

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL010725\
 Data File : VL041855.D
 Acq On : 07 Jan 2025 21:30
 Operator : SY/MD
 Sample : VL0107ABS02
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0107ABS02

Quant Time: Jan 08 03:59:16 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL010725AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Wed Jan 08 03:26:12 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 01/09/2025
 Supervised By : Mahesh Dadoda 01/09/2025

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

Internal Standards						
1) Bromochloromethane	2.797	49	107106	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.975	114	243780	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.898	117	206717	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	10.390	95	181716	10.264	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.600%

Target Compounds	Qvalue					
2) Dichlorodifluoromethane	1.502	85	175443	9.983	ppbv	100
3) Chlorodifluoromethane	1.479	51	170535	10.156	ppbv	100
4) Chloromethane	1.538	50	74022	10.243	ppbv	98
5) Vinyl Chloride	1.583	62	67444	9.253	ppbv	99
6) Bromomethane	1.674	94	29563	9.469	ppbv	91
7) Chloroethane	1.709	64	28013	9.984	ppbv	99
8) Dichlorotetrafluoroethane	1.557	85	152410	10.052	ppbv	100
9) Propene	1.486	41	64043	10.955	ppbv	99
10) Heptane	5.001	43	180674	12.511	ppbv	99
11) Trichlorofluoromethane	1.884	101	175329	9.811	ppbv	98
12) 1,1,2-Trichlorotrifluo...	2.146	101	133598	10.038	ppbv	99
13) Ethanol	1.725	45	4030	5.248	ppbv	85
14) Bromoethene	1.787	108	45909	10.537	ppbv	97
15) Acetone	1.842	43	167871	8.513	ppbv	97
16) 1,3-Butadiene	1.612	39	79283	10.253	ppbv	100
17) tert-Butyl alcohol	2.046	59	176102	10.307	ppbv	99
18) 1,1-Dichloroethene	2.039	96	57220	10.269	ppbv	96
19) Isopropyl Alcohol	1.890	45	86872	9.385	ppbv #	1
20) Methylene Chloride	2.068	84	50633	8.982	ppbv	93
21) Allyl Chloride	2.104	41	112062	11.032	ppbv	98
22) trans-1,2-Dichloroethene	2.350	96	62547	10.043	ppbv	96
23) Vinyl Acetate	2.470	43	67272	10.969	ppbv	96
24) 1,1-Dichloroethane	2.418	63	136957	10.048	ppbv	99
25) Ethyl Acetate	2.845	43	374548	11.327	ppbv	99
26) Hexane	2.839	57	138581	12.075	ppbv	98
27) Carbon Disulfide	2.159	76	133209	12.230	ppbv	97
28) Methyl tert-Butyl Ether	2.447	73	85892	9.930	ppbv	99
29) Chloroform	2.858	83	211442	9.917	ppbv	99
30) Cyclohexane	3.875	84	107422	12.343	ppbv	100
31) cis-1,2-Dichloroethene	2.732	61	131506	11.132	ppbv	97
32) 1,1,1-Trichloroethane	3.383	97	194205	10.051	ppbv	99
34) 2-Butanone	2.567	43	215107	11.202	ppbv	98
35) Carbon Tetrachloride	3.777	117	200923	10.905	ppbv	97
36) Benzene	3.671	78	263818	11.328	ppbv	96
37) 1,2-Dichloroethane	3.230	62	164076	10.717	ppbv	100
38) Trichloroethene	4.567	130	98835	11.036	ppbv	97
39) 1,2-Dichloropropane	4.331	63	97273	10.798	ppbv	96
40) 1,4-Dioxane	4.603	88	42263	12.121	ppbv #	99
41) Tetrahydrofuran	3.065	42	115504	12.768	ppbv	99
42) Bromodichloromethane	4.509	83	207472	11.555	ppbv	99
43) Methyl Methacrylate	4.901	69	94976	12.987	ppbv	100
44) 2,2,4-Trimethylpentane	4.658	57	473286	12.335	ppbv	100
45) t-1,3-Dichloropropene	6.441	75	85389	11.960	ppbv	95

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Instrument :
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 ClientSampleId :
 VL0107ABS02

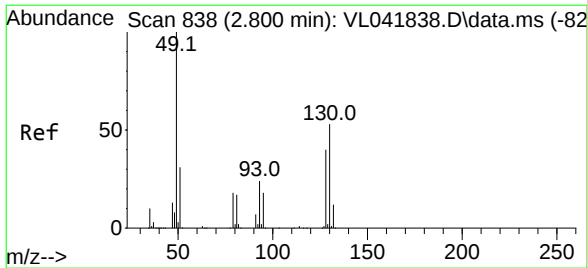
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL010725AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2
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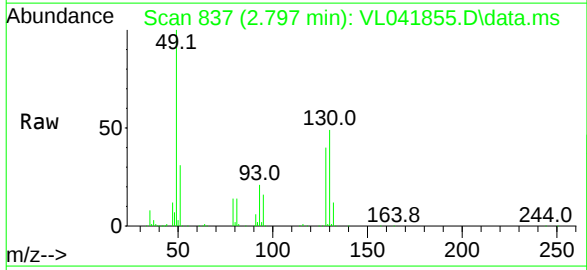
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.622	75	113483	12.071	ppbv	99
47) 1,1,2-Trichloroethane	6.603	97	101788	10.696	ppbv	96
48) Dibromochloromethane	7.406	129	146766	12.101	ppbv	99
49) Bromoform	9.497	173	122385	12.591	ppbv	99
50) 4-Methyl-2-Pentanone	5.778	43	294840	13.276	ppbv	99
51) 2-Hexanone	7.454	43	231768	13.791	ppbv	98
52) Tetrachloroethene	8.241	164	80623	11.675	ppbv	96
53) Toluene	6.956	91	269294	12.992	ppbv	99
54) 1,2-Dibromoethane	7.671	107	132314	11.340	ppbv	96
56) 1,1,1,2-Tetrachloroethane	8.940	131	128117	10.874	ppbv	99
57) Chlorobenzene	8.937	112	227702	10.543	ppbv	98
58) Ethyl Benzene	9.370	91	387745	13.763	ppbv	100
59) m/p-Xylene	9.565	91	666741m	26.861	ppbv	
60) o-Xylene	9.979	91	332864	13.760	ppbv	100
61) Styrene	9.885	104	135001	14.385	ppbv	99
62) Isopropylbenzene	10.552	105	493367	12.982	ppbv	100
63) 1,1,2,2-Tetrachloroethane	9.976	83	221419	10.438	ppbv	99
64) n-propylbenzene	11.002	120	125412	12.863	ppbv	96
65) tert-Butylbenzene	11.542	119	446167	13.028	ppbv	100
66) Benzyl Chloride	11.630	91	31125	10.849	ppbv	98
67) sec-Butylbenzene	11.778	105	636199	12.731	ppbv	99
69) p-Isopropyltoluene	11.937	119	517542	13.191	ppbv	99
70) n-Butylbenzene	12.293	91	508944	12.912	ppbv	99
71) 2-Chlorotoluene	10.914	91	361026	13.087	ppbv	100
72) 4-Ethyltoluene	11.138	105	395463	13.518	ppbv	99
73) 1,3,5-Trimethylbenzene	11.215	105	340147	13.276	ppbv	96
74) 1,2,4-Trimethylbenzene	11.549	105	378800	12.763	ppbv #	85
75) 1,3-Dichlorobenzene	11.620	146	216345	10.891	ppbv	99
76) 1,4-Dichlorobenzene	11.685	146	213108	11.149	ppbv	99
77) 1,2-Dichlorobenzene	11.960	146	211771	10.231	ppbv	100
78) Hexachloro-1,3-Butadiene	13.892	225	132080	8.988	ppbv	99
79) Naphthalene	13.526	128	285850	13.075	ppbv	99
80) Naphthalene,2-methyl-	14.471	142	77638	9.594	ppbv	99
81) 1,2,4-Trichlorobenzene	13.452	180	128757	10.626	ppbv	100

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.797 min Scan# 838
Delta R.T. -0.003 min
Lab File: VL041855.D
Acq: 07 Jan 2025 21:30

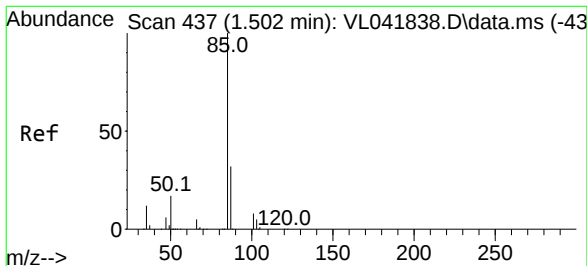
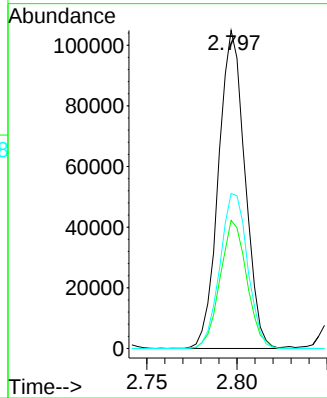
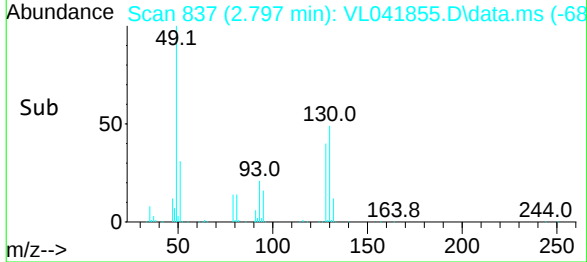
Instrument :
MSVOA_L
ClientSampleId :
VL0107ABS02



Tgt Ion: 49 Resp: 107106
Ion Ratio Lower Upper
49 100
128 40.6 19.7 59.1
130 50.6 26.4 79.2

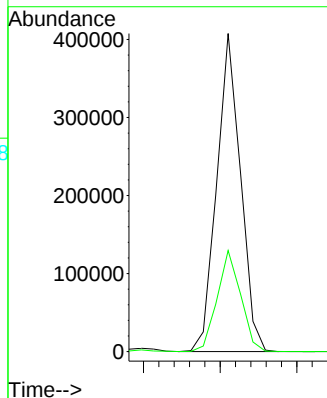
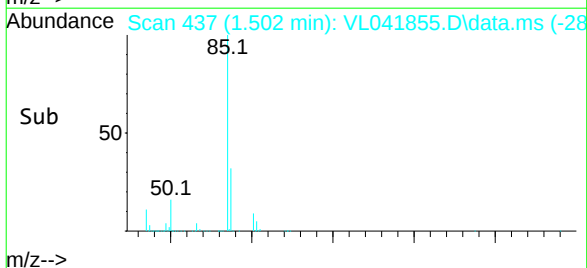
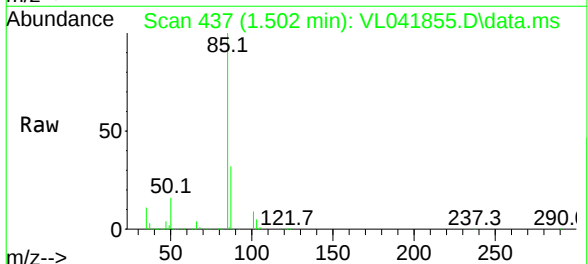
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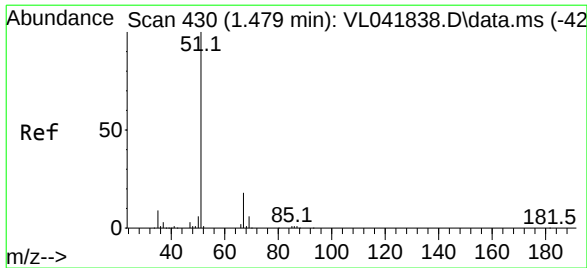
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#2
Dichlorodifluoromethane
Concen: 9.983 ppbv
RT: 1.502 min Scan# 437
Delta R.T. 0.000 min
Lab File: VL041855.D
Acq: 07 Jan 2025 21:30

Tgt Ion: 85 Resp: 175443
Ion Ratio Lower Upper
85 100
87 31.8 25.6 38.4





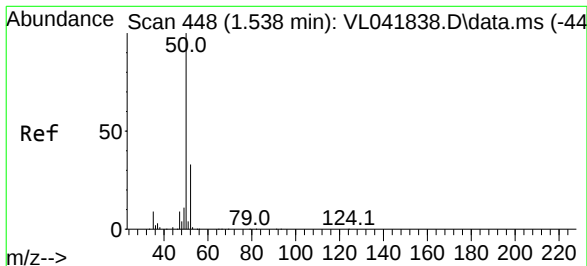
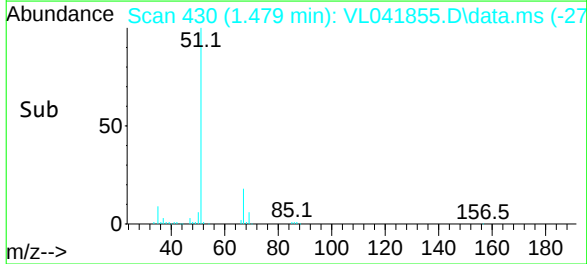
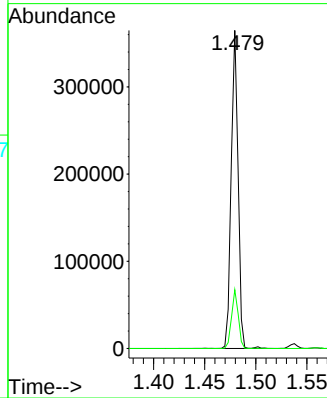
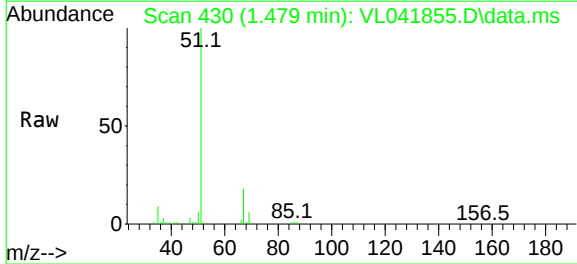
#3
Chlorodifluoromethane
Concen: 10.156 ppbv
RT: 1.479 min Scan# 430
Delta R.T. 0.000 min
Lab File: VL041855.D
Acq: 07 Jan 2025 21:30

Instrument :
MSVOA_L
ClientSampleId :
VL0107ABS02

Tgt Ion: 51 Resp: 170535
Ion Ratio Lower Upper
51 100
67 18.2 14.6 22.0

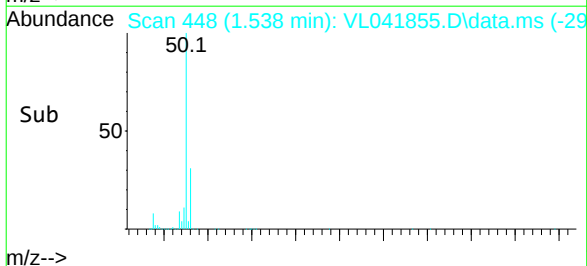
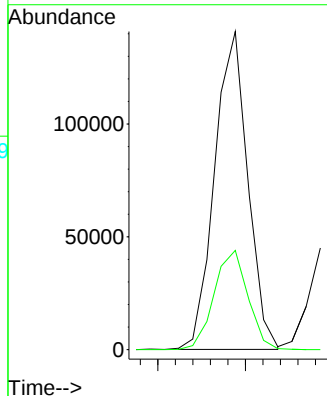
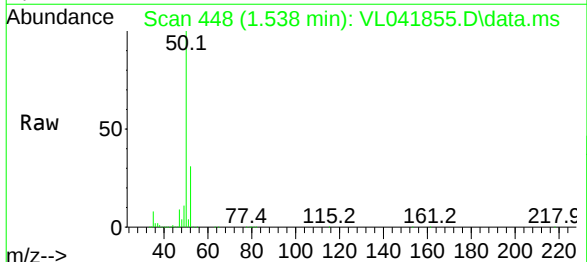
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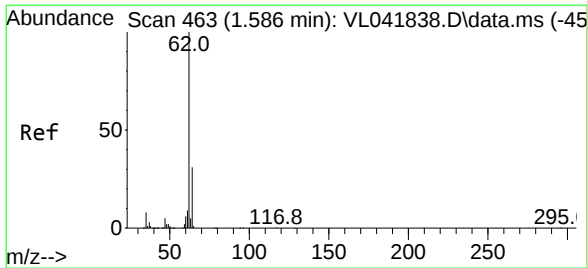
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#4
Chloromethane
Concen: 10.243 ppbv
RT: 1.538 min Scan# 448
Delta R.T. 0.000 min
Lab File: VL041855.D
Acq: 07 Jan 2025 21:30

Tgt Ion: 50 Resp: 74022
Ion Ratio Lower Upper
50 100
52 31.2 26.1 39.1





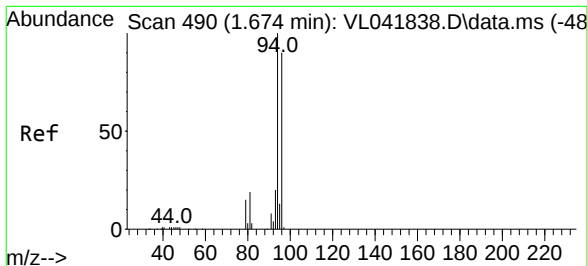
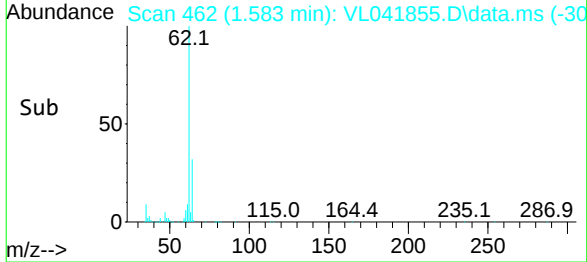
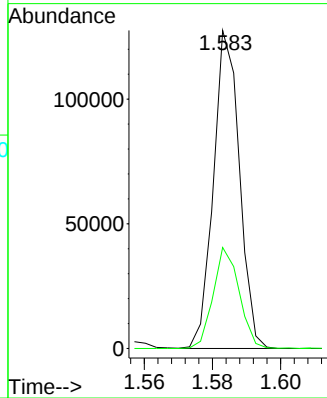
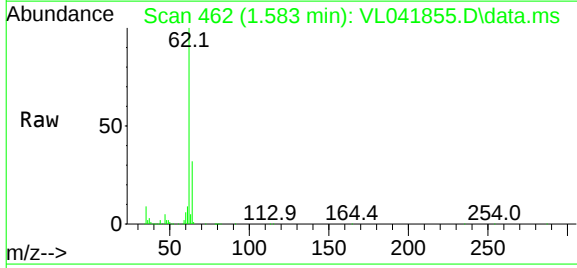
#5
 Vinyl Chloride
 Concen: 9.253 ppbv
 RT: 1.583 min Scan# 46
 Delta R.T. -0.003 min
 Lab File: VL041855.D
 Acq: 07 Jan 2025 21:30

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0107ABS02

Tgt Ion: 62 Resp: 67444
 Ion Ratio Lower Upper
 62 100
 64 31.8 24.9 37.3

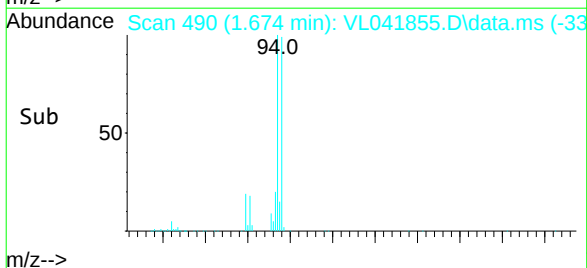
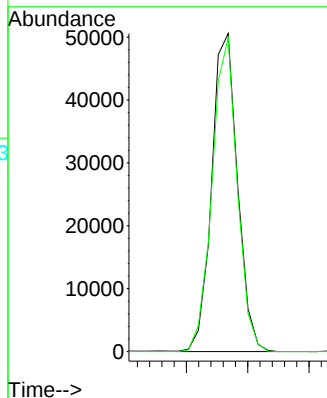
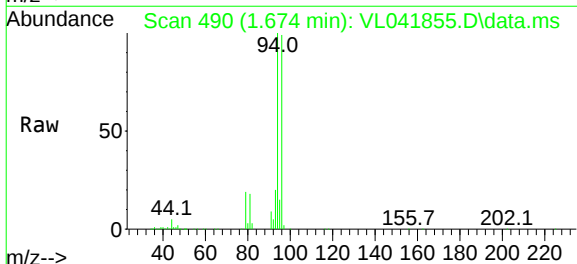
Manual Integrations
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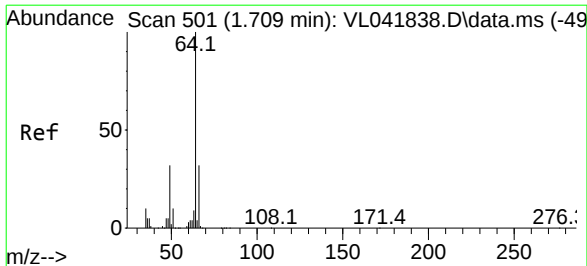
Reviewed By :Semsettin Yesilyurt 01/09/2025
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#6
 Bromomethane
 Concen: 9.469 ppbv
 RT: 1.674 min Scan# 490
 Delta R.T. 0.000 min
 Lab File: VL041855.D
 Acq: 07 Jan 2025 21:30

Tgt Ion: 94 Resp: 29563
 Ion Ratio Lower Upper
 94 100
 96 98.5 72.0 108.0





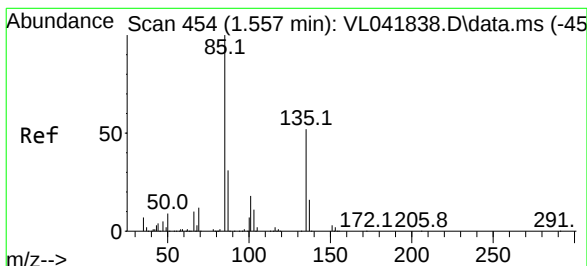
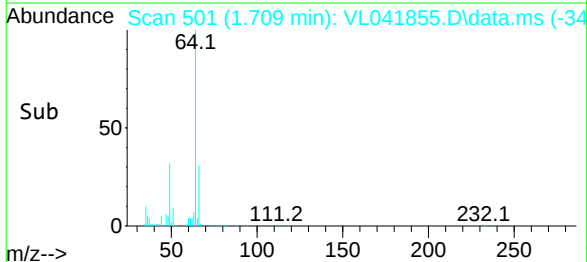
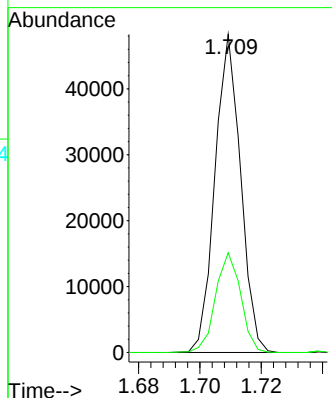
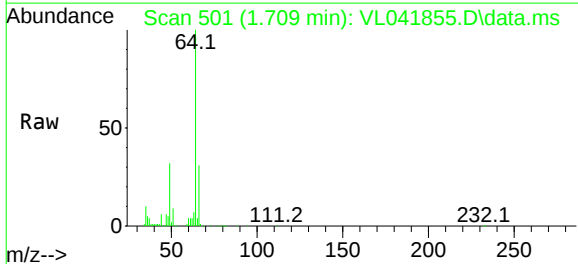
#7
Chloroethane
Concen: 9.984 ppbv
RT: 1.709 min Scan# 501
Delta R.T. 0.000 min
Lab File: VL041855.D
Acq: 07 Jan 2025 21:30

Instrument :
MSVOA_L
ClientSampleId :
VL0107ABS02

Tgt Ion: 64 Resp: 28013
Ion Ratio Lower Upper
64 100
66 31.4 25.6 38.4

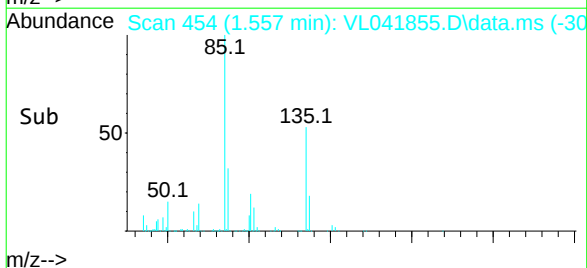
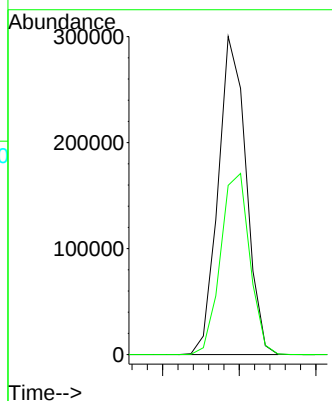
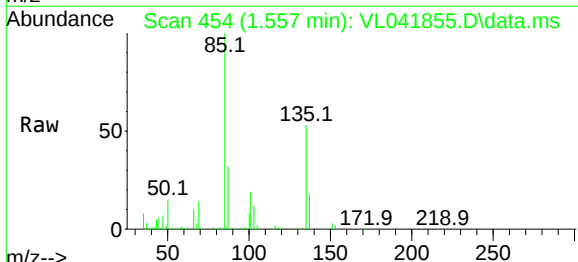
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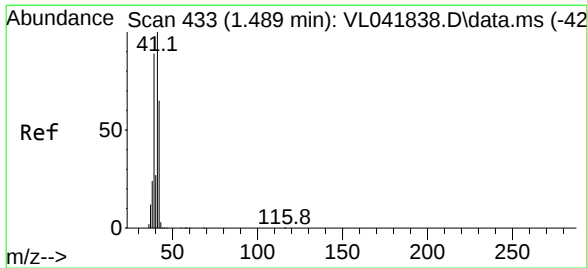
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#8
Dichlorotetrafluoroethane
Concen: 10.052 ppbv
RT: 1.557 min Scan# 454
Delta R.T. 0.000 min
Lab File: VL041855.D
Acq: 07 Jan 2025 21:30

Tgt Ion: 85 Resp: 152410
Ion Ratio Lower Upper
85 100
135 59.7 47.9 71.9





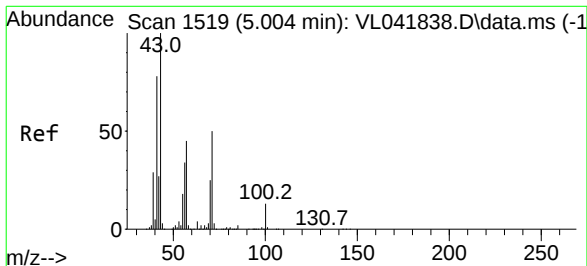
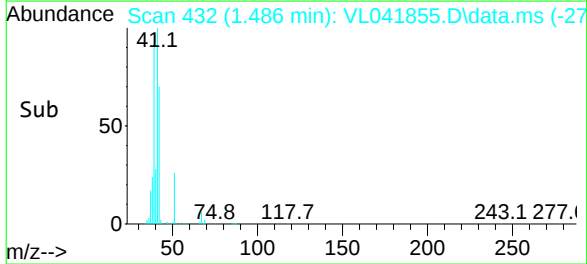
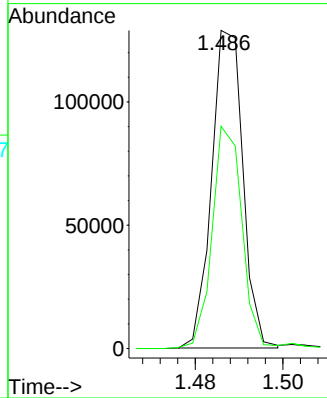
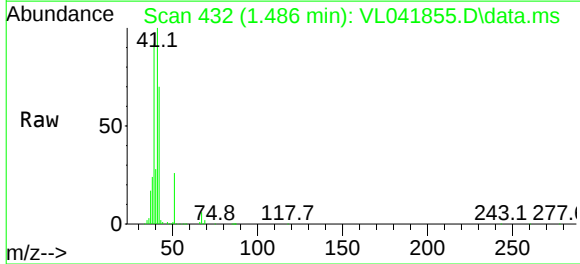
#9
Propene
Concen: 10.955 ppbv
RT: 1.486 min Scan# 43
Delta R.T. -0.003 min
Lab File: VL041855.D
Acq: 07 Jan 2025 21:30

Instrument :
MSVOA_L
ClientSampleId :
VL0107ABS02

Tgt Ion: 41 Resp: 64043
Ion Ratio Lower Upper
41 100
42 68.2 53.9 80.9

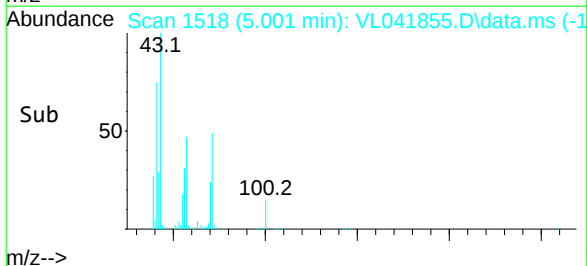
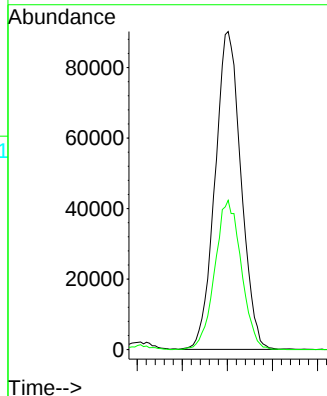
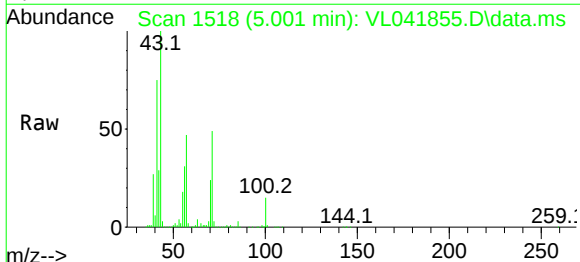
Manual Integrations
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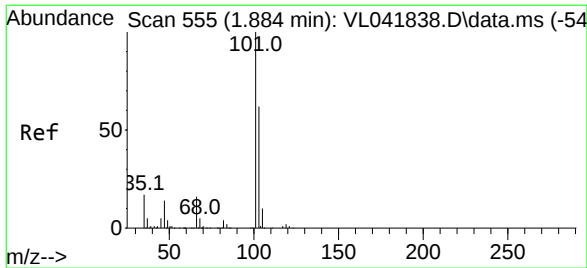
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#10
Heptane
Concen: 12.511 ppbv
RT: 5.001 min Scan# 1518
Delta R.T. -0.003 min
Lab File: VL041855.D
Acq: 07 Jan 2025 21:30

Tgt Ion: 43 Resp: 180674
Ion Ratio Lower Upper
43 100
57 47.7 37.8 56.6





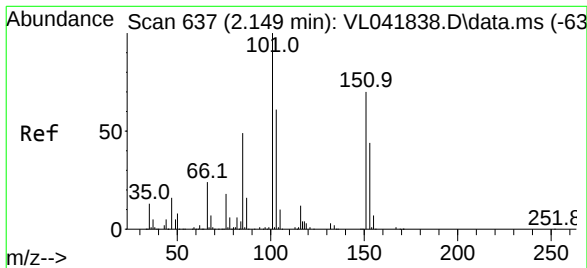
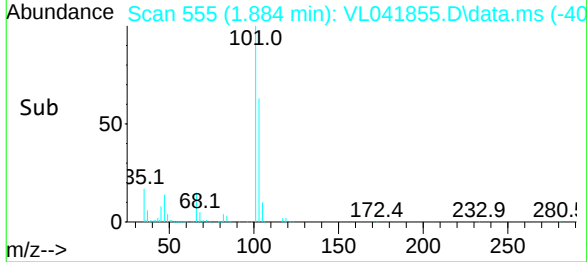
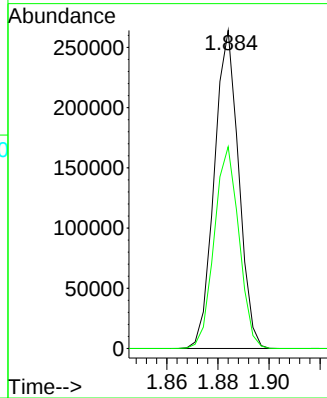
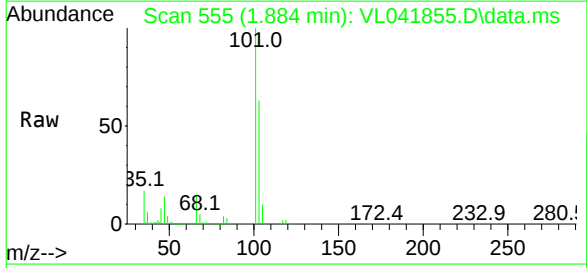
#11
 Trichlorofluoromethane
 Concen: 9.811 ppbv
 RT: 1.884 min Scan# 555
 Delta R.T. 0.000 min
 Lab File: VL041855.D
 Acq: 07 Jan 2025 21:30

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0107ABS02

Tgt Ion:101 Resp: 175329
 Ion Ratio Lower Upper
 101 100
 103 63.4 49.4 74.0

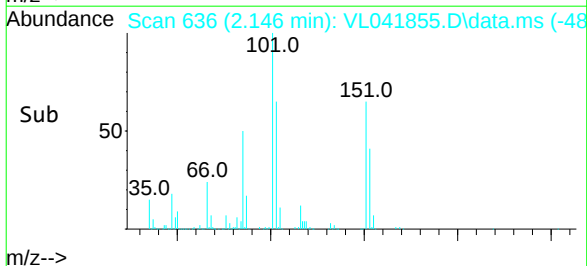
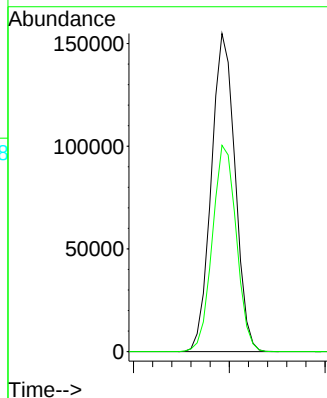
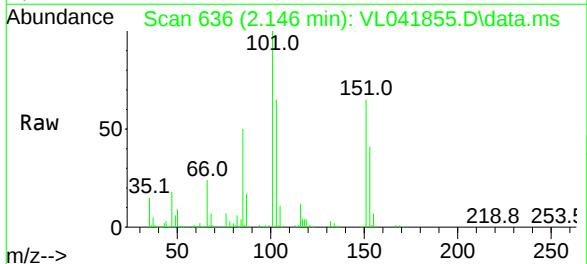
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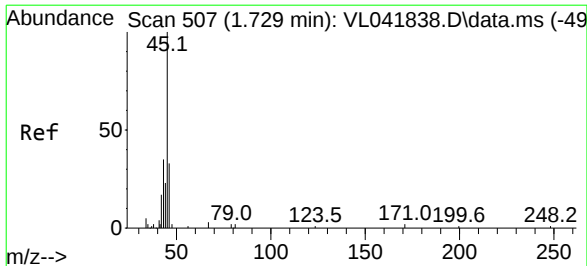
Reviewed By :Semsettin Yesilyurt 01/09/2025
 Supervised By :Mahesh Dadoda 01/09/2025



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 10.038 ppbv
 RT: 2.146 min Scan# 636
 Delta R.T. -0.003 min
 Lab File: VL041855.D
 Acq: 07 Jan 2025 21:30

Tgt Ion:101 Resp: 133598
 Ion Ratio Lower Upper
 101 100
 151 65.5 53.2 79.8





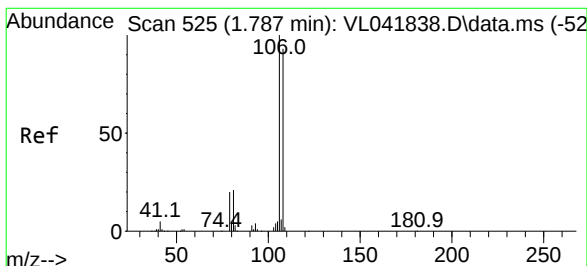
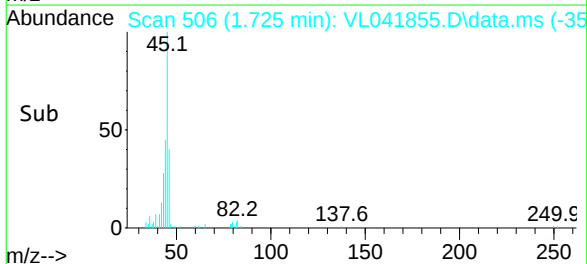
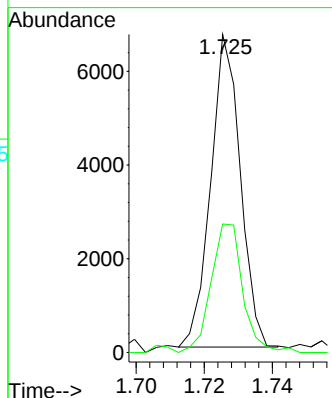
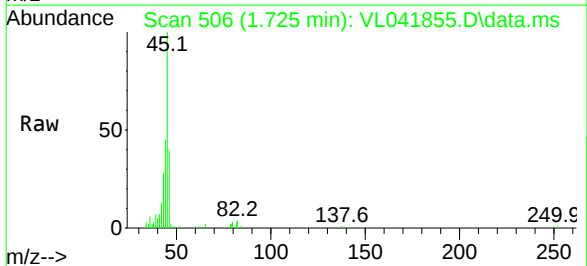
#13
Ethanol
Concen: 5.248 ppbv
RT: 1.725 min Scan# 507
Delta R.T. -0.003 min
Lab File: VL041855.D
Acq: 07 Jan 2025 21:30

Instrument :
MSVOA_L
ClientSampleId :
VL0107ABS02

Tgt Ion: 45 Resp: 4036
Ion Ratio Lower Upper
45 100
46 45.3 14.6 58.2

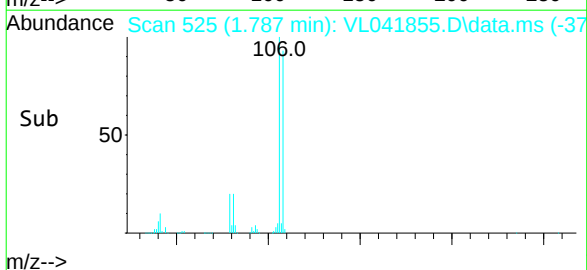
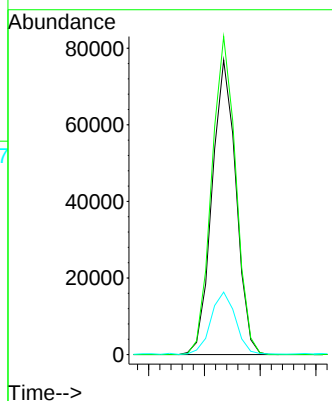
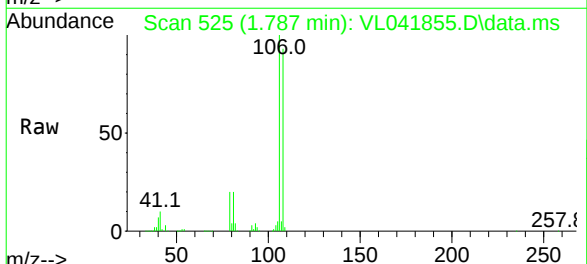
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APPROVED

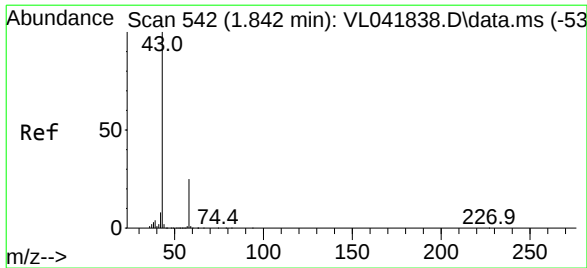
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#14
Bromoethene
Concen: 10.537 ppbv
RT: 1.787 min Scan# 525
Delta R.T. 0.000 min
Lab File: VL041855.D
Acq: 07 Jan 2025 21:30

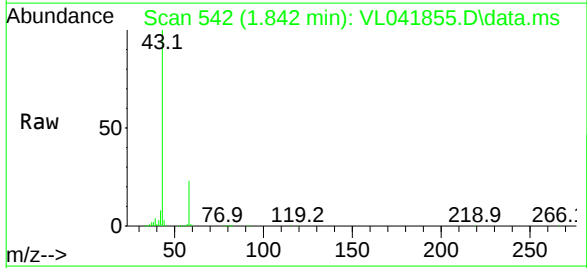
Tgt Ion:108 Resp: 45909
Ion Ratio Lower Upper
108 100
106 108.7 84.6 126.8
79 21.5 18.3 27.5





#15
Acetone
Concen: 8.513 ppbv
RT: 1.842 min Scan# 54
Delta R.T. 0.000 min
Lab File: VL041855.D
Acq: 07 Jan 2025 21:30

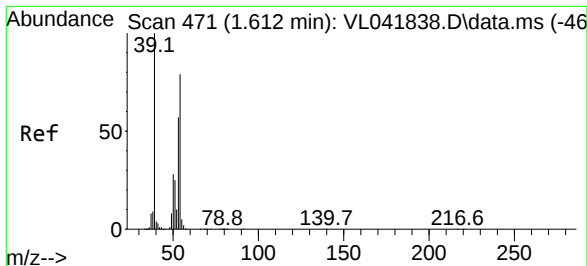
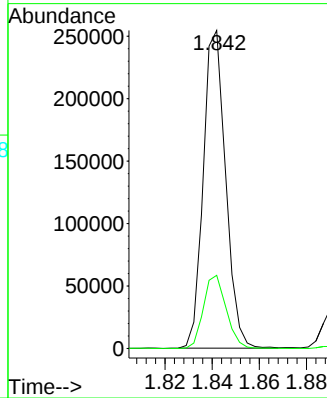
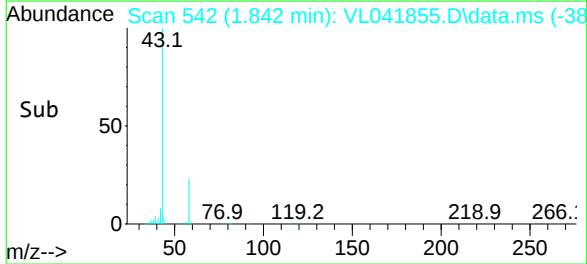
Instrument :
MSVOA_L
ClientSampleId :
VL0107ABS02



Tgt Ion: 43 Resp: 167871
Ion Ratio Lower Upper
43 100
58 23.6 20.2 30.4

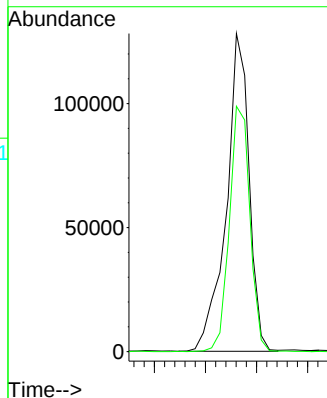
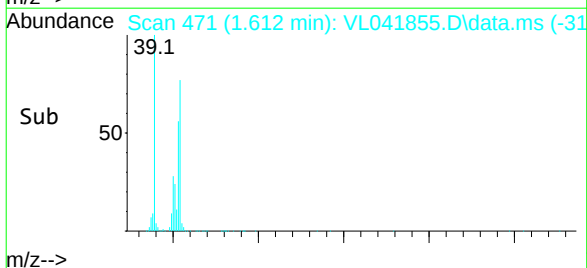
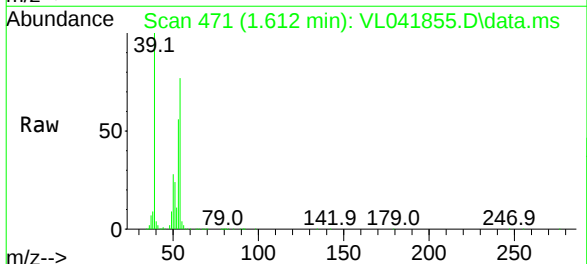
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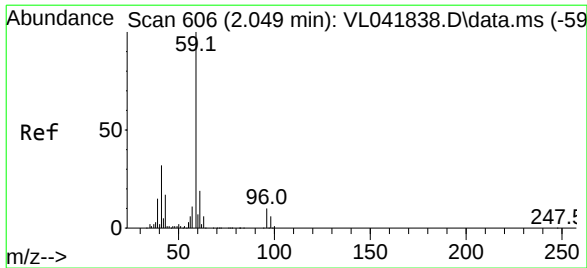
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#16
1,3-Butadiene
Concen: 10.253 ppbv
RT: 1.612 min Scan# 471
Delta R.T. 0.000 min
Lab File: VL041855.D
Acq: 07 Jan 2025 21:30

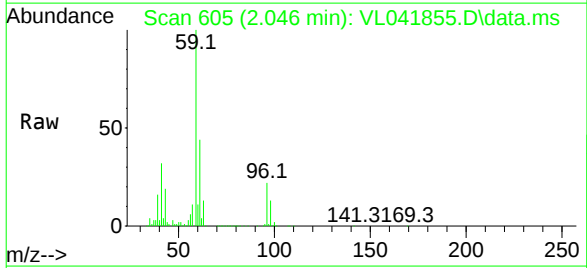
Tgt Ion: 39 Resp: 79283
Ion Ratio Lower Upper
39 100
54 70.0 56.2 84.4





#17
tert-Butyl alcohol
Concen: 10.307 ppbv
RT: 2.046 min Scan# 606
Delta R.T. -0.003 min
Lab File: VL041855.D
Acq: 07 Jan 2025 21:30

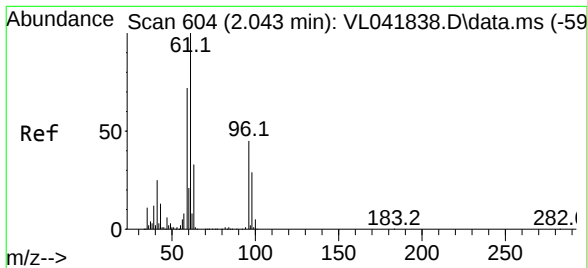
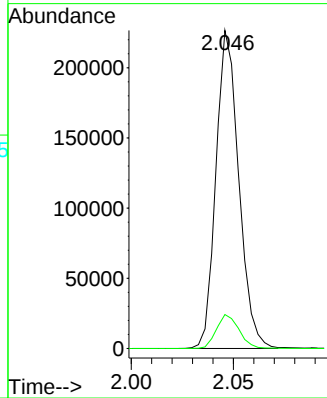
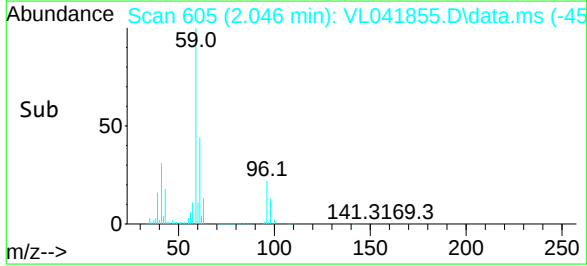
Instrument :
MSVOA_L
ClientSampleId :
VL0107ABS02



Tgt Ion: 59 Resp: 176102
Ion Ratio Lower Upper
59 100
57 10.6 8.6 13.0

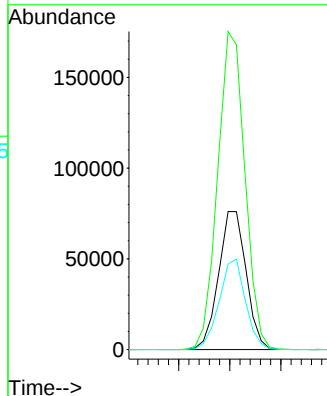
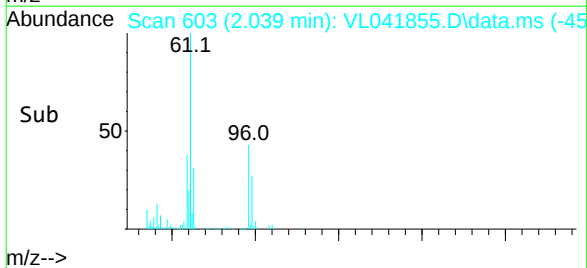
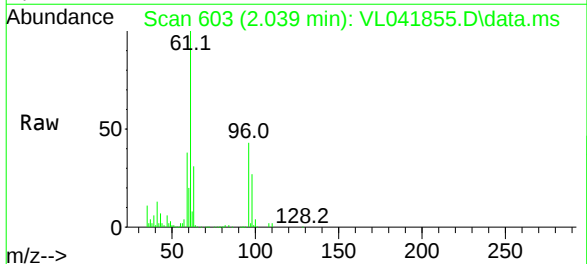
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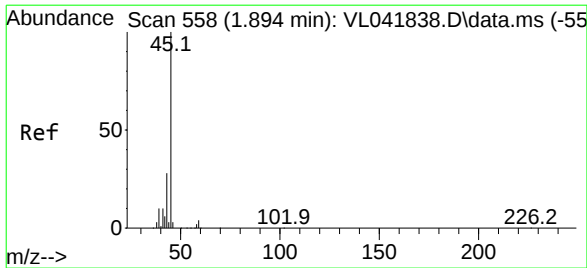
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#18
1,1-Dichloroethene
Concen: 10.269 ppbv
RT: 2.039 min Scan# 603
Delta R.T. -0.003 min
Lab File: VL041855.D
Acq: 07 Jan 2025 21:30

Tgt Ion: 96 Resp: 57220
Ion Ratio Lower Upper
96 100
61 230.3 179.2 268.8
98 62.0 51.6 77.4





#19

Isopropyl Alcohol

Concen: 9.385 ppbv

RT: 1.890 min Scan# 558

Delta R.T. -0.003 min

Lab File: VL041855.D

Acq: 07 Jan 2025 21:30

Instrument :

MSVOA_L

ClientSampleId :

VL0107ABS02

Tgt Ion: 45 Resp: 86872

Ion Ratio Lower Upper

45 100

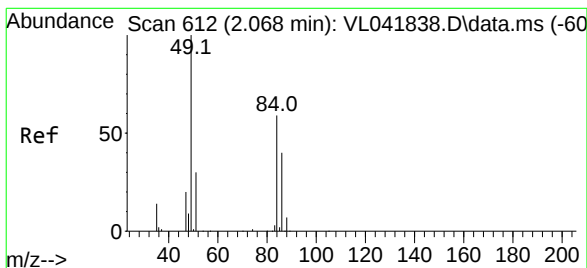
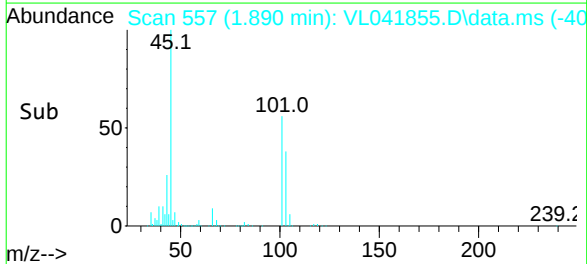
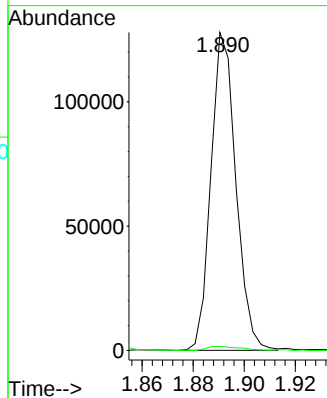
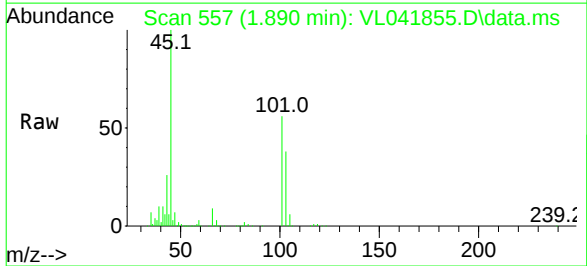
58 45.6 2.1 3.1#

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 01/09/2025

Supervised By :Mahesh Dadoda 01/09/2025



#20

Methylene Chloride

Concen: 8.982 ppbv

RT: 2.068 min Scan# 612

Delta R.T. 0.000 min

Lab File: VL041855.D

Acq: 07 Jan 2025 21:30

Tgt Ion: 84 Resp: 50633

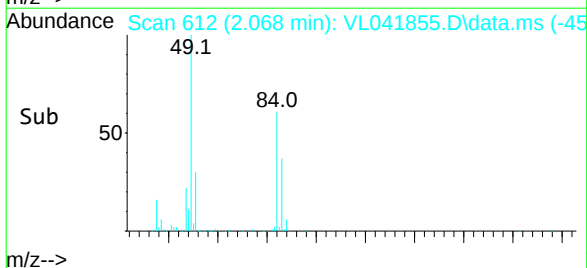
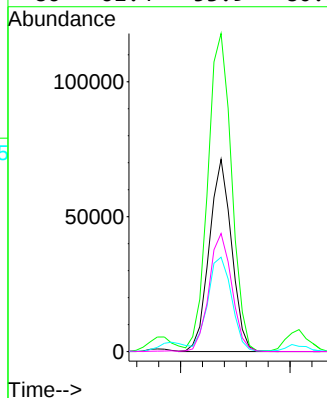
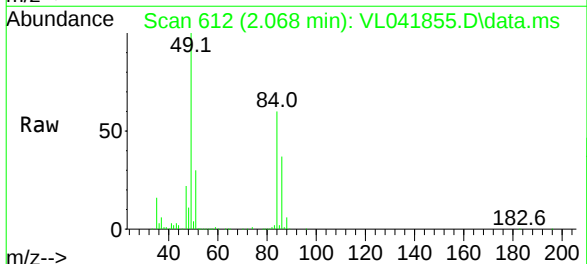
Ion Ratio Lower Upper

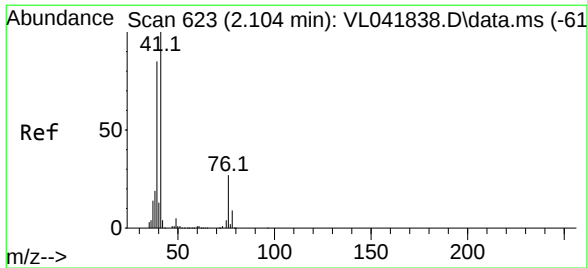
84 100

49 163.5 137.8 206.8

51 48.5 43.9 65.9

86 61.4 53.9 80.9





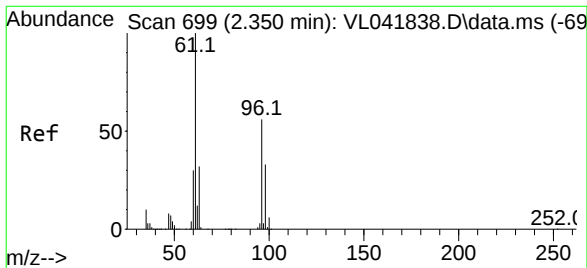
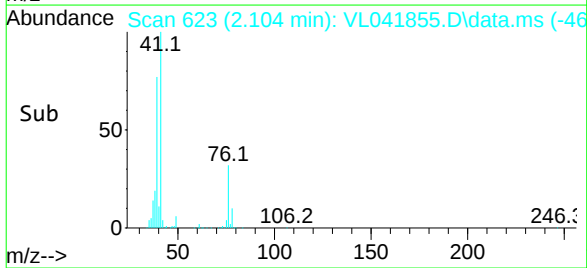
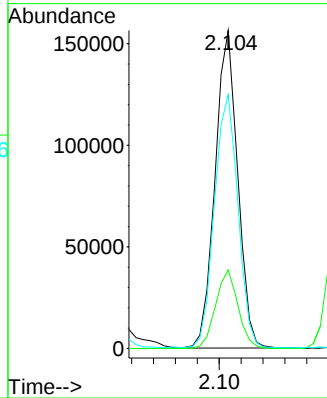
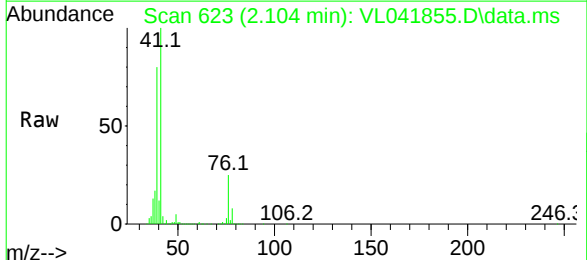
#21
 Allyl Chloride
 Concen: 11.032 ppbv
 RT: 2.104 min Scan# 623
 Delta R.T. 0.000 min
 Lab File: VL041855.D
 Acq: 07 Jan 2025 21:30

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0107ABS02

Tgt Ion: 41	Resp: 112062
Ion Ratio	Lower Upper
41 100	
76 24.4	20.6 31.0
39 82.7	67.0 100.6

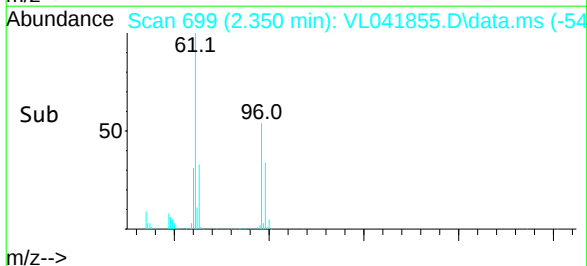
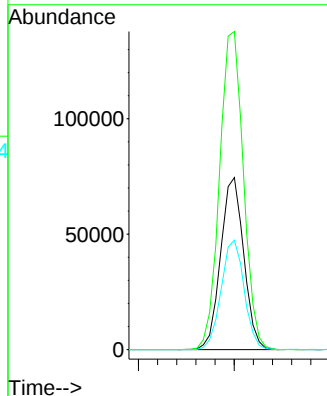
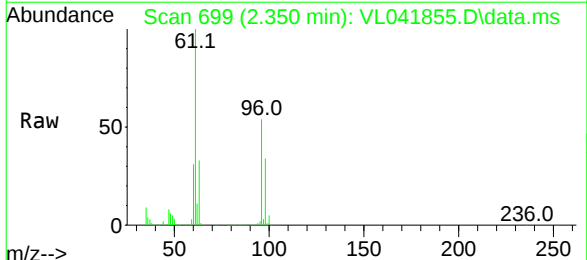
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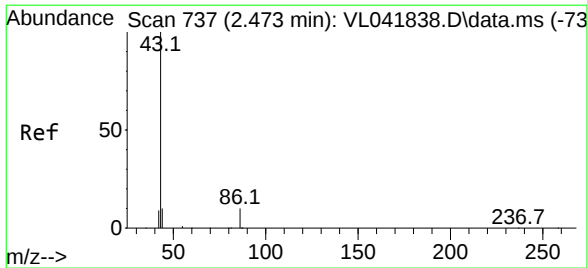
Reviewed By :Semsettin Yesilyurt 01/09/2025
 Supervised By :Mahesh Dadoda 01/09/2025



#22
 trans-1,2-Dichloroethene
 Concen: 10.043 ppbv
 RT: 2.350 min Scan# 699
 Delta R.T. 0.000 min
 Lab File: VL041855.D
 Acq: 07 Jan 2025 21:30

Tgt Ion: 96	Resp: 62547
Ion Ratio	Lower Upper
96 100	
61 184.9	144.0 216.0
98 63.7	46.9 70.3





#23
 Vinyl Acetate
 Concen: 10.969 ppbv
 RT: 2.470 min Scan# 73
 Delta R.T. -0.003 min
 Lab File: VL041855.D
 Acq: 07 Jan 2025 21:30

Instrument :

MSVOA_L

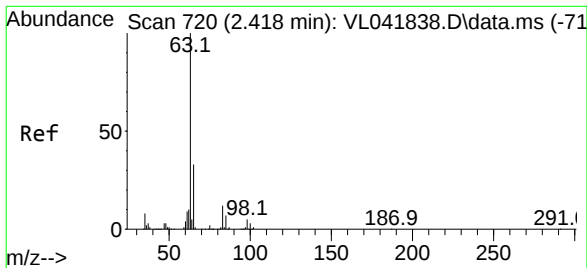
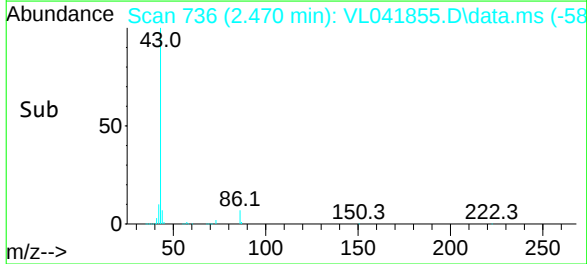
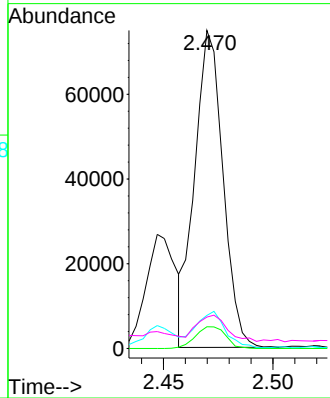
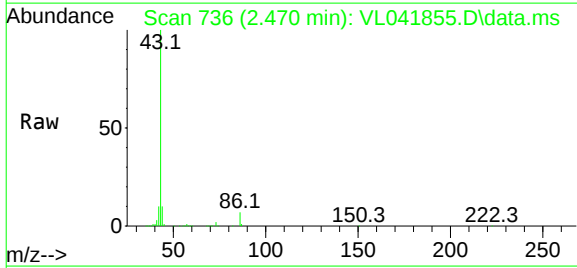
ClientSampleId :

VL0107ABS02

Tgt Ion:	43	Resp:	67272
Ion	Ratio	Lower	Upper
43	100		
86	6.8	6.4	9.6
42	10.0	9.5	14.3
44	6.9	6.7	10.1

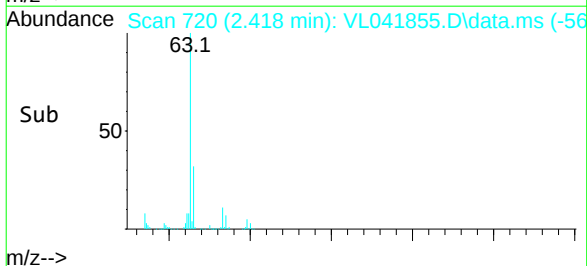
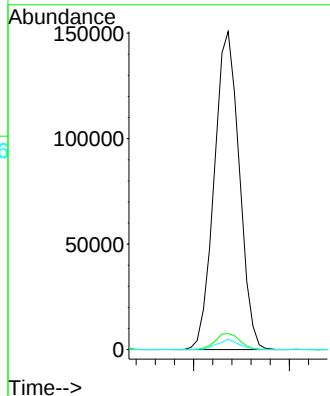
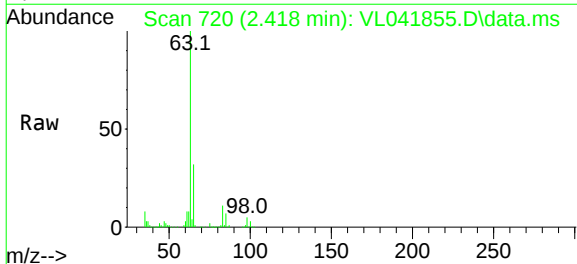
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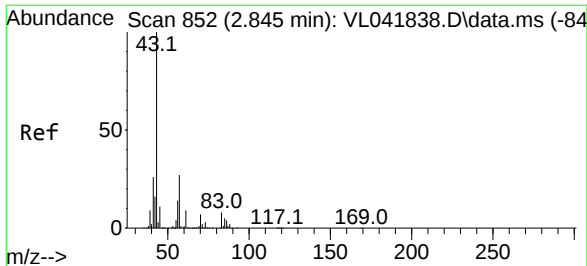
Reviewed By :Semsettin Yesilyurt 01/09/2025
 Supervised By :Mahesh Dadoda 01/09/2025



#24
 1,1-Dichloroethane
 Concen: 10.048 ppbv
 RT: 2.418 min Scan# 720
 Delta R.T. 0.000 min
 Lab File: VL041855.D
 Acq: 07 Jan 2025 21:30

Tgt Ion:	63	Resp:	136957
Ion	Ratio	Lower	Upper
63	100		
98	5.0	2.3	6.9
100	3.3	1.4	4.0





#25

Ethyl Acetate

Concen: 11.327 ppbv

RT: 2.845 min Scan# 85

Delta R.T. 0.000 min

Lab File: VL041855.D

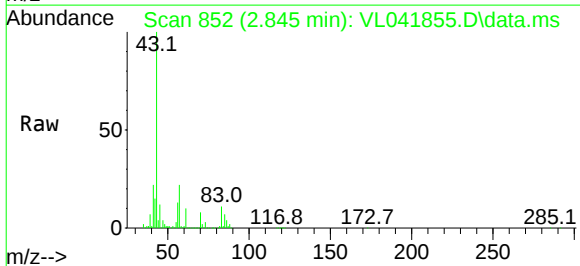
Acq: 07 Jan 2025 21:30

Instrument :

MSVOA_L

ClientSampleId :

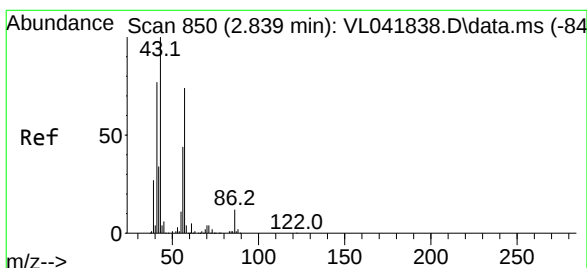
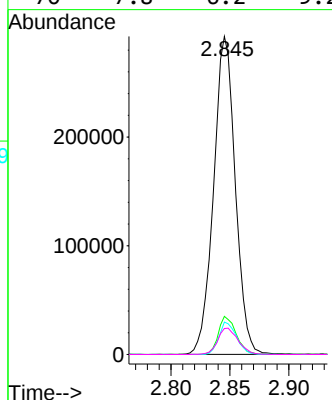
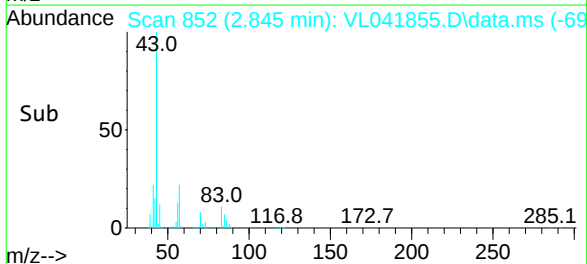
VL0107ABS02



Tgt Ion:	43	Ratio	100	Lower	Upper
43	100				
45	10.0		7.8	11.8	
61	8.3		7.0	10.6	
70	7.8		6.2	9.2	

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#26

Hexane

Concen: 12.075 ppbv

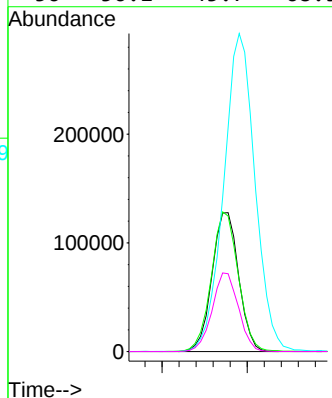
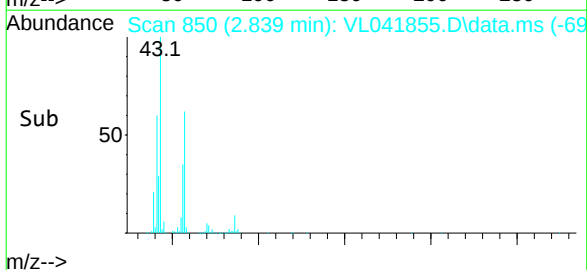
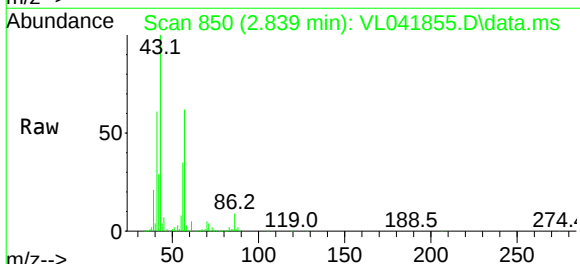
RT: 2.839 min Scan# 850

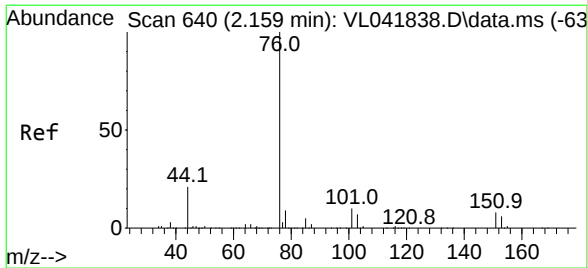
Delta R.T. 0.000 min

Lab File: VL041855.D

Acq: 07 Jan 2025 21:30

Tgt Ion:	57	Ratio	100	Lower	Upper
57	100				
41	102.1		84.0	126.0	
43	270.6		218.4	327.6	
56	56.1		45.7	68.5	





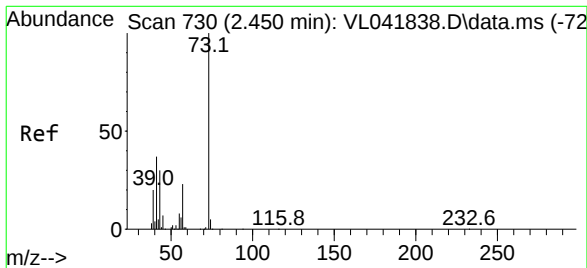
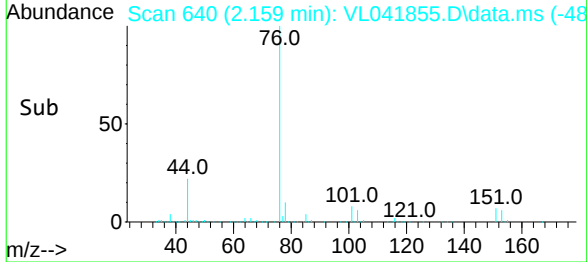
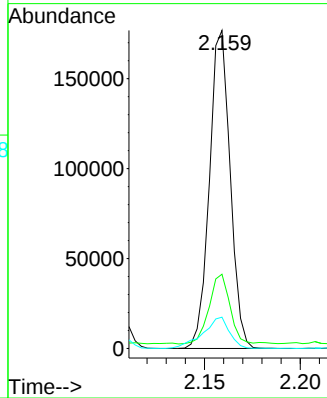
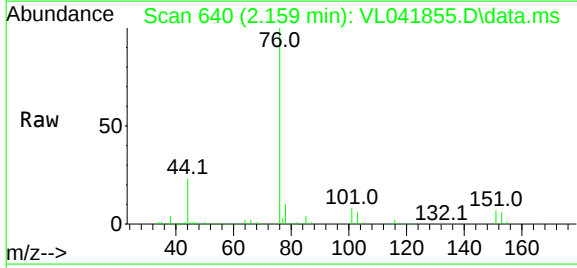
#27
Carbon Disulfide
Concen: 12.230 ppbv
RT: 2.159 min Scan# 640
Delta R.T. 0.000 min
Lab File: VL041855.D
Acq: 07 Jan 2025 21:30

Instrument :
MSVOA_L
ClientSampleId :
VL0107ABS02

Tgt Ion: 76 Resp: 133209
Ion Ratio Lower Upper
76 100
44 22.4 19.8 29.8
78 12.6 9.8 14.8

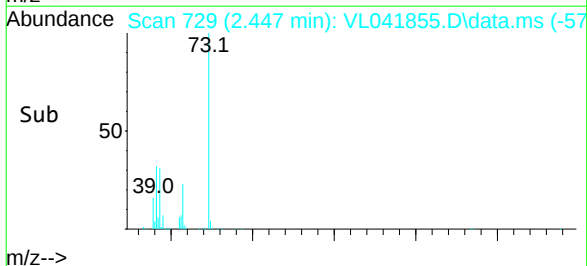
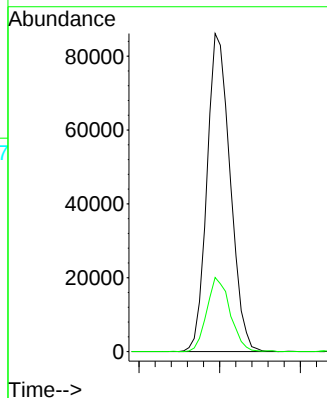
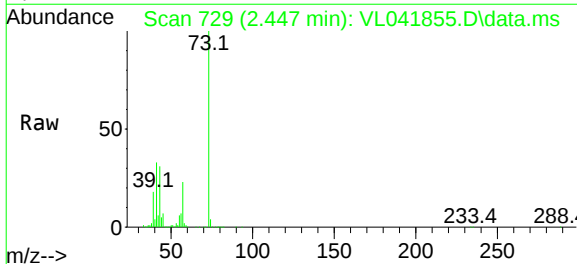
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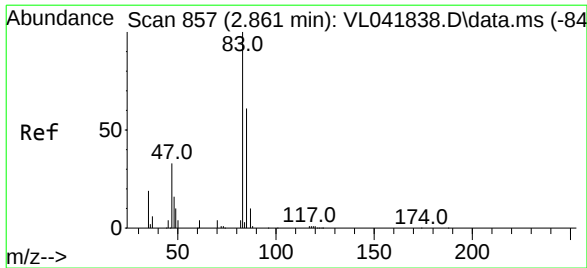
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#28
Methyl tert-Butyl Ether
Concen: 9.930 ppbv
RT: 2.447 min Scan# 729
Delta R.T. -0.003 min
Lab File: VL041855.D
Acq: 07 Jan 2025 21:30

Tgt Ion: 73 Resp: 85892
Ion Ratio Lower Upper
73 100
57 23.5 18.4 27.6





#29

Chloroform

Concen: 9.917 ppbv

RT: 2.858 min Scan# 85

Delta R.T. -0.003 min

Lab File: VL041855.D

Acq: 07 Jan 2025 21:30

Instrument :

MSVOA_L

ClientSampleId :

VL0107ABS02

Tgt Ion: 83 Resp: 211442

Ion Ratio Lower Upper

83 100

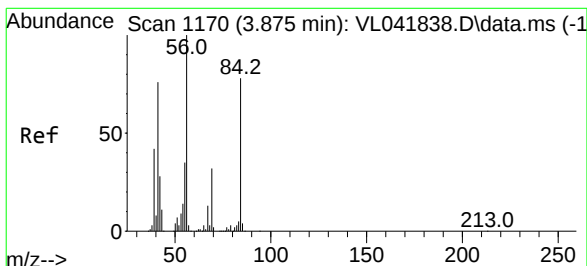
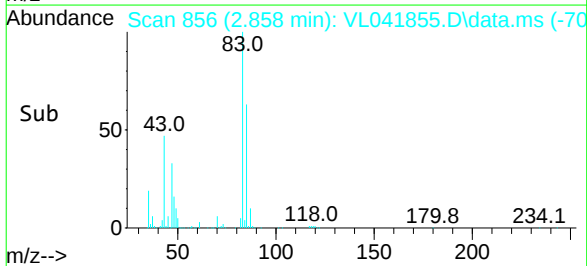
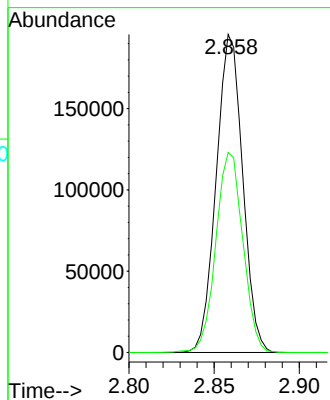
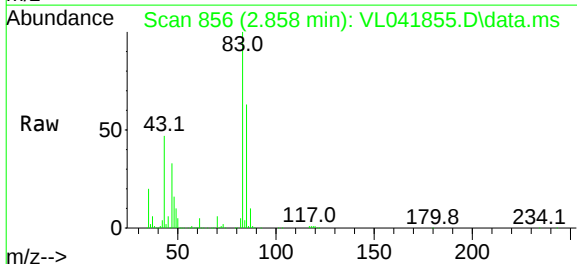
85 62.8 49.6 74.4

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Reviewed By :Semsettin Yesilyurt 01/09/2025

Supervised By :Mahesh Dadoda 01/09/2025



#30

Cyclohexane

Concen: 12.343 ppbv

RT: 3.875 min Scan# 1170

Delta R.T. 0.000 min

Lab File: VL041855.D

Acq: 07 Jan 2025 21:30

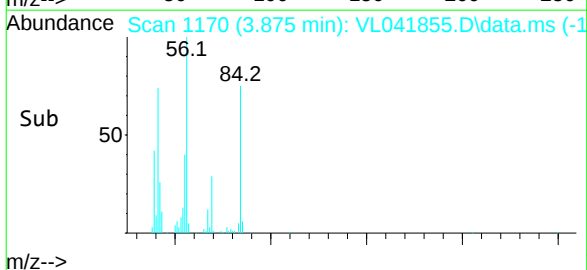
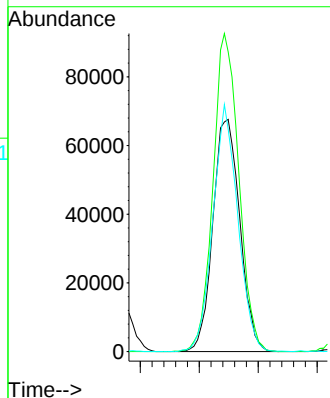
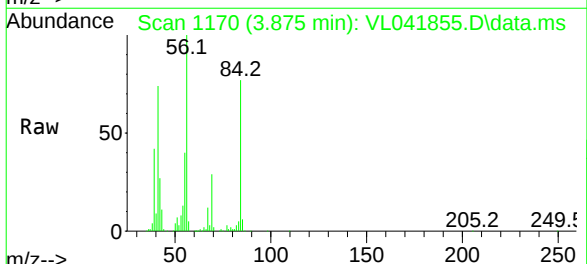
Tgt Ion: 84 Resp: 107422

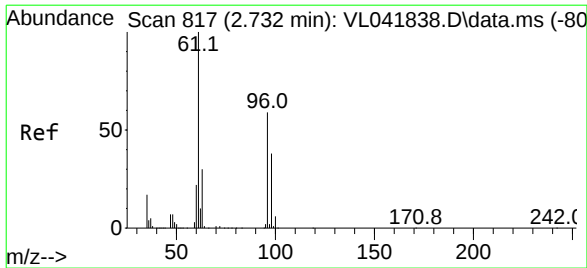
Ion Ratio Lower Upper

84 100

56 130.8 105.0 157.6

41 98.5 78.9 118.3





#31

cis-1,2-Dichloroethene

Concen: 11.132 ppbv

RT: 2.732 min Scan# 817

Delta R.T. 0.000 min

Lab File: VL041855.D

Acq: 07 Jan 2025 21:30

Instrument :

MSVOA_L

ClientSampleId :

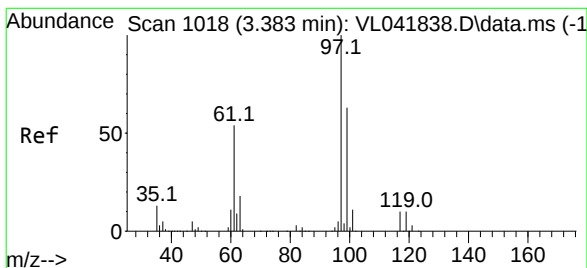
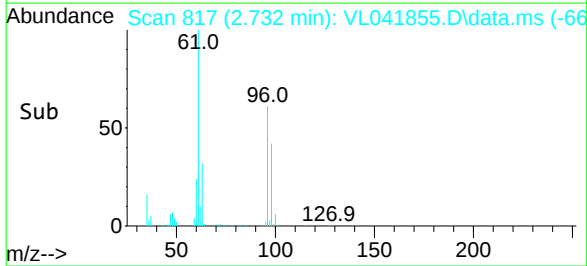
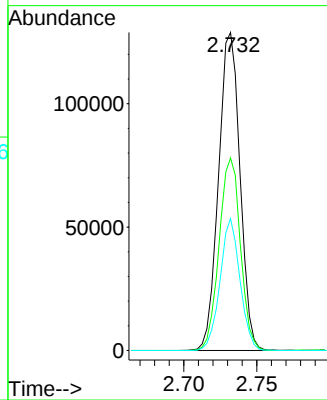
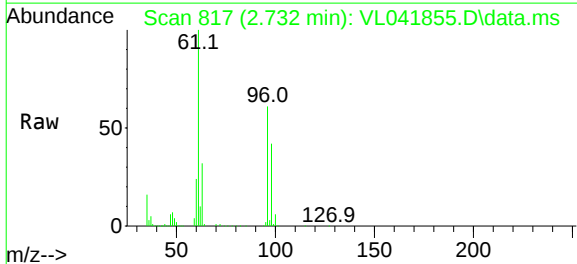
VL0107ABS02

Tgt Ion:	61	Resp:	131506
Ion	Ratio	Lower	Upper
61	100		
96	60.5	47.6	71.4
98	41.5	30.2	45.2

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Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#32

1,1,1-Trichloroethane

Concen: 10.051 ppbv

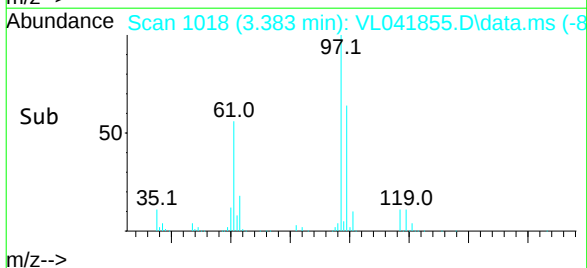
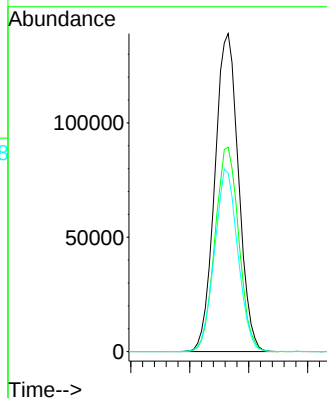
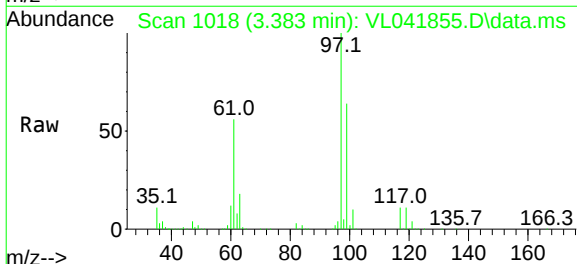
RT: 3.383 min Scan# 1018

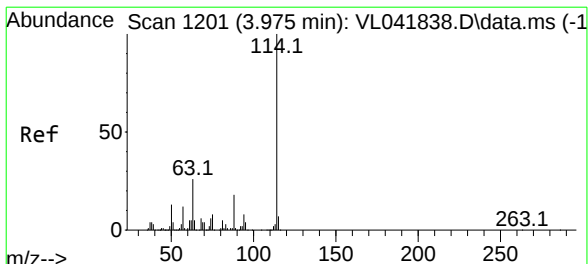
Delta R.T. 0.000 min

Lab File: VL041855.D

Acq: 07 Jan 2025 21:30

Tgt Ion:	97	Resp:	194205
Ion	Ratio	Lower	Upper
97	100		
99	64.5	50.6	76.0
61	56.7	45.0	67.6





#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 3.975 min Scan# 1201
 Delta R.T. 0.000 min
 Lab File: VL041855.D
 Acq: 07 Jan 2025 21:30

Instrument :

MSVOA_L

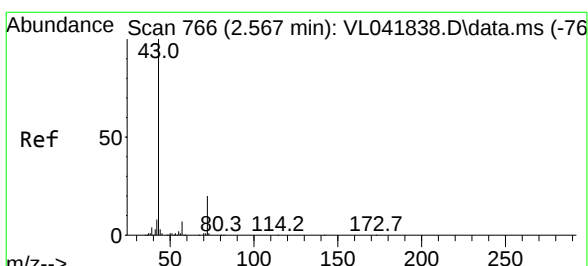
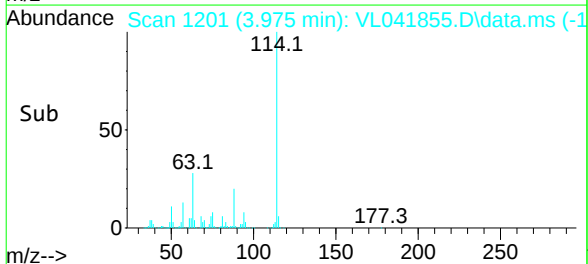
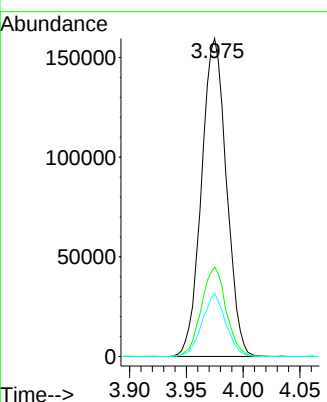
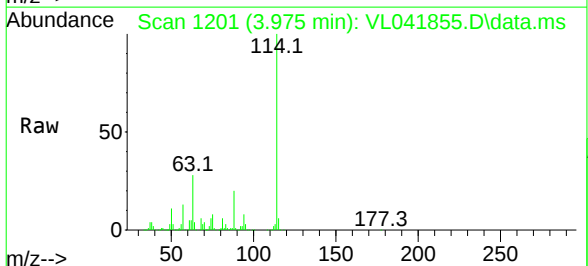
ClientSampleId :

VL0107ABS02

Tgt Ion:	114	Resp:	243780
Ion	Ratio	Lower	Upper
114	100		
63	28.0	22.3	33.5
88	18.7	14.9	22.3

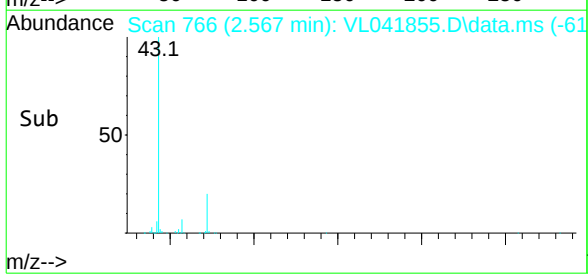
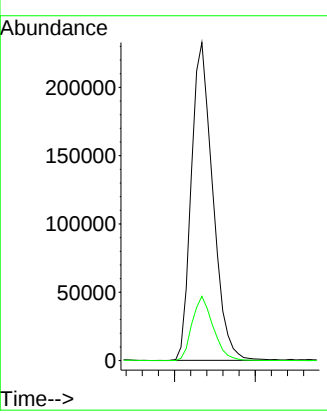
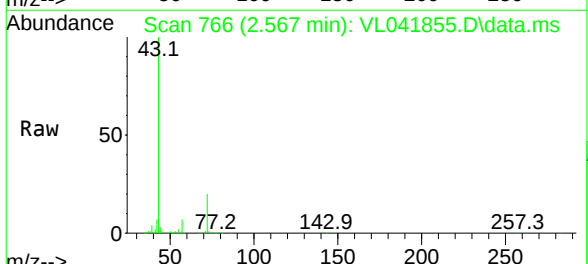
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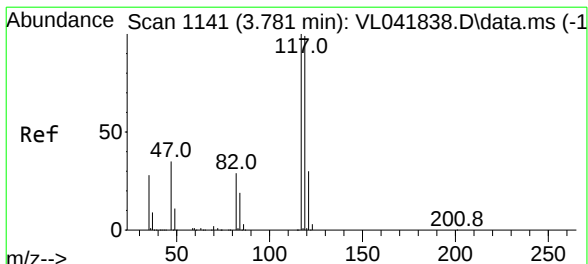
Reviewed By :Semsettin Yesilyurt 01/09/2025
 Supervised By :Mahesh Dadoda 01/09/2025



#34
 2-Butanone
 Concen: 11.202 ppbv
 RT: 2.567 min Scan# 766
 Delta R.T. 0.000 min
 Lab File: VL041855.D
 Acq: 07 Jan 2025 21:30

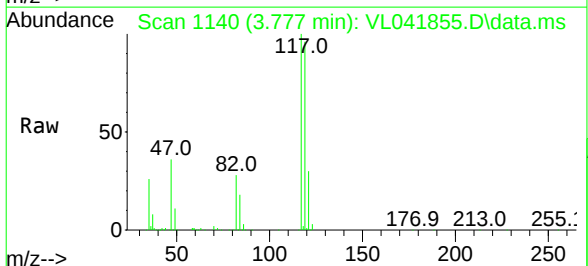
Tgt Ion:	43	Resp:	215107
Ion	Ratio	Lower	Upper
43	100		
72	19.8	16.6	25.0





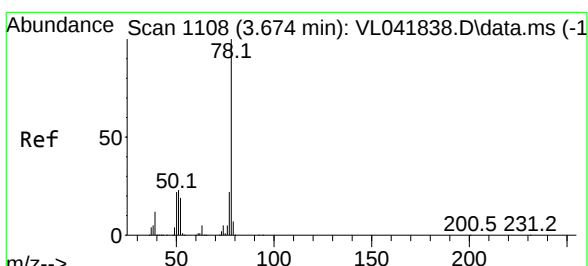
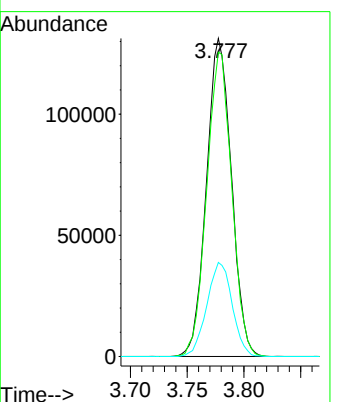
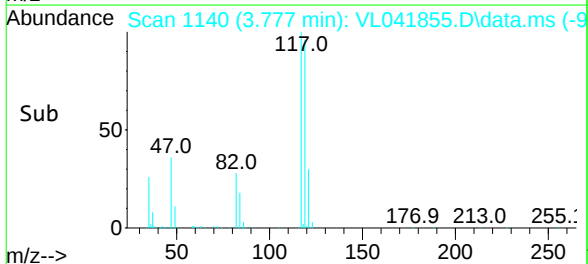
#35
 Carbon Tetrachloride
 Concen: 10.905 ppbv
 RT: 3.777 min Scan# 111
 Delta R.T. -0.003 min
 Lab File: VL041855.D
 Acq: 07 Jan 2025 21:30

Instrument : MSVOA_L
 ClientSampleId : VL0107ABS02

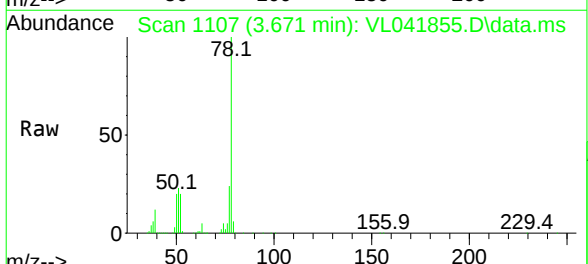


Tgt Ion:	117	Resp:	200923
Ion	Ratio	Lower	Upper
117	100		
119	95.7	79.1	118.7
121	29.6	24.2	36.2

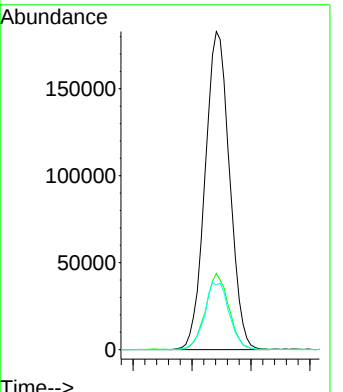
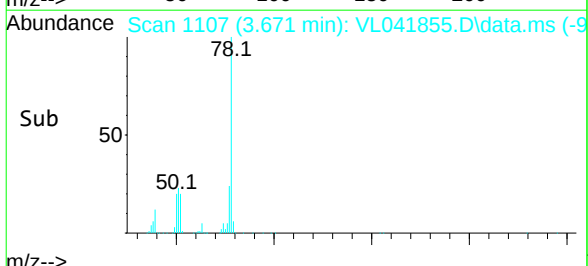
Manual Integrations
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 Reviewed By :Semsettin Yesilyurt 01/09/2025
 Supervised By :Mahesh Dadoda 01/09/2025

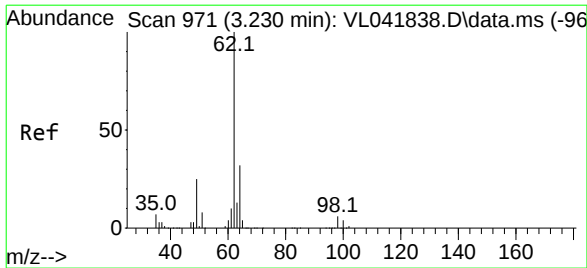


#36
 Benzene
 Concen: 11.328 ppbv
 RT: 3.671 min Scan# 1107
 Delta R.T. -0.003 min
 Lab File: VL041855.D
 Acq: 07 Jan 2025 21:30



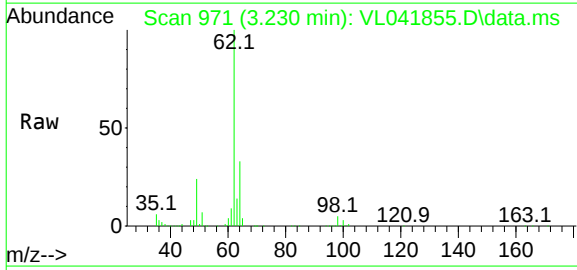
Tgt Ion:	78	Resp:	263818
Ion	Ratio	Lower	Upper
78	100		
77	23.9	17.4	26.0
50	20.3	17.3	25.9





#37
1,2-Dichloroethane
Concen: 10.717 ppbv
RT: 3.230 min Scan# 971
Delta R.T. 0.000 min
Lab File: VL041855.D
Acq: 07 Jan 2025 21:30

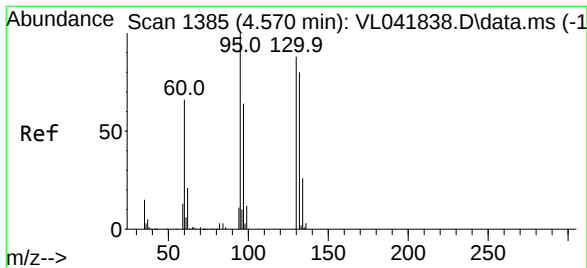
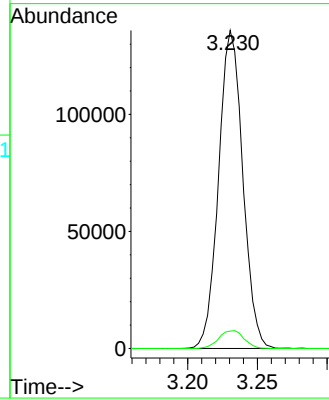
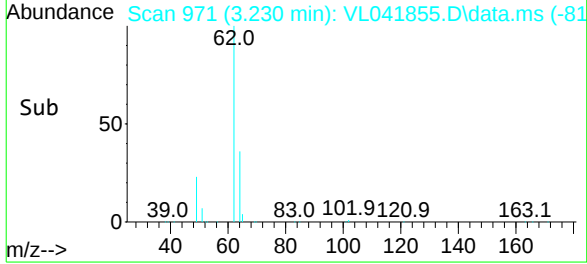
Instrument :
MSVOA_L
ClientSampleId :
VL0107ABS02



Tgt Ion: 62 Resp: 164076
Ion Ratio Lower Upper
62 100
98 5.9 4.8 7.2

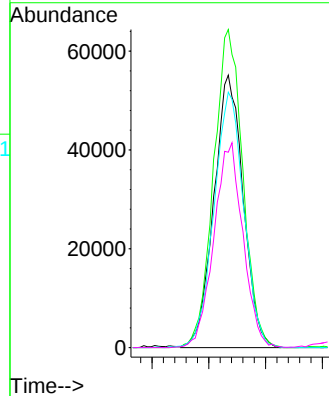
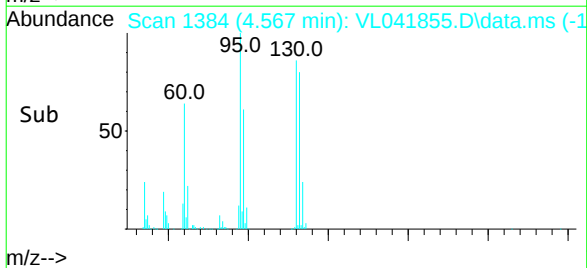
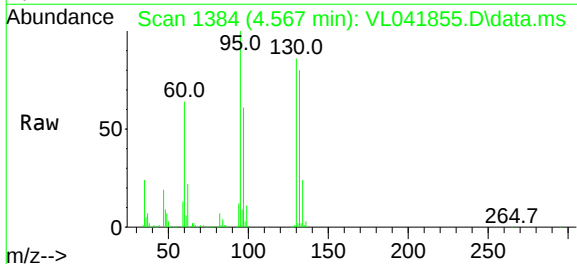
Manual Integrations
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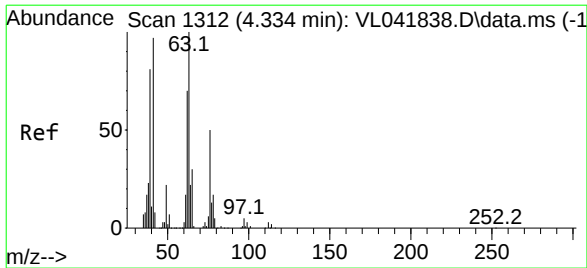
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#38
Trichloroethene
Concen: 11.036 ppbv
RT: 4.567 min Scan# 1384
Delta R.T. -0.003 min
Lab File: VL041855.D
Acq: 07 Jan 2025 21:30

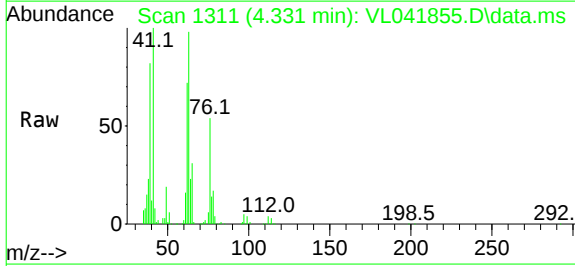
Tgt Ion:130 Resp: 98835
Ion Ratio Lower Upper
130 100
95 116.5 90.1 135.1
132 93.6 71.8 107.8
97 71.4 57.9 86.9





#39
1,2-Dichloropropane
Concen: 10.798 ppbv
RT: 4.331 min Scan# 1312
Delta R.T. -0.003 min
Lab File: VL041855.D
Acq: 07 Jan 2025 21:30

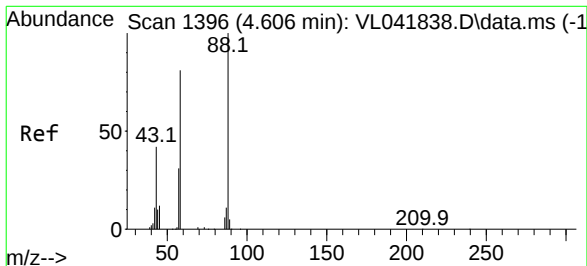
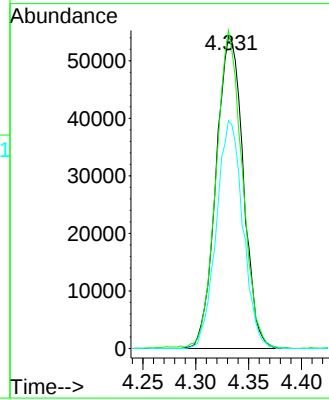
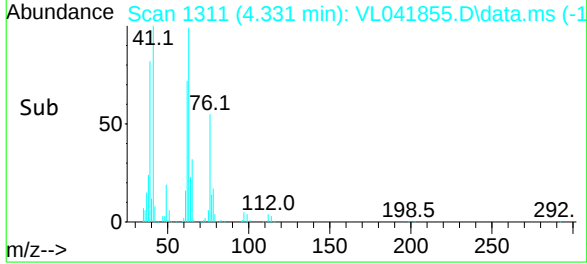
Instrument :
MSVOA_L
ClientSampleId :
VL0107ABS02



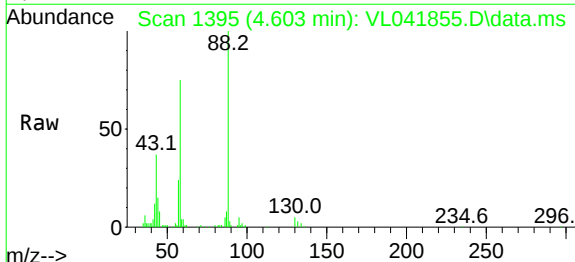
Tgt Ion: 63 Resp: 97273
Ion Ratio Lower Upper
63 100
41 101.9 77.7 116.5
62 73.1 56.2 84.2

Manual Integrations
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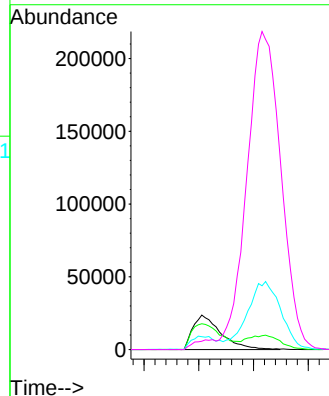
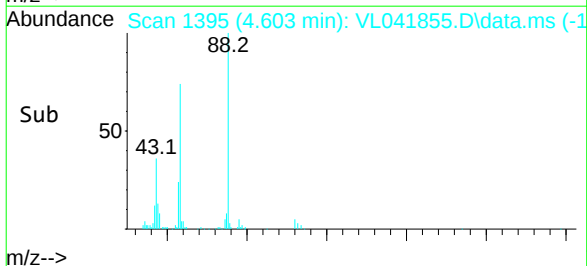
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025

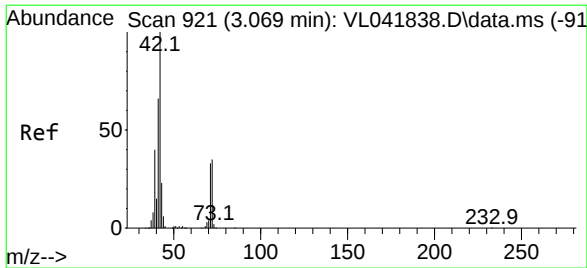


#40
1,4-Dioxane
Concen: 12.121 ppbv
RT: 4.603 min Scan# 1395
Delta R.T. -0.003 min
Lab File: VL041855.D
Acq: 07 Jan 2025 21:30



Tgt Ion: 88 Resp: 42263
Ion Ratio Lower Upper
88 100
58 77.9 63.0 94.6
43 36.8 30.0 45.0
57 0.0 0.0 0.0





#41

Tetrahydrofuran

Concen: 12.768 ppbv

RT: 3.065 min Scan# 921

Delta R.T. -0.003 min

Lab File: VL041855.D

Acq: 07 Jan 2025 21:30

Instrument :

MSVOA_L

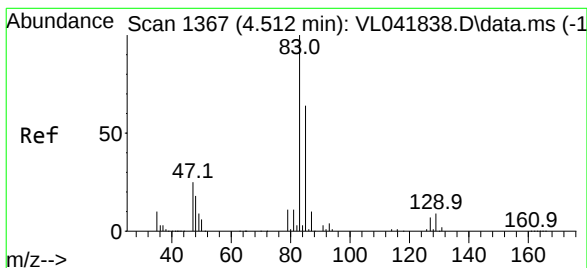
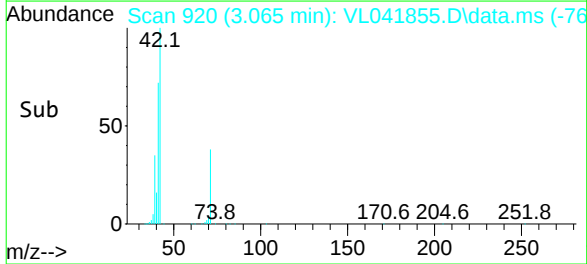
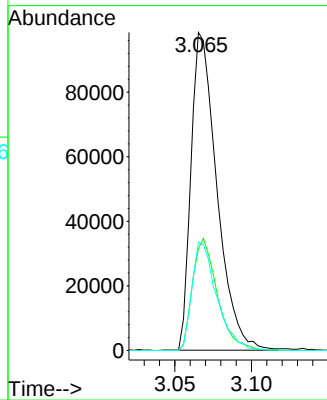
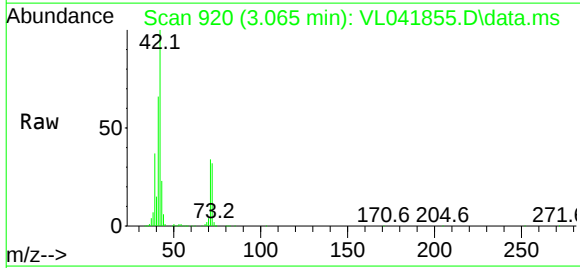
ClientSampleId :

VL0107ABS02

Tgt Ion: 42	Resp: 115504
Ion Ratio	Lower Upper
42 100	
72 33.8	27.9 41.9
71 32.9	26.5 39.7

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#42

Bromodichloromethane

Concen: 11.555 ppbv

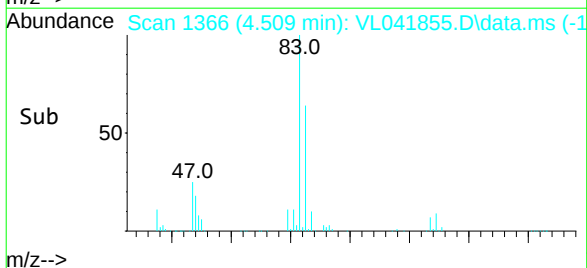
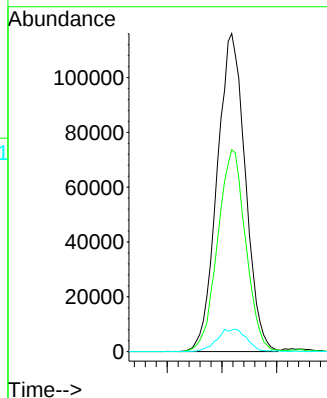
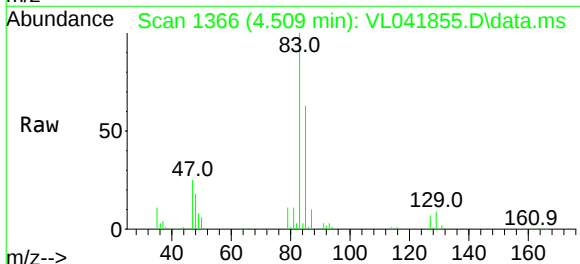
RT: 4.509 min Scan# 1366

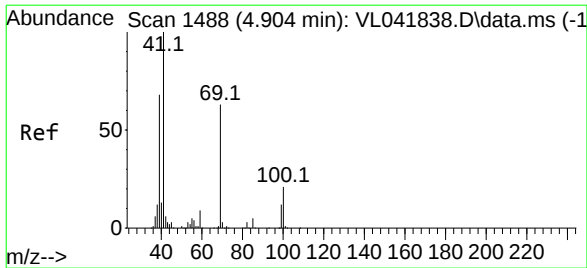
Delta R.T. -0.003 min

Lab File: VL041855.D

Acq: 07 Jan 2025 21:30

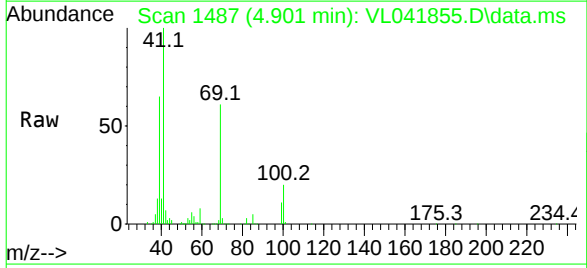
Tgt Ion: 83	Resp: 207472
Ion Ratio	Lower Upper
83 100	
85 63.5	51.3 76.9
127 6.8	5.6 8.4





#43
Methyl Methacrylate
Concen: 12.987 ppbv
RT: 4.901 min Scan# 1412
Delta R.T. -0.003 min
Lab File: VL041855.D
Acq: 07 Jan 2025 21:30

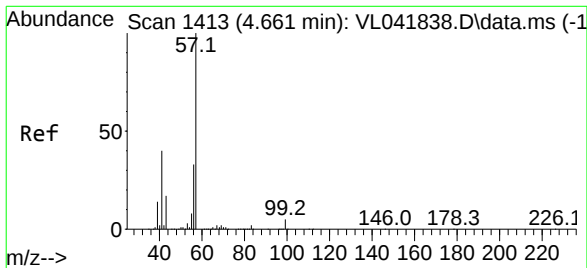
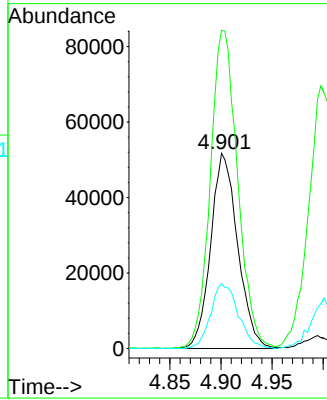
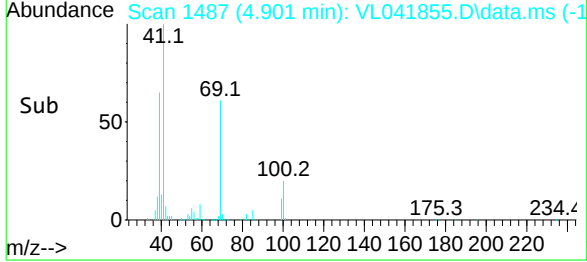
Instrument : MSVOA_L
ClientSampleId : VL0107ABS02



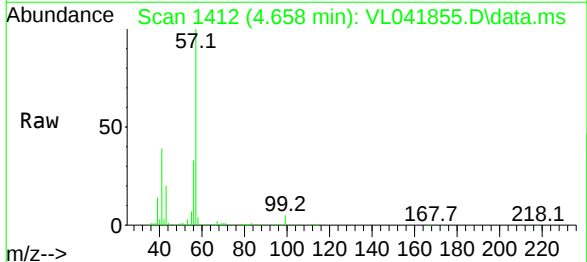
Tgt Ion:	69	Resp:	94976
Ion	Ratio	Lower	Upper
69	100		
41	165.0	132.2	198.2
100	34.1	28.2	42.4

Manual Integrations
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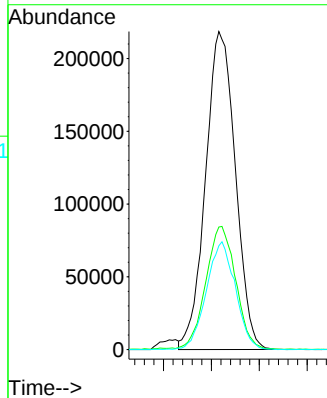
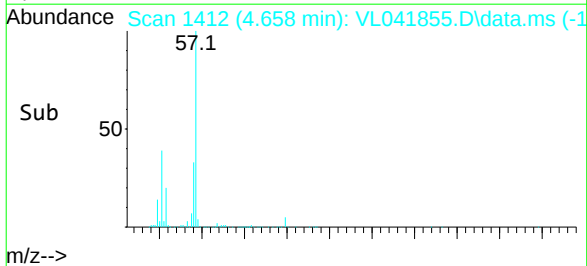
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025

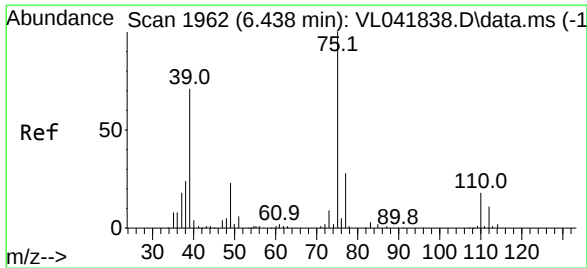


#44
2,2,4-Trimethylpentane
Concen: 12.335 ppbv
RT: 4.658 min Scan# 1412
Delta R.T. -0.003 min
Lab File: VL041855.D
Acq: 07 Jan 2025 21:30



Tgt Ion:	57	Resp:	473286
Ion	Ratio	Lower	Upper
57	100		
41	39.2	31.4	47.2
56	33.0	26.6	39.8





#45

t-1,3-Dichloropropene

Concen: 11.960 ppbv

RT: 6.441 min Scan# 19

Delta R.T. 0.003 min

Lab File: VL041855.D

Acq: 07 Jan 2025 21:30

Instrument :

MSVOA_L

ClientSampleId :

VL0107ABS02

Tgt Ion: 75 Resp: 85389

Ion Ratio Lower Upper

75 100

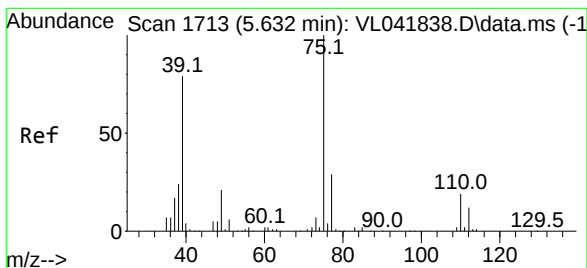
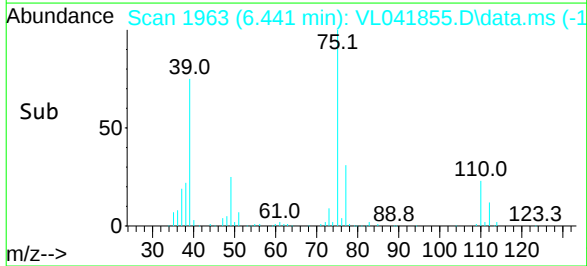
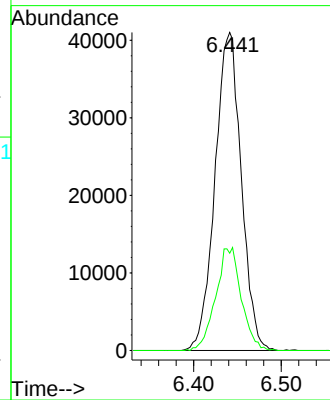
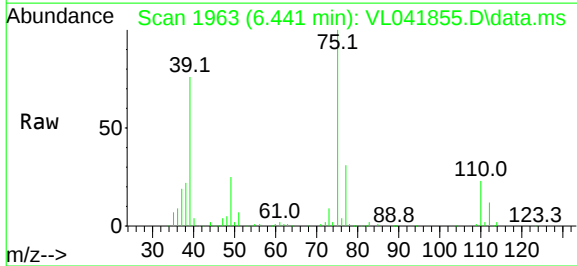
77 30.6 22.2 33.4

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 01/09/2025

Supervised By :Mahesh Dadoda 01/09/2025



#46

cis-1,3-Dichloropropene

Concen: 12.071 ppbv

RT: 5.622 min Scan# 1710

Delta R.T. -0.010 min

Lab File: VL041855.D

Acq: 07 Jan 2025 21:30

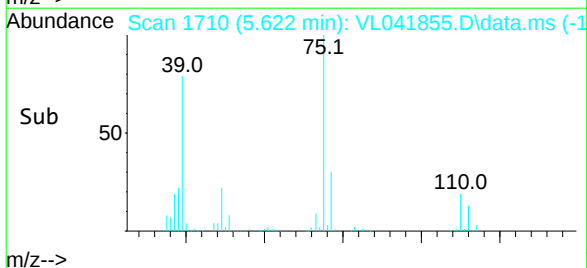
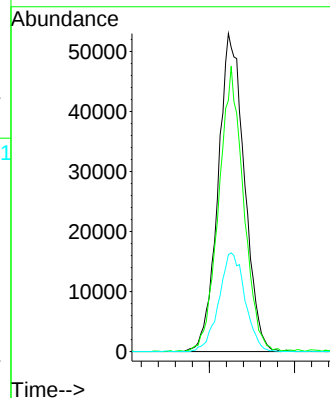
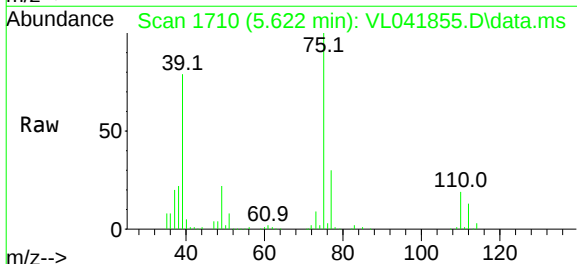
Tgt Ion: 75 Resp: 113483

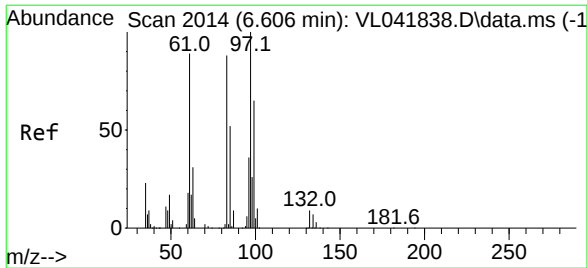
Ion Ratio Lower Upper

75 100

39 78.7 63.3 94.9

77 30.4 23.5 35.3





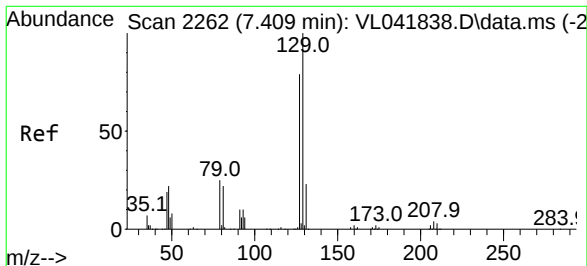
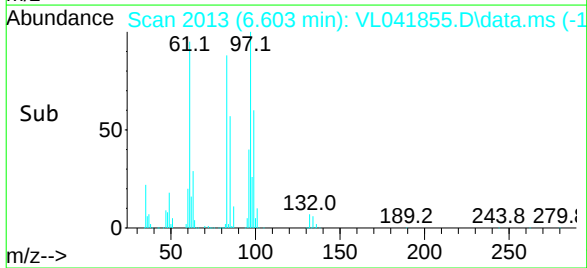
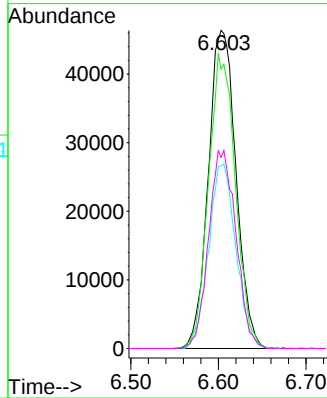
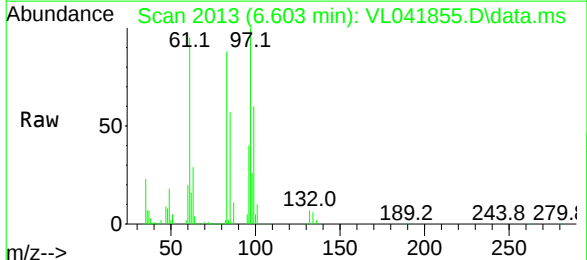
#47
1,1,2-Trichloroethane
Concen: 10.696 ppbv
RT: 6.603 min Scan# 2014
Delta R.T. -0.003 min
Lab File: VL041855.D
Acq: 07 Jan 2025 21:30

Instrument :
MSVOA_L
ClientSampleId :
VL0107ABS02

Tgt Ion:	97	Resp:	101788
Ion	Ratio	Lower	Upper
97	100		
83	87.8	70.3	105.5
85	57.3	41.5	62.3
99	60.0	52.3	78.5

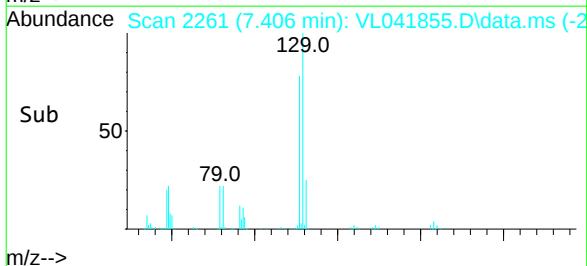
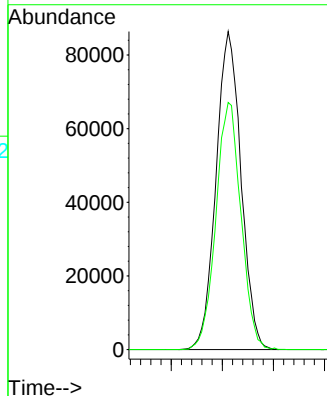
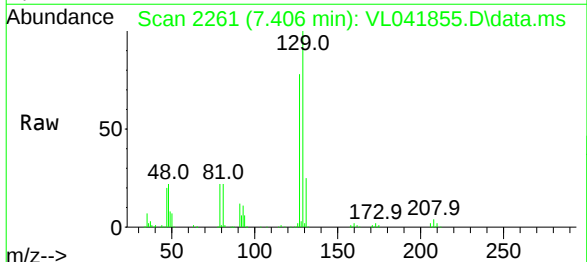
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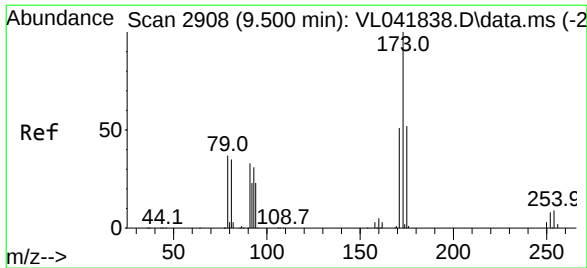
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#48
Dibromochloromethane
Concen: 12.101 ppbv
RT: 7.406 min Scan# 2261
Delta R.T. -0.003 min
Lab File: VL041855.D
Acq: 07 Jan 2025 21:30

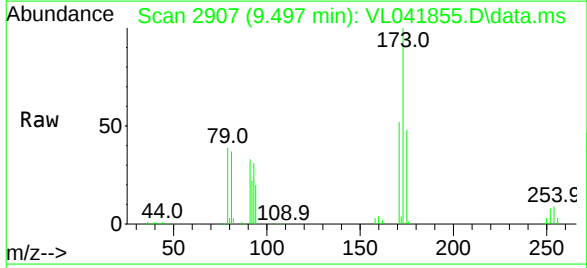
Tgt Ion:	129	Resp:	146766
Ion	Ratio	Lower	Upper
129	100		
127	77.9	38.7	116.1





#49
Bromoform
Concen: 12.591 ppbv
RT: 9.497 min Scan# 2907
Delta R.T. -0.003 min
Lab File: VL041855.D
Acq: 07 Jan 2025 21:30

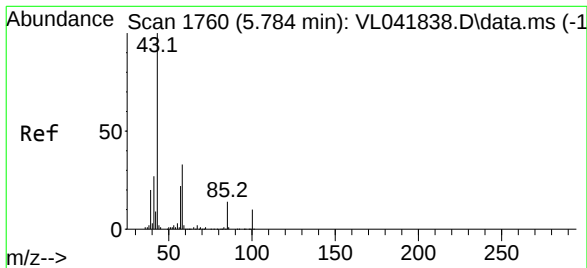
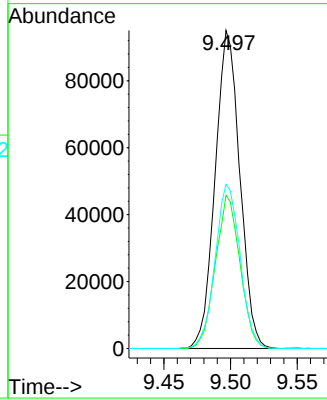
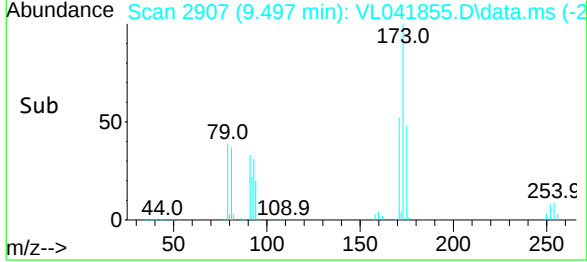
Instrument :
MSVOA_L
ClientSampleId :
VL0107ABS02



Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.0	39.5	59.3
171	52.2	41.5	62.3

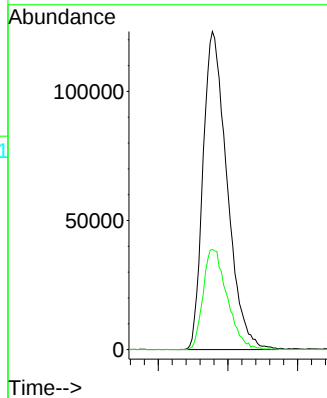
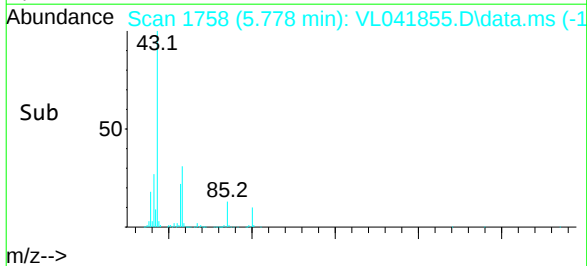
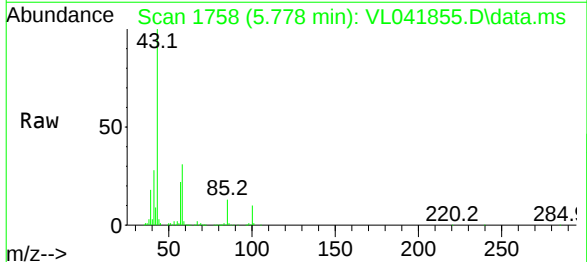
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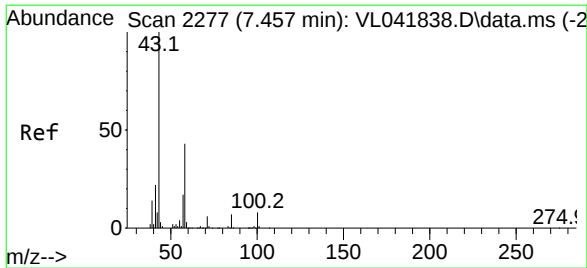
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#50
4-Methyl-2-Pentanone
Concen: 13.276 ppbv
RT: 5.778 min Scan# 1758
Delta R.T. -0.006 min
Lab File: VL041855.D
Acq: 07 Jan 2025 21:30

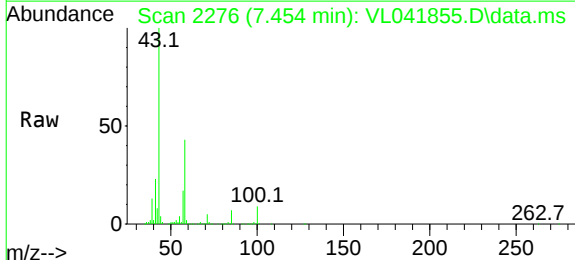
Tgt Ion	Ratio	Lower	Upper
43	100		
58	31.6	25.6	38.4





#51
2-Hexanone
Concen: 13.791 ppbv
RT: 7.454 min Scan# 2277
Delta R.T. -0.003 min
Lab File: VL041855.D
Acq: 07 Jan 2025 21:30

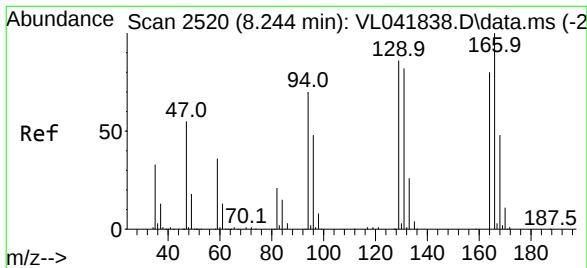
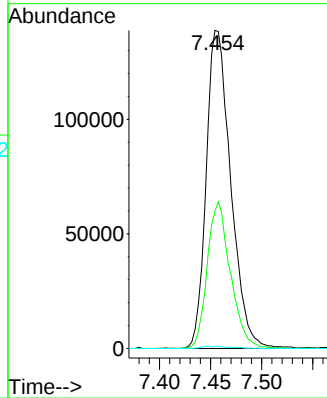
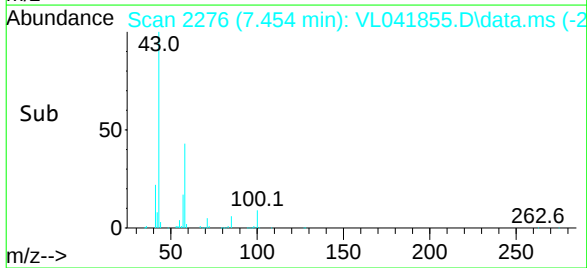
Instrument :
MSVOA_L
ClientSampleId :
VL0107ABS02



Tgt Ion: 43 Resp: 231768
Ion Ratio Lower Upper
43 100
58 43.6 33.8 50.8
98 0.8 0.7 1.1

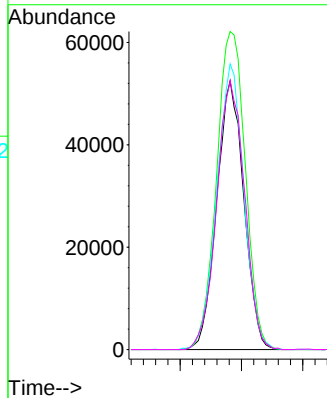
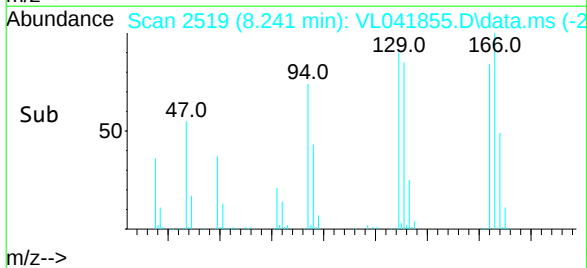
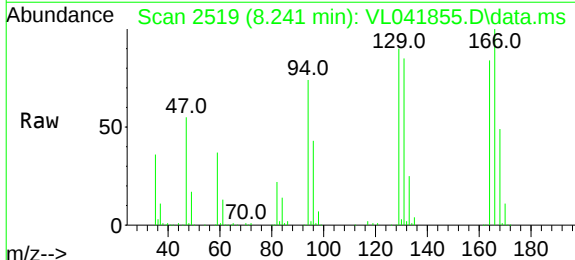
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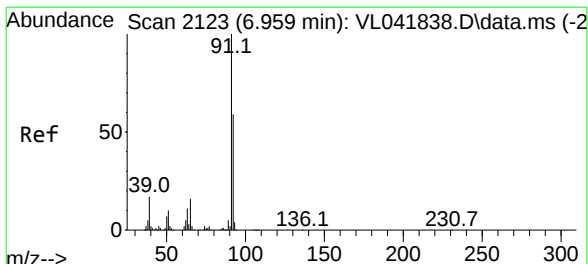
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#52
Tetrachloroethene
Concen: 11.675 ppbv
RT: 8.241 min Scan# 2519
Delta R.T. -0.003 min
Lab File: VL041855.D
Acq: 07 Jan 2025 21:30

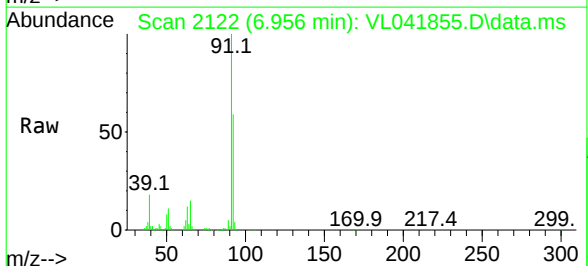
Tgt Ion:164 Resp: 80623
Ion Ratio Lower Upper
164 100
166 118.4 100.4 150.6
129 106.3 85.9 128.9
131 100.1 82.8 124.2





#53
 Toluene
 Concen: 12.992 ppbv
 RT: 6.956 min Scan# 2123
 Delta R.T. -0.003 min
 Lab File: VL041855.D
 Acq: 07 Jan 2025 21:30

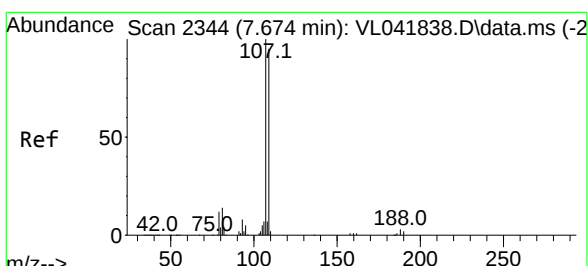
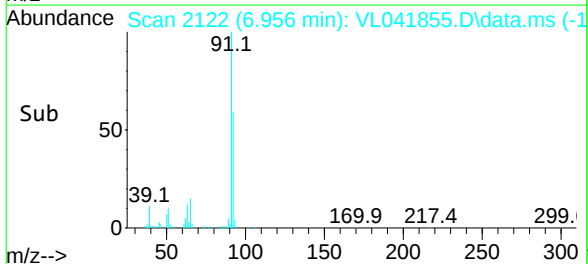
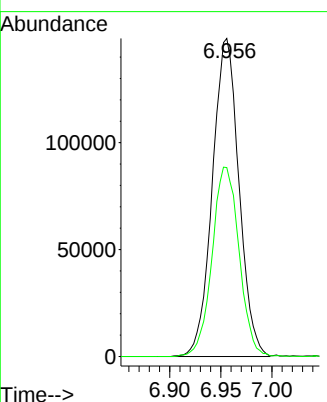
Instrument : MSVOA_L
 ClientSampleId : VL0107ABS02



Tgt Ion: 91 Resp: 269294

Ion	Ratio	Lower	Upper
91	100		
92	60.4	47.8	71.6

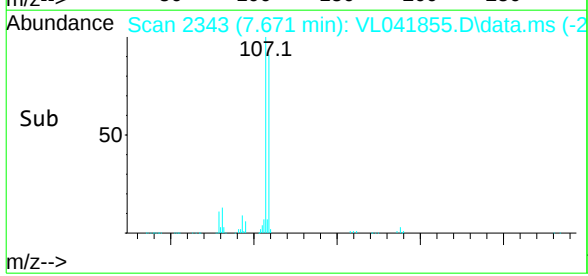
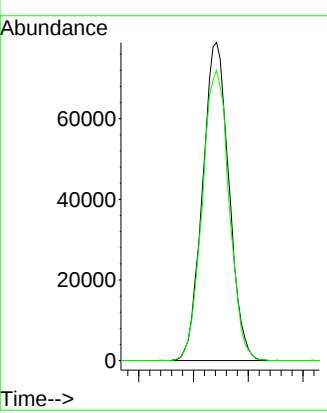
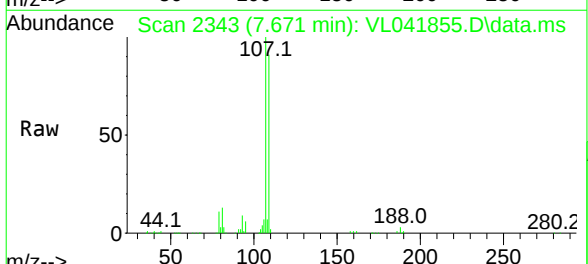
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 Reviewed By :Semsettin Yesilyurt 01/09/2025
 Supervised By :Mahesh Dadoda 01/09/2025

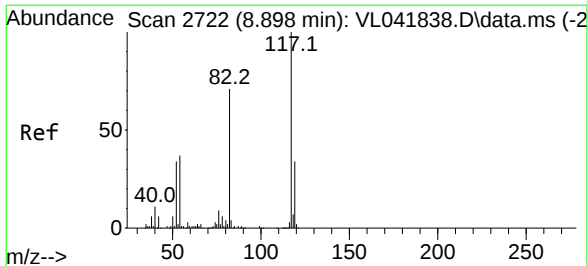


#54
 1,2-Dibromoethane
 Concen: 11.340 ppbv
 RT: 7.671 min Scan# 2343
 Delta R.T. -0.003 min
 Lab File: VL041855.D
 Acq: 07 Jan 2025 21:30

Tgt Ion:107 Resp: 132314

Ion	Ratio	Lower	Upper
107	100		
109	91.2	75.9	113.9





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.898 min Scan# 2722

Delta R.T. 0.000 min

Lab File: VL041855.D

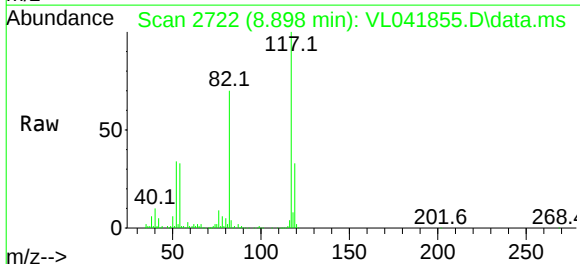
Acq: 07 Jan 2025 21:30

Instrument :

MSVOA_L

ClientSampleId :

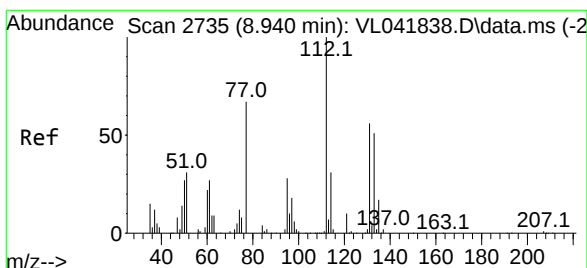
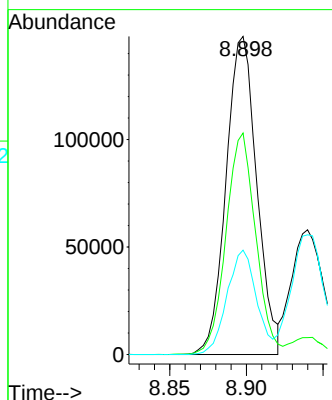
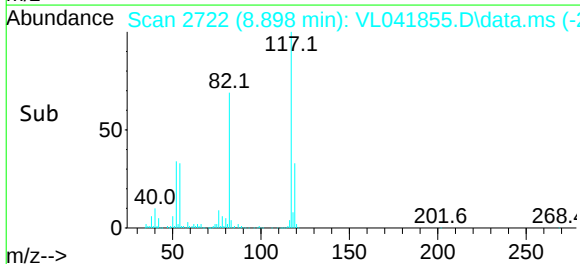
VL0107ABS02



Tgt Ion:	117	Resp:	206717
Ion	Ratio	Lower	Upper
117	100		
82	72.8	59.1	88.7
119	30.9	27.3	40.9

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#56

1,1,1,2-Tetrachloroethane

Concen: 10.874 ppbv

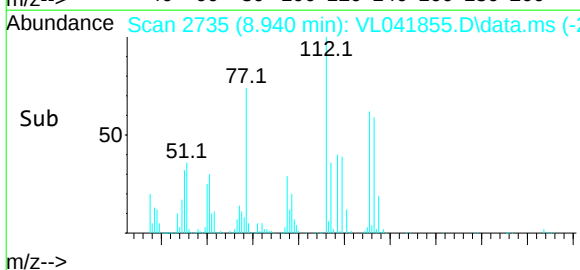
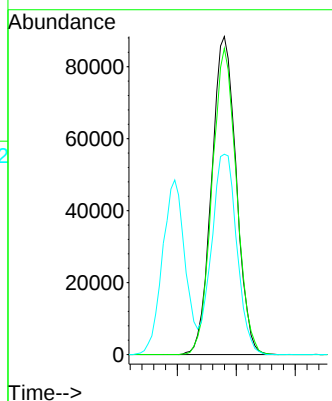
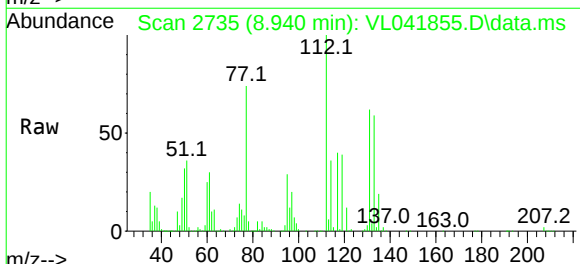
RT: 8.940 min Scan# 2735

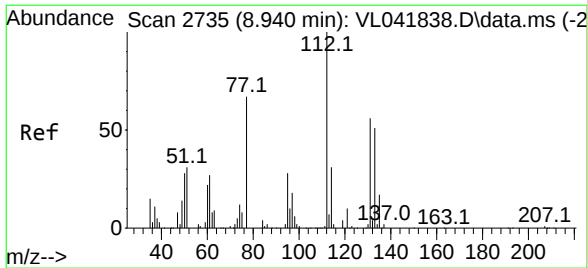
Delta R.T. 0.000 min

Lab File: VL041855.D

Acq: 07 Jan 2025 21:30

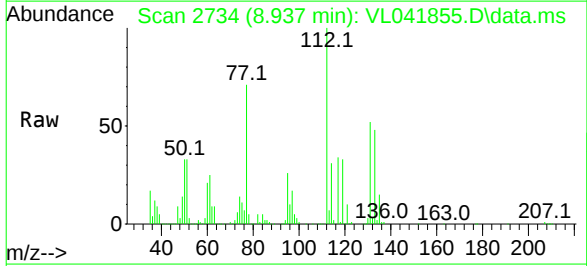
Tgt Ion:	131	Resp:	128117
Ion	Ratio	Lower	Upper
131	100		
133	95.4	77.3	115.9
119	64.4	50.6	76.0





#57
Chlorobenzene
Concen: 10.543 ppbv
RT: 8.937 min Scan# 2735
Delta R.T. -0.003 min
Lab File: VL041855.D
Acq: 07 Jan 2025 21:30

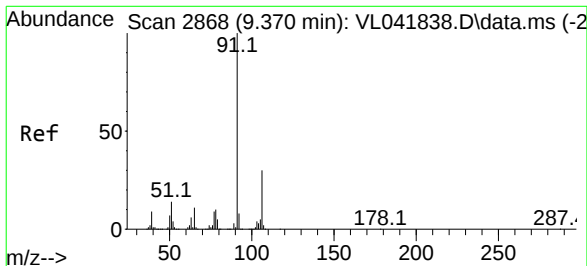
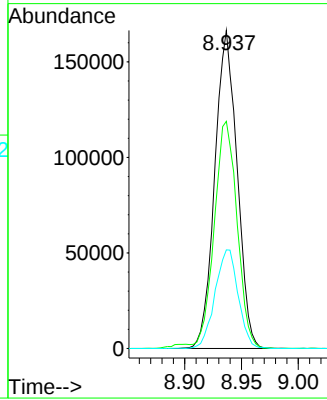
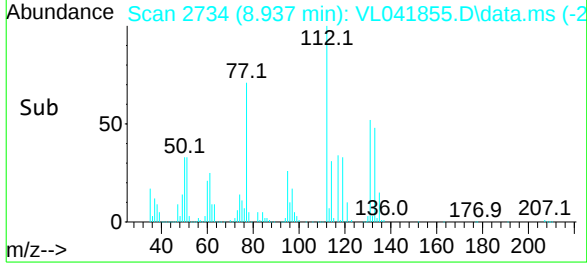
Instrument :
MSVOA_L
ClientSampleId :
VL0107ABS02



Tgt Ion: 112 Resp: 227702
Ion Ratio Lower Upper
112 100
77 71.4 55.1 82.7
114 31.0 28.3 34.5

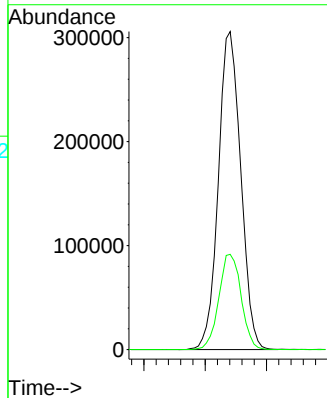
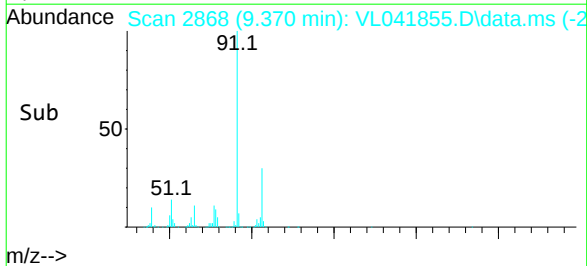
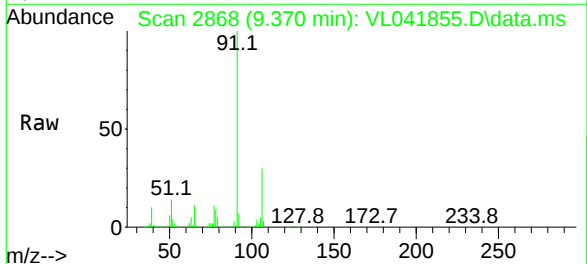
Manual Integrations
APPROVED

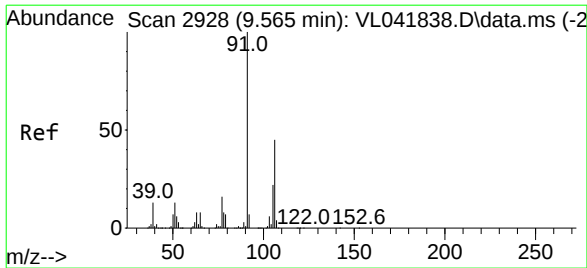
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#58
Ethyl Benzene
Concen: 13.763 ppbv
RT: 9.370 min Scan# 2868
Delta R.T. 0.000 min
Lab File: VL041855.D
Acq: 07 Jan 2025 21:30

Tgt Ion: 91 Resp: 387745
Ion Ratio Lower Upper
91 100
106 29.9 23.8 35.8





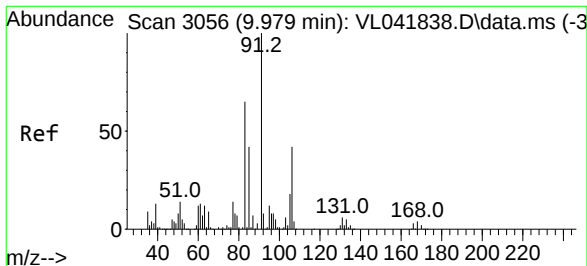
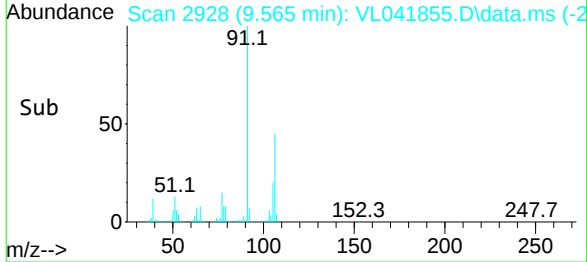
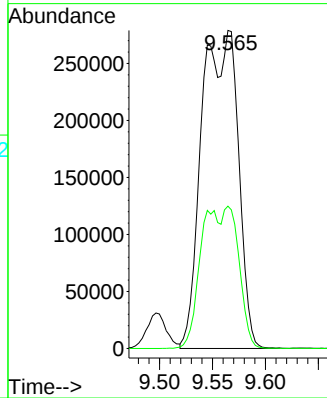
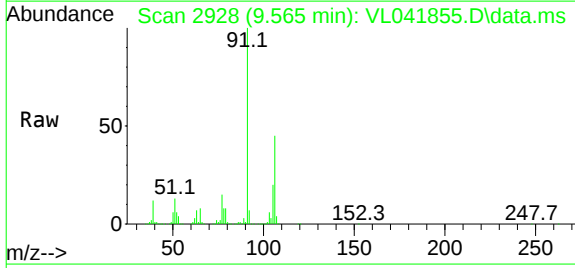
#59
m/p-Xylene
Concen: 26.861 ppbv m
RT: 9.565 min Scan# 2928
Delta R.T. 0.000 min
Lab File: VL041855.D
Acq: 07 Jan 2025 21:30

Instrument :
MSVOA_L
ClientSampleId :
VL0107ABS02

Tgt Ion: 91 Resp: 666741
Ion Ratio Lower Upper
91 100
106 45.9 36.7 55.1

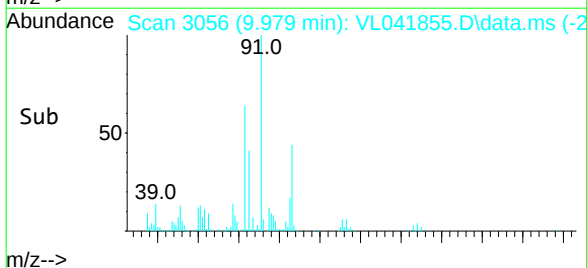
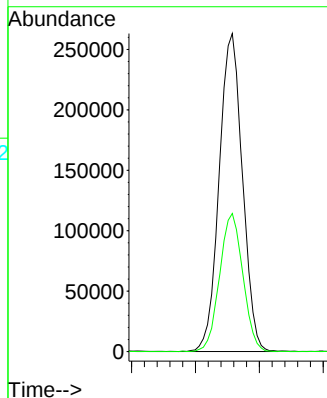
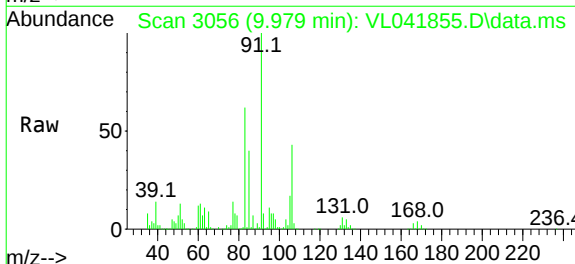
Manual Integrations
APPROVED

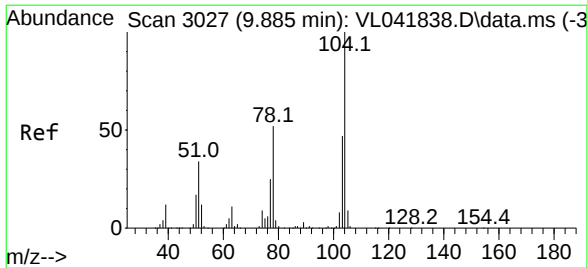
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#60
o-Xylene
Concen: 13.760 ppbv
RT: 9.979 min Scan# 3056
Delta R.T. 0.000 min
Lab File: VL041855.D
Acq: 07 Jan 2025 21:30

Tgt Ion: 91 Resp: 332864
Ion Ratio Lower Upper
91 100
106 43.5 21.9 65.5





#61

Styrene

Concen: 14.385 ppbv

RT: 9.885 min Scan# 3027

Delta R.T. 0.000 min

Lab File: VL041855.D

Acq: 07 Jan 2025 21:30

Instrument :

MSVOA_L

ClientSampleId :

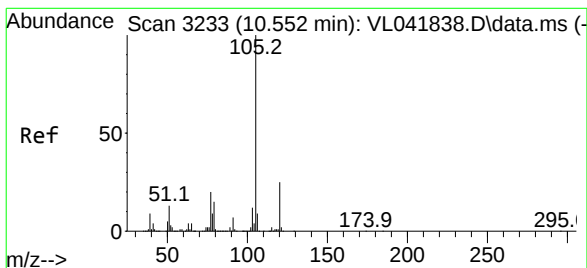
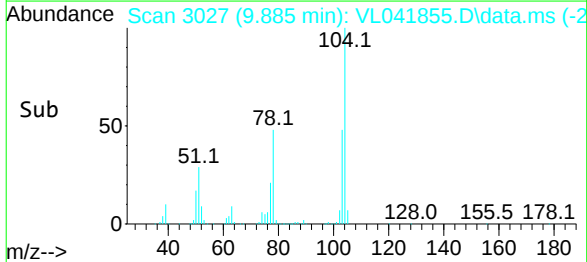
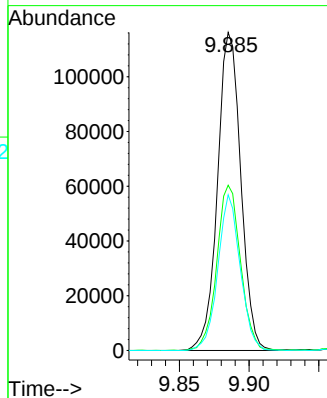
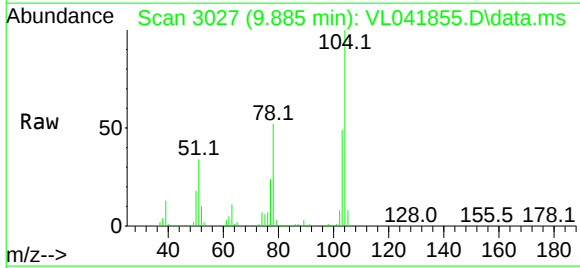
VL0107ABS02

Tgt Ion:	104	Resp:	135001
Ion Ratio	Lower	Upper	
104	100		
78	52.8	42.7	64.1
103	46.9	37.8	56.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#62

Isopropylbenzene

Concen: 12.982 ppbv

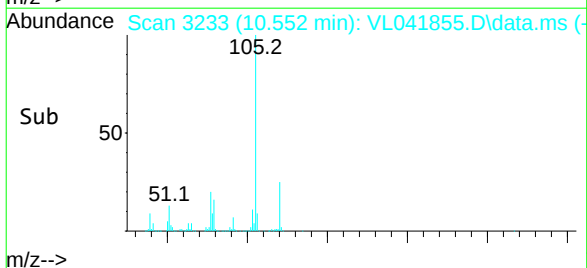
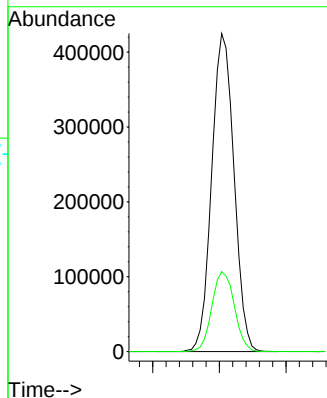
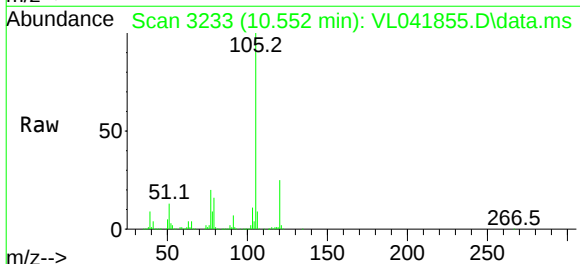
RT: 10.552 min Scan# 3233

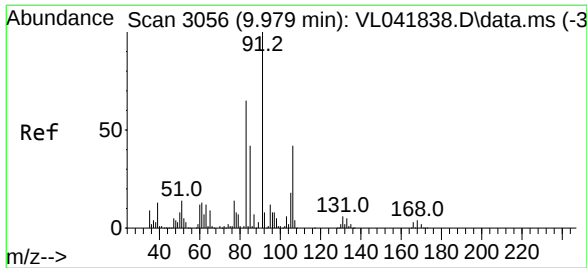
Delta R.T. 0.000 min

Lab File: VL041855.D

Acq: 07 Jan 2025 21:30

Tgt Ion:	105	Resp:	493367
Ion Ratio	Lower	Upper	
105	100		
120	25.3	20.4	30.6





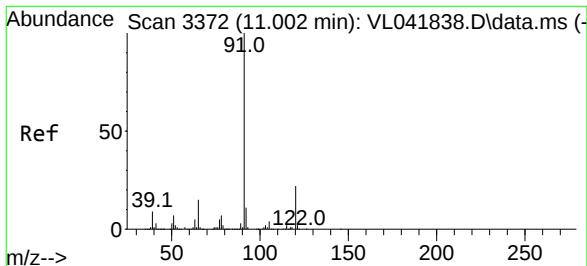
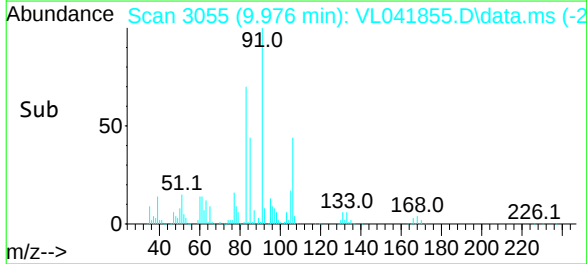
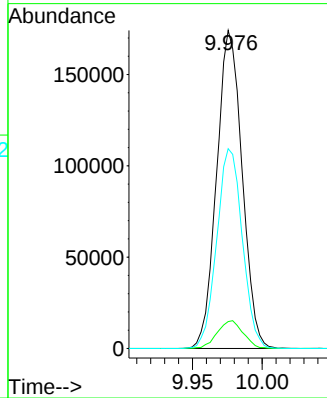
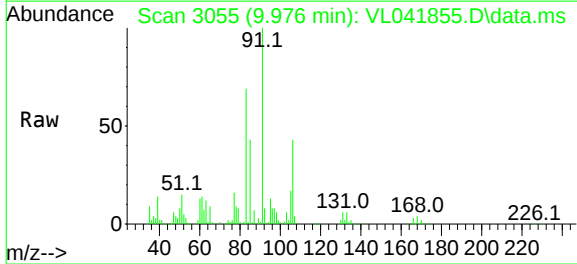
#63
1,1,2,2-Tetrachloroethane
Concen: 10.438 ppbv
RT: 9.976 min Scan# 3056
Delta R.T. -0.003 min
Lab File: VL041855.D
Acq: 07 Jan 2025 21:30

Instrument : MSVOA_L
ClientSampleId : VL0107ABS02

Tgt Ion	Ratio	Lower	Upper
83	100		
131	9.0	4.8	14.3
85	63.0	31.9	95.9

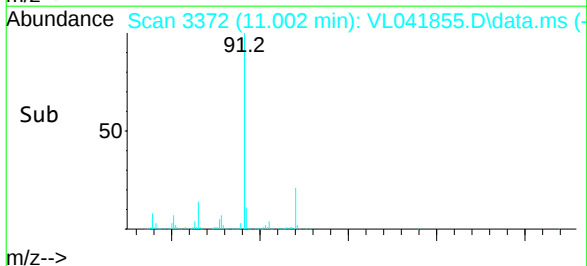
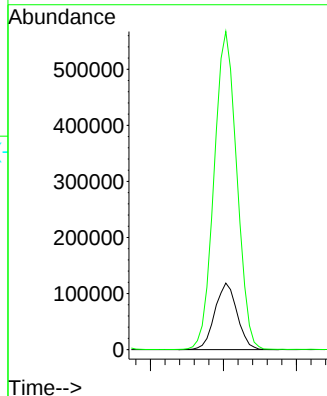
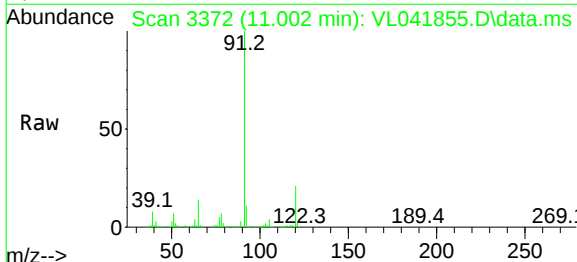
Manual Integrations
APPROVED

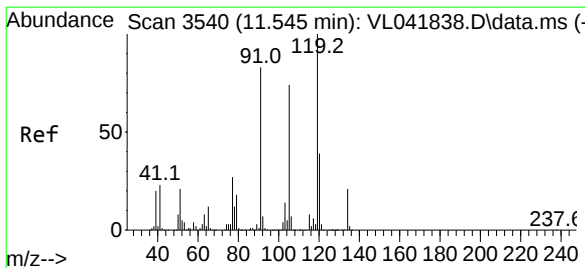
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#64
n-propylbenzene
Concen: 12.863 ppbv
RT: 11.002 min Scan# 3372
Delta R.T. 0.000 min
Lab File: VL041855.D
Acq: 07 Jan 2025 21:30

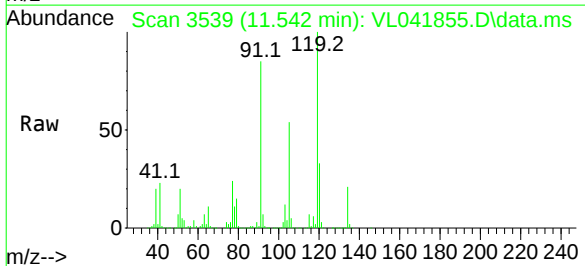
Tgt Ion	Ratio	Lower	Upper
120	100		
91	489.5	382.1	573.1





#65
tert-Butylbenzene
Concen: 13.028 ppbv
RT: 11.542 min Scan# 3540
Delta R.T. -0.003 min
Lab File: VL041855.D
Acq: 07 Jan 2025 21:30

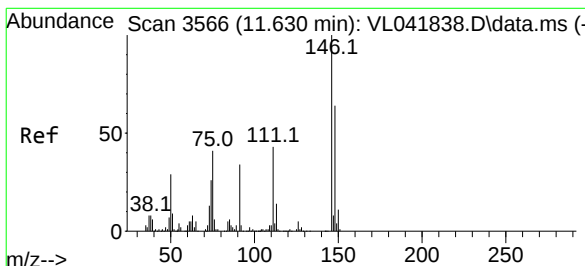
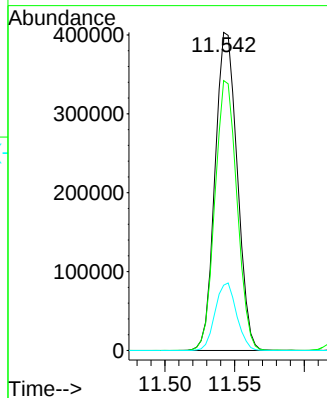
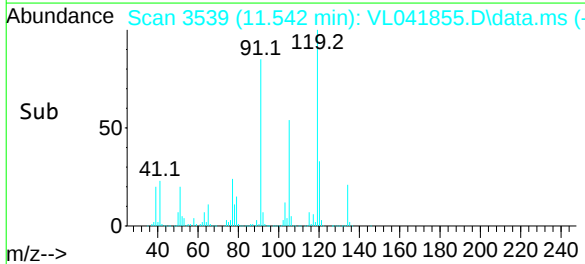
Instrument : MSVOA_L
ClientSampleId : VL0107ABS02



Tgt Ion: 119 Resp: 446167
Ion Ratio Lower Upper
119 100
91 84.6 68.0 102.0
134 20.5 16.2 24.4

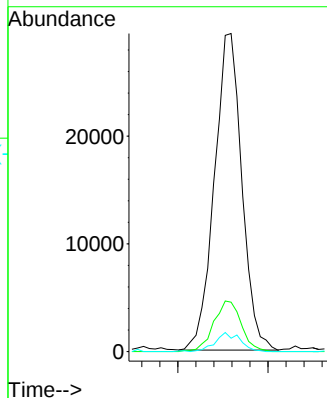
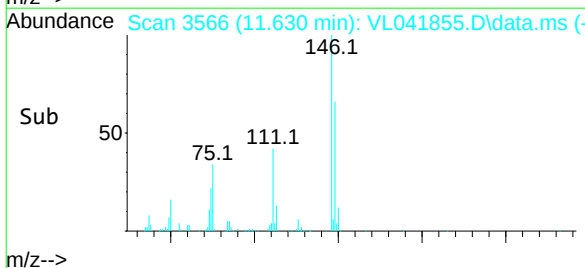
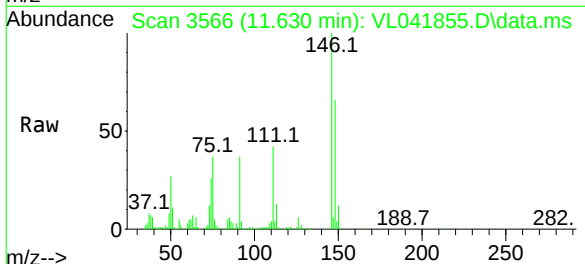
Manual Integrations
APPROVED

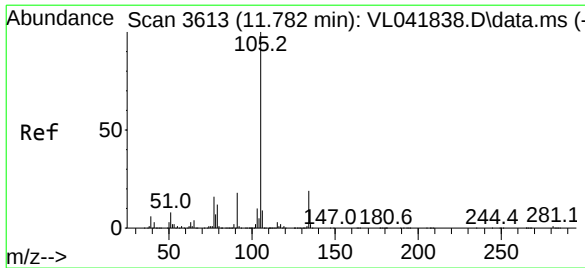
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#66
Benzyl Chloride
Concen: 10.849 ppbv
RT: 11.630 min Scan# 3566
Delta R.T. 0.000 min
Lab File: VL041855.D
Acq: 07 Jan 2025 21:30

Tgt Ion: 91 Resp: 31125
Ion Ratio Lower Upper
91 100
126 16.0 12.1 18.1
128 5.5 4.3 6.5





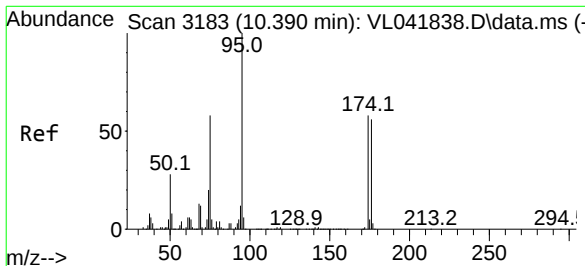
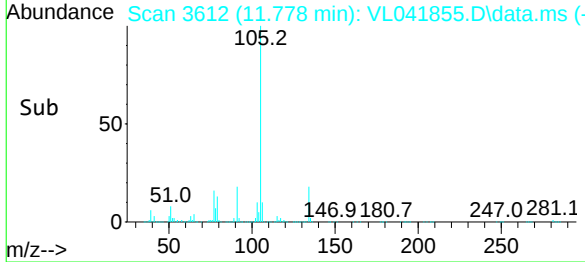
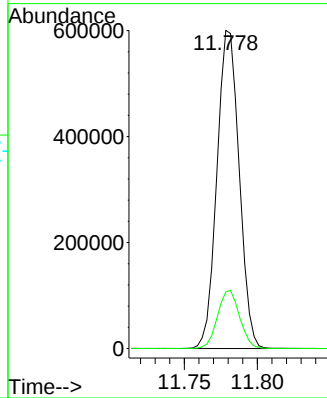
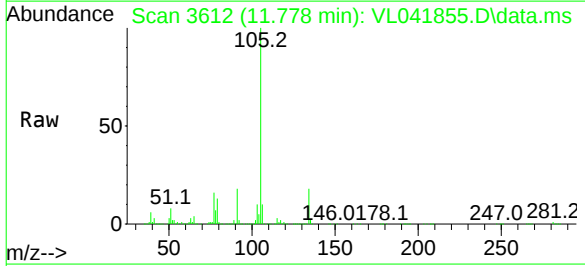
#67
sec-Butylbenzene
Concen: 12.731 ppbv
RT: 11.778 min Scan# 3613
Delta R.T. -0.003 min
Lab File: VL041855.D
Acq: 07 Jan 2025 21:30

Instrument :
MSVOA_L
ClientSampleId :
VL0107ABS02

Tgt Ion: 105 Resp: 636199
Ion Ratio Lower Upper
105 100
134 18.1 14.6 22.0

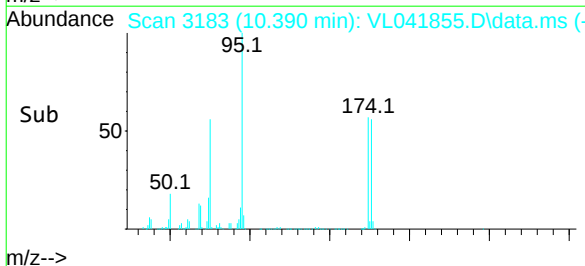
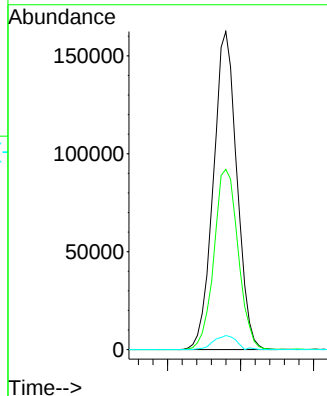
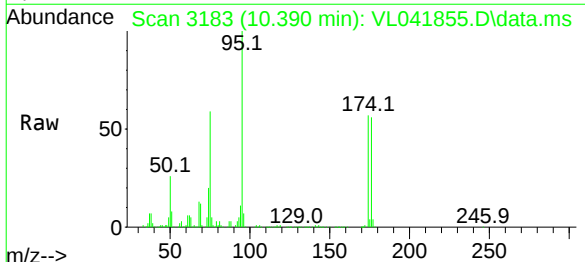
Manual Integrations
APPROVED

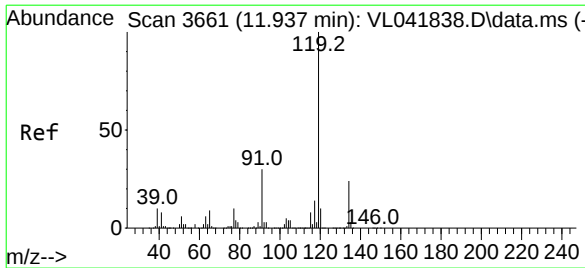
Reviewed By : Semsettin Yesilyurt 01/09/2025
Supervised By : Mahesh Dadoda 01/09/2025



#68
1-Bromo-4-Fluorobenzene
Concen: 10.264 ppbv
RT: 10.390 min Scan# 3183
Delta R.T. 0.000 min
Lab File: VL041855.D
Acq: 07 Jan 2025 21:30

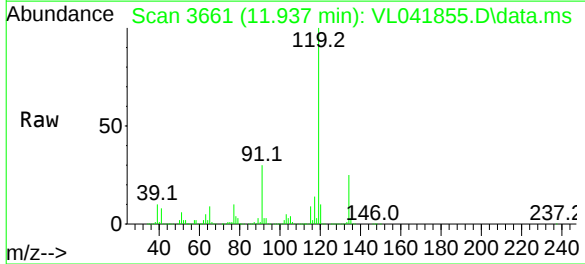
Tgt Ion: 95 Resp: 181716
Ion Ratio Lower Upper
95 100
174 58.6 47.6 71.4
175 4.4 3.8 5.6





#69
p-Isopropyltoluene
Concen: 13.191 ppbv
RT: 11.937 min Scan# 3661
Delta R.T. 0.000 min
Lab File: VL041855.D
Acq: 07 Jan 2025 21:30

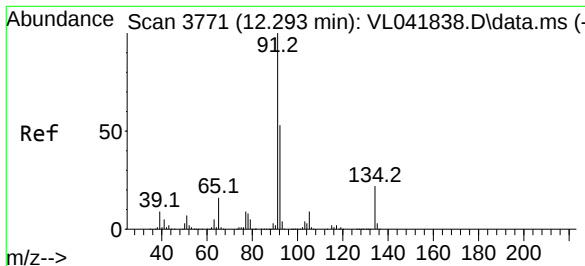
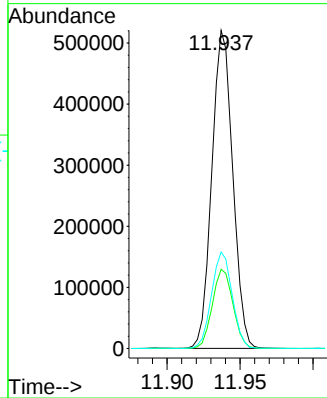
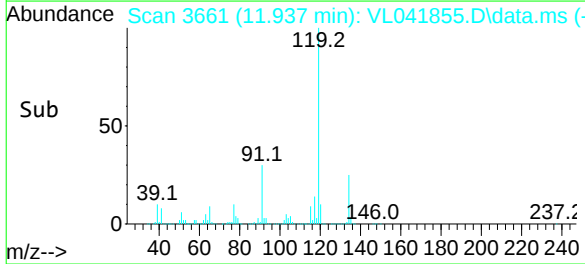
Instrument :
MSVOA_L
ClientSampleId :
VL0107ABS02



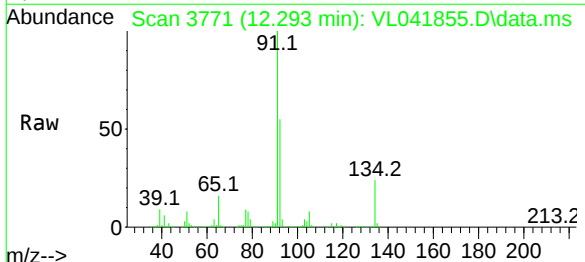
Tgt Ion: 119 Resp: 517542
Ion Ratio Lower Upper
119 100
134 24.7 19.4 29.2
91 30.2 24.0 36.0

Manual Integrations
APPROVED

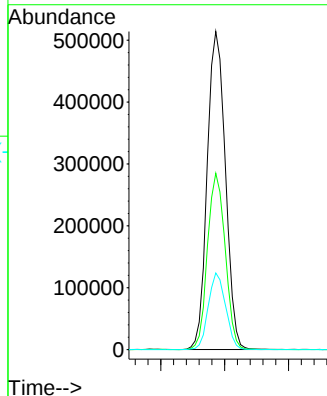
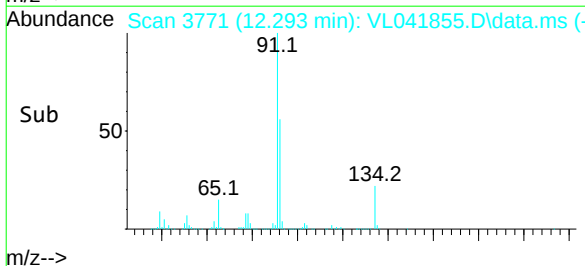
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025

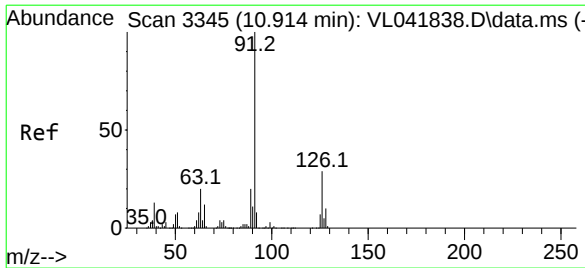


#70
n-Butylbenzene
Concen: 12.912 ppbv
RT: 12.293 min Scan# 3771
Delta R.T. 0.000 min
Lab File: VL041855.D
Acq: 07 Jan 2025 21:30



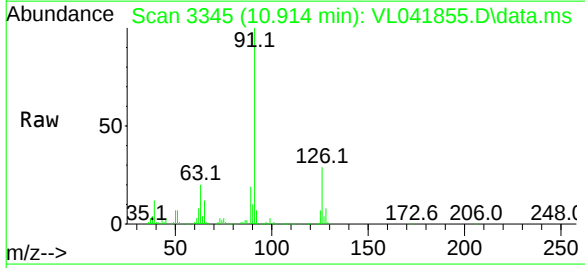
Tgt Ion: 91 Resp: 508944
Ion Ratio Lower Upper
91 100
92 54.0 42.8 64.2
134 22.9 17.8 26.6





#71
2-Chlorotoluene
Concen: 13.087 ppbv
RT: 10.914 min Scan# 3345
Delta R.T. 0.000 min
Lab File: VL041855.D
Acq: 07 Jan 2025 21:30

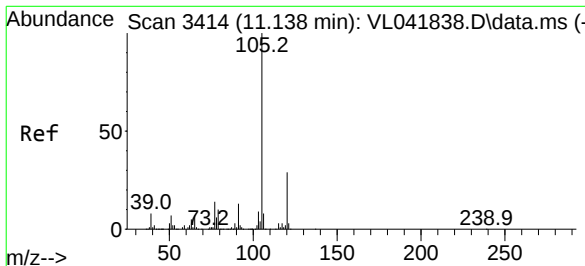
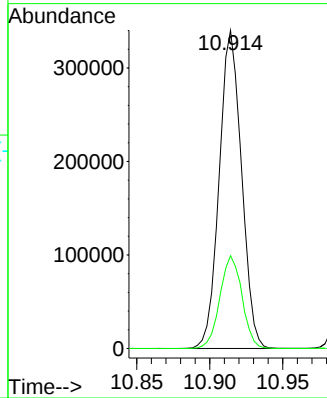
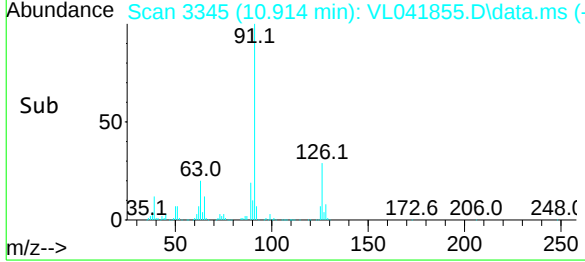
Instrument :
MSVOA_L
ClientSampleId :
VL0107ABS02



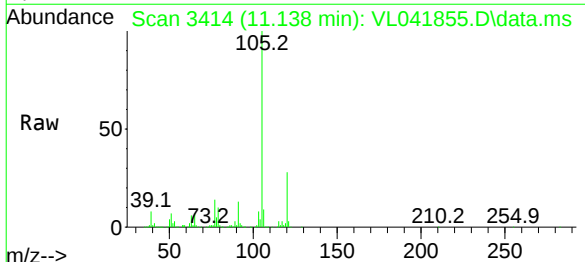
Tgt Ion: 91 Resp: 361026
Ion Ratio Lower Upper
91 100
126 28.9 11.6 46.6

Manual Integrations
APPROVED

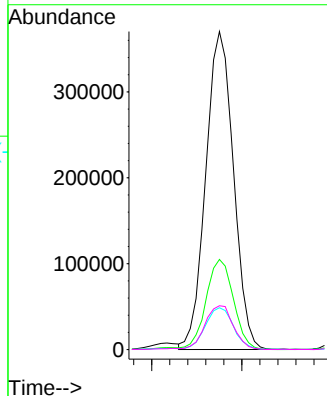
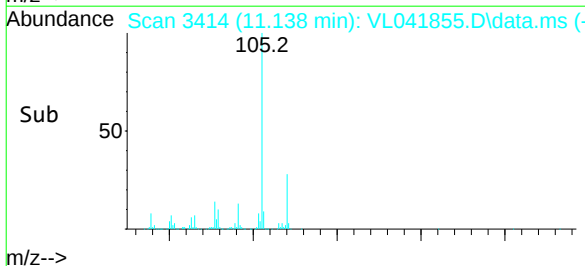
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025

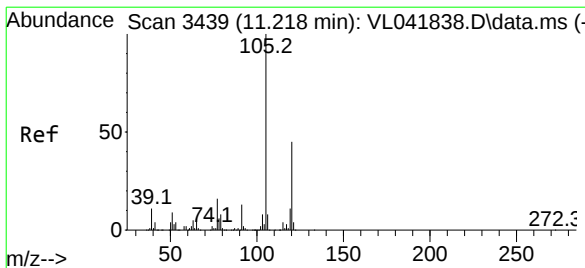


#72
4-Ethyltoluene
Concen: 13.518 ppbv
RT: 11.138 min Scan# 3414
Delta R.T. 0.000 min
Lab File: VL041855.D
Acq: 07 Jan 2025 21:30



Tgt Ion:105 Resp: 395463
Ion Ratio Lower Upper
105 100
120 28.6 23.4 35.2
91 13.8 10.8 16.2
77 14.6 11.6 17.4





#73

1,3,5-Trimethylbenzene

Concen: 13.276 ppbv

RT: 11.215 min Scan# 34

Delta R.T. -0.003 min

Lab File: VL041855.D

Acq: 07 Jan 2025 21:30

Instrument :

MSVOA_L

ClientSampleId :

VL0107ABS02

Tgt Ion:105 Resp: 340147

Ion Ratio Lower Upper

105 100

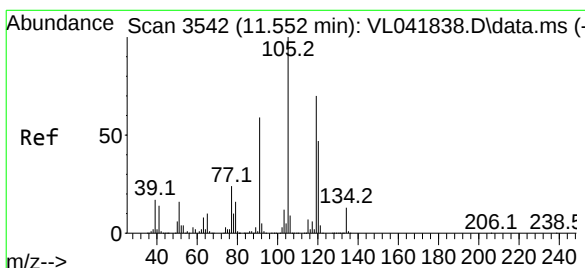
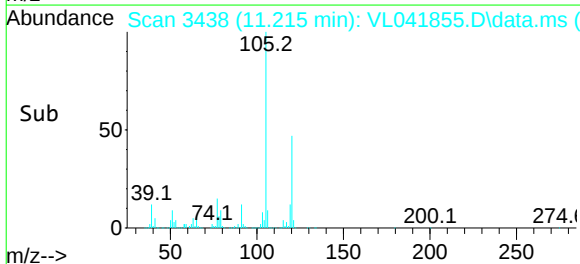
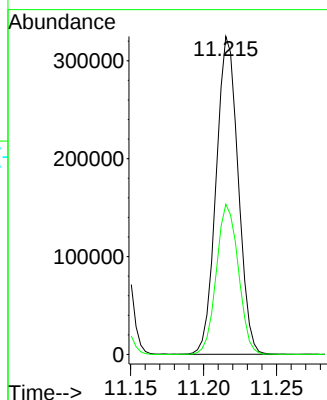
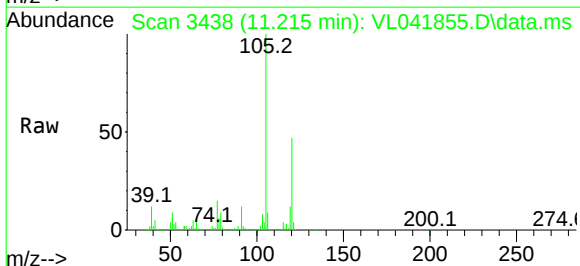
120 47.2 35.9 53.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/09/2025

Supervised By :Mahesh Dadoda 01/09/2025



#74

1,2,4-Trimethylbenzene

Concen: 12.763 ppbv

RT: 11.549 min Scan# 3541

Delta R.T. -0.003 min

Lab File: VL041855.D

Acq: 07 Jan 2025 21:30

Tgt Ion:105 Resp: 378800

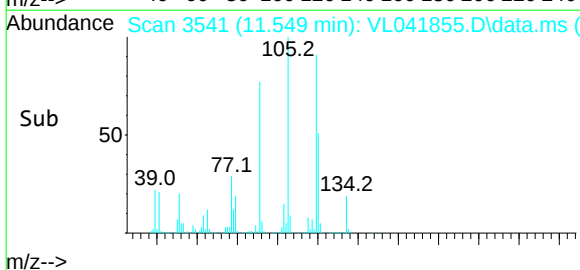
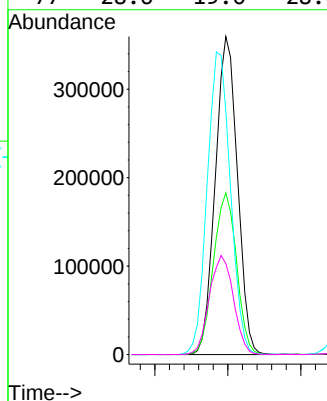
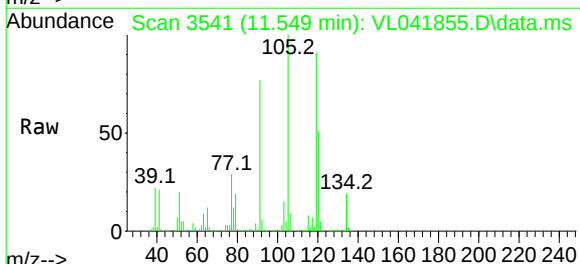
Ion Ratio Lower Upper

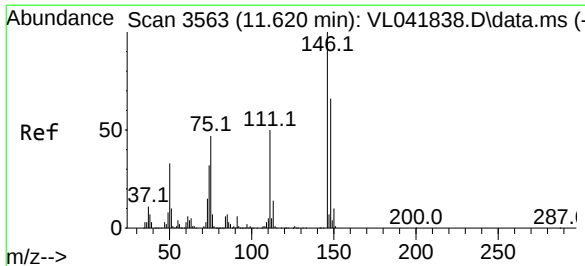
105 100

120 50.8 37.4 56.0

91 76.6 47.4 71.2#

77 28.6 19.0 28.6#





#75

1,3-Dichlorobenzene

Concen: 10.891 ppbv

RT: 11.620 min Scan# 3563

Delta R.T. 0.000 min

Lab File: VL041855.D

Acq: 07 Jan 2025 21:30

Instrument :

MSVOA_L

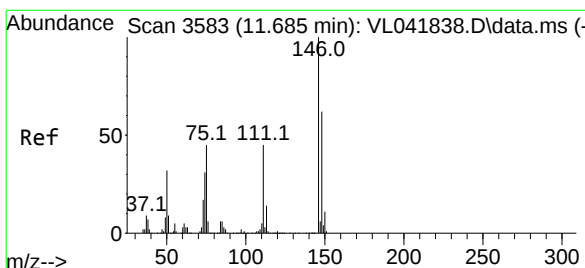
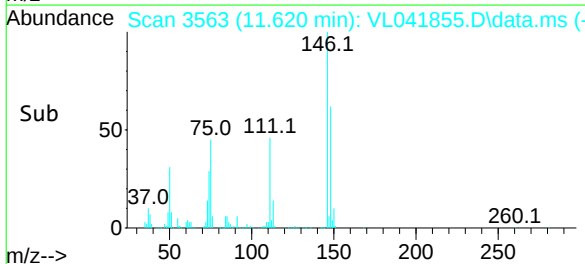
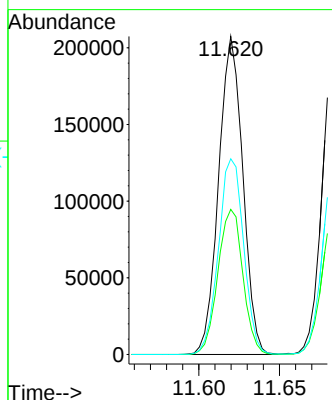
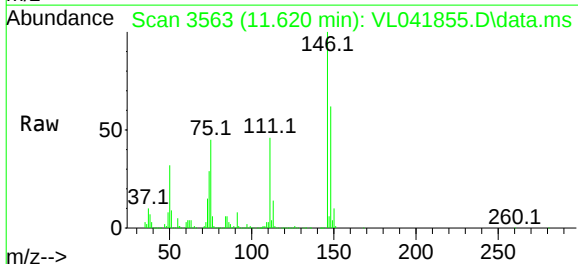
ClientSampleId :

VL0107ABS02

Tgt Ion:	146	Resp:	216345
Ion Ratio	Lower	Upper	
146	100		
111	47.2	24.1	72.2
148	64.0	32.0	96.0

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#76

1,4-Dichlorobenzene

Concen: 11.149 ppbv

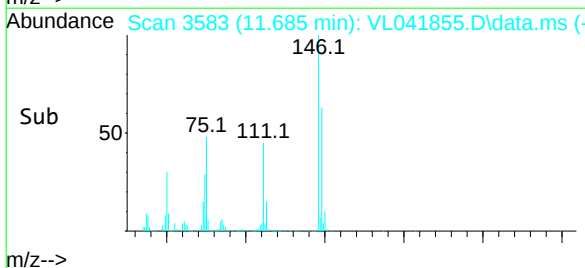
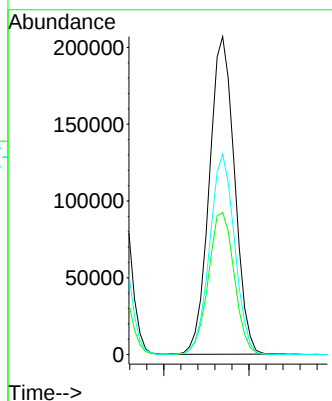
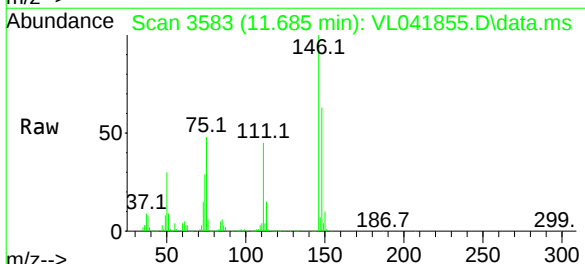
RT: 11.685 min Scan# 3583

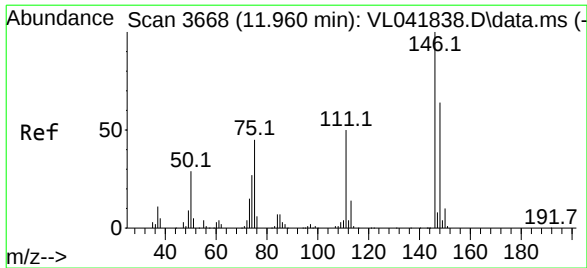
Delta R.T. 0.000 min

Lab File: VL041855.D

Acq: 07 Jan 2025 21:30

Tgt Ion:	146	Resp:	213108
Ion Ratio	Lower	Upper	
146	100		
111	46.2	23.2	69.6
148	62.6	32.1	96.3





#77

1,2-Dichlorobenzene

Concen: 10.231 ppbv

RT: 11.960 min Scan# 3668

Delta R.T. 0.000 min

Lab File: VL041855.D

Acq: 07 Jan 2025 21:30

Instrument :

MSVOA_L

ClientSampleId :

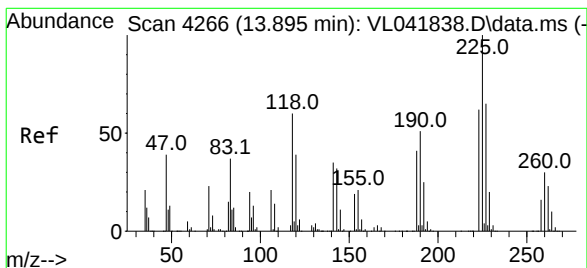
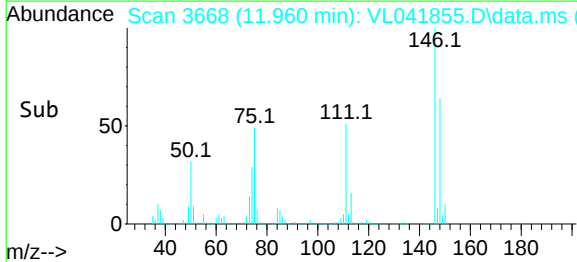
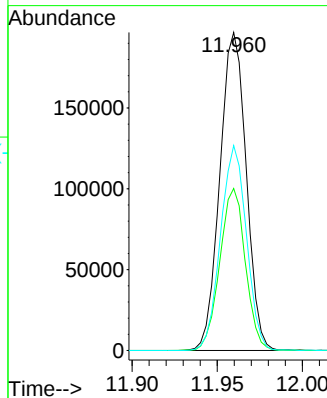
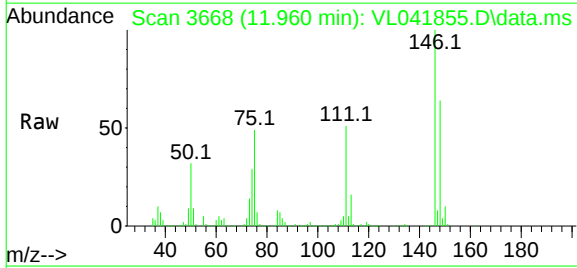
VL0107ABS02

Tgt Ion:	146	Resp:	211771
Ion	Ratio	Lower	Upper
146	100		
111	49.6	24.7	74.1
148	63.4	31.5	94.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#78

Hexachloro-1,3-Butadiene

Concen: 8.988 ppbv

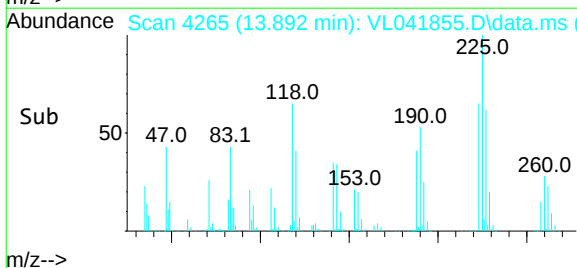
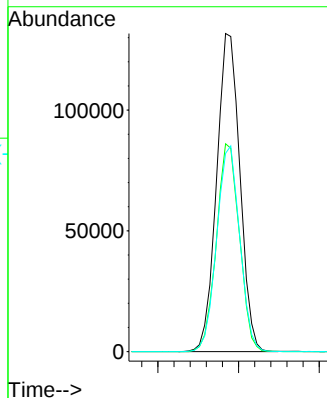
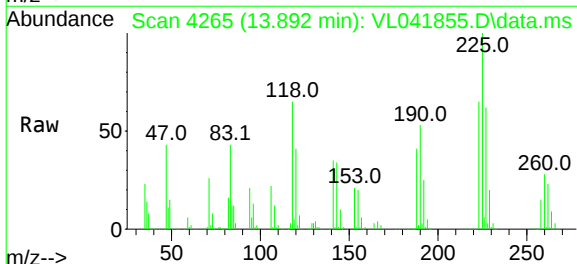
RT: 13.892 min Scan# 4265

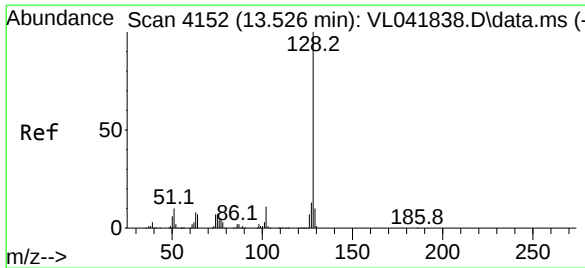
Delta R.T. -0.003 min

Lab File: VL041855.D

Acq: 07 Jan 2025 21:30

Tgt Ion:	225	Resp:	132080
Ion	Ratio	Lower	Upper
225	100		
223	64.3	50.4	75.6
227	63.9	51.2	76.8





#79

Naphthalene

Concen: 13.075 ppbv

RT: 13.526 min Scan# 4152

Delta R.T. 0.000 min

Lab File: VL041855.D

Acq: 07 Jan 2025 21:30

Instrument :

MSVOA_L

ClientSampleId :

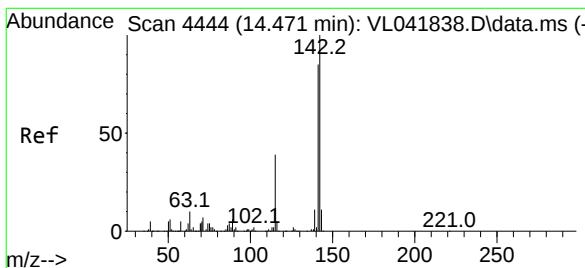
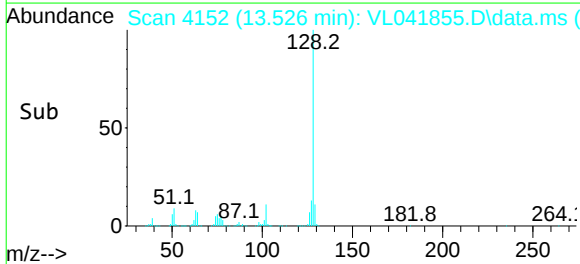
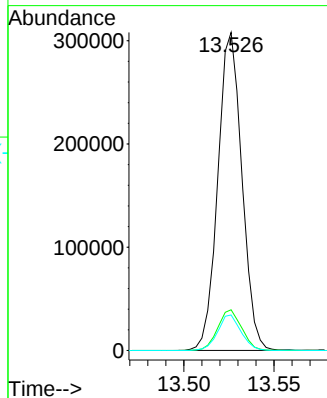
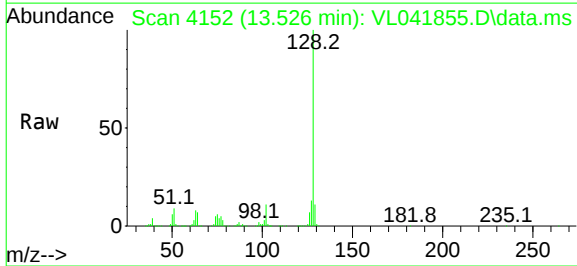
VL0107ABS02

Tgt Ion:	128	Resp:	285850
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.5	15.7
129	11.2	8.2	12.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#80

Naphthalene, 2-methyl-

Concen: 9.594 ppbv

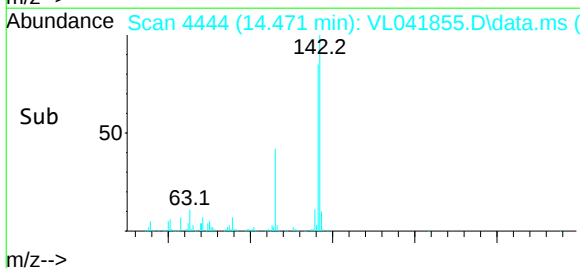
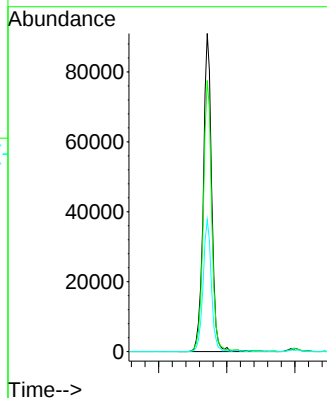
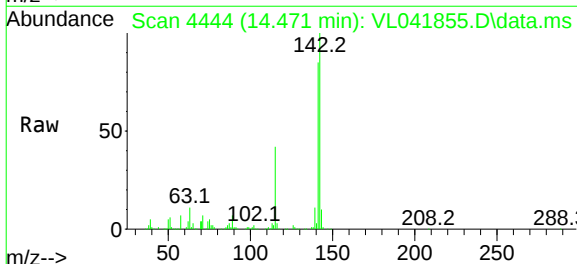
RT: 14.471 min Scan# 4444

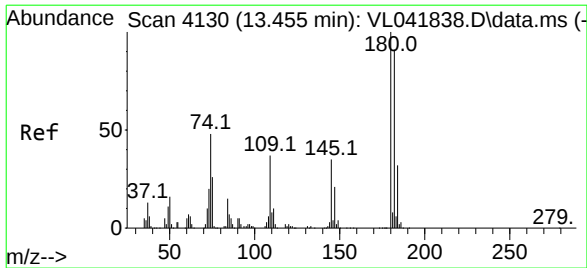
Delta R.T. 0.000 min

Lab File: VL041855.D

Acq: 07 Jan 2025 21:30

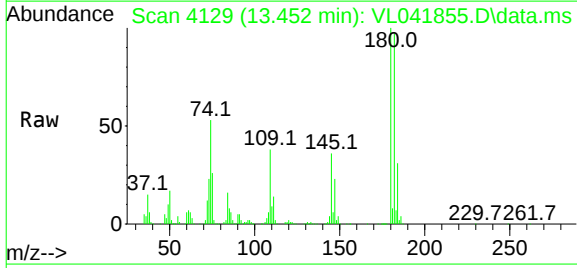
Tgt Ion:	142	Resp:	77638
Ion Ratio	Lower	Upper	
142	100		
141	86.2	67.8	101.8
115	41.6	32.6	48.8





#81
1,2,4-Trichlorobenzene
Concen: 10.626 ppbv
RT: 13.452 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL041855.D
Acq: 07 Jan 2025 21:30

Instrument :
MSVOA_L
ClientSampleId :
VL0107ABS02



Tgt	Ion	Ratio	Lower	Upper
180	180	100		
182	95.2		75.9	113.9
184	30.6		24.8	37.2

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025

