77.7 38.6 115.8





#49

Bromoform

Concen: 10.816 ppbv

RT: 9.500 min Scan# 2909

Delta R.T. -0.003 min

Lab File: VL042095.D

Acq: 05 Mar 2025 08:30

Instrument :

MSVOA_L

ClientSampleId :

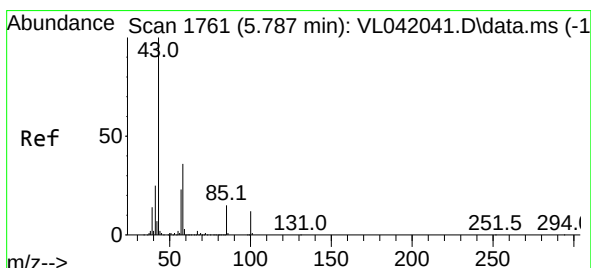
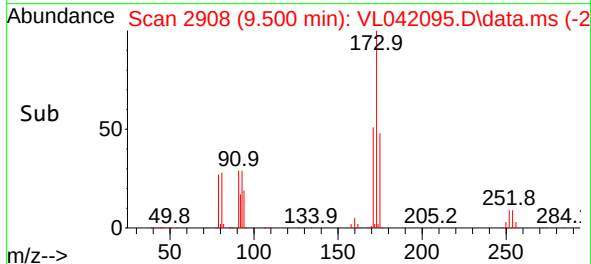
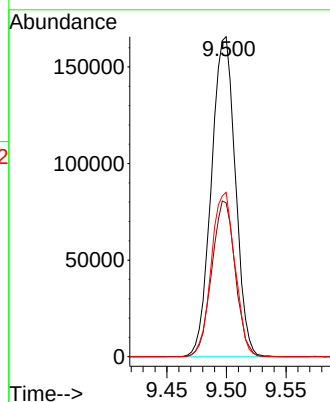
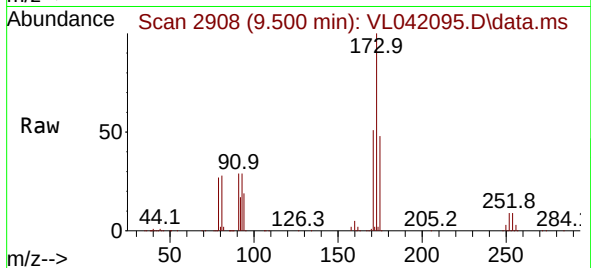
VSTDCCC010

Tgt Ion:173 Resp: 231508
 Ion Ratio Lower Upper
 173 100
 175 47.6 38.3 57.5
 171 50.8 40.2 60.2

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/06/2025
 Supervised By :Mahesh Dadoda 03/06/2025



#50

4-Methyl-2-Pentanone

Concen: 11.951 ppbv

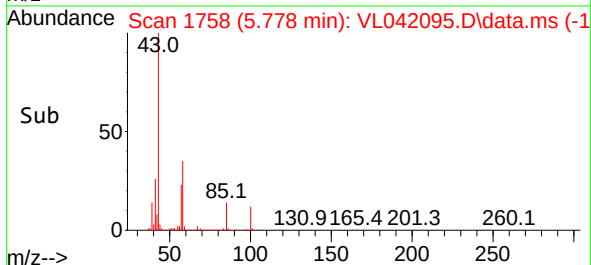
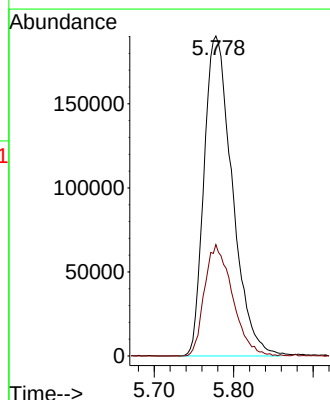
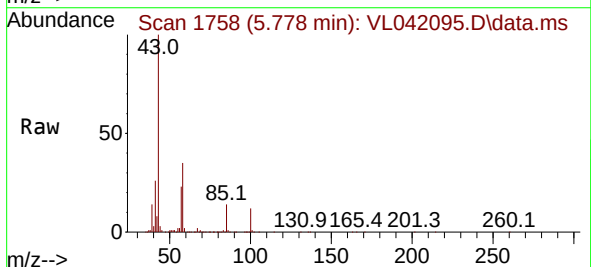
RT: 5.778 min Scan# 1758

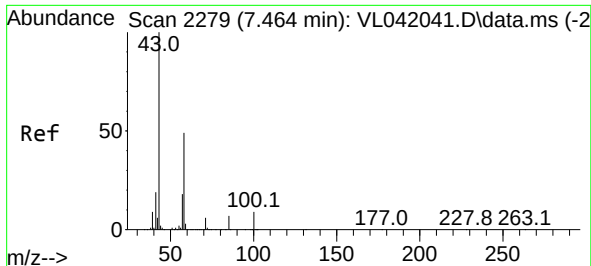
Delta R.T. -0.010 min

Lab File: VL042095.D

Acq: 05 Mar 2025 08:30

Tgt Ion: 43 Resp: 469741
 Ion Ratio Lower Upper
 43 100
 58 34.6 29.3 43.9





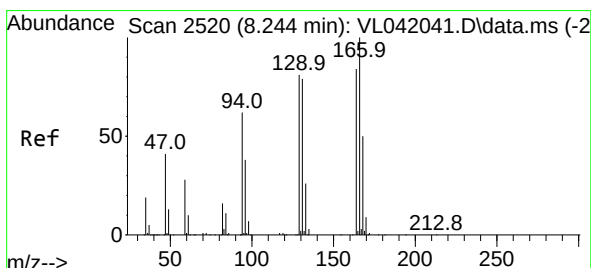
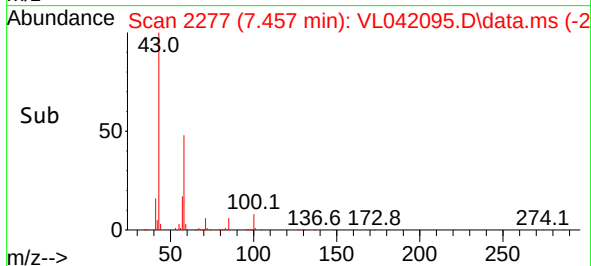
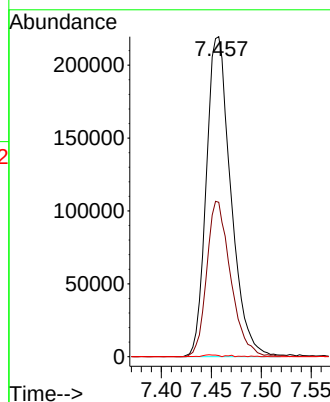
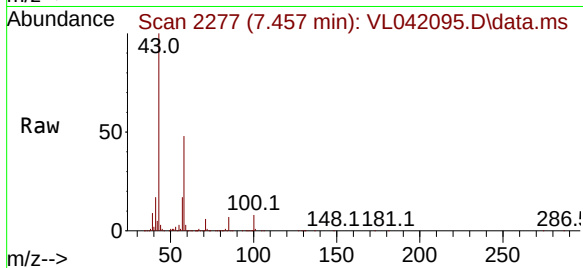
#51
2-Hexanone
Concen: 13.887 ppbv
RT: 7.457 min Scan# 2199
Delta R.T. -0.007 min
Lab File: VL042095.D
Acq: 05 Mar 2025 08:30

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 37568
Ion Ratio Lower Upper
43 100
58 47.5 39.0 58.6
98 0.5 0.1 0.1

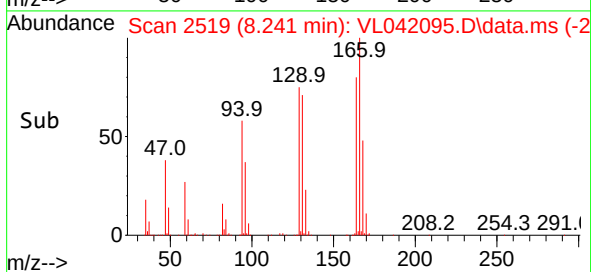
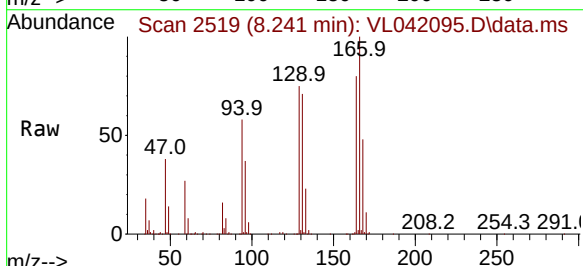
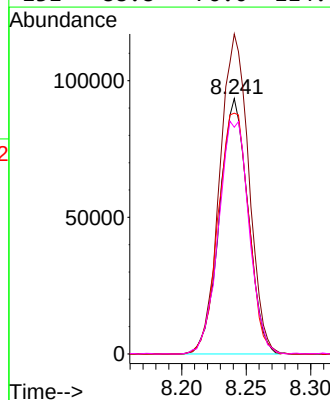
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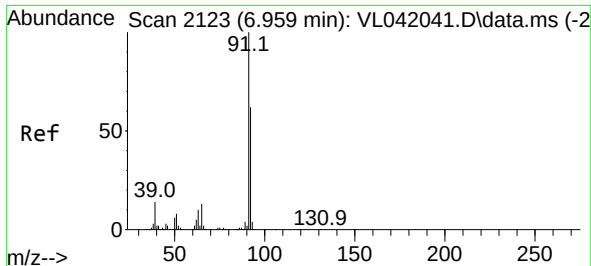
Reviewed By :Semsettin Yesilyurt 03/06/2025
Supervised By :Mahesh Dadoda 03/06/2025



#52
Tetrachloroethene
Concen: 10.273 ppbv
RT: 8.241 min Scan# 2519
Delta R.T. -0.003 min
Lab File: VL042095.D
Acq: 05 Mar 2025 08:30

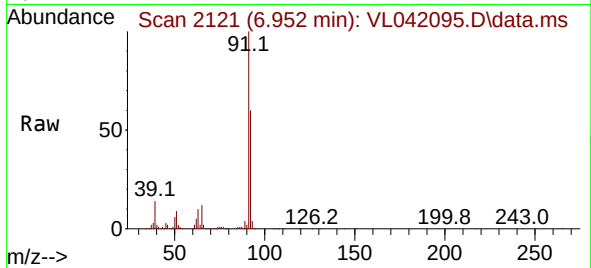
Tgt Ion:164 Resp: 143621
Ion Ratio Lower Upper
164 100
166 125.3 95.7 143.5
129 94.3 77.1 115.7
131 88.8 76.0 114.0





#53
Toluene
Concen: 10.369 ppbv
RT: 6.952 min Scan# 2121
Delta R.T. -0.007 min
Lab File: VL042095.D
Acq: 05 Mar 2025 08:30

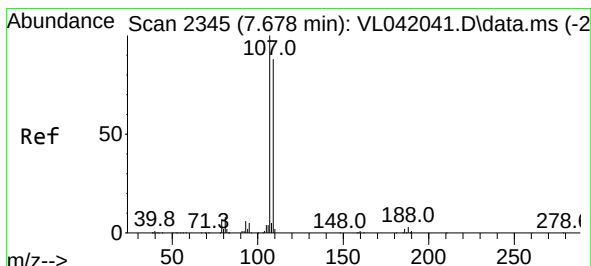
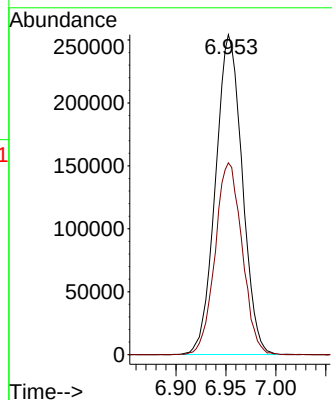
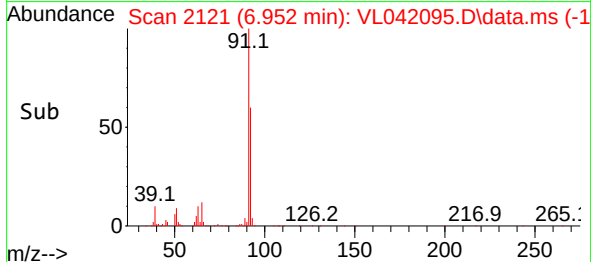
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



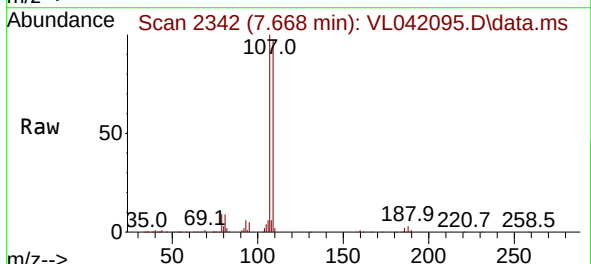
Tgt Ion: 91 Resp: 47324
Ion Ratio Lower Upper
91 100
92 60.6 49.0 73.6

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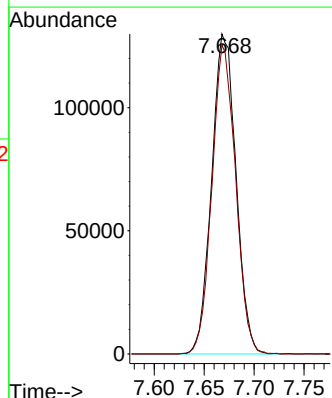
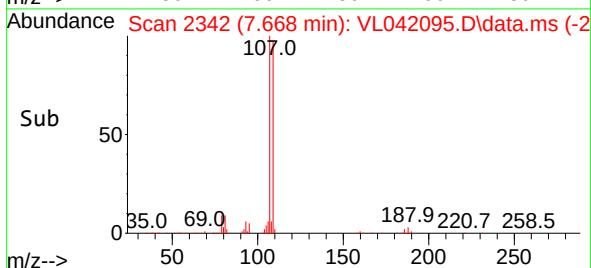
Reviewed By :Semsettin Yesilyurt 03/06/2025
Supervised By :Mahesh Dadoda 03/06/2025

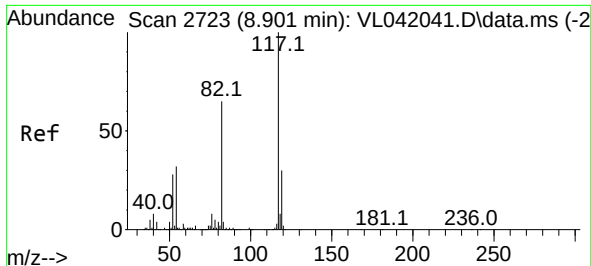


#54
1,2-Dibromoethane
Concen: 10.373 ppbv
RT: 7.668 min Scan# 2342
Delta R.T. -0.010 min
Lab File: VL042095.D
Acq: 05 Mar 2025 08:30



Tgt Ion:107 Resp: 220700
Ion Ratio Lower Upper
107 100
109 96.5 70.2 105.4





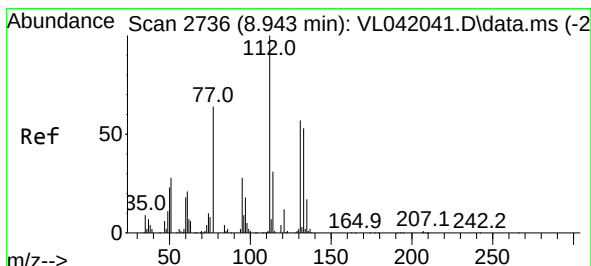
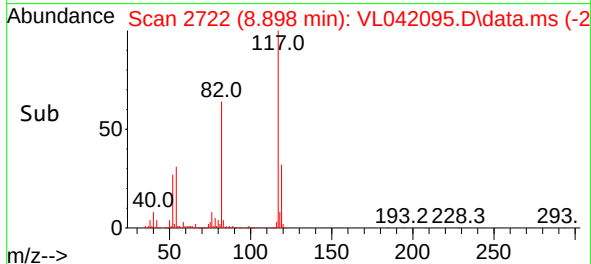
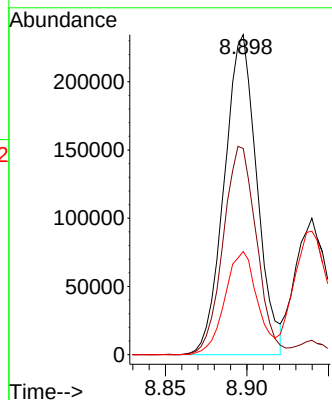
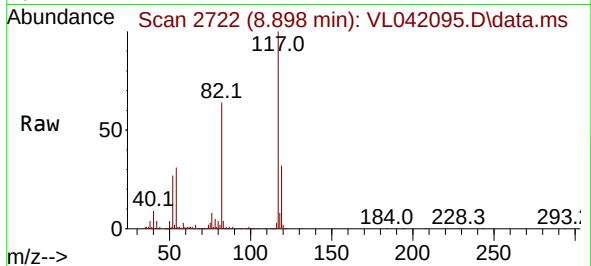
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.898 min Scan# 2723
Delta R.T. -0.003 min
Lab File: VL042095.D
Acq: 05 Mar 2025 08:30

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:117 Resp: 32669
Ion Ratio Lower Upper
117 100
82 70.4 55.0 82.6
119 32.9 25.9 38.9

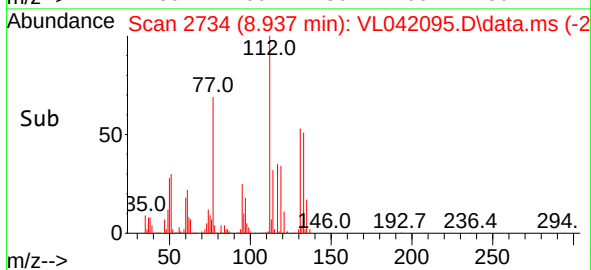
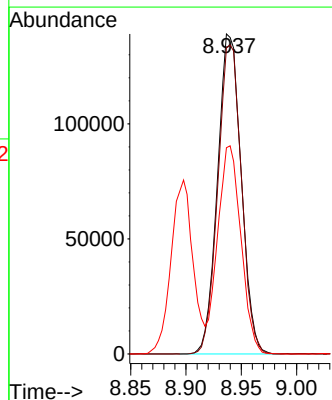
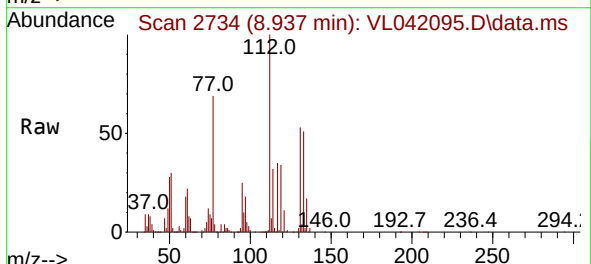
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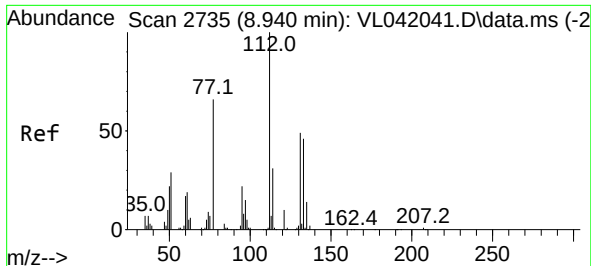
Reviewed By :Semsettin Yesilyurt 03/06/2025
Supervised By :Mahesh Dadoda 03/06/2025



#56
1,1,1,2-Tetrachloroethane
Concen: 11.216 ppbv
RT: 8.937 min Scan# 2734
Delta R.T. -0.007 min
Lab File: VL042095.D
Acq: 05 Mar 2025 08:30

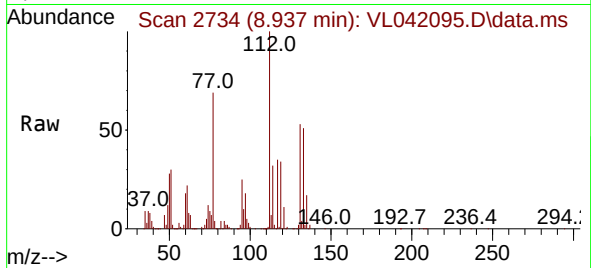
Tgt Ion:131 Resp: 207111
Ion Ratio Lower Upper
131 100
133 96.2 75.8 113.8
119 63.9 52.1 78.1





#57
Chlorobenzene
Concen: 11.186 ppbv
RT: 8.937 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL042095.D
Acq: 05 Mar 2025 08:30

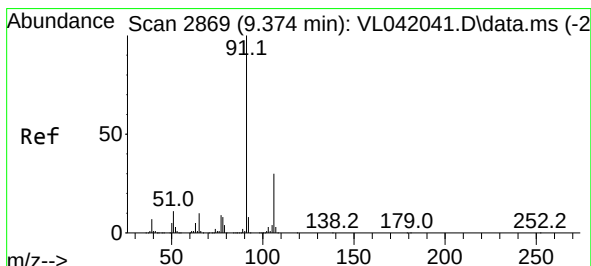
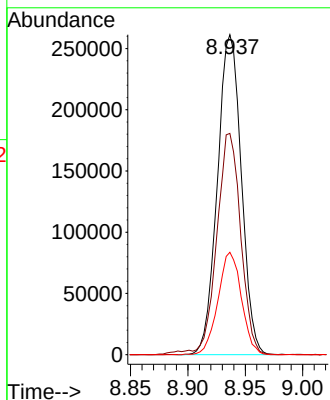
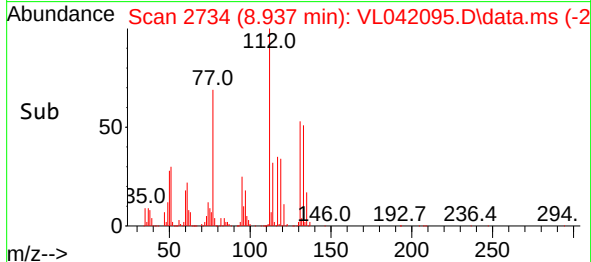
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:112 Resp: 37890
Ion Ratio Lower Upper
112 100
77 69.2 53.4 80.2
114 32.0 28.3 34.5

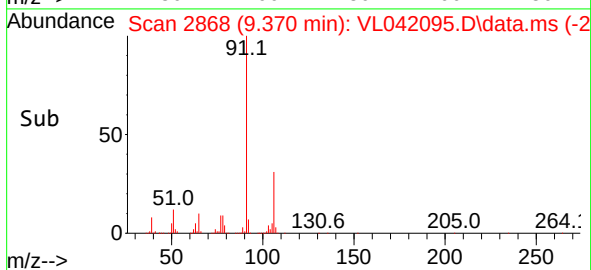
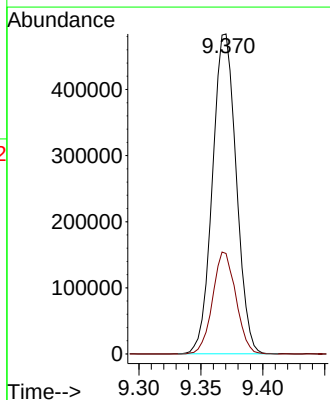
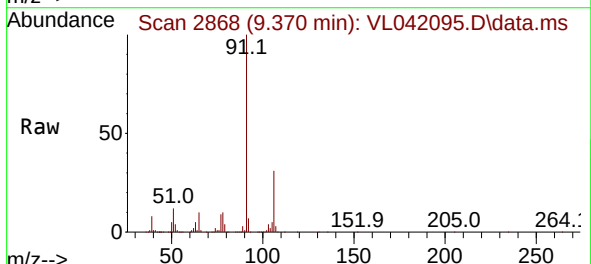
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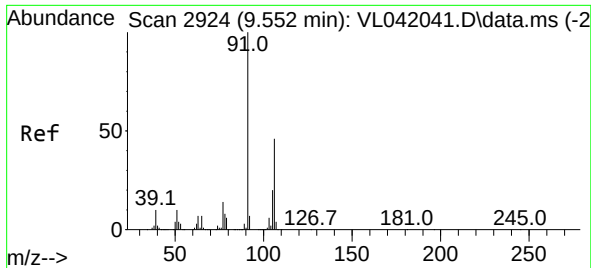
Reviewed By :Semsettin Yesilyurt 03/06/2025
Supervised By :Mahesh Dadoda 03/06/2025



#58
Ethyl Benzene
Concen: 10.766 ppbv
RT: 9.370 min Scan# 2868
Delta R.T. -0.003 min
Lab File: VL042095.D
Acq: 05 Mar 2025 08:30

Tgt Ion: 91 Resp: 647740
Ion Ratio Lower Upper
91 100
106 31.4 24.2 36.2





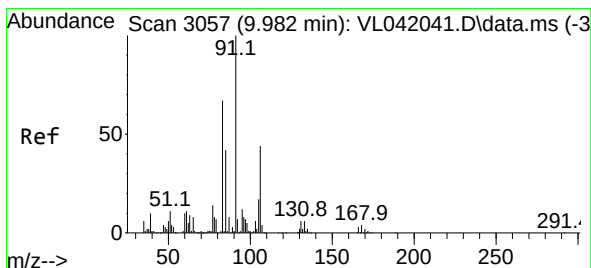
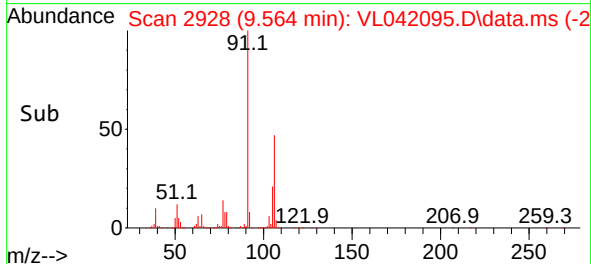
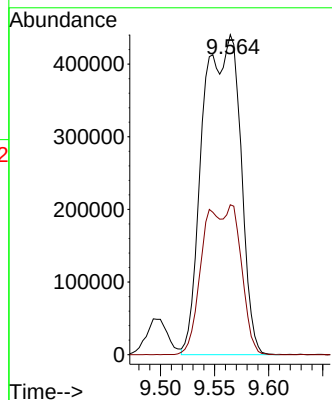
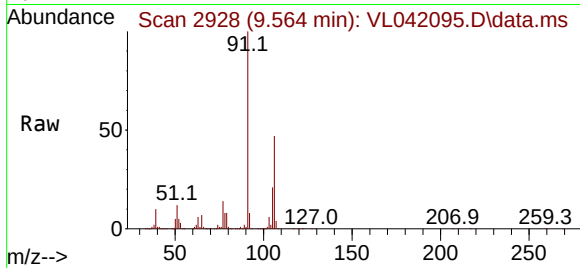
#59
m/p-Xylene
Concen: 22.289 ppbv m
RT: 9.564 min Scan# 2924
Delta R.T. 0.013 min
Lab File: VL042095.D
Acq: 05 Mar 2025 08:30

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 106718
Ion Ratio Lower Upper
91 100
106 0.0 0.0 0.0

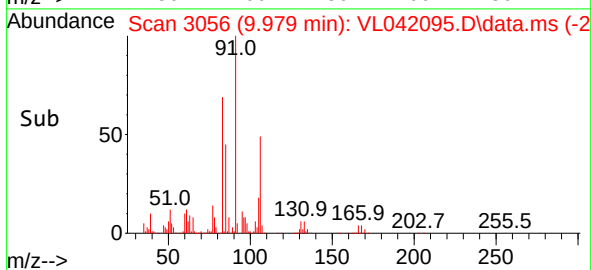
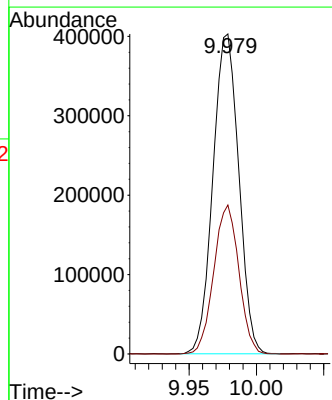
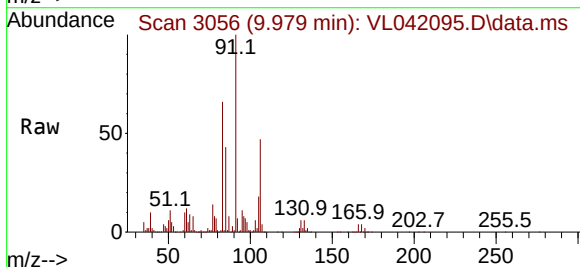
Manual Integrations
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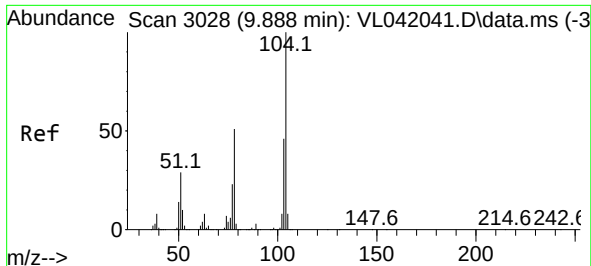
Reviewed By :Semsettin Yesilyurt 03/06/2025
Supervised By :Mahesh Dadoda 03/06/2025



#60
o-Xylene
Concen: 11.145 ppbv
RT: 9.979 min Scan# 3056
Delta R.T. -0.003 min
Lab File: VL042095.D
Acq: 05 Mar 2025 08:30

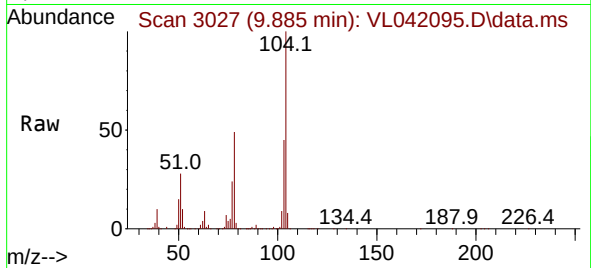
Tgt Ion: 91 Resp: 536421
Ion Ratio Lower Upper
91 100
106 45.4 22.3 66.8





#61
Styrene
Concen: 10.850 ppbv
RT: 9.885 min Scan# 3028
Delta R.T. -0.003 min
Lab File: VL042095.D
Acq: 05 Mar 2025 08:30

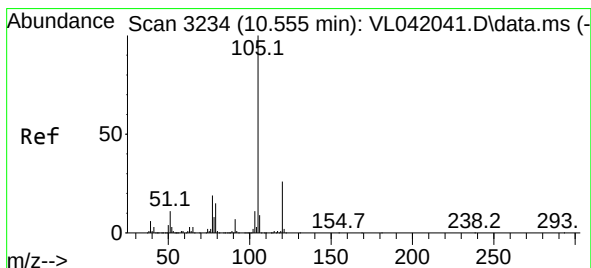
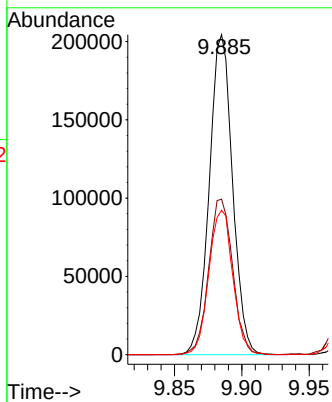
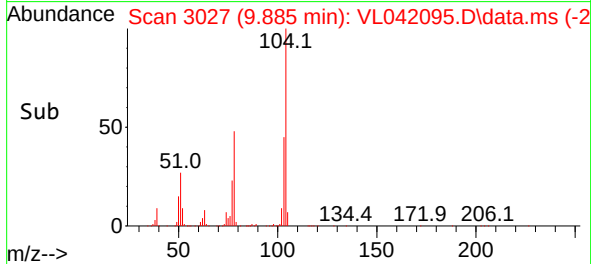
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



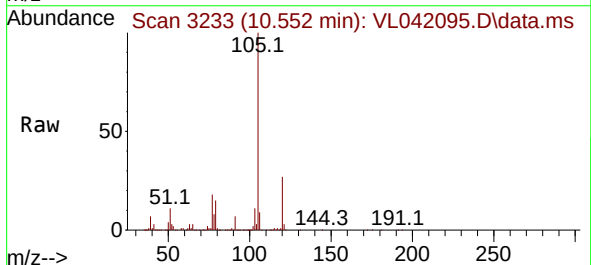
Tgt Ion:104 Resp: 245534
Ion Ratio Lower Upper
104 100
78 50.3 41.0 61.4
103 46.6 37.0 55.6

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APPROVED

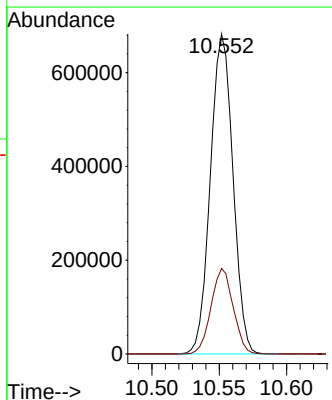
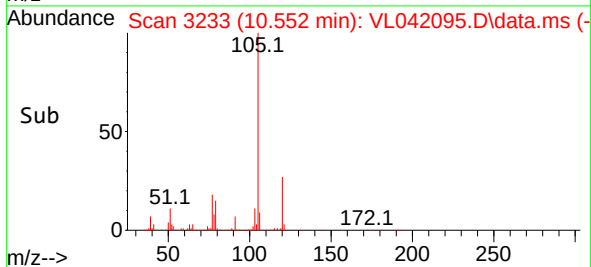
Reviewed By :Semsettin Yesilyurt 03/06/2025
Supervised By :Mahesh Dadoda 03/06/2025

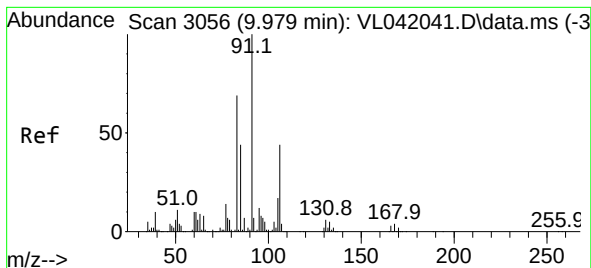


#62
Isopropylbenzene
Concen: 11.047 ppbv
RT: 10.552 min Scan# 3233
Delta R.T. -0.003 min
Lab File: VL042095.D
Acq: 05 Mar 2025 08:30



Tgt Ion:105 Resp: 796344
Ion Ratio Lower Upper
105 100
120 26.0 20.7 31.1





#63

1,1,2,2-Tetrachloroethane

Concen: 11.432 ppbv

RT: 9.976 min Scan# 3056

Delta R.T. -0.003 min

Lab File: VL042095.D

Acq: 05 Mar 2025 08:30

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 83 Resp: 36236

Ion Ratio Lower Upper

83 100

131 9.2 4.5 13.7

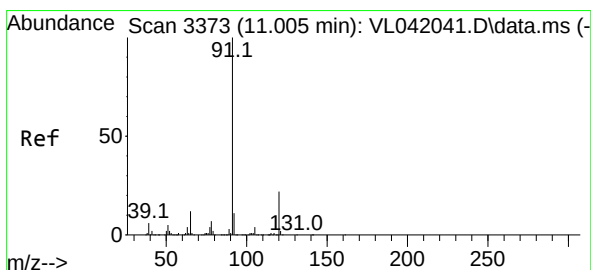
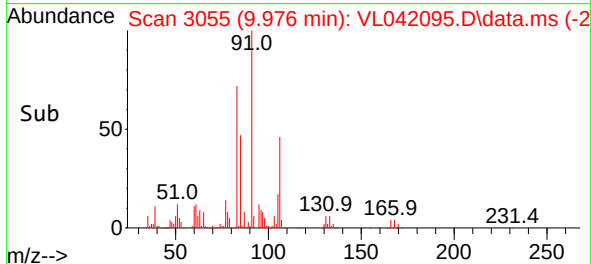
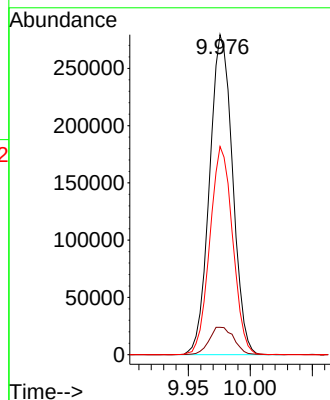
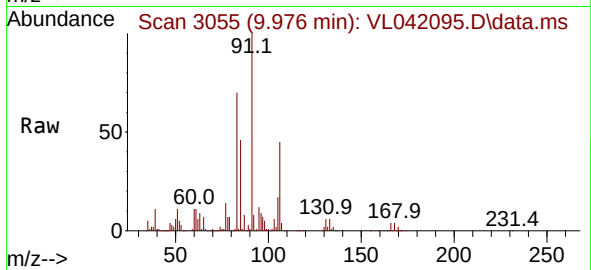
85 64.3 32.1 96.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/06/2025

Supervised By :Mahesh Dadoda 03/06/2025



#64

n-propylbenzene

Concen: 11.265 ppbv

RT: 11.002 min Scan# 3372

Delta R.T. -0.003 min

Lab File: VL042095.D

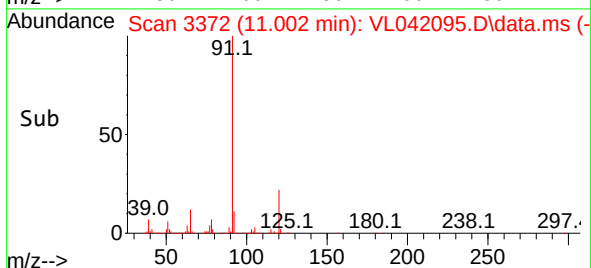
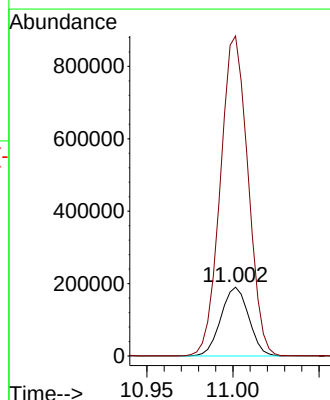
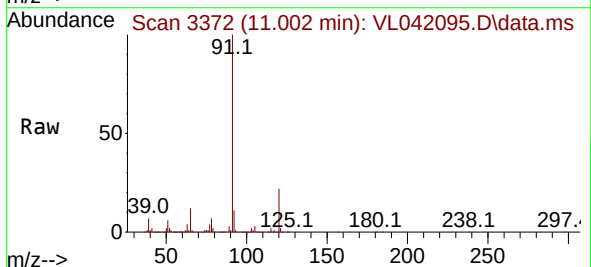
Acq: 05 Mar 2025 08:30

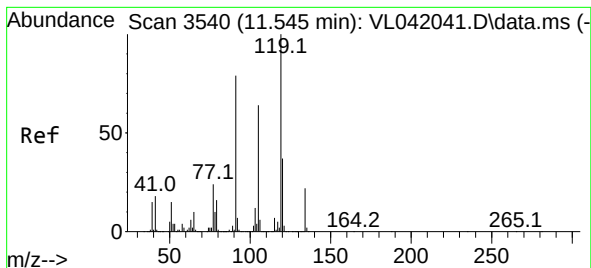
Tgt Ion:120 Resp: 213005

Ion Ratio Lower Upper

120 100

91 464.2 370.6 556.0





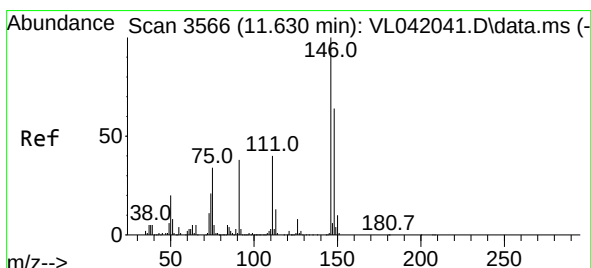
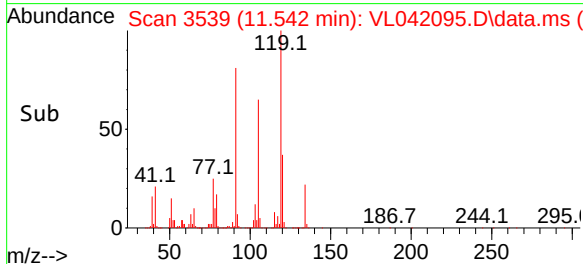
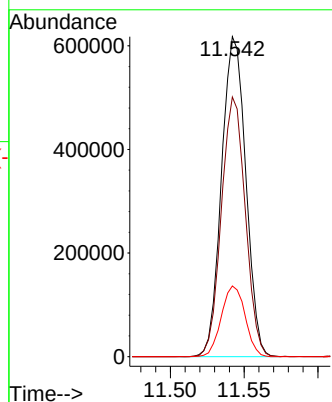
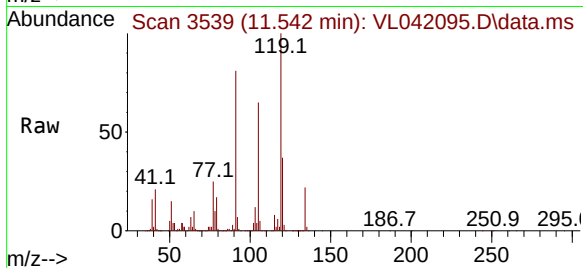
#65
tert-Butylbenzene
Concen: 10.756 ppbv
RT: 11.542 min Scan# 3539
Delta R.T. -0.003 min
Lab File: VL042095.D
Acq: 05 Mar 2025 08:30

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion: 119 Resp: 70565
Ion Ratio Lower Upper
119 100
91 80.1 64.2 96.2
134 21.7 17.4 26.2

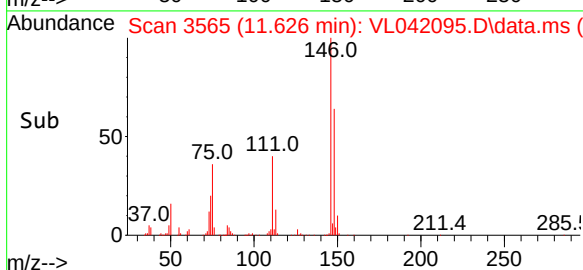
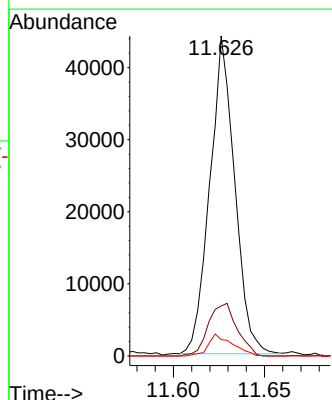
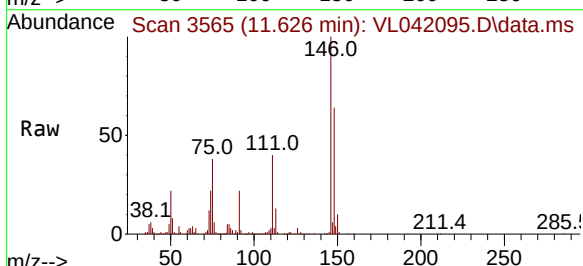
Manual Integrations
APPROVED

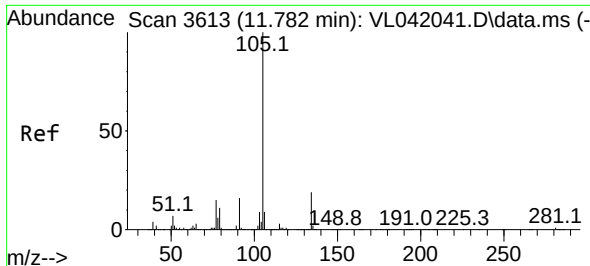
Reviewed By :Semsettin Yesilyurt 03/06/2025
Supervised By :Mahesh Dadoda 03/06/2025



#66
Benzyl Chloride
Concen: 8.373 ppbv
RT: 11.626 min Scan# 3565
Delta R.T. -0.003 min
Lab File: VL042095.D
Acq: 05 Mar 2025 08:30

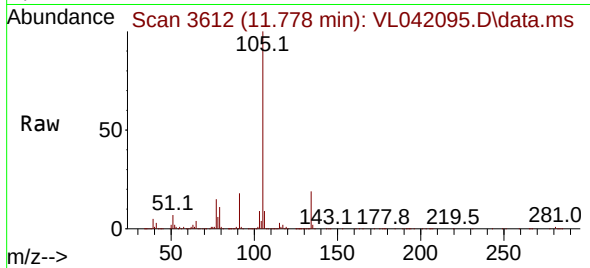
Tgt Ion: 91 Resp: 41915
Ion Ratio Lower Upper
91 100
126 19.0 14.5 21.7
128 6.6 5.4 8.2





#67
 sec-Butylbenzene
 Concen: 10.846 ppbv
 RT: 11.778 min Scan# 3612
 Delta R.T. -0.003 min
 Lab File: VL042095.D
 Acq: 05 Mar 2025 08:30

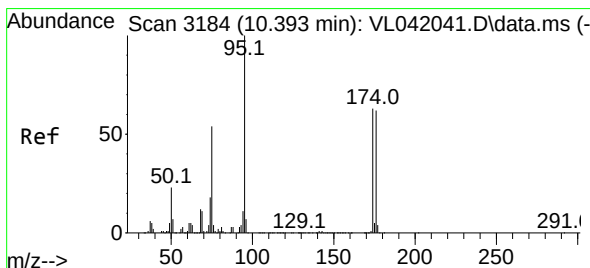
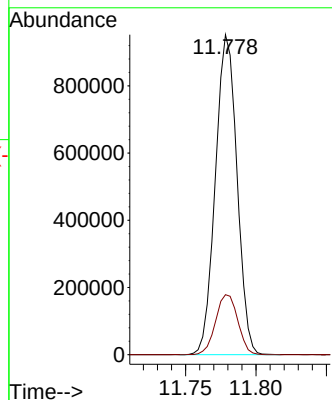
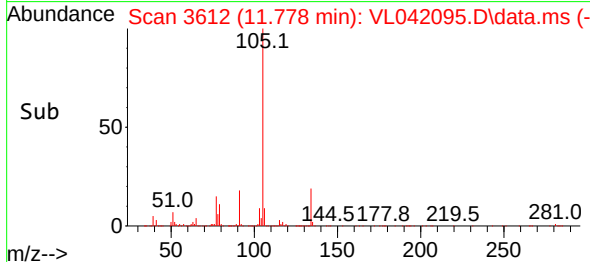
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



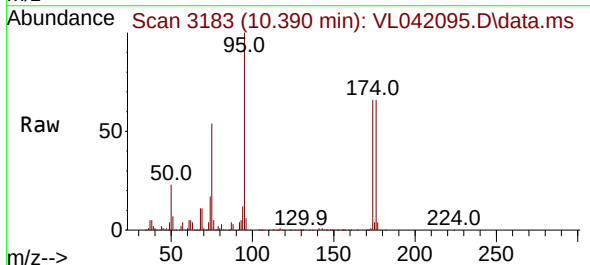
Tgt Ion:105 Resp: 1017670
 Ion Ratio Lower Upper
 105 100
 134 19.3 14.9 22.3

Manual Integrations
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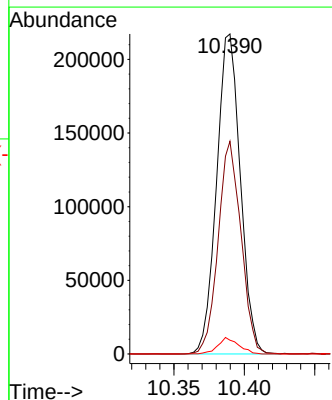
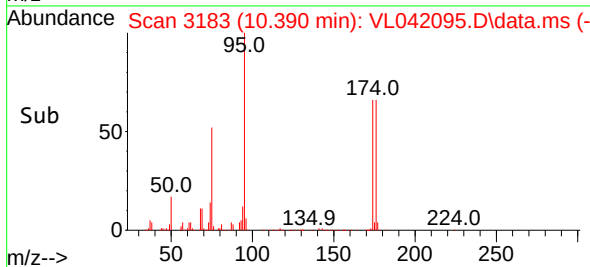
Reviewed By :Semsettin Yesilyurt 03/06/2025
 Supervised By :Mahesh Dadoda 03/06/2025

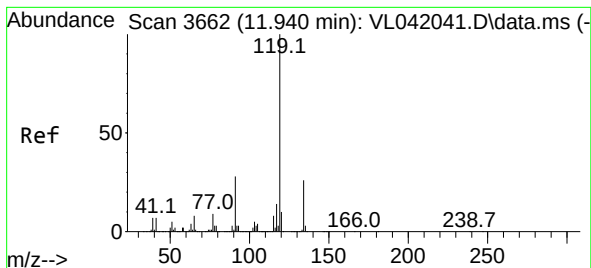


#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.143 ppbv
 RT: 10.390 min Scan# 3183
 Delta R.T. -0.003 min
 Lab File: VL042095.D
 Acq: 05 Mar 2025 08:30



Tgt Ion: 95 Resp: 254935
 Ion Ratio Lower Upper
 95 100
 174 63.9 51.8 77.6
 175 4.5 3.9 5.9





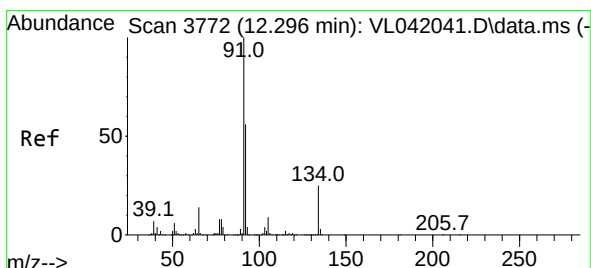
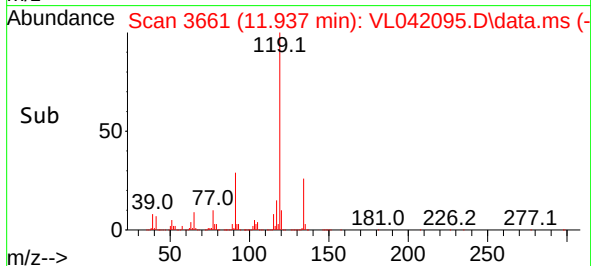
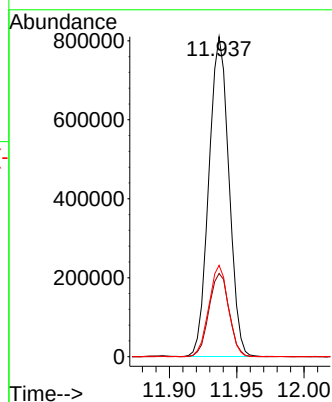
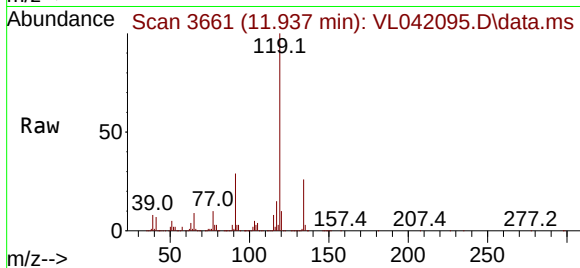
#69
p-Isopropyltoluene
Concen: 11.238 ppbv
RT: 11.937 min Scan# 3661
Delta R.T. -0.003 min
Lab File: VL042095.D
Acq: 05 Mar 2025 08:30

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:119 Resp: 838899
Ion Ratio Lower Upper
119 100
134 26.1 20.9 31.3
91 27.9 23.1 34.7

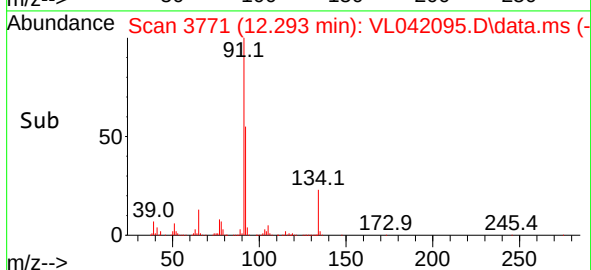
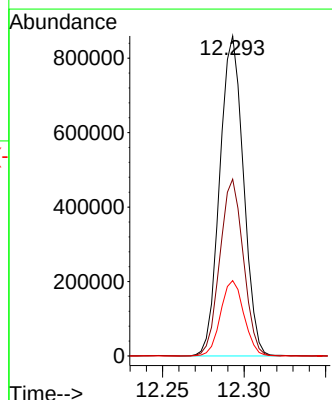
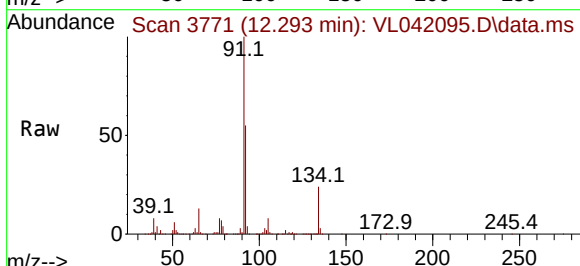
Manual Integrations
APPROVED

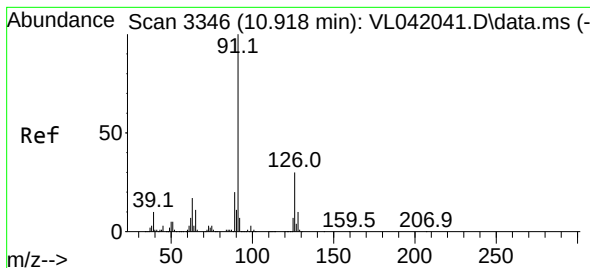
Reviewed By :Semsettin Yesilyurt 03/06/2025
Supervised By :Mahesh Dadoda 03/06/2025



#70
n-Butylbenzene
Concen: 11.390 ppbv
RT: 12.293 min Scan# 3771
Delta R.T. -0.003 min
Lab File: VL042095.D
Acq: 05 Mar 2025 08:30

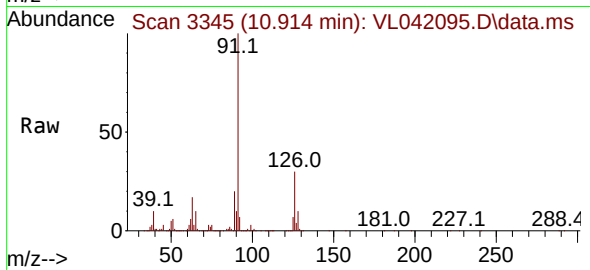
Tgt Ion: 91 Resp: 867869
Ion Ratio Lower Upper
91 100
92 54.9 44.7 67.1
134 23.2 18.9 28.3





#71
2-Chlorotoluene
Concen: 10.798 ppbv
RT: 10.914 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL042095.D
Acq: 05 Mar 2025 08:30

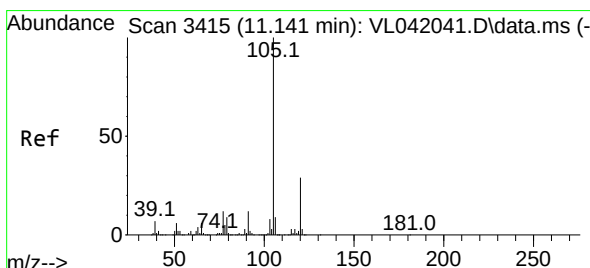
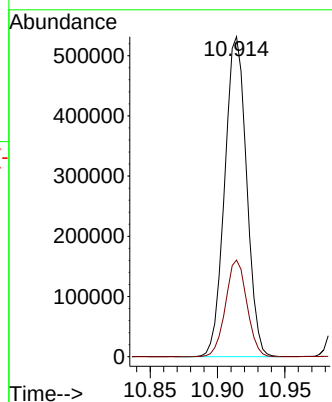
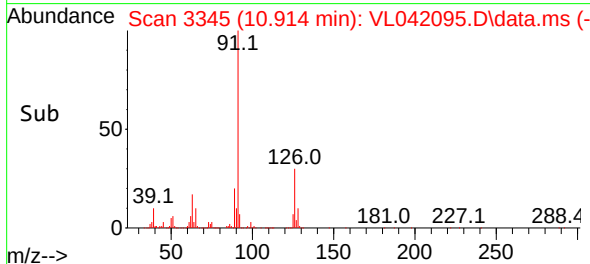
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



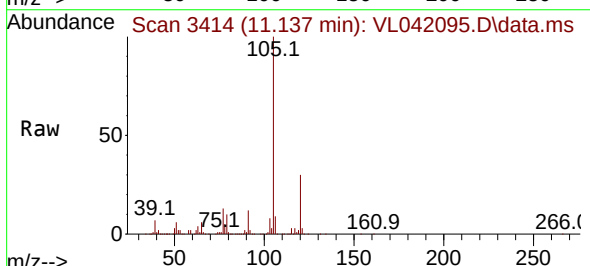
Tgt Ion: 91 Resp: 600054
Ion Ratio Lower Upper
91 100
126 29.5 11.9 47.5

Manual Integrations
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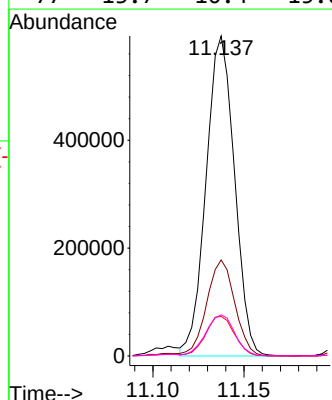
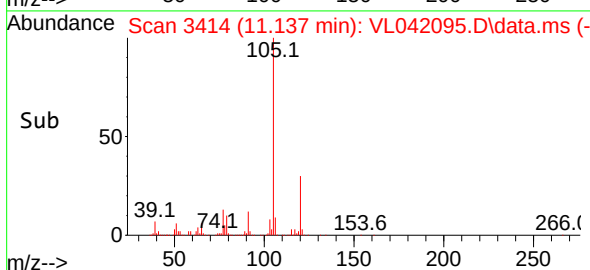
Reviewed By :Semsettin Yesilyurt 03/06/2025
Supervised By :Mahesh Dadoda 03/06/2025

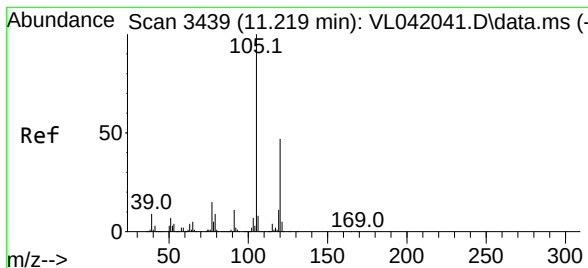


#72
4-Ethyltoluene
Concen: 10.965 ppbv
RT: 11.137 min Scan# 3414
Delta R.T. -0.003 min
Lab File: VL042095.D
Acq: 05 Mar 2025 08:30



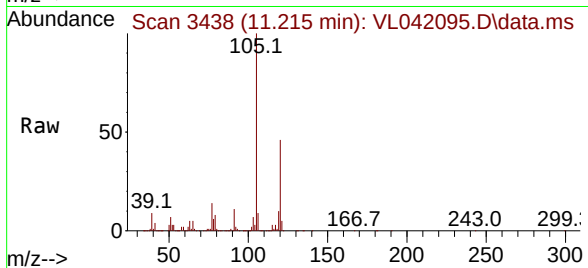
Tgt Ion:105 Resp: 644397
Ion Ratio Lower Upper
105 100
120 30.4 24.1 36.1
91 13.1 10.2 15.4
77 13.7 10.4 15.6





#73
1,3,5-Trimethylbenzene
Concen: 10.759 ppbv
RT: 11.215 min Scan# 3439
Delta R.T. -0.003 min
Lab File: VL042095.D
Acq: 05 Mar 2025 08:30

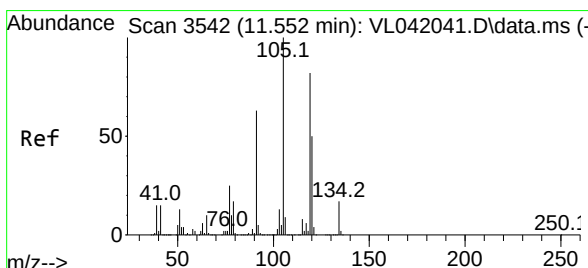
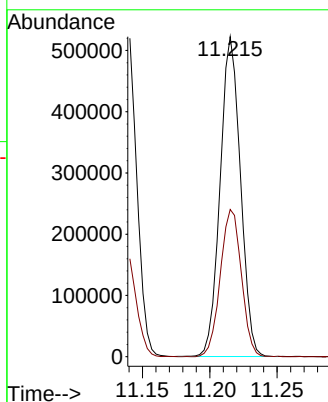
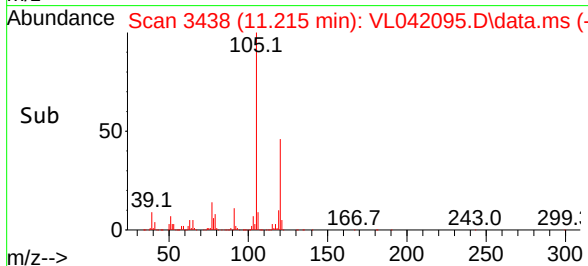
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



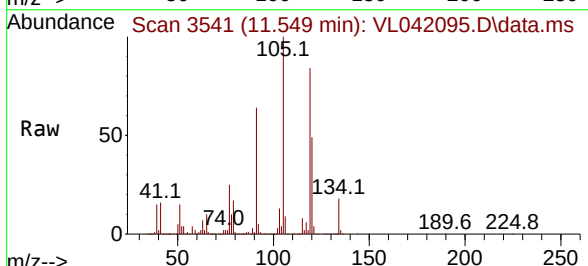
Tgt Ion:105 Resp: 54847
Ion Ratio Lower Upper
105 100
120 46.0 37.4 56.0

Manual Integrations
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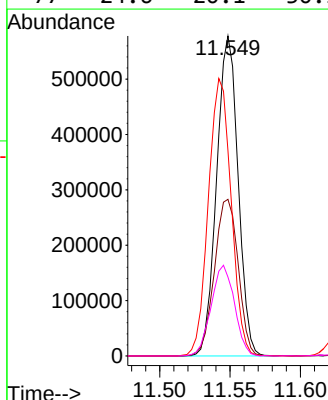
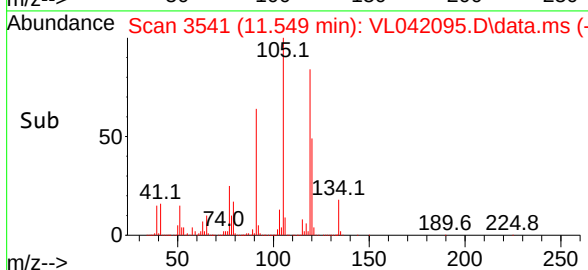
Reviewed By :Semsettin Yesilyurt 03/06/2025
Supervised By :Mahesh Dadoda 03/06/2025

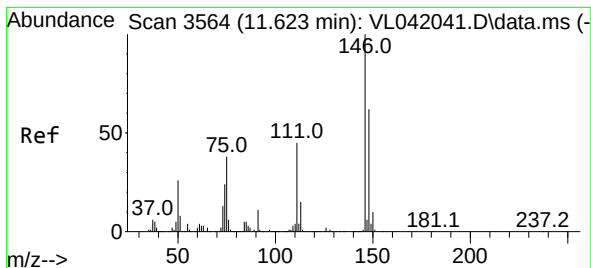


#74
1,2,4-Trimethylbenzene
Concen: 10.683 ppbv
RT: 11.549 min Scan# 3541
Delta R.T. -0.003 min
Lab File: VL042095.D
Acq: 05 Mar 2025 08:30



Tgt Ion:105 Resp: 613250
Ion Ratio Lower Upper
105 100
120 48.9 40.2 60.2
91 64.2 51.4 77.2
77 24.6 20.1 30.1





#75

1,3-Dichlorobenzene

Concen: 10.814 ppbv

RT: 11.620 min Scan# 3564

Delta R.T. -0.003 min

Lab File: VL042095.D

Acq: 05 Mar 2025 08:30

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:146 Resp: 357254

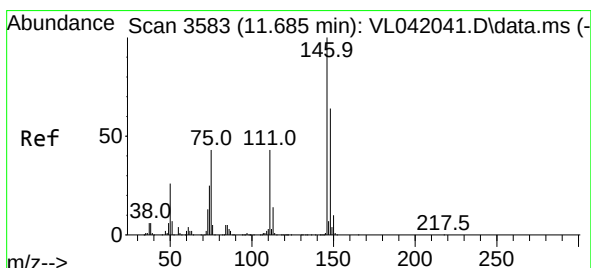
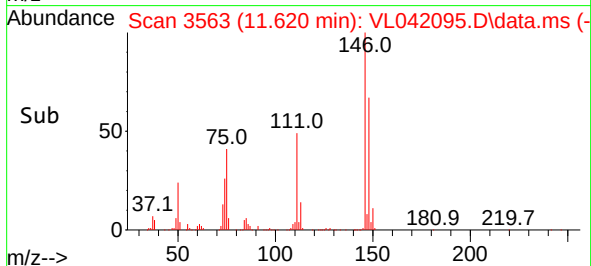
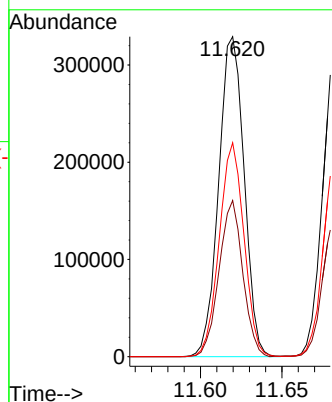
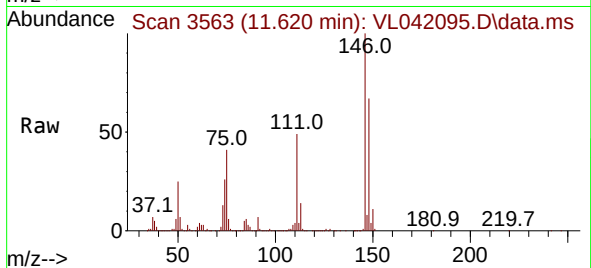
Ion	Ratio	Lower	Upper
146	100		
111	45.6	22.4	67.2
148	64.9	32.3	96.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/06/2025

Supervised By :Mahesh Dadoda 03/06/2025



#76

1,4-Dichlorobenzene

Concen: 10.991 ppbv

RT: 11.684 min Scan# 3583

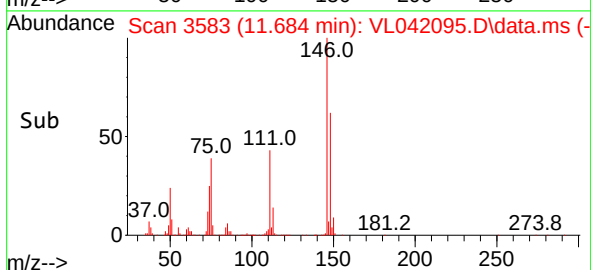
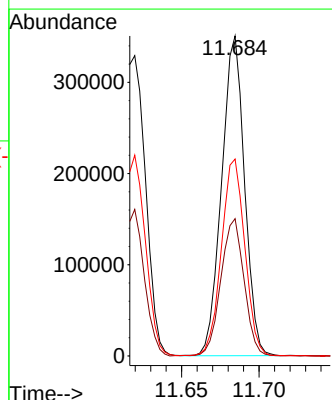
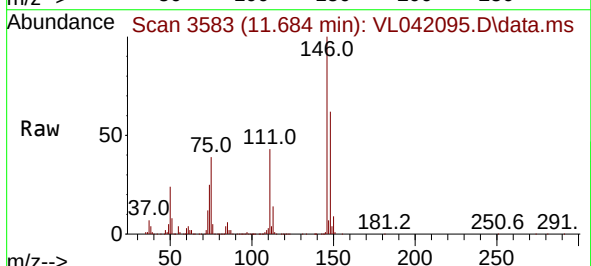
Delta R.T. -0.000 min

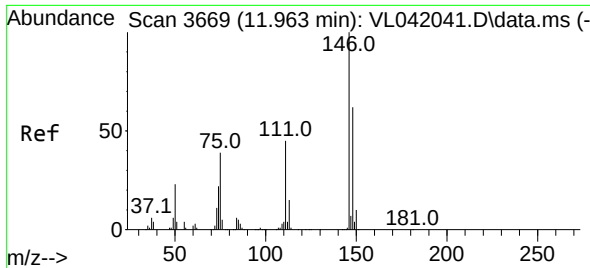
Lab File: VL042095.D

Acq: 05 Mar 2025 08:30

Tgt Ion:146 Resp: 360532

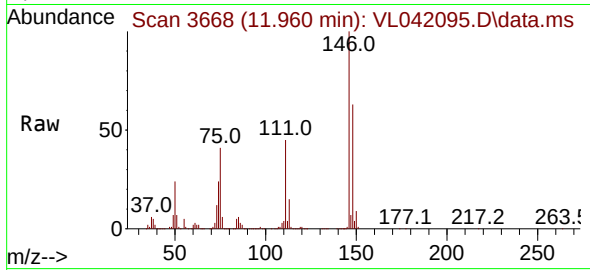
Ion	Ratio	Lower	Upper
146	100		
111	43.6	21.5	64.5
148	63.3	31.6	95.0





#77
1,2-Dichlorobenzene
Concen: 11.182 ppbv
RT: 11.960 min Scan# 3668
Delta R.T. -0.003 min
Lab File: VL042095.D
Acq: 05 Mar 2025 08:30

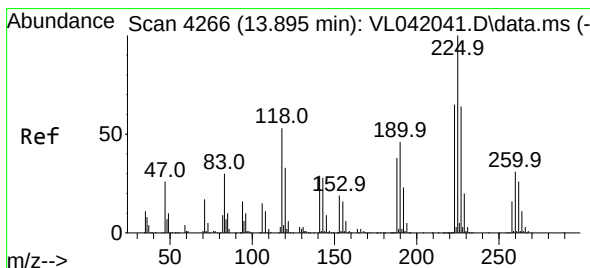
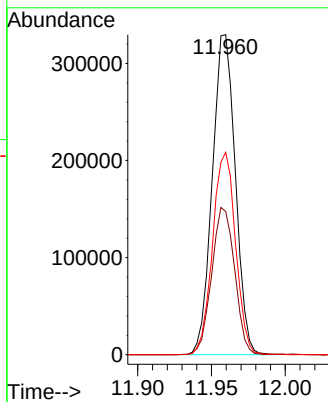
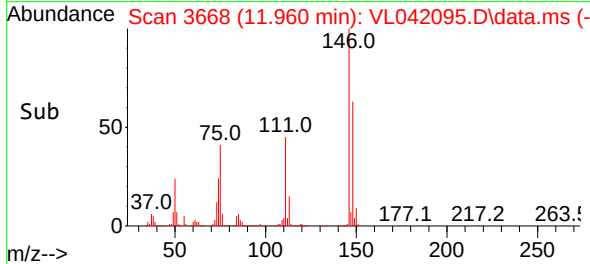
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



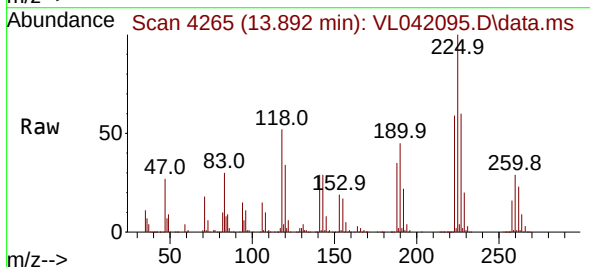
Tgt Ion:146 Resp: 358512
Ion Ratio Lower Upper
146 100
111 45.9 23.2 69.6
148 63.0 31.4 94.2

Manual Integrations
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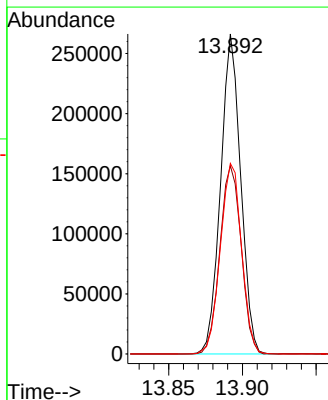
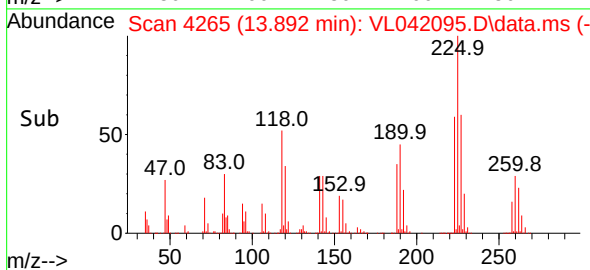
Reviewed By :Semsettin Yesilyurt 03/06/2025
Supervised By :Mahesh Dadoda 03/06/2025

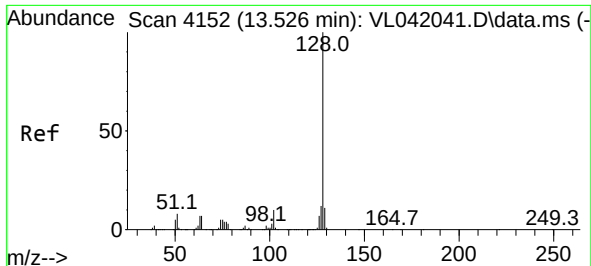


#78
Hexachloro-1,3-Butadiene
Concen: 10.118 ppbv
RT: 13.892 min Scan# 4265
Delta R.T. -0.003 min
Lab File: VL042095.D
Acq: 05 Mar 2025 08:30



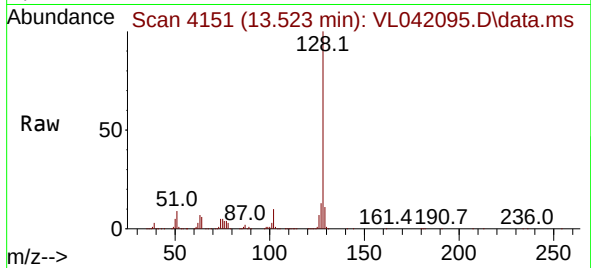
Tgt Ion:225 Resp: 252408
Ion Ratio Lower Upper
225 100
223 62.4 50.2 75.2
227 63.0 50.8 76.2





#79
Naphthalene
Concen: 14.043 ppbv
RT: 13.523 min Scan# 4152
Delta R.T. -0.003 min
Lab File: VL042095.D
Acq: 05 Mar 2025 08:30

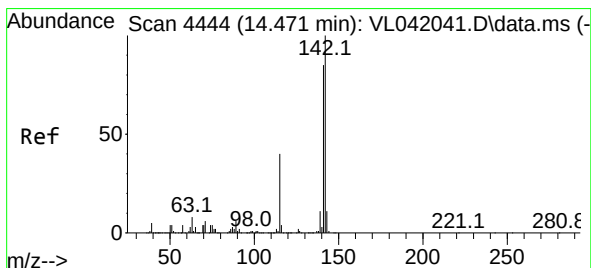
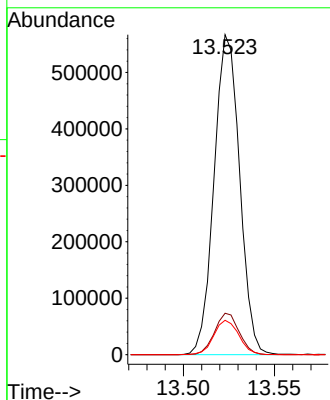
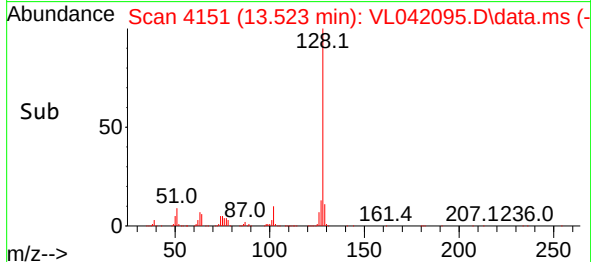
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



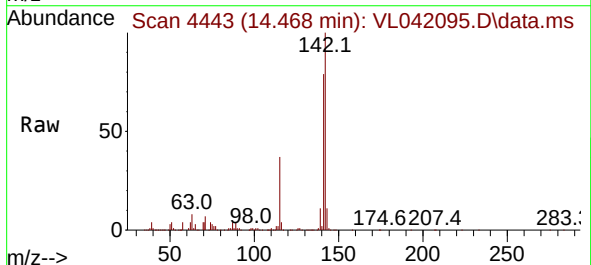
Tgt Ion:128 Resp: 552752
Ion Ratio Lower Upper
128 100
127 13.0 9.8 14.6
129 10.7 8.6 12.8

Manual Integrations
APPROVED

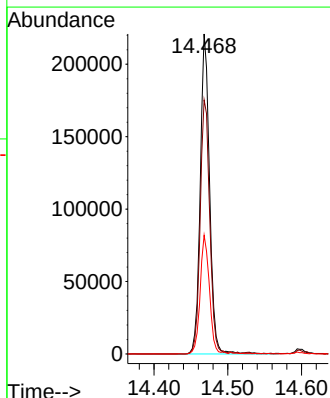
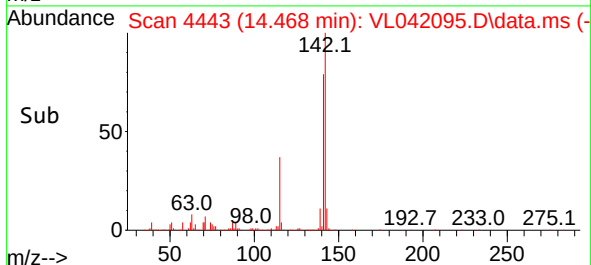
Reviewed By :Semsettin Yesilyurt 03/06/2025
Supervised By :Mahesh Dadoda 03/06/2025

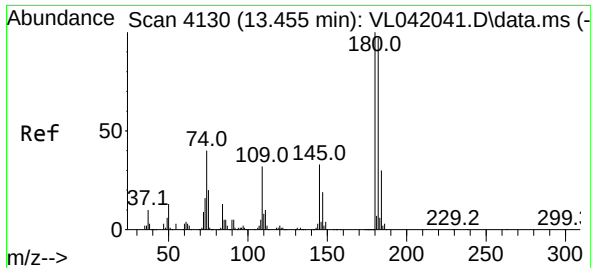


#80
Naphthalene, 2-methyl-
Concen: 18.124 ppbv
RT: 14.468 min Scan# 4443
Delta R.T. -0.003 min
Lab File: VL042095.D
Acq: 05 Mar 2025 08:30



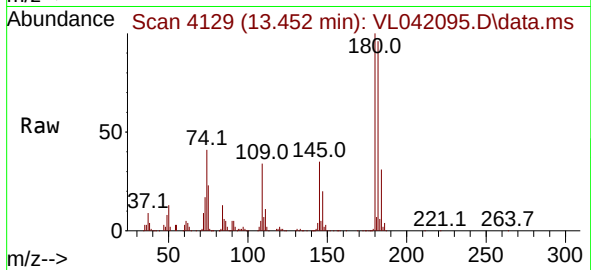
Tgt Ion:142 Resp: 195224
Ion Ratio Lower Upper
142 100
141 82.0 65.8 98.6
115 37.4 29.5 44.3





#81
 1,2,4-Trichlorobenzene
 Concen: 11.342 ppbv
 RT: 13.452 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VL042095.D
 Acq: 05 Mar 2025 08:30

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion:180 Resp: 248785
 Ion Ratio Lower Upper
 180 100
 182 94.7 75.1 112.7
 184 30.7 23.8 35.6

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/06/2025
 Supervised By :Mahesh Dadoda 03/06/2025

