

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL010725\
 Data File : VL041839.D
 Acq On : 07 Jan 2025 09:51
 Operator : SY/MD
 Sample : VSTDICC002
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC002

Manual Integrations
 APPROVED

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

Quant Time: Jan 08 01:20:39 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 01:18:22 2025

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.800	49	100639	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.978	114	241263	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.901	117	201824	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	10.393	95	172685	9.990	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.900%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.502	85	32740	1.983	ppbv	100
3) Chlorodifluoromethane	1.479	51	32152	2.038	ppbv	98
4) Chloromethane	1.537	50	13584	2.000	ppbv	98
5) Vinyl Chloride	1.586	62	12222	1.785	ppbv	91
6) Bromomethane	1.673	94	6017	2.051	ppbv	95
7) Chloroethane	1.709	64	5296	2.009	ppbv	92
8) Dichlorotetrafluoroethane	1.560	85	29417	2.065	ppbv	99
9) Propene	1.489	41	11376	2.071	ppbv	98
10) Heptane	5.007	43	27280	2.010	ppbv	95
11) Trichlorofluoromethane	1.884	101	33615	2.002	ppbv	96
12) 1,1,2-Trichlorotrifluo...	2.149	101	25132	2.010	ppbv	99
13) Ethanol	1.728	45	1379	2.184	ppbv	71
14) Bromoethene	1.787	108	8576	2.095	ppbv #	92
15) Acetone	1.842	43	40213	2.170	ppbv	99
16) 1,3-Butadiene	1.615	39	14169	1.950	ppbv	100
17) tert-Butyl alcohol	2.049	59	32475	2.023	ppbv	98
18) 1,1-Dichloroethene	2.042	96	10673	2.039	ppbv	86
19) Isopropyl Alcohol	1.894	45	17352	1.995	ppbv #	1
20) Methylene Chloride	2.068	84	10459	1.975	ppbv #	93
21) Allyl Chloride	2.104	41	19269	2.019	ppbv	96
22) trans-1,2-Dichloroethene	2.350	96	12050	2.059	ppbv	95
23) Vinyl Acetate	2.470	43	12341	2.077	ppbv #	95
24) 1,1-Dichloroethane	2.418	63	26237	2.049	ppbv	100
25) Ethyl Acetate	2.852	43	65149	2.097	ppbv	100
26) Hexane	2.839	57	21758	2.018	ppbv	89
27) Carbon Disulfide	2.159	76	19626	1.918	ppbv #	59
28) Methyl tert-Butyl Ether	2.450	73	15614	1.921	ppbv	97
29) Chloroform	2.861	83	40969	2.045	ppbv	98
30) Cyclohexane	3.874	84	16235	1.984	ppbv	97
31) cis-1,2-Dichloroethene	2.732	61	22729	2.048	ppbv	98
32) 1,1,1-Trichloroethane	3.382	97	34505	1.901	ppbv	98
34) 2-Butanone	2.570	43	38624	2.032	ppbv	99
35) Carbon Tetrachloride	3.780	117	34059	1.868	ppbv	97
36) Benzene	3.674	78	46253	2.007	ppbv	98
37) 1,2-Dichloroethane	3.233	62	30190	1.993	ppbv	100
38) Trichloroethene	4.570	130	17434	1.930	ppbv #	91
39) 1,2-Dichloropropane	4.337	63	17446	1.957	ppbv	96
40) 1,4-Dioxane	4.612	88	6895m	1.996	ppbv	
41) Tetrahydrofuran	3.075	42	16912	1.888	ppbv	100
42) Bromodichloromethane	4.515	83	34494	1.941	ppbv	94
43) Methyl Methacrylate	4.907	69	13160	1.818	ppbv	96
44) 2,2,4-Trimethylpentane	4.661	57	78928	2.078	ppbv	97
45) t-1,3-Dichloropropene	6.441	75	12917m	1.828	ppbv	

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL010725\
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Instrument :
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 ClientSampleId :
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Manual Integrations
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Reviewed By : Semsettin Yesilyurt 01/09/2025
 Supervised By : Mahesh Dadoda 01/09/2025

Quant Time: Jan 08 01:20:39 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 01:18:22 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.638	75	17267m	1.858	ppbv	
47) 1,1,2-Trichloroethane	6.609	97	18220	1.932	ppbv	91
48) Dibromochloromethane	7.412	129	23291	1.940	ppbv	96
49) Bromoform	9.500	173	17754	1.846	ppbv	99
50) 4-Methyl-2-Pentanone	5.797	43	41290m	1.881	ppbv	
51) 2-Hexanone	7.464	43	30631	1.842	ppbv #	96
52) Tetrachloroethene	8.244	164	14518	2.124	ppbv	95
53) Toluene	6.956	91	38482	1.874	ppbv	99
54) 1,2-Dibromoethane	7.671	107	22893	1.983	ppbv	99
56) 1,1,1,2-Tetrachloroethane	8.943	131	23388	2.033	ppbv	98
57) Chlorobenzene	8.940	112	41759	1.980	ppbv	97
58) Ethyl Benzene	9.373	91	51733	1.881	ppbv	98
59) m/p-Xylene	9.568	91	101552m	4.180	ppbv	
60) o-Xylene	9.979	91	49709	2.105	ppbv	98
61) Styrene	9.888	104	15487	1.690	ppbv	99
62) Isopropylbenzene	10.555	105	75283	2.029	ppbv	99
63) 1,1,2,2-Tetrachloroethane	9.979	83	40760	1.968	ppbv	99
64) n-propylbenzene	11.005	120	19823	2.082	ppbv	94
65) tert-Butylbenzene	11.545	119	74996	2.243	ppbv	99
66) Benzyl Chloride	11.629	91	5086m	1.820	ppbv	
67) sec-Butylbenzene	11.781	105	107222	2.198	ppbv	98
69) p-Isopropyltoluene	11.940	119	83161	2.171	ppbv	99
70) n-Butylbenzene	12.296	91	84529	2.197	ppbv	99
71) 2-Chlorotoluene	10.917	91	53695	1.994	ppbv	100
72) 4-Ethyltoluene	11.141	105	58453	2.047	ppbv	98
73) 1,3,5-Trimethylbenzene	11.218	105	51583	2.062	ppbv	99
74) 1,2,4-Trimethylbenzene	11.548	105	65350	2.255	ppbv #	85
75) 1,3-Dichlorobenzene	11.620	146	40038	2.064	ppbv	99
76) 1,4-Dichlorobenzene	11.684	146	38915	2.085	ppbv	97
77) 1,2-Dichlorobenzene	11.963	146	42869	2.121	ppbv	99
78) Hexachloro-1,3-Butadiene	13.895	225	31681	2.208	ppbv	98
79) Naphthalene	13.526	128	52334	2.452	ppbv	99
80) Naphthalene,2-methyl-	14.474	142	15888	2.011	ppbv	99
81) 1,2,4-Trichlorobenzene	13.455	180	26499	2.240	ppbv	99

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

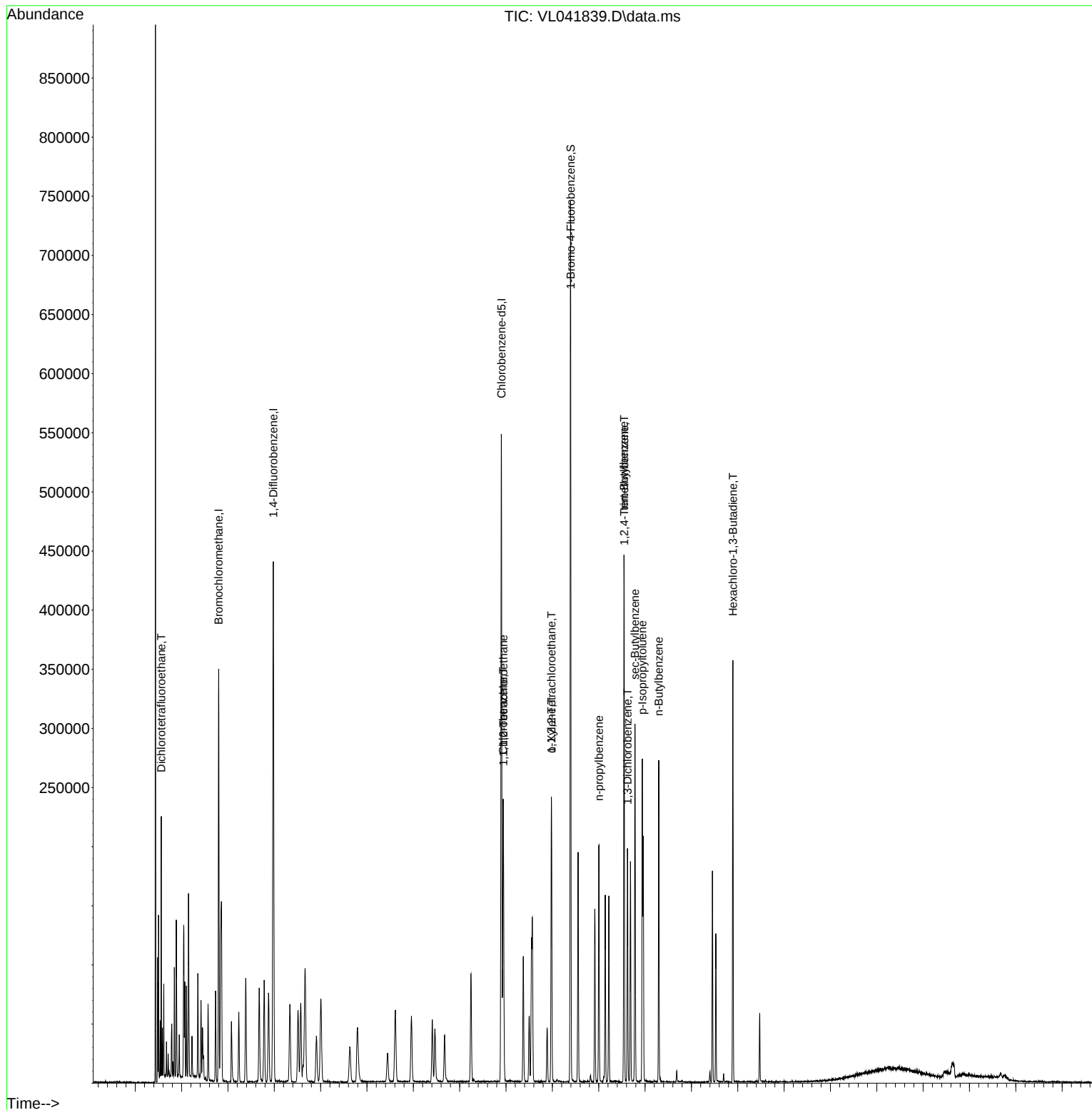
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL010725\
Data File : VL041839.D
Acq On : 07 Jan 2025 09:51
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Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

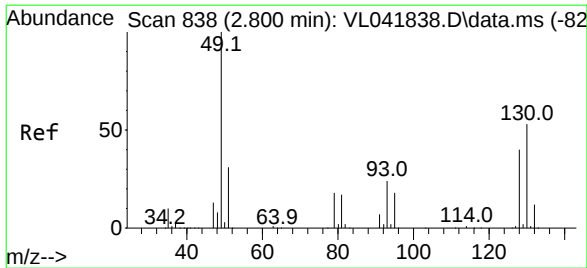
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

Quant Time: Jan 08 01:20:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL010725AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug
QLast Update : Wed Jan 08 01:18:22 2025
Response via : Initial Calibration

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





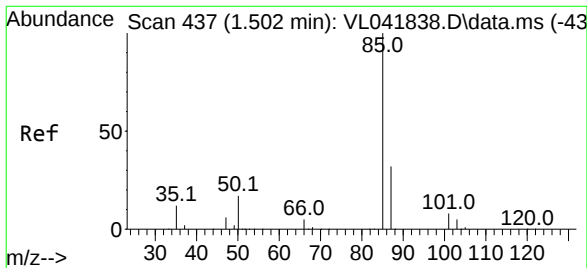
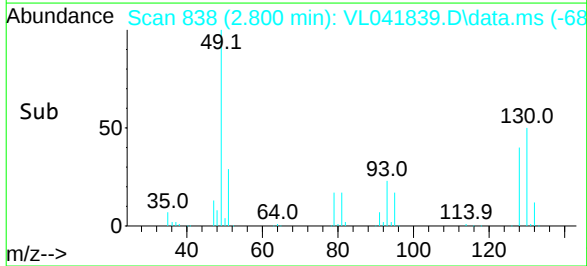
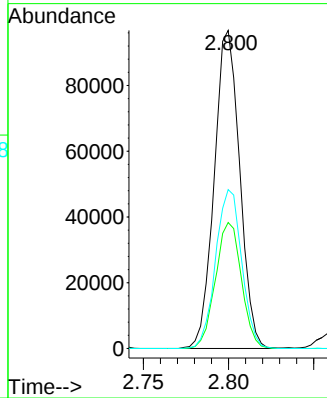
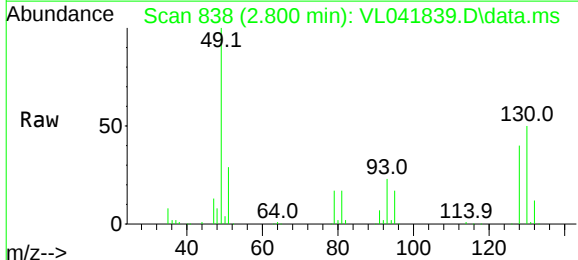
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Bromochloromethane
Concen: 10.000 ppbv
RT: 2.800 min Scan# 838
Delta R.T. -0.000 min
Lab File: VL041839.D
Acq: 07 Jan 2025 09:51

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 49 Resp: 100639
Ion Ratio Lower Upper
49 100
128 40.3 19.7 59.1
130 51.1 26.4 79.2

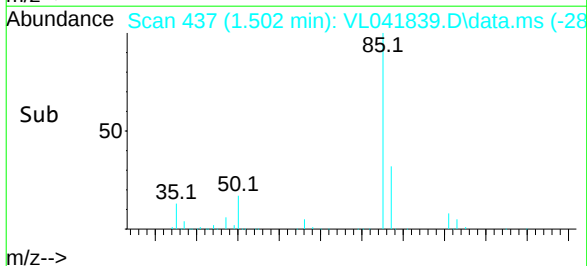
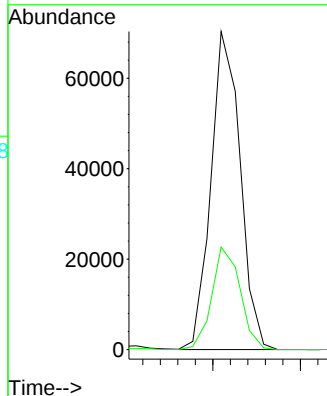
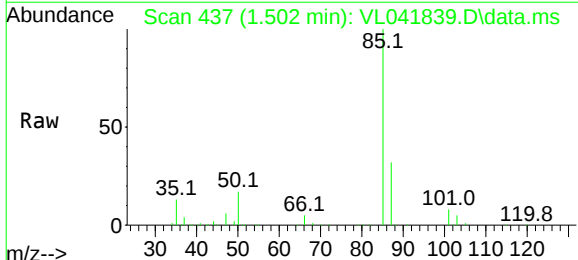
Manual Integrations
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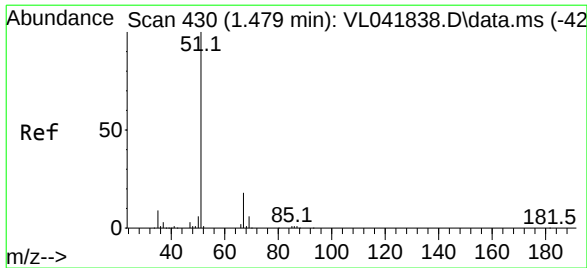
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#2
Dichlorodifluoromethane
Concen: 1.983 ppbv
RT: 1.502 min Scan# 437
Delta R.T. -0.000 min
Lab File: VL041839.D
Acq: 07 Jan 2025 09:51

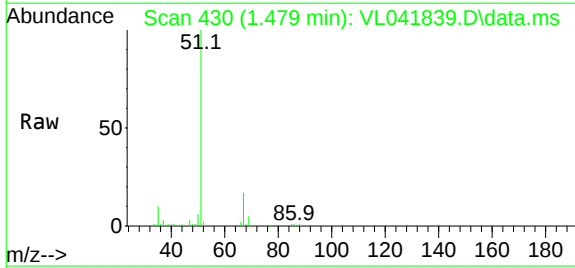
Tgt Ion: 85 Resp: 32740
Ion Ratio Lower Upper
85 100
87 32.3 25.6 38.4





#3
Chlorodifluoromethane
Concen: 2.038 ppbv
RT: 1.479 min Scan# 430
Delta R.T. -0.000 min
Lab File: VL041839.D
Acq: 07 Jan 2025 09:51

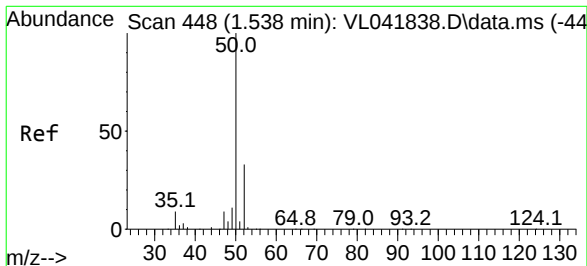
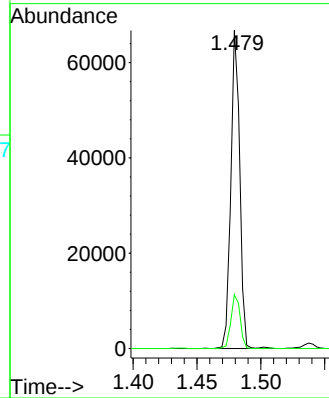
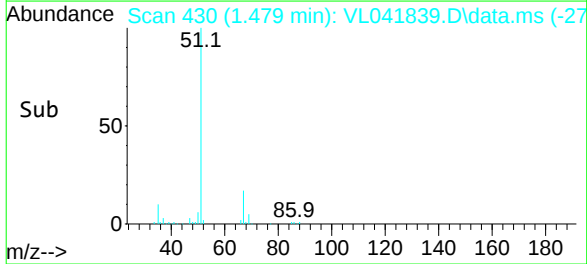
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



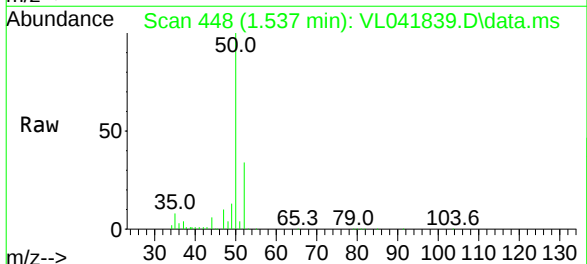
Tgt Ion: 51 Resp: 32152
Ion Ratio Lower Upper
51 100
67 17.4 14.6 22.0

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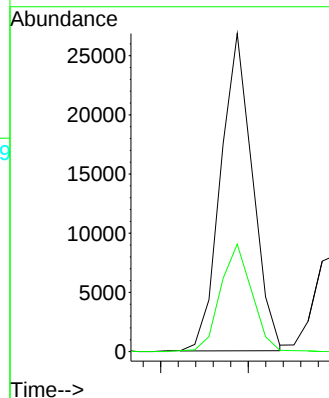
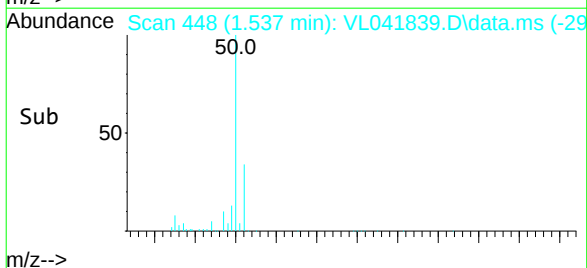
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025

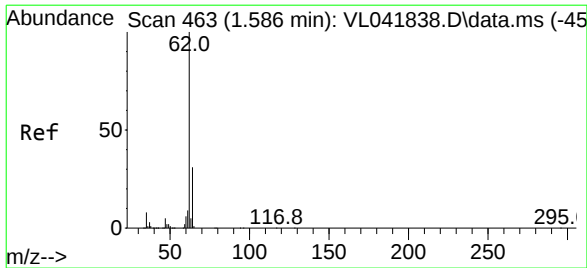


#4
Chloromethane
Concen: 2.000 ppbv
RT: 1.537 min Scan# 448
Delta R.T. -0.000 min
Lab File: VL041839.D
Acq: 07 Jan 2025 09:51



Tgt Ion: 50 Resp: 13584
Ion Ratio Lower Upper
50 100
52 33.6 26.1 39.1





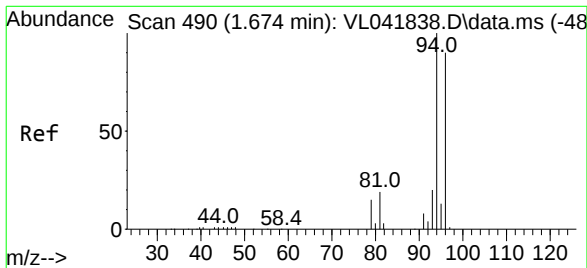
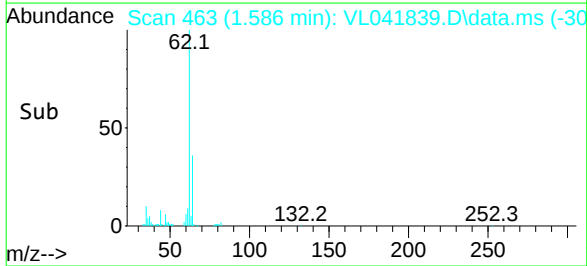
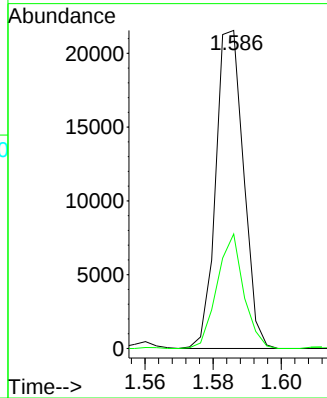
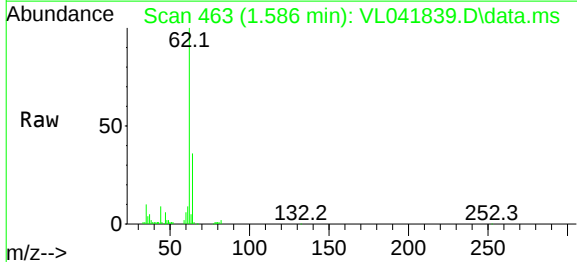
#5
 Vinyl Chloride
 Concen: 1.785 ppbv
 RT: 1.586 min Scan# 463
 Delta R.T. -0.000 min
 Lab File: VL041839.D
 Acq: 07 Jan 2025 09:51

Instrument : MSVOA_L
 ClientSampleId : VSTDIC002

Tgt Ion: 62 Resp: 12222
 Ion Ratio Lower Upper
 62 100
 64 36.0 24.9 37.3

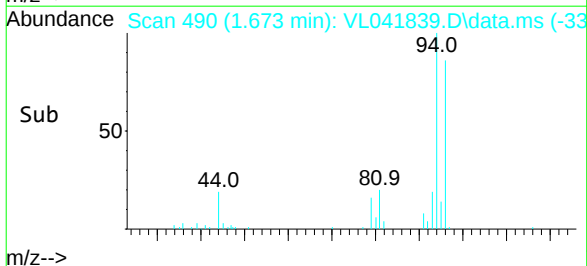
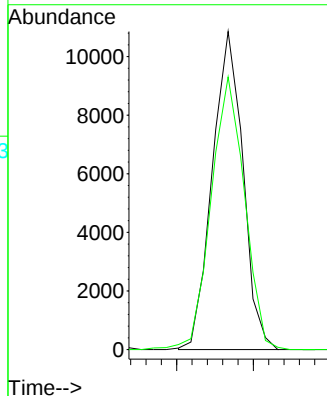
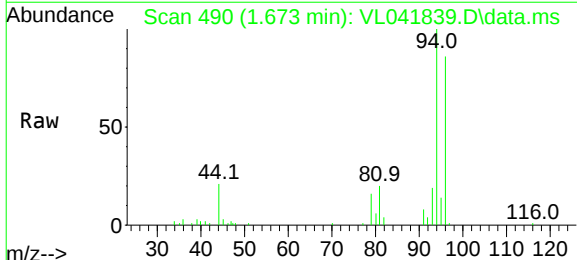
Manual Integrations
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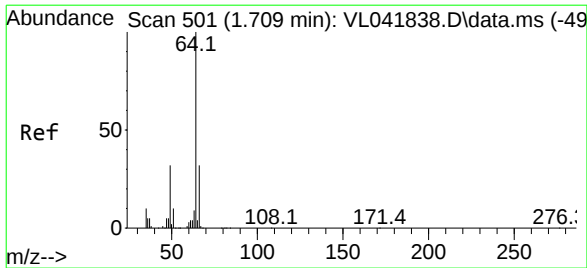
Reviewed By :Semsettin Yesilyurt 01/09/2025
 Supervised By :Mahesh Dadoda 01/09/2025



#6
 Bromomethane
 Concen: 2.051 ppbv
 RT: 1.673 min Scan# 490
 Delta R.T. -0.000 min
 Lab File: VL041839.D
 Acq: 07 Jan 2025 09:51

Tgt Ion: 94 Resp: 6017
 Ion Ratio Lower Upper
 94 100
 96 85.0 72.0 108.0





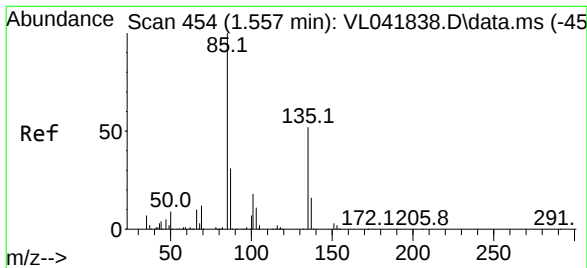
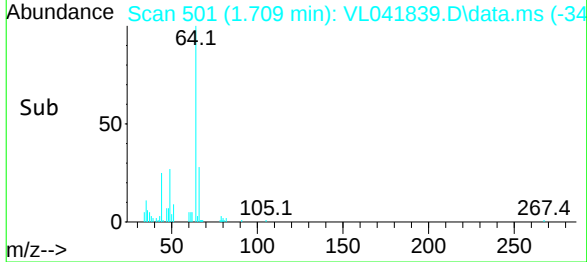
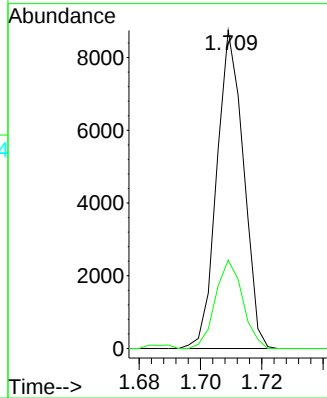
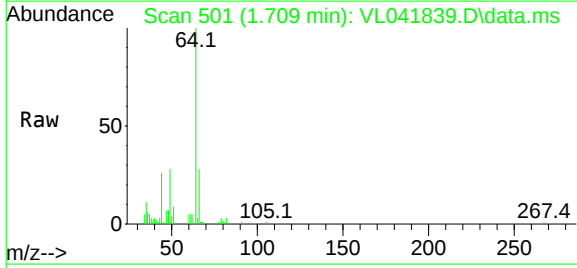
#7
Chloroethane
Concen: 2.009 ppbv
RT: 1.709 min Scan# 501
Delta R.T. -0.000 min
Lab File: VL041839.D
Acq: 07 Jan 2025 09:51

Instrument : MSVOA_L
ClientSampleId : VSTDIC002

Tgt Ion: 64 Resp: 5296
Ion Ratio Lower Upper
64 100
66 27.8 25.6 38.4

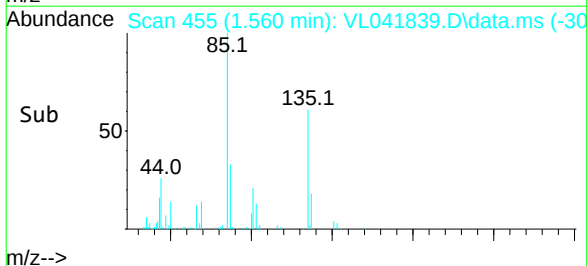
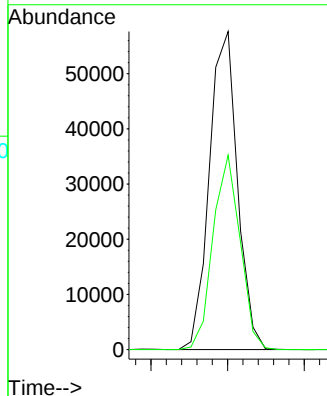
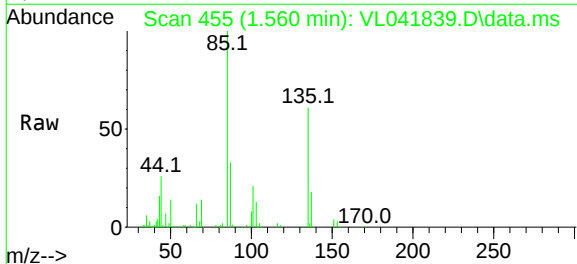
Manual Integrations
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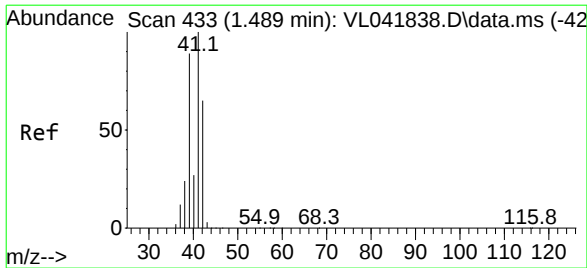
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#8
Dichlorotetrafluoroethane
Concen: 2.065 ppbv
RT: 1.560 min Scan# 455
Delta R.T. 0.003 min
Lab File: VL041839.D
Acq: 07 Jan 2025 09:51

Tgt Ion: 85 Resp: 29417
Ion Ratio Lower Upper
85 100
135 58.9 47.9 71.9





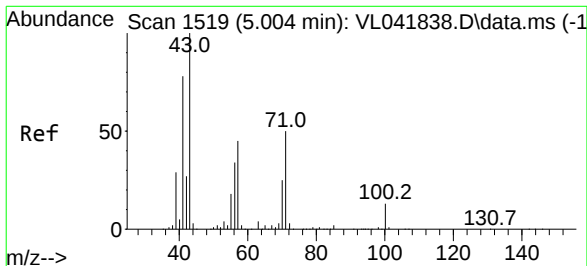
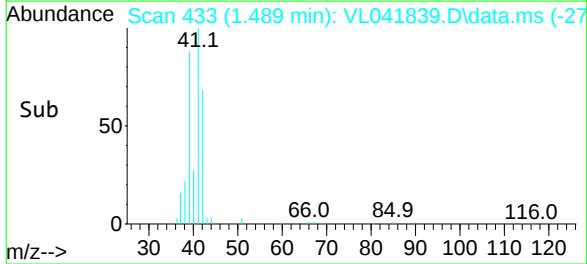
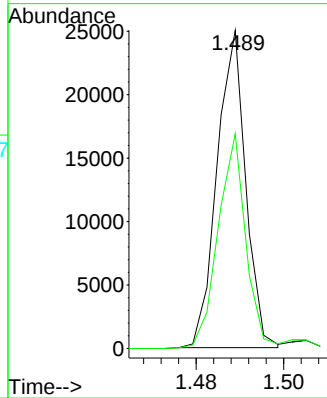
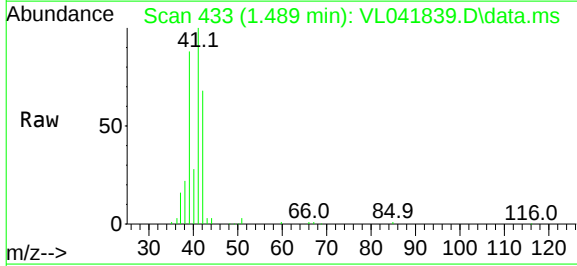
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Propene
Concen: 2.071 ppbv
RT: 1.489 min Scan# 43
Delta R.T. -0.000 min
Lab File: VL041839.D
Acq: 07 Jan 2025 09:51

Instrument : MSVOA_L
ClientSampleId : VSTDIC002

Tgt Ion: 41 Resp: 11376
Ion Ratio Lower Upper
41 100
42 69.2 53.9 80.9

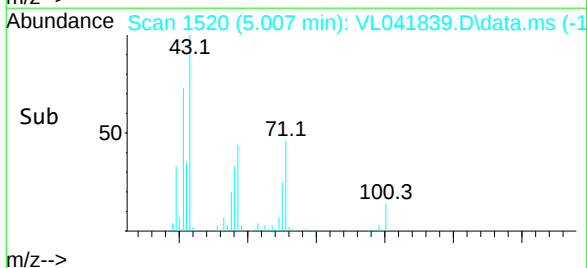
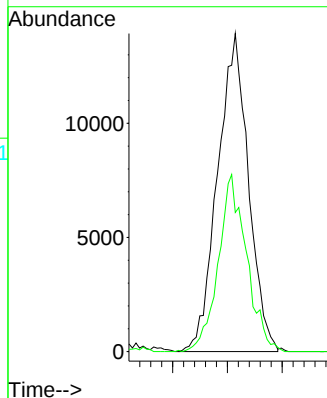
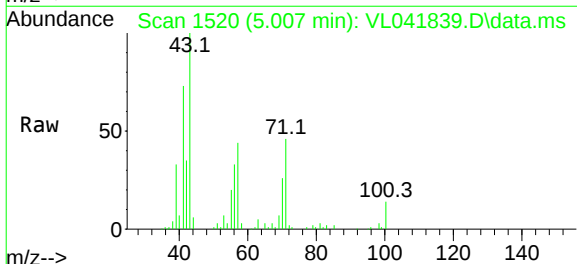
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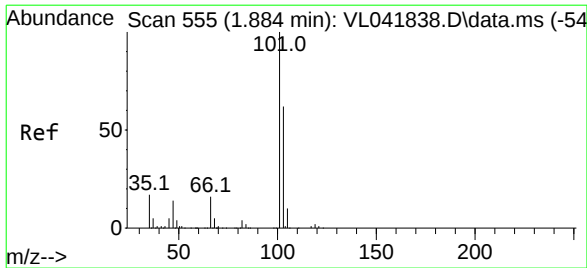
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#10
Heptane
Concen: 2.010 ppbv
RT: 5.007 min Scan# 1520
Delta R.T. 0.003 min
Lab File: VL041839.D
Acq: 07 Jan 2025 09:51

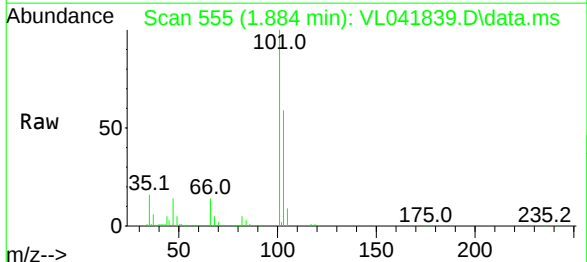
Tgt Ion: 43 Resp: 27280
Ion Ratio Lower Upper
43 100
57 50.8 37.8 56.6





#11
Trichlorofluoromethane
Concen: 2.002 ppbv
RT: 1.884 min Scan# 555
Delta R.T. -0.000 min
Lab File: VL041839.D
Acq: 07 Jan 2025 09:51

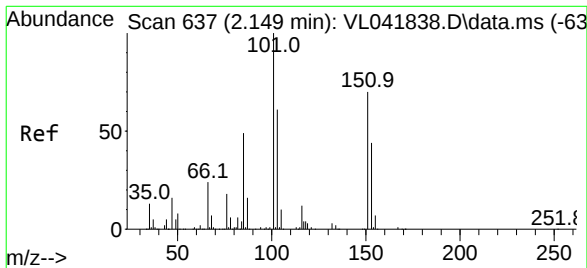
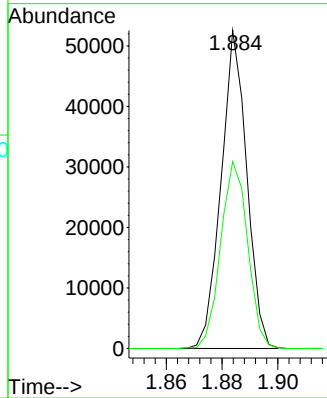
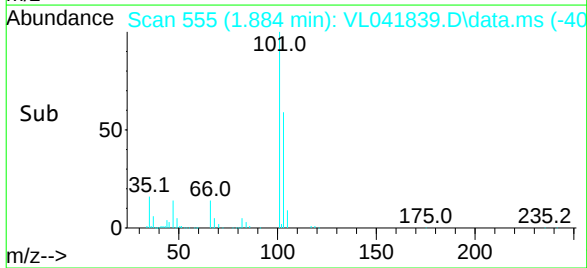
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



Tgt Ion:101 Resp: 33615
Ion Ratio Lower Upper
101 100
103 58.8 49.4 74.0

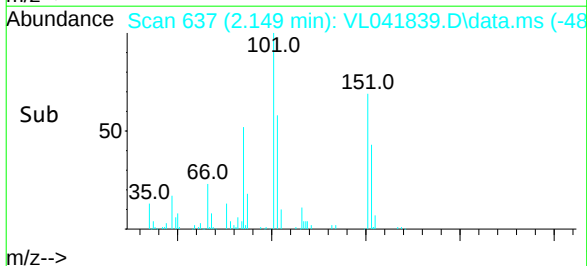
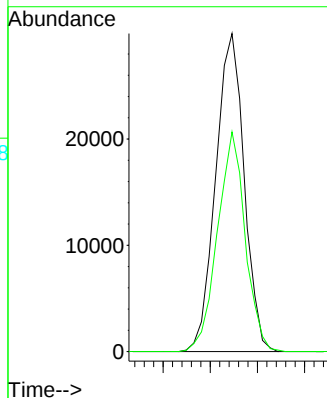
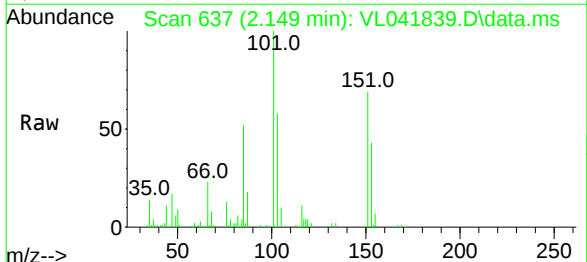
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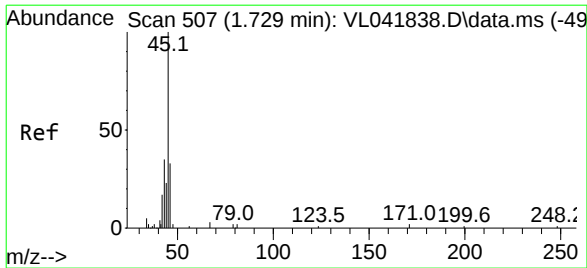
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#12
1,1,2-Trichlorotrifluoroethane
Concen: 2.010 ppbv
RT: 2.149 min Scan# 637
Delta R.T. -0.000 min
Lab File: VL041839.D
Acq: 07 Jan 2025 09:51

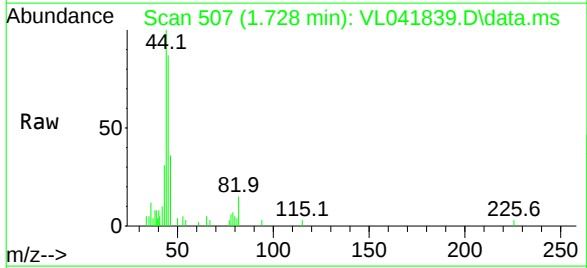
Tgt Ion:101 Resp: 25132
Ion Ratio Lower Upper
101 100
151 67.2 53.2 79.8





#13
Ethanol
Concen: 2.184 ppbv
RT: 1.728 min Scan# 507
Delta R.T. -0.000 min
Lab File: VL041839.D
Acq: 07 Jan 2025 09:51

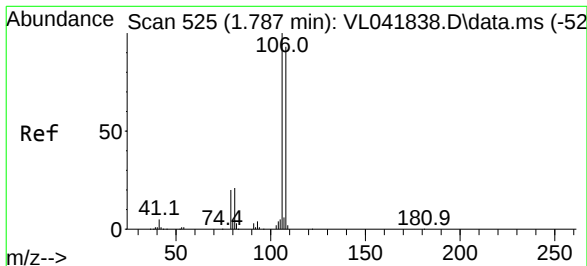
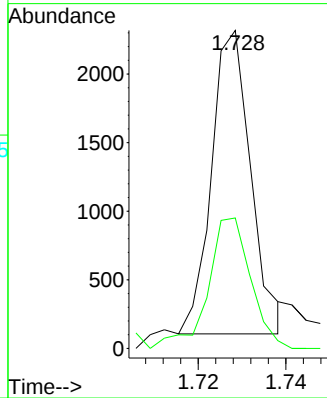
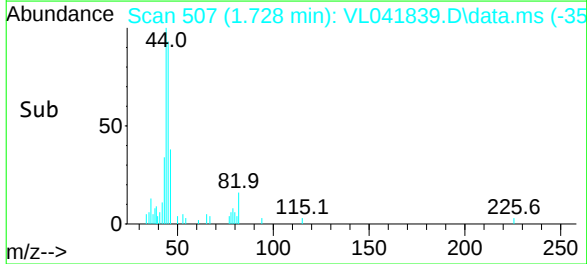
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



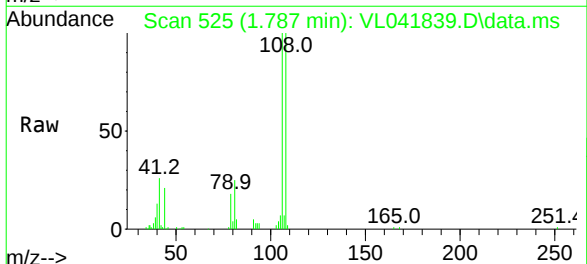
Tgt Ion: 45 Resp: 1379
Ion Ratio Lower Upper
45 100
46 53.5 14.6 58.2

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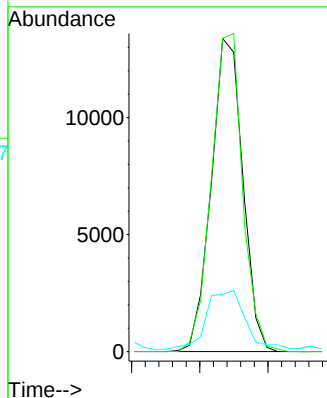
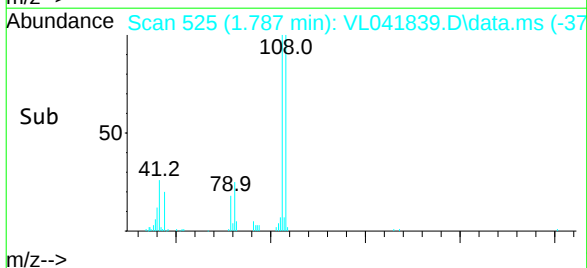
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025

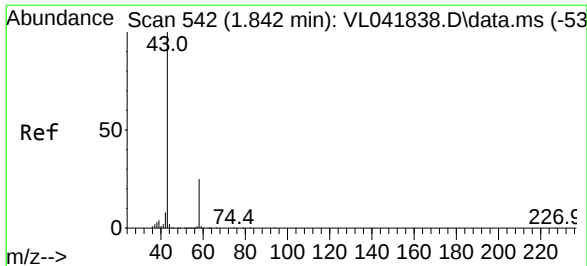


#14
Bromoethene
Concen: 2.095 ppbv
RT: 1.787 min Scan# 525
Delta R.T. -0.000 min
Lab File: VL041839.D
Acq: 07 Jan 2025 09:51



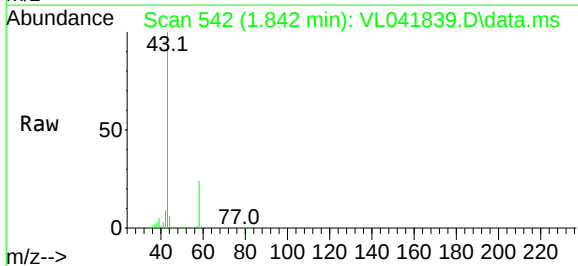
Tgt Ion:108 Resp: 8576
Ion Ratio Lower Upper
108 100
106 101.1 84.6 126.8
79 35.4 18.3 27.5#





#15
Acetone
Concen: 2.170 ppbv
RT: 1.842 min Scan# 541
Delta R.T. -0.000 min
Lab File: VL041839.D
Acq: 07 Jan 2025 09:51

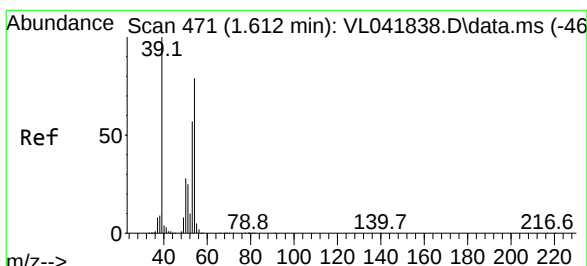
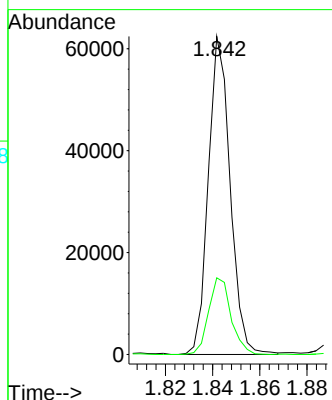
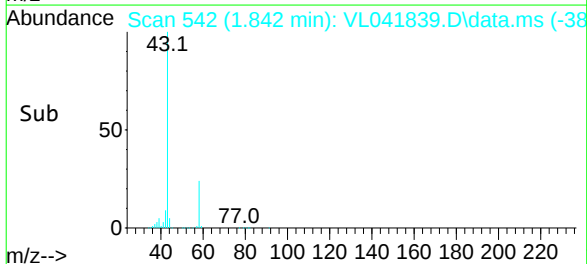
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



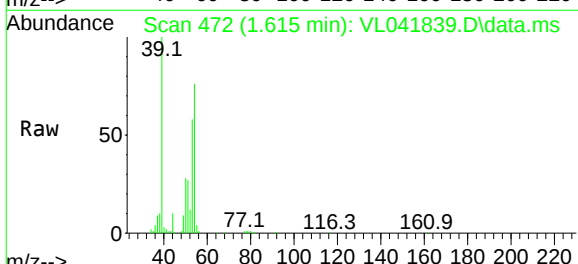
Tgt Ion: 43 Resp: 40213
Ion Ratio Lower Upper
43 100
58 24.9 20.2 30.4

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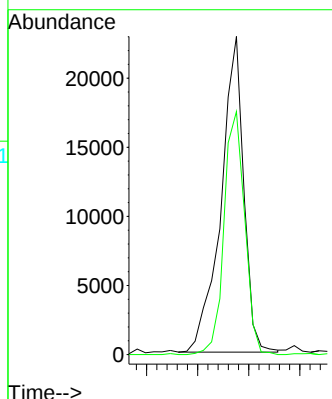
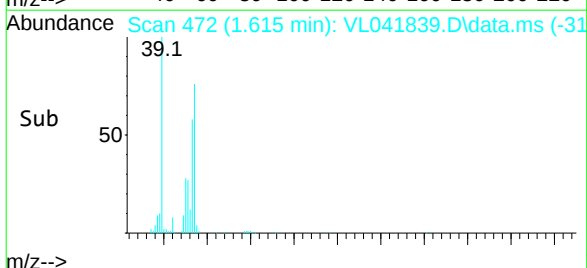
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025

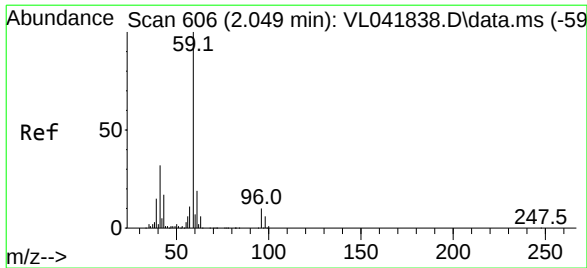


#16
1,3-Butadiene
Concen: 1.950 ppbv
RT: 1.615 min Scan# 472
Delta R.T. 0.003 min
Lab File: VL041839.D
Acq: 07 Jan 2025 09:51



Tgt Ion: 39 Resp: 14169
Ion Ratio Lower Upper
39 100
54 70.2 56.2 84.4





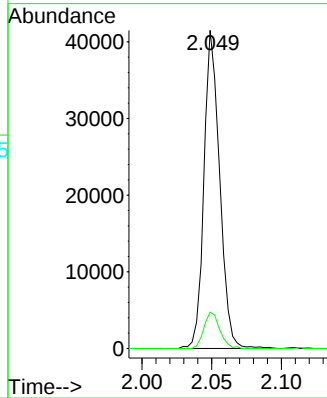
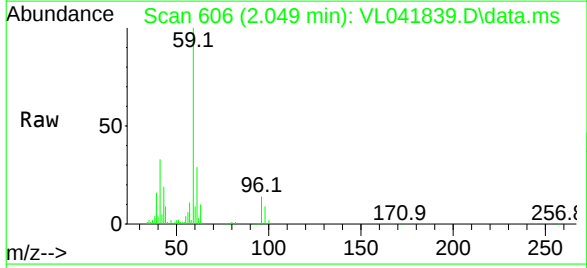
#17
tert-Butyl alcohol
Concen: 2.023 ppbv
RT: 2.049 min Scan# 606
Delta R.T. -0.000 min
Lab File: VL041839.D
Acq: 07 Jan 2025 09:51

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

Tgt Ion: 59 Resp: 32475
Ion Ratio Lower Upper
59 100
57 11.5 8.6 13.0

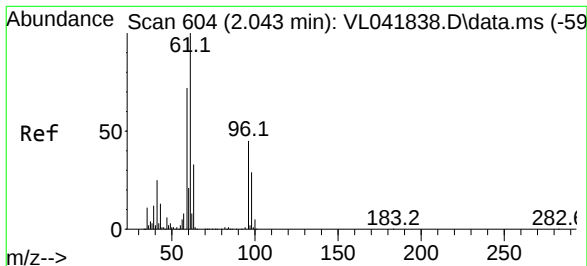
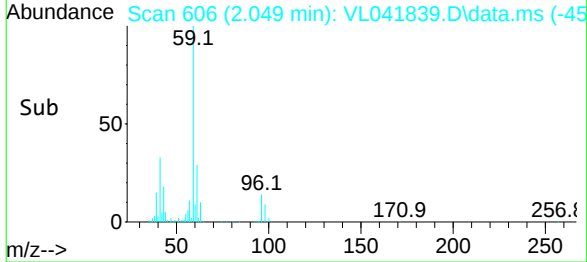
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Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



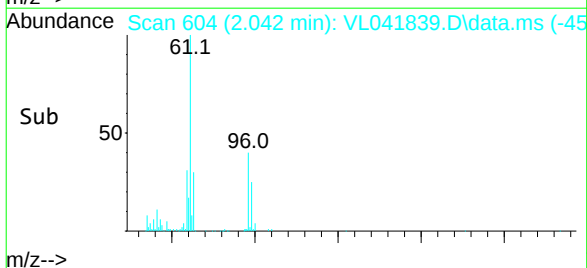
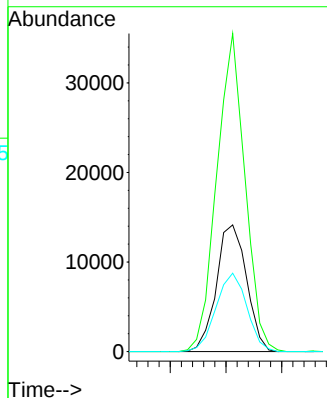
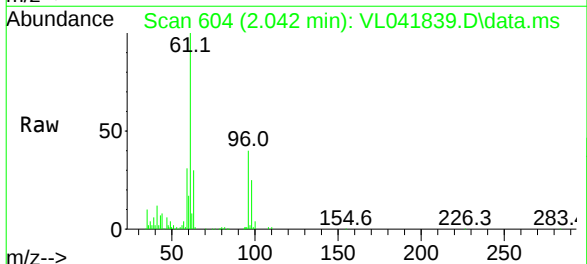
01/09/2025
Supervised By :Mahesh
Dadoda

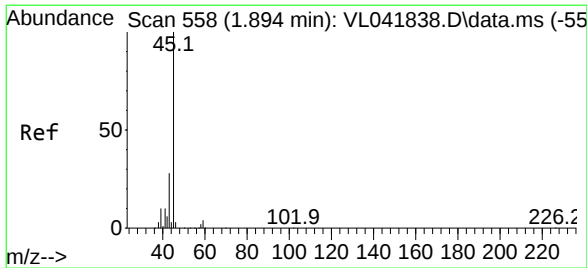
01/09/2025



#18
1,1-Dichloroethene
Concen: 2.039 ppbv
RT: 2.042 min Scan# 604
Delta R.T. -0.000 min
Lab File: VL041839.D
Acq: 07 Jan 2025 09:51

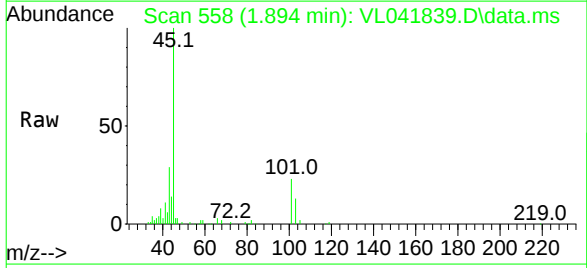
Tgt Ion: 96 Resp: 10673
Ion Ratio Lower Upper
96 100
61 251.0 179.2 268.8
98 61.9 51.6 77.4





#19
Isopropyl Alcohol
Concen: 1.995 ppbv
RT: 1.894 min Scan# 558
Delta R.T. -0.000 min
Lab File: VL041839.D
Acq: 07 Jan 2025 09:51

Instrument : MSVOA_L
ClientSampleId : VSTDIC002



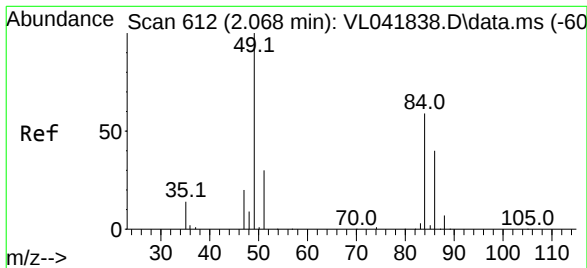
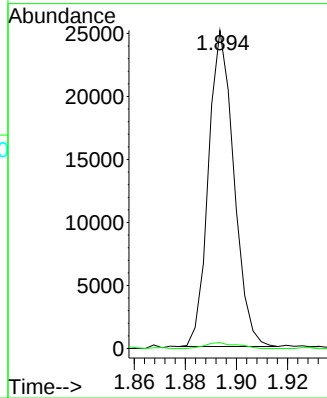
Tgt Ion: 45 Resp: 17352
Ion Ratio Lower Upper
45 100
58 57.7 2.1 3.1#

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Supervised By :Mahesh Dadoda 01/09/2025

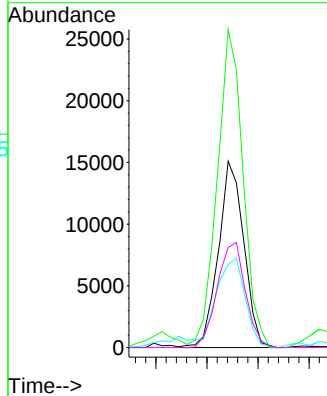
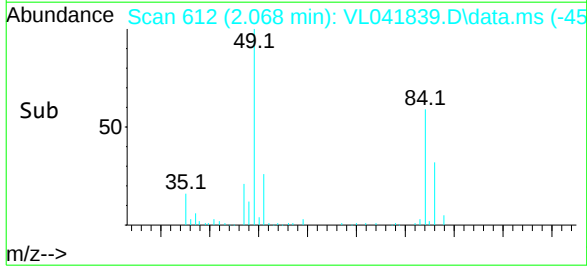
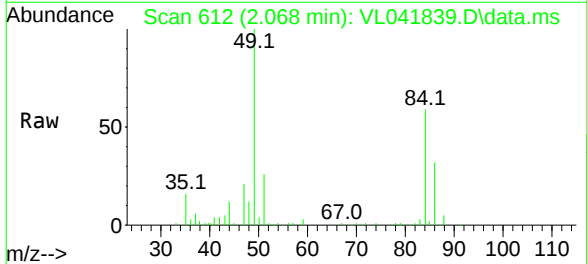
01/09/2025
Supervised By :Mahesh
Dadoda

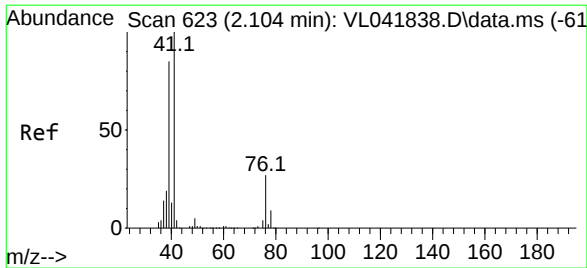
01/09/2025



#20
Methylene Chloride
Concen: 1.975 ppbv
RT: 2.068 min Scan# 612
Delta R.T. -0.000 min
Lab File: VL041839.D
Acq: 07 Jan 2025 09:51

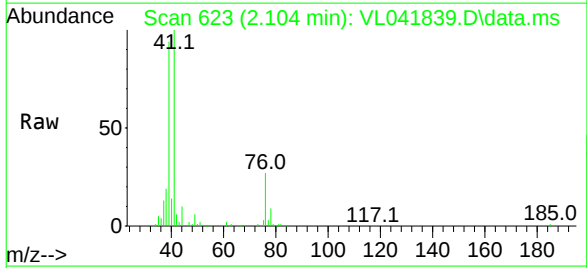
Tgt Ion: 84 Resp: 10459
Ion Ratio Lower Upper
84 100
49 170.7 137.8 206.8
51 44.5 43.9 65.9
86 53.8 53.9 80.9#





#21
 Allyl Chloride
 Concen: 2.019 ppbv
 RT: 2.104 min Scan# 623
 Delta R.T. -0.000 min
 Lab File: VL041839.D
 Acq: 07 Jan 2025 09:51

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC002



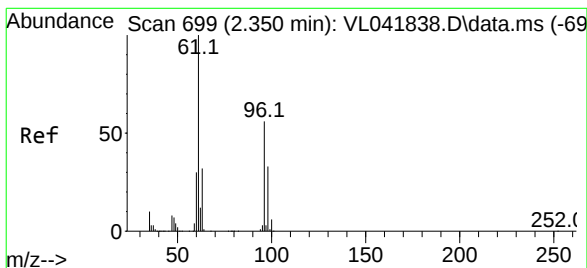
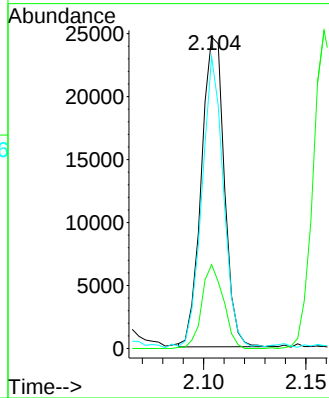
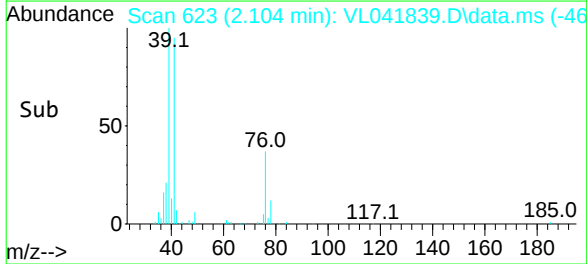
Tgt Ion:	41	Resp:	19269
Ion	Ratio	Lower	Upper
41	100		
76	25.3	20.6	31.0
39	88.4	67.0	100.6

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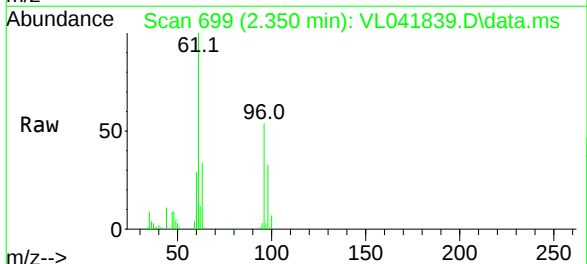
Reviewed By :Semsettin Yesilyurt 01/09/2025
 Supervised By :Mahesh Dadoda 01/09/2025

01/09/2025
 Supervised By :Mahesh
 Dadoda

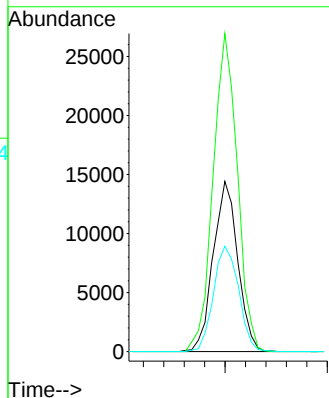
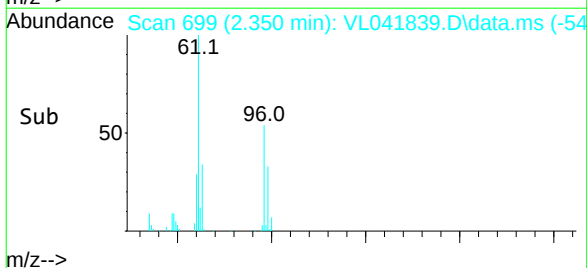
01/09/2025

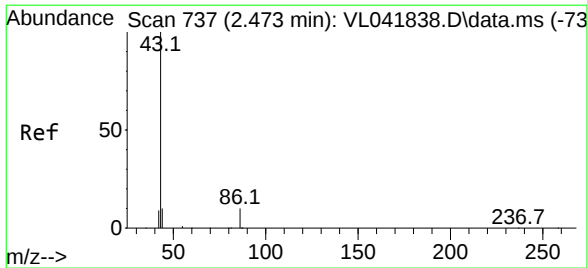


#22
 trans-1,2-Dichloroethene
 Concen: 2.059 ppbv
 RT: 2.350 min Scan# 699
 Delta R.T. -0.000 min
 Lab File: VL041839.D
 Acq: 07 Jan 2025 09:51



Tgt Ion:	96	Resp:	12050
Ion	Ratio	Lower	Upper
96	100		
61	186.9	144.0	216.0
98	61.9	46.9	70.3





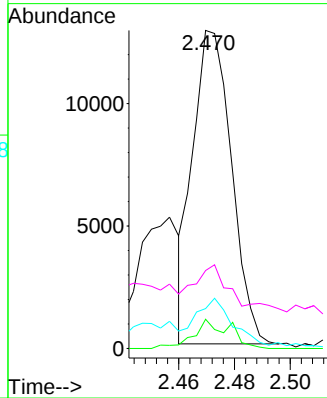
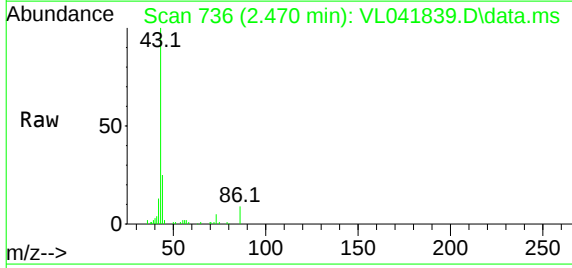
#23
 Vinyl Acetate
 Concen: 2.077 ppbv
 RT: 2.470 min Scan# 737
 Delta R.T. -0.003 min
 Lab File: VL041839.D
 Acq: 07 Jan 2025 09:51

Instrument : MSVOA_L
 ClientSampleId : VSTDIC002

Tgt Ion	Ratio	Lower	Upper
43	100		
86	9.3	6.4	9.6
42	10.9	9.5	14.3
44	12.1	6.7	10.1#

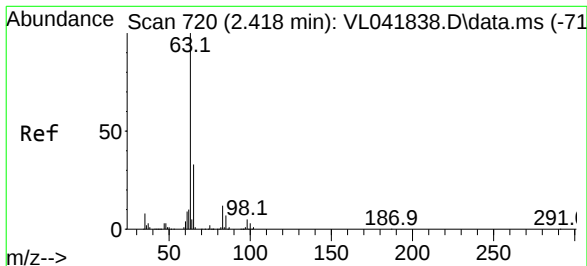
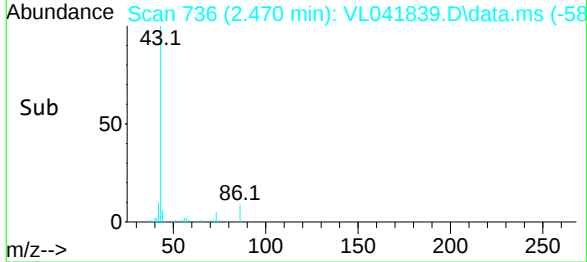
Manual Integrations
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Reviewed By :Semsettin Yesilyurt 01/09/2025
 Supervised By :Mahesh Dadoda 01/09/2025



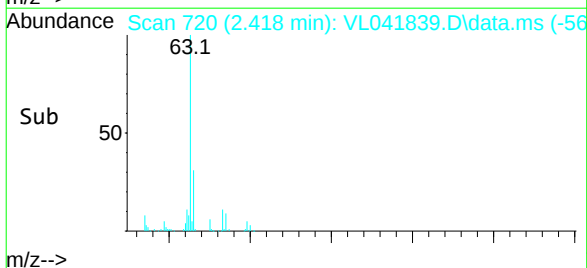
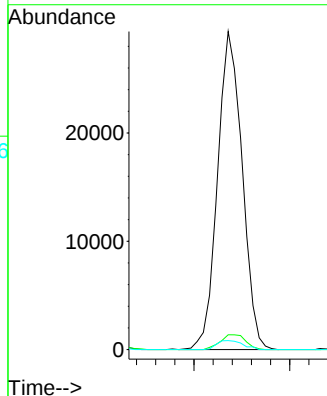
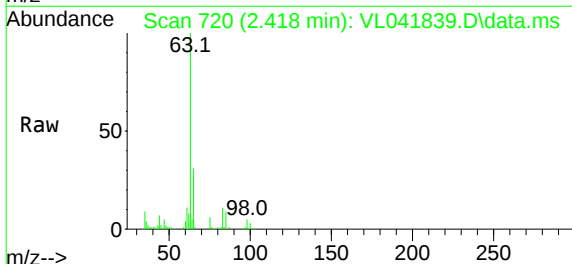
01/09/2025
 Supervised By :Mahesh Dadoda

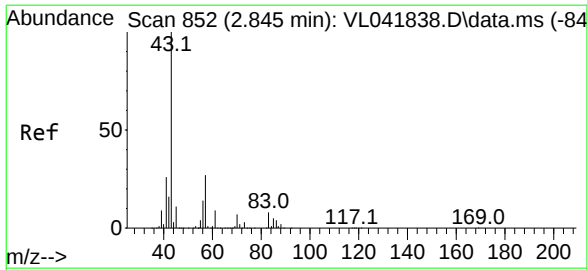
01/09/2025



#24
 1,1-Dichloroethane
 Concen: 2.049 ppbv
 RT: 2.418 min Scan# 720
 Delta R.T. -0.000 min
 Lab File: VL041839.D
 Acq: 07 Jan 2025 09:51

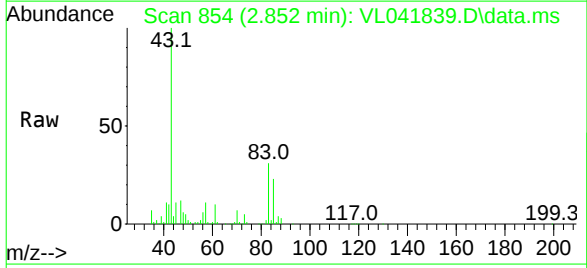
Tgt Ion	Ratio	Lower	Upper
63	100		
98	4.6	2.3	6.9
100	2.8	1.4	4.0





#25
Ethyl Acetate
Concen: 2.097 ppbv
RT: 2.852 min Scan# 851
Delta R.T. 0.006 min
Lab File: VL041839.D
Acq: 07 Jan 2025 09:51

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



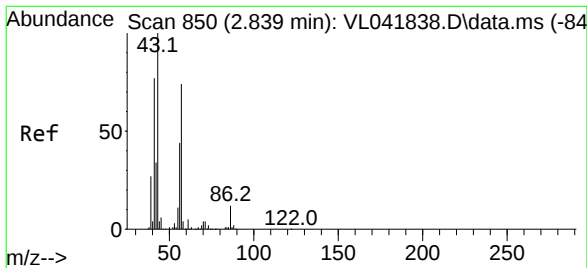
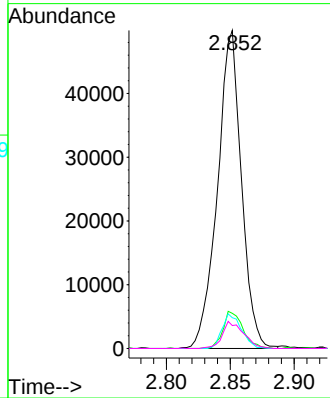
Tgt Ion: 43	Resp: 65149
Ion Ratio	Lower Upper
43 100	
45 9.8	7.8 11.8
61 8.8	7.0 10.6
70 7.6	6.2 9.2

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

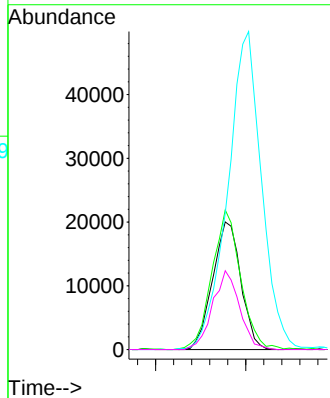
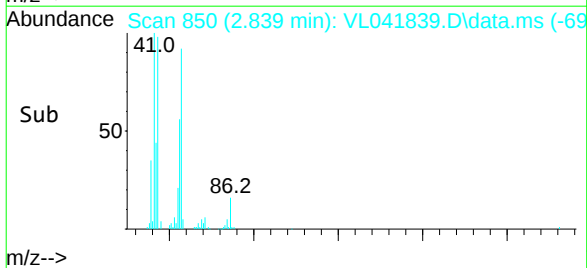
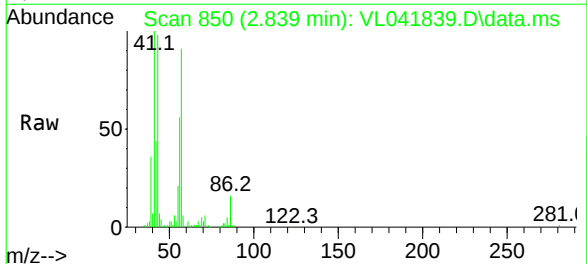
01/09/2025
Supervised By :Mahesh
Dadoda

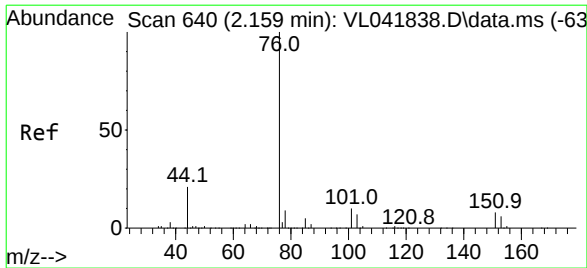
01/09/2025



#26
Hexane
Concen: 2.018 ppbv
RT: 2.839 min Scan# 850
Delta R.T. -0.000 min
Lab File: VL041839.D
Acq: 07 Jan 2025 09:51

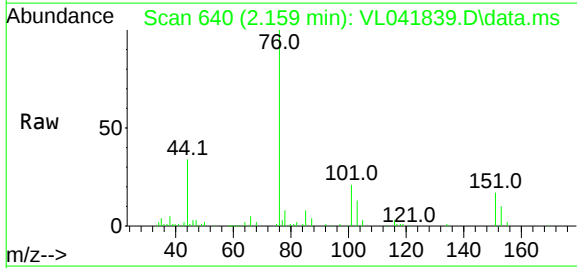
Tgt Ion: 57	Resp: 21758
Ion Ratio	Lower Upper
57 100	
41 111.9	84.0 126.0
43 300.9	218.4 327.6
56 58.9	45.7 68.5





#27
Carbon Disulfide
Concen: 1.918 ppbv
RT: 2.159 min Scan# 640
Delta R.T. -0.000 min
Lab File: VL041839.D
Acq: 07 Jan 2025 09:51

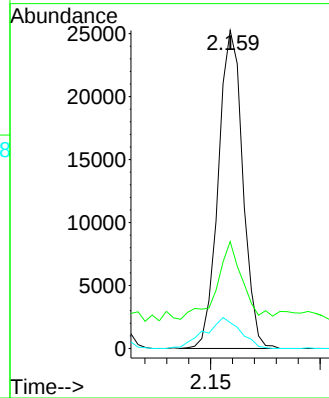
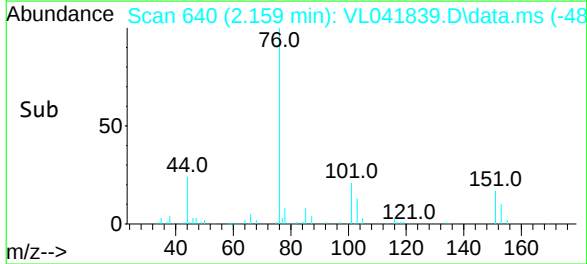
Instrument : MSVOA_L
ClientSampleId : VSTDIC002



Tgt Ion: 76 Resp: 19626
Ion Ratio Lower Upper
76 100
44 54.1 19.8 29.8
78 14.0 9.8 14.8

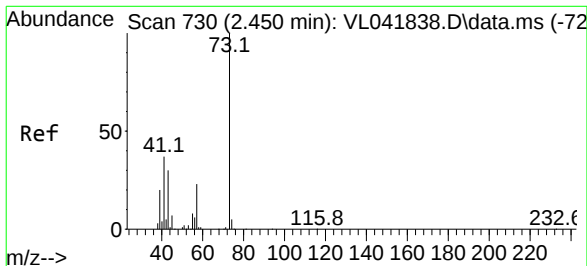
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Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025

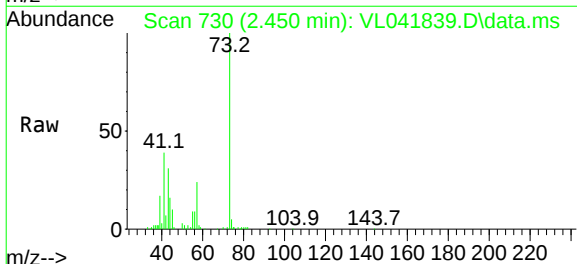


01/09/2025
Supervised By :Mahesh
Dadoda

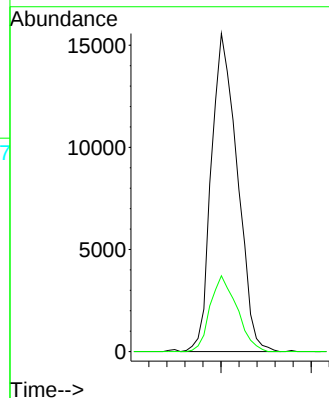
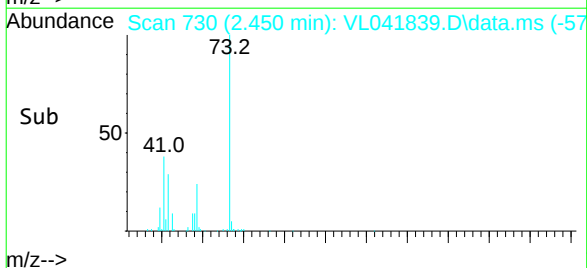
01/09/2025

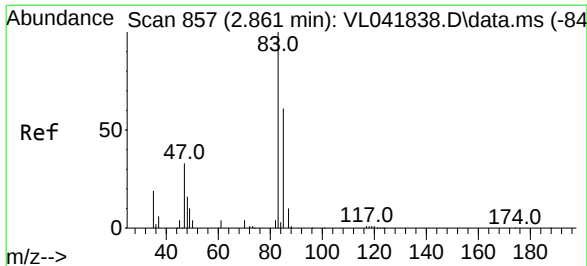


#28
Methyl tert-Butyl Ether
Concen: 1.921 ppbv
RT: 2.450 min Scan# 730
Delta R.T. -0.000 min
Lab File: VL041839.D
Acq: 07 Jan 2025 09:51



Tgt Ion: 73 Resp: 15614
Ion Ratio Lower Upper
73 100
57 24.7 18.4 27.6





#29

Chloroform

Concen: 2.045 ppbv

RT: 2.861 min Scan# 85

Delta R.T. -0.000 min

Lab File: VL041839.D

Acq: 07 Jan 2025 09:51

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC002

Tgt Ion: 83 Resp: 40969

Ion Ratio Lower Upper

83 100

85 60.4 49.6 74.4

Manual Integrations

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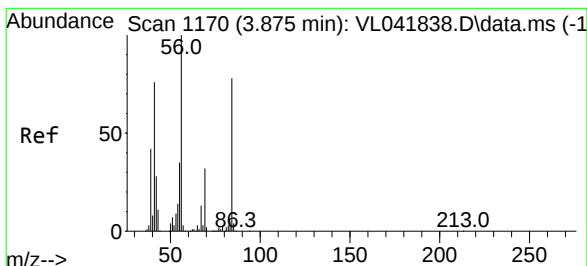
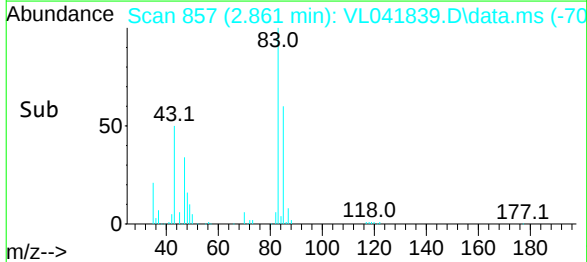
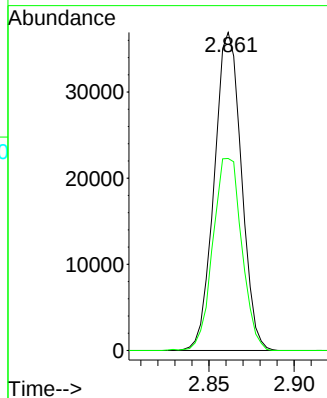
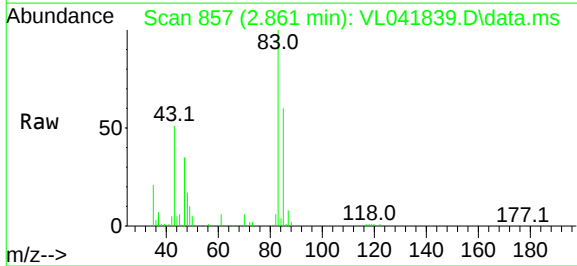
Reviewed By :Semsettin Yesilyurt 01/09/2025

Supervised By :Mahesh Dadoda 01/09/2025

01/09/2025

Supervised By :Mahesh
Dadoda

01/09/2025



#30

Cyclohexane

Concen: 1.984 ppbv

RT: 3.874 min Scan# 1170

Delta R.T. -0.000 min

Lab File: VL041839.D

Acq: 07 Jan 2025 09:51

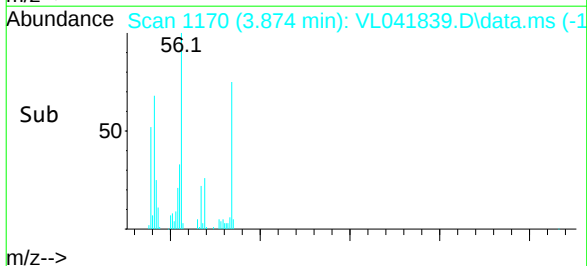
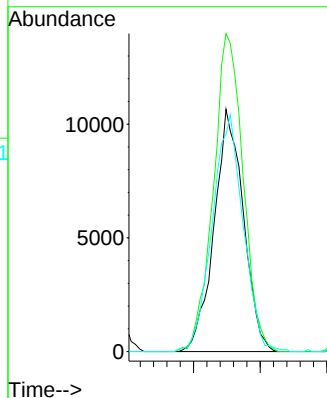
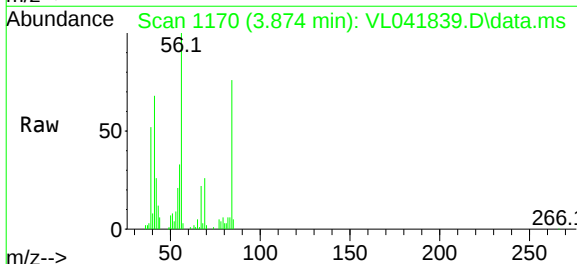
Tgt Ion: 84 Resp: 16235

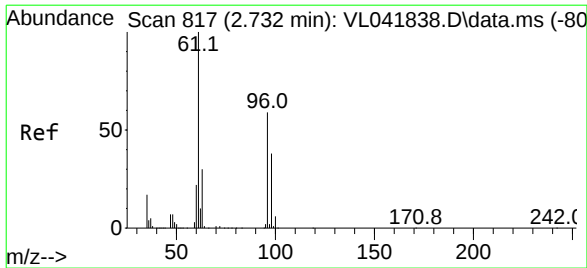
Ion Ratio Lower Upper

84 100

56 133.6 105.0 157.6

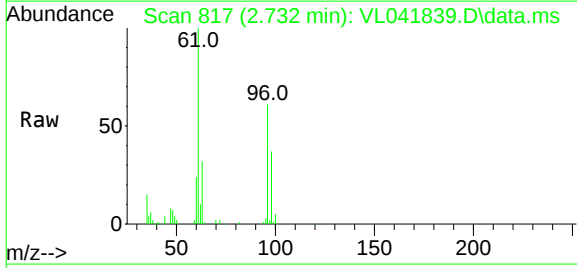
41 103.4 78.9 118.3





#31
 cis-1,2-Dichloroethene
 Concen: 2.048 ppbv
 RT: 2.732 min Scan# 817
 Delta R.T. -0.000 min
 Lab File: VL041839.D
 Acq: 07 Jan 2025 09:51

Instrument : MSVOA_L
 ClientSampleId : VSTDIC002



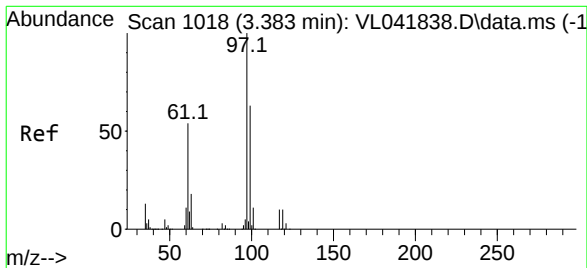
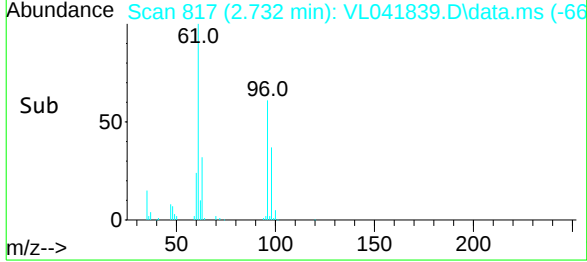
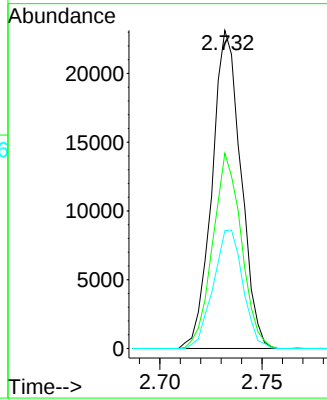
Tgt Ion:	61	Resp:	22729
Ion	Ratio	Lower	Upper
61	100		
96	61.4	47.6	71.4
98	37.1	30.2	45.2

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

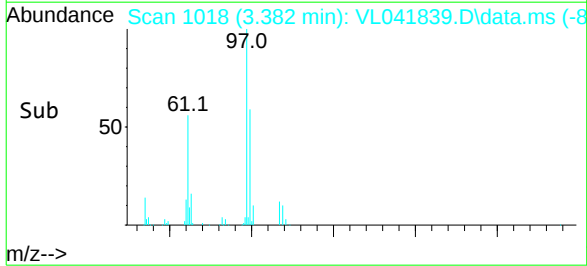
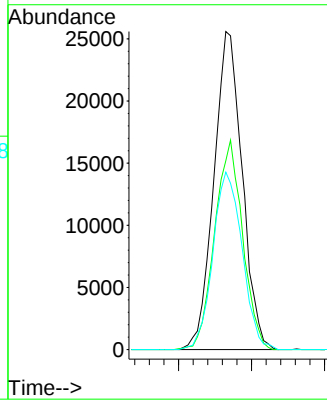
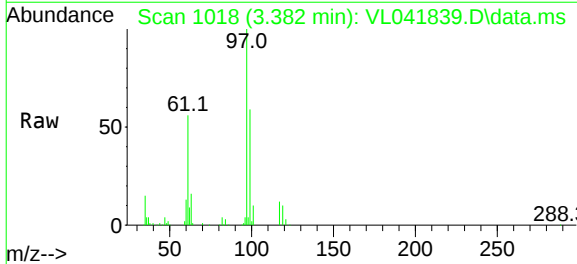
01/09/2025
 Supervised By :Mahesh Dadoda

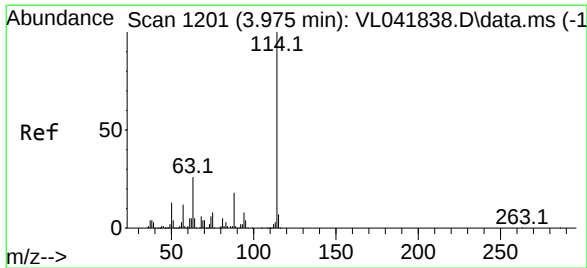
01/09/2025



#32
 1,1,1-Trichloroethane
 Concen: 1.901 ppbv
 RT: 3.382 min Scan# 1018
 Delta R.T. -0.000 min
 Lab File: VL041839.D
 Acq: 07 Jan 2025 09:51

Tgt Ion:	97	Resp:	34505
Ion	Ratio	Lower	Upper
97	100		
99	64.9	50.6	76.0
61	57.6	45.0	67.6





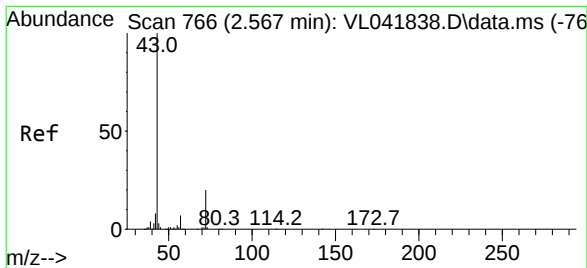
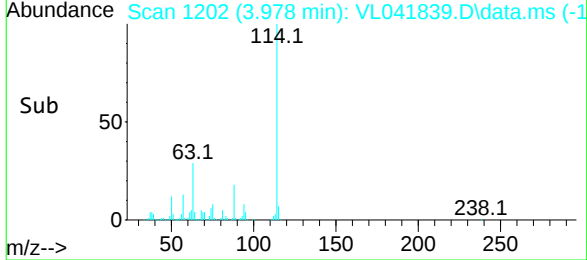
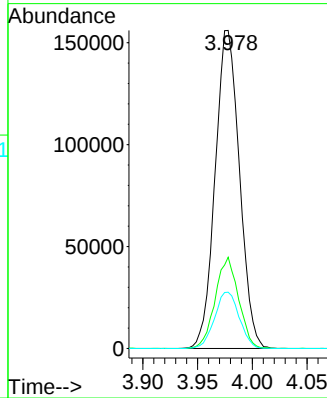
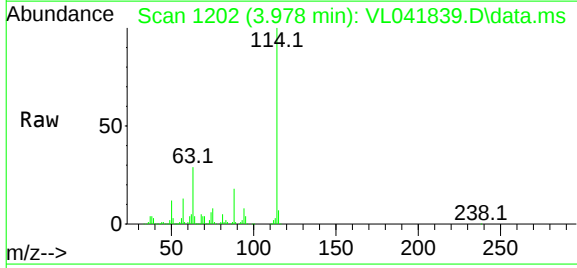
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.978 min Scan# 1201
Delta R.T. 0.003 min
Lab File: VL041839.D
Acq: 07 Jan 2025 09:51

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:	114	Resp:	241263
Ion Ratio	Lower	Upper	
114	100		
63	27.6	22.3	33.5
88	18.0	14.9	22.3

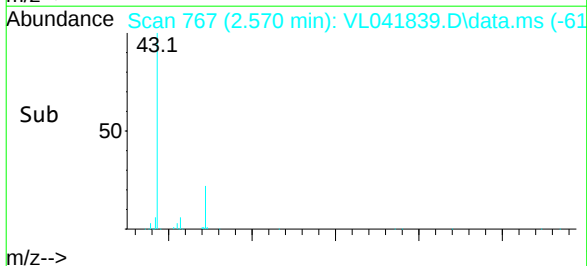
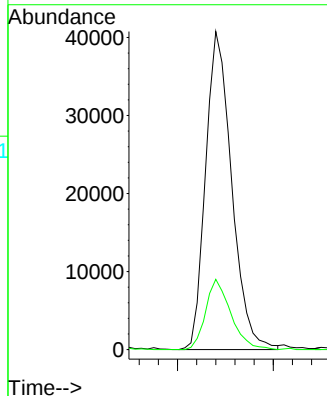
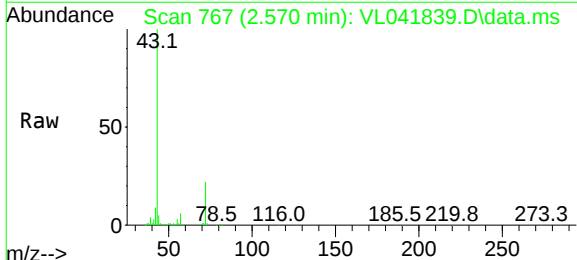
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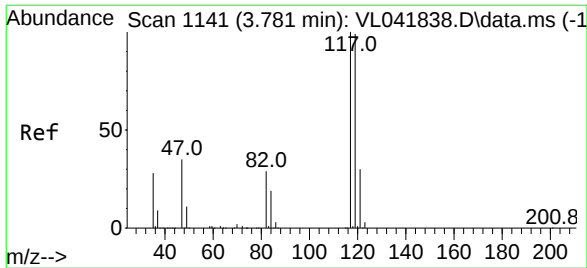
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#34
2-Butanone
Concen: 2.032 ppbv
RT: 2.570 min Scan# 767
Delta R.T. 0.003 min
Lab File: VL041839.D
Acq: 07 Jan 2025 09:51

Tgt Ion:	43	Resp:	38624
Ion Ratio	Lower	Upper	
43	100		
72	21.5	16.6	25.0





#35

Carbon Tetrachloride

Concen: 1.868 ppbv

RT: 3.780 min Scan# 11

Delta R.T. -0.000 min

Lab File: VL041839.D

Acq: 07 Jan 2025 09:51

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC002

Tgt Ion:	117	Resp:	34059
Ion	Ratio	Lower	Upper
117	100		
119	102.3	79.1	118.7
121	29.8	24.2	36.2

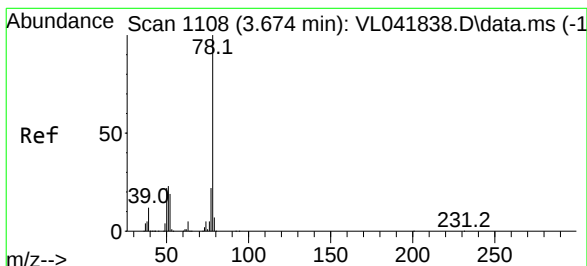
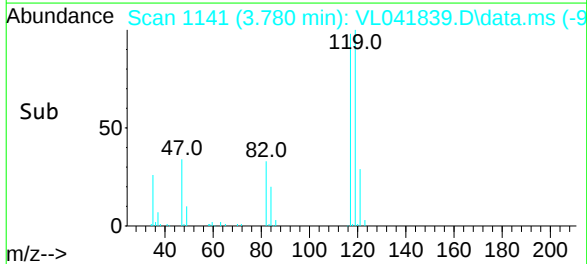
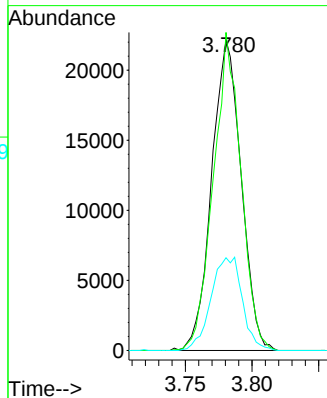
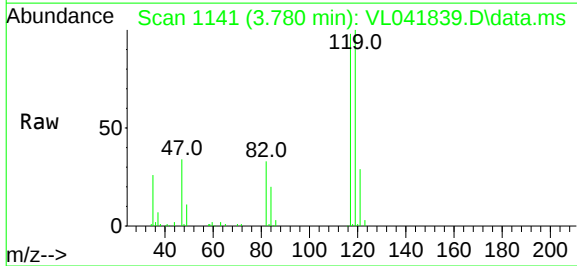
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Supervised By :Mahesh Dadoda 01/09/2025

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Supervised By :Mahesh
Dadoda

01/09/2025



#36

Benzene

Concen: 2.007 ppbv

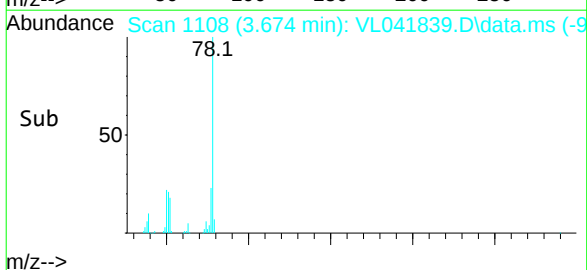
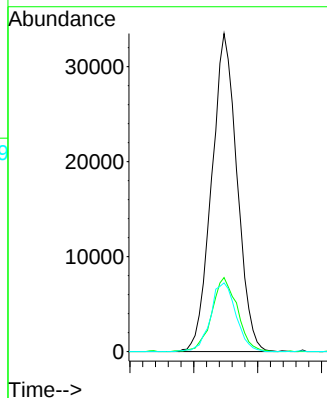
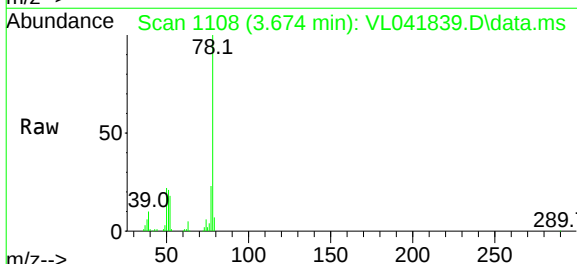
RT: 3.674 min Scan# 1108

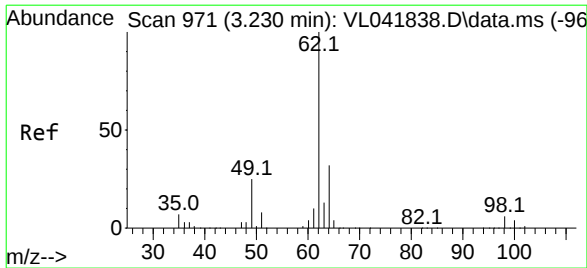
Delta R.T. -0.000 min

Lab File: VL041839.D

Acq: 07 Jan 2025 09:51

Tgt Ion:	78	Resp:	46253
Ion	Ratio	Lower	Upper
78	100		
77	23.3	17.4	26.0
50	21.4	17.3	25.9





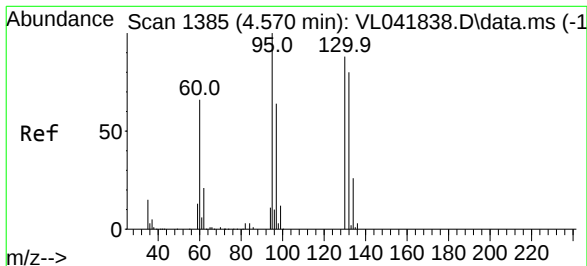
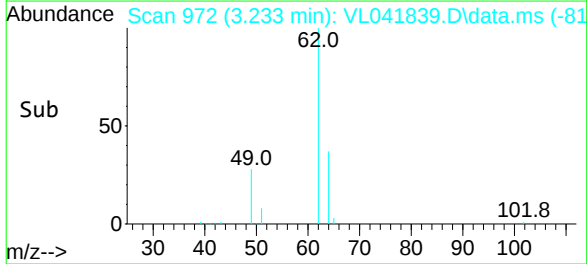
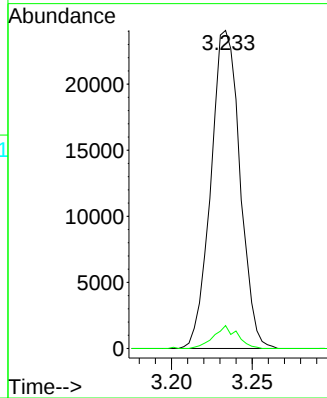
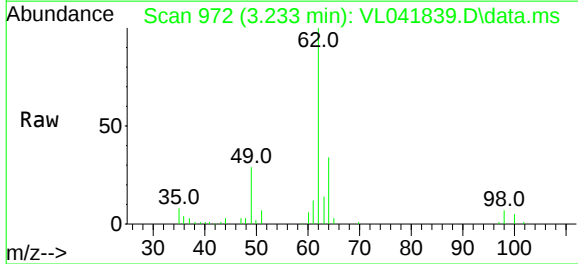
#37
1,2-Dichloroethane
Concen: 1.993 ppbv
RT: 3.233 min Scan# 971
Delta R.T. 0.003 min
Lab File: VL041839.D
Acq: 07 Jan 2025 09:51

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

Tgt Ion: 62 Resp: 30190
Ion Ratio Lower Upper
62 100
98 5.9 4.8 7.2

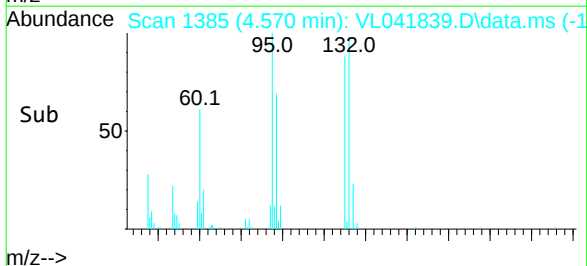
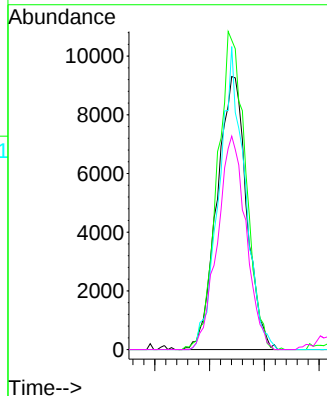
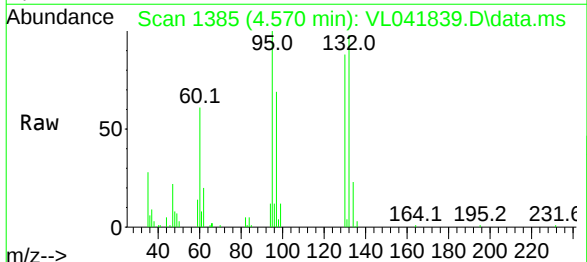
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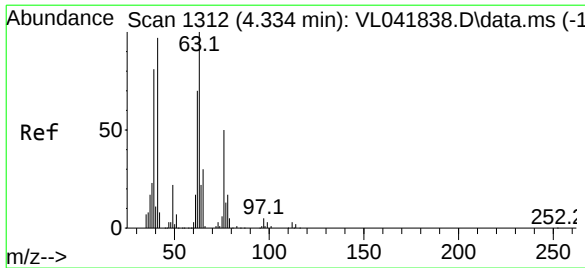
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#38
Trichloroethene
Concen: 1.930 ppbv
RT: 4.570 min Scan# 1385
Delta R.T. -0.000 min
Lab File: VL041839.D
Acq: 07 Jan 2025 09:51

Tgt Ion:130 Resp: 17434
Ion Ratio Lower Upper
130 100
95 113.3 90.1 135.1
132 111.0 71.8 107.8#
97 78.2 57.9 86.9





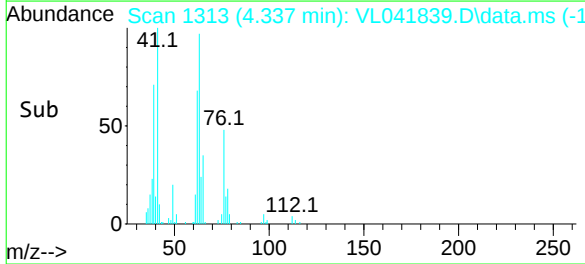
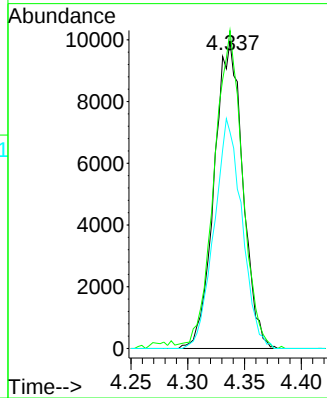
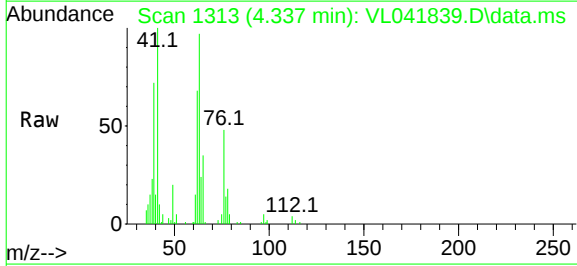
#39
1,2-Dichloropropane
Concen: 1.957 ppbv
RT: 4.337 min Scan# 1312
Delta R.T. 0.003 min
Lab File: VL041839.D
Acq: 07 Jan 2025 09:51

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 63 Resp: 17446
Ion Ratio Lower Upper
63 100
41 103.5 77.7 116.5
62 70.4 56.2 84.2

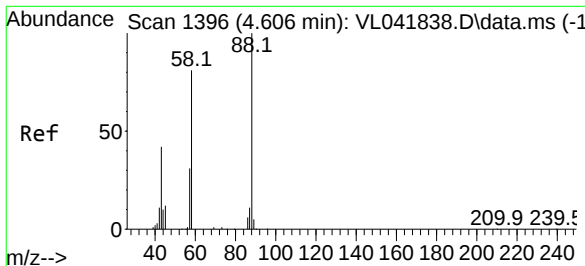
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Supervised By :Mahesh Dadoda 01/09/2025



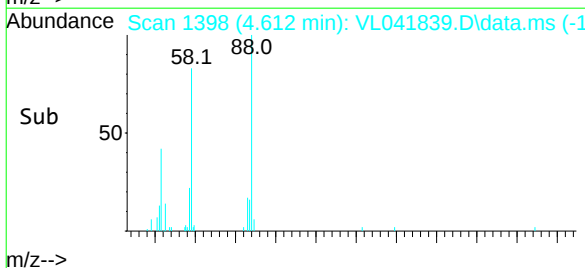
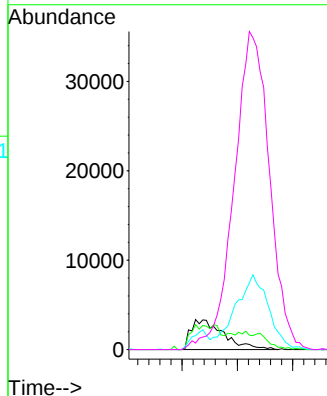
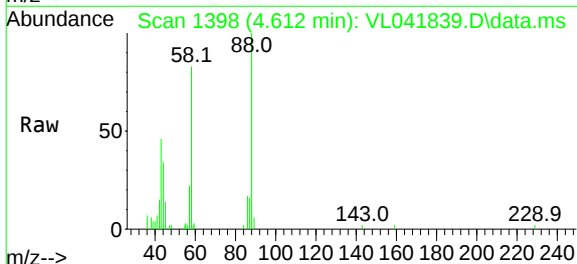
01/09/2025
Supervised By :Mahesh
Dadoda

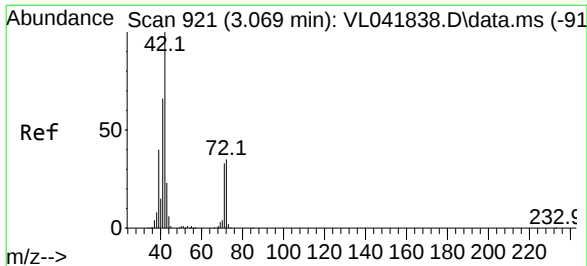
01/09/2025



#40
1,4-Dioxane
Concen: 1.996 ppbv m
RT: 4.612 min Scan# 1398
Delta R.T. 0.006 min
Lab File: VL041839.D
Acq: 07 Jan 2025 09:51

Tgt Ion: 88 Resp: 6895
Ion Ratio Lower Upper
88 100
58 135.8 63.0 94.6#
43 0.0 30.0 45.0#
57 0.0 0.0 0.0





#41

Tetrahydrofuran

Concen: 1.888 ppbv

RT: 3.075 min Scan# 92

Delta R.T. 0.006 min

Lab File: VL041839.D

Acq: 07 Jan 2025 09:51

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC002

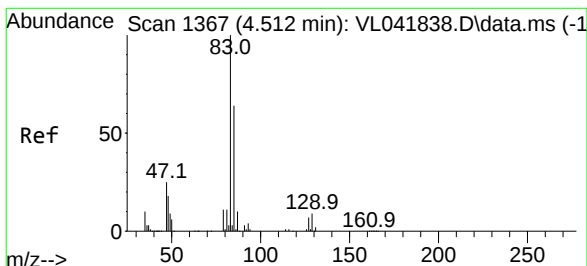
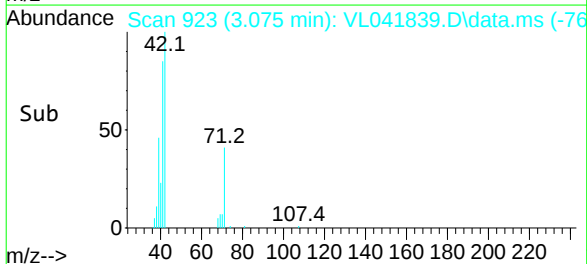
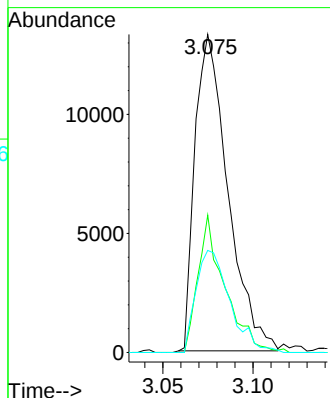
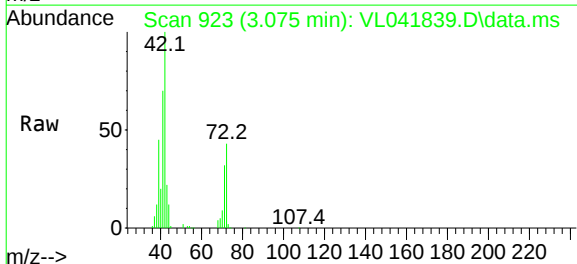
Tgt Ion:	42	Resp:	16912
Ion	Ratio	Lower	Upper
42	100		
72	35.3	27.9	41.9
71	33.0	26.5	39.7

Manual Integrations
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Supervised By :Mahesh Dadoda 01/09/2025

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Supervised By :Mahesh
Dadoda

01/09/2025



#42

Bromodichloromethane

Concen: 1.941 ppbv

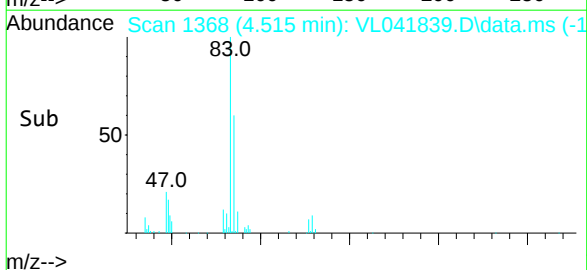
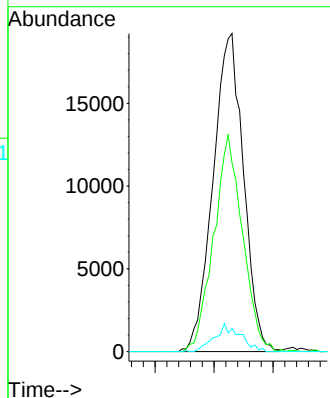
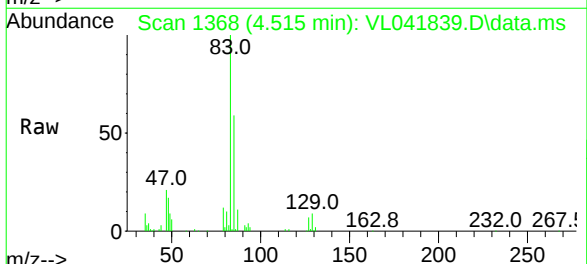
RT: 4.515 min Scan# 1368

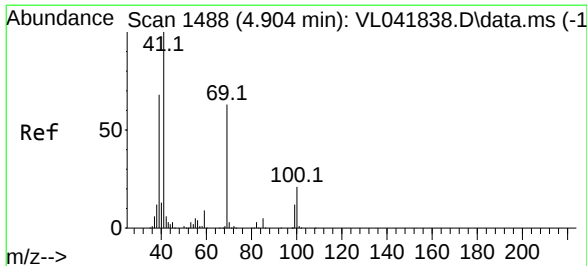
Delta R.T. 0.003 min

Lab File: VL041839.D

Acq: 07 Jan 2025 09:51

Tgt Ion:	83	Resp:	34494
Ion	Ratio	Lower	Upper
83	100		
85	59.3	51.3	76.9
127	7.2	5.6	8.4





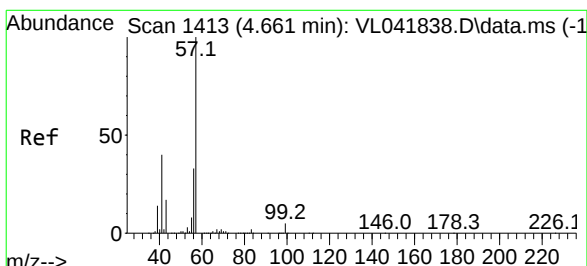
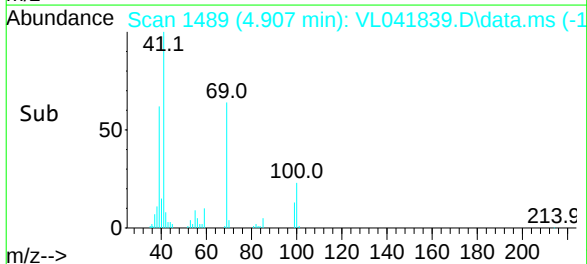
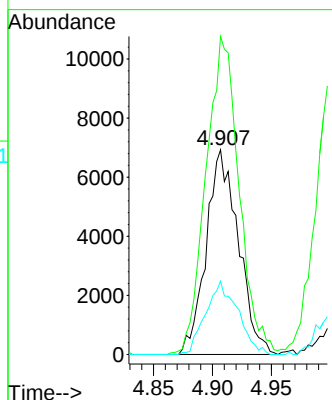
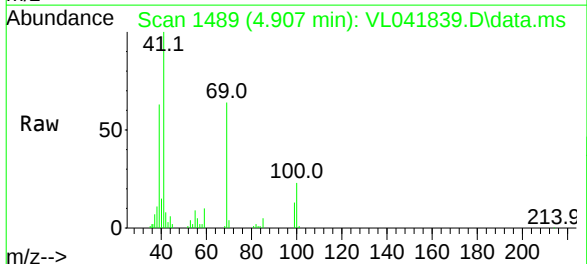
#43
Methyl Methacrylate
Concen: 1.818 ppbv
RT: 4.907 min Scan# 1489
Delta R.T. 0.003 min
Lab File: VL041839.D
Acq: 07 Jan 2025 09:51

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 69 Resp: 13160
Ion Ratio Lower Upper
69 100
41 159.5 132.2 198.2
100 35.7 28.2 42.4

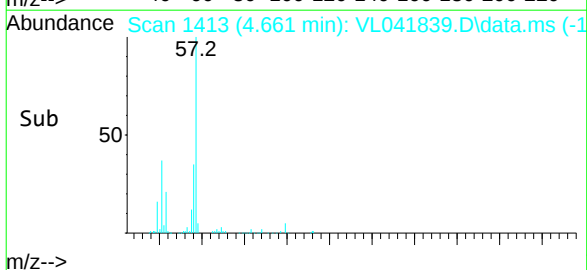
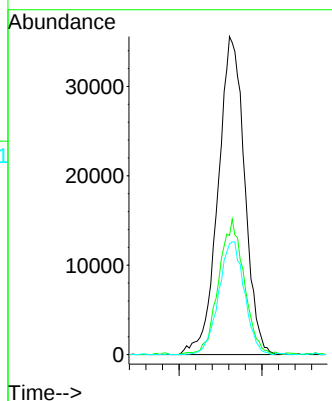
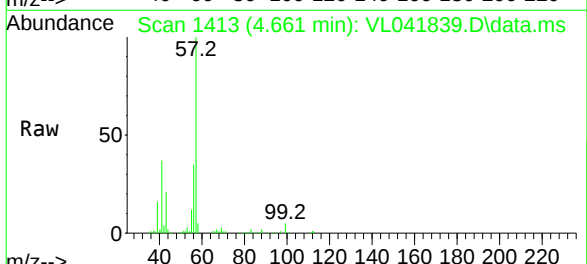
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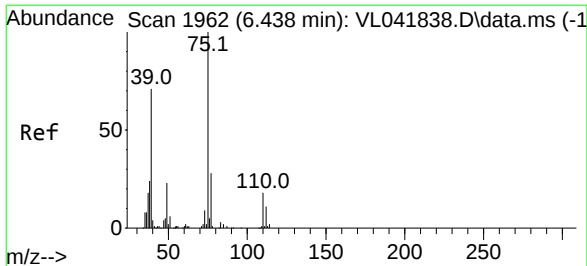
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#44
2,2,4-Trimethylpentane
Concen: 2.078 ppbv
RT: 4.661 min Scan# 1413
Delta R.T. -0.000 min
Lab File: VL041839.D
Acq: 07 Jan 2025 09:51

Tgt Ion: 57 Resp: 78928
Ion Ratio Lower Upper
57 100
41 41.2 31.4 47.2
56 34.5 26.6 39.8





#45

t-1,3-Dichloropropene

Concen: 1.828 ppbv m

RT: 6.441 min Scan# 19

Delta R.T. 0.003 min

Lab File: VL041839.D

Acq: 07 Jan 2025 09:51

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC002

Tgt Ion: 75 Resp: 12917

Ion Ratio Lower Upper

75 100

77 38.0 22.2 33.4#

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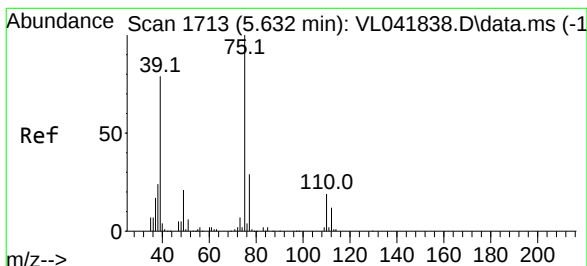
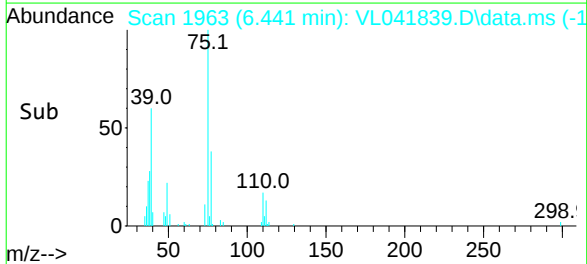
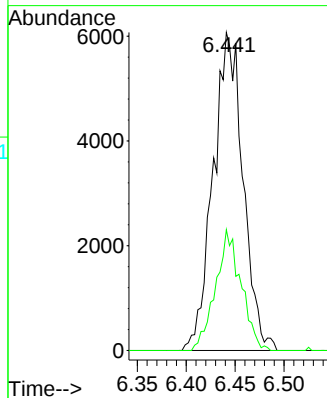
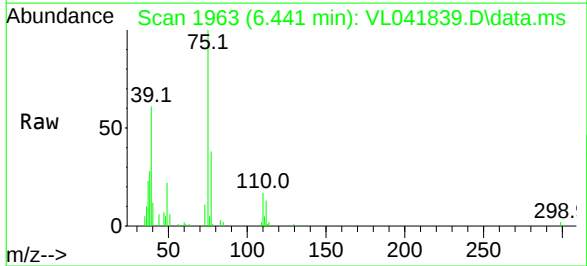
Reviewed By :Semsettin Yesilyurt 01/09/2025

Supervised By :Mahesh Dadoda 01/09/2025

01/09/2025

Supervised By :Mahesh
Dadoda

01/09/2025



#46

cis-1,3-Dichloropropene

Concen: 1.858 ppbv m

RT: 5.638 min Scan# 1715

Delta R.T. 0.006 min

Lab File: VL041839.D

Acq: 07 Jan 2025 09:51

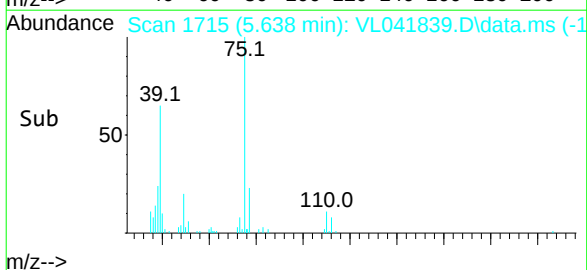
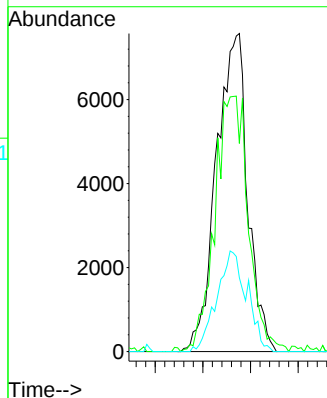
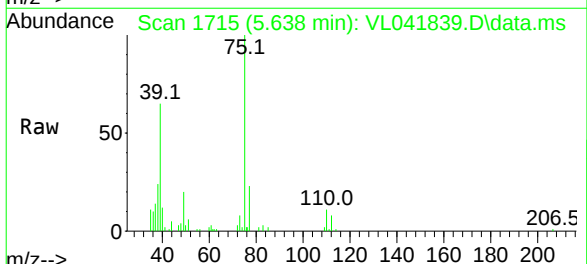
Tgt Ion: 75 Resp: 17267

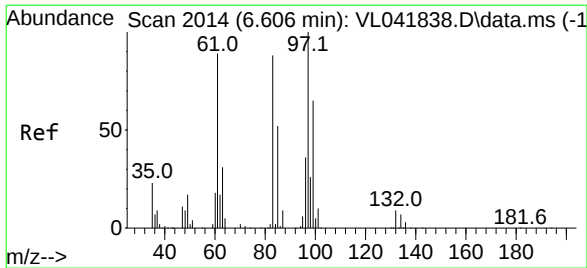
Ion Ratio Lower Upper

75 100

39 65.4 63.3 94.9

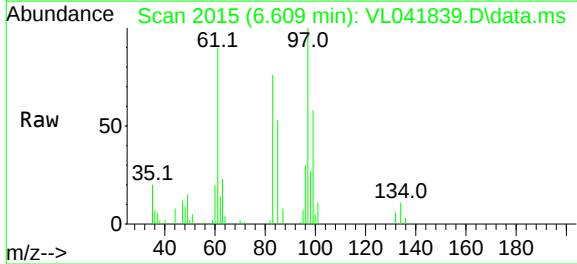
77 23.2 23.5 35.3#





#47
1,1,2-Trichloroethane
Concen: 1.932 ppbv
RT: 6.609 min Scan# 2014
Delta R.T. 0.003 min
Lab File: VL041839.D
Acq: 07 Jan 2025 09:51

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



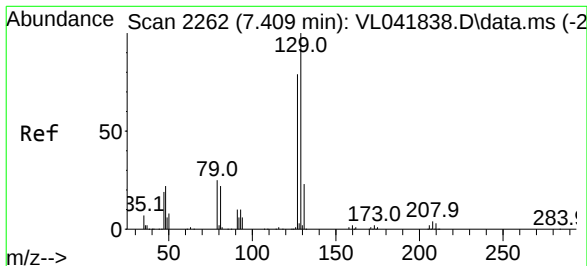
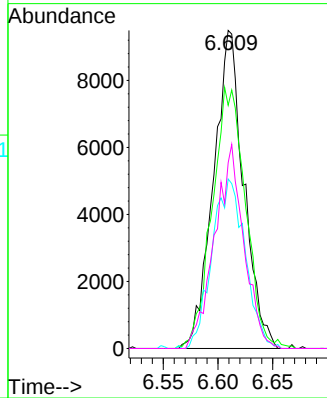
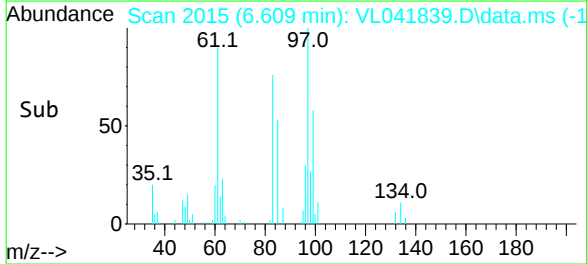
Tgt Ion: 97 Resp: 18220
Ion Ratio Lower Upper
97 100
83 75.7 70.3 105.5
85 52.5 41.5 62.3
99 58.4 52.3 78.5

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Supervised By :Mahesh Dadoda 01/09/2025

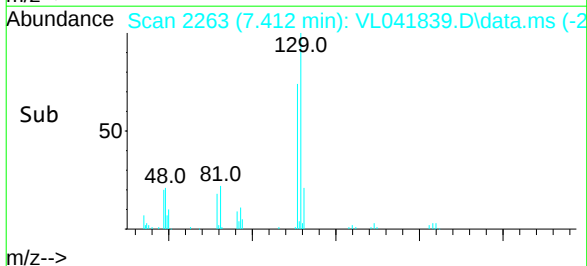
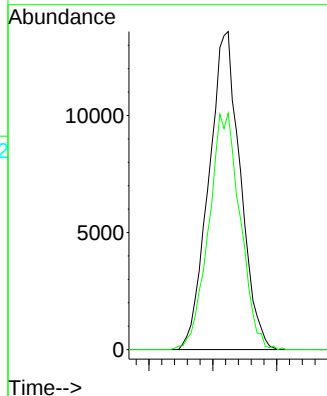
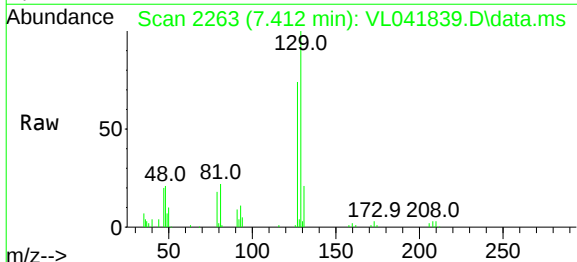
01/09/2025
Supervised By :Mahesh
Dadoda

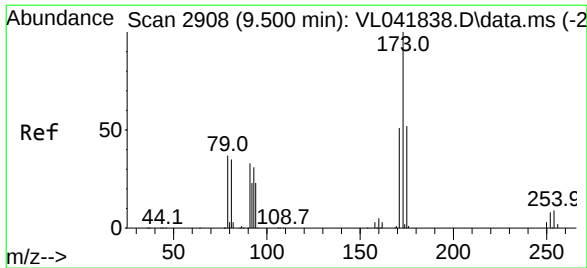
01/09/2025



#48
Dibromochloromethane
Concen: 1.940 ppbv
RT: 7.412 min Scan# 2263
Delta R.T. 0.003 min
Lab File: VL041839.D
Acq: 07 Jan 2025 09:51

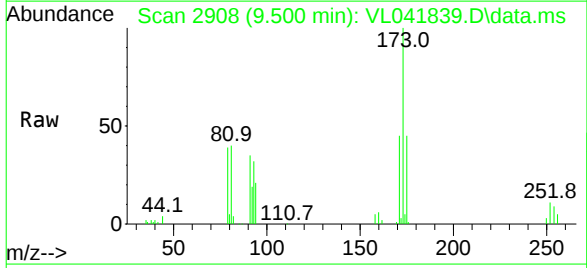
Tgt Ion:129 Resp: 23291
Ion Ratio Lower Upper
129 100
127 74.1 38.7 116.1





#49
Bromoform
Concen: 1.846 ppbv
RT: 9.500 min Scan# 2908
Delta R.T. -0.000 min
Lab File: VL041839.D
Acq: 07 Jan 2025 09:51

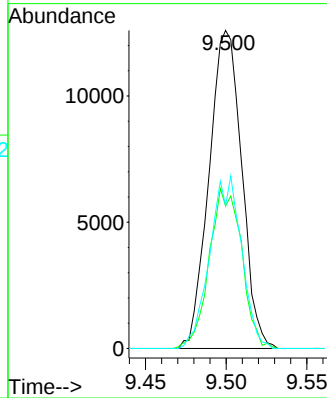
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



Tgt Ion: 173 Resp: 17754
Ion Ratio Lower Upper
173 100
175 49.8 39.5 59.3
171 52.5 41.5 62.3

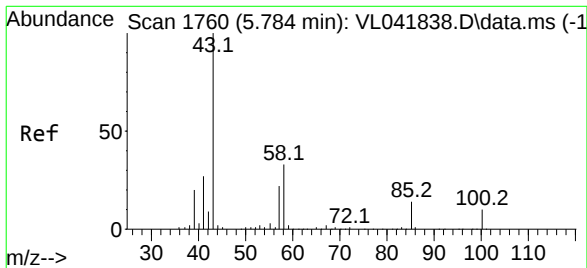
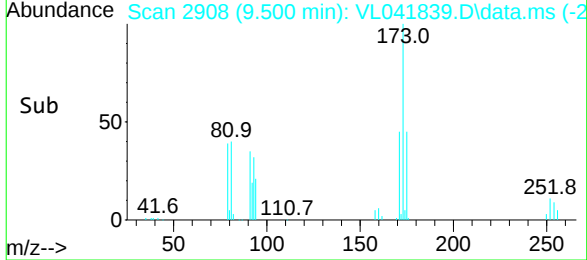
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Supervised By :Mahesh Dadoda 01/09/2025



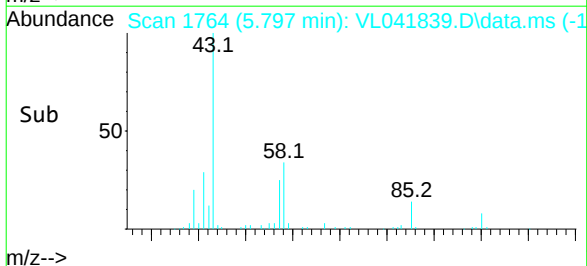
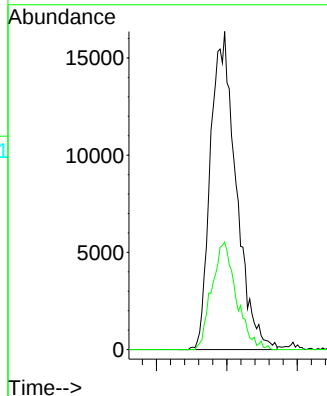
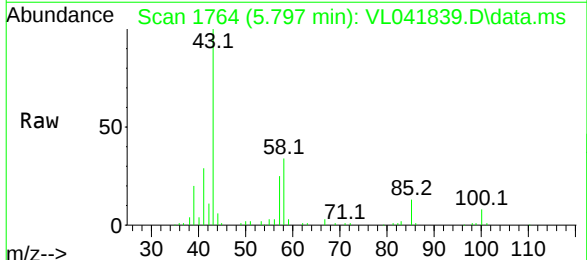
01/09/2025
Supervised By :Mahesh
Dadoda

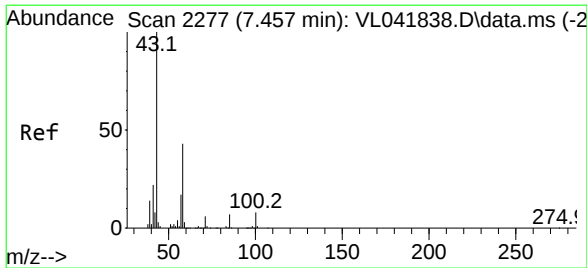
01/09/2025



#50
4-Methyl-2-Pentanone
Concen: 1.881 ppbv m
RT: 5.797 min Scan# 1764
Delta R.T. 0.013 min
Lab File: VL041839.D
Acq: 07 Jan 2025 09:51

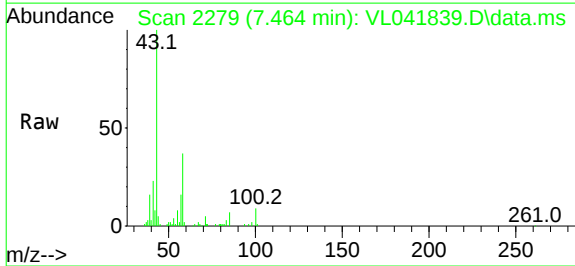
Tgt Ion: 43 Resp: 41290
Ion Ratio Lower Upper
43 100
58 0.0 25.6 38.4#





#51
2-Hexanone
Concen: 1.842 ppbv
RT: 7.464 min Scan# 2277
Delta R.T. 0.006 min
Lab File: VL041839.D
Acq: 07 Jan 2025 09:51

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



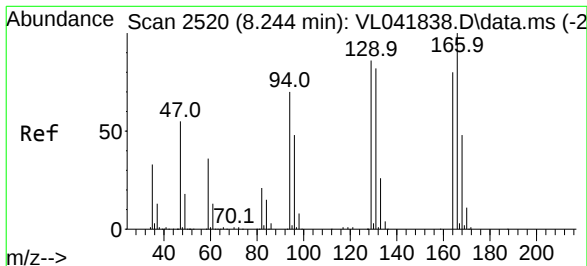
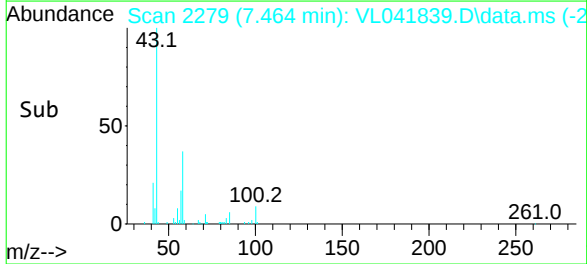
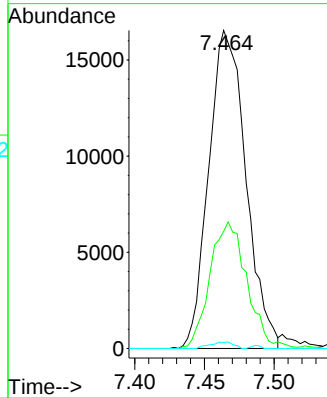
Tgt Ion: 43 Resp: 30631
Ion Ratio Lower Upper
43 100
58 39.7 33.8 50.8
98 1.5 0.7 1.1#

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Supervised By :Mahesh Dadoda 01/09/2025

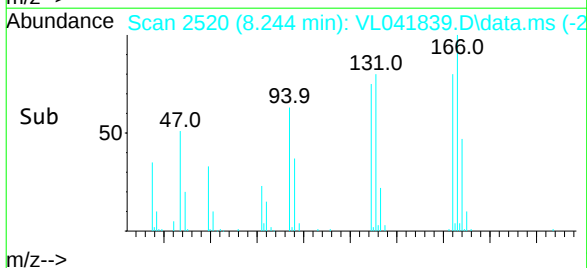
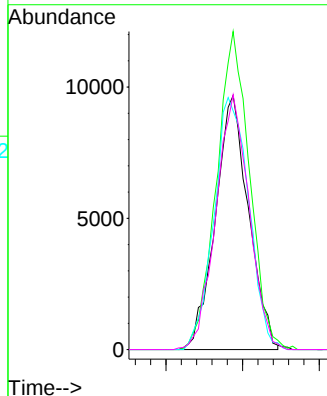
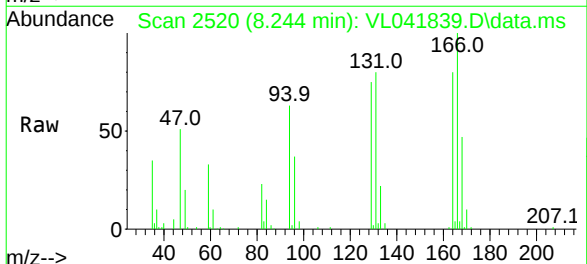
01/09/2025
Supervised By :Mahesh
Dadoda

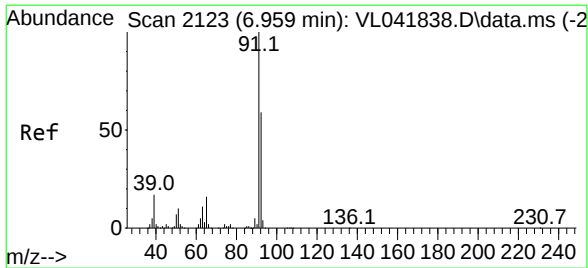
01/09/2025



#52
Tetrachloroethene
Concen: 2.124 ppbv
RT: 8.244 min Scan# 2520
Delta R.T. -0.000 min
Lab File: VL041839.D
Acq: 07 Jan 2025 09:51

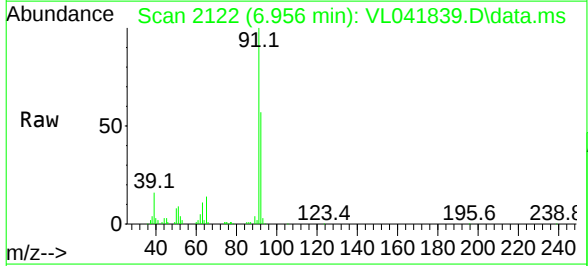
Tgt Ion:164 Resp: 14518
Ion Ratio Lower Upper
164 100
166 125.2 100.4 150.6
129 94.0 85.9 128.9
131 99.6 82.8 124.2





#53
Toluene
Concen: 1.874 ppbv
RT: 6.956 min Scan# 2122
Delta R.T. -0.003 min
Lab File: VL041839.D
Acq: 07 Jan 2025 09:51

Instrument : MSVOA_L
ClientSampleId : VSTDIC002



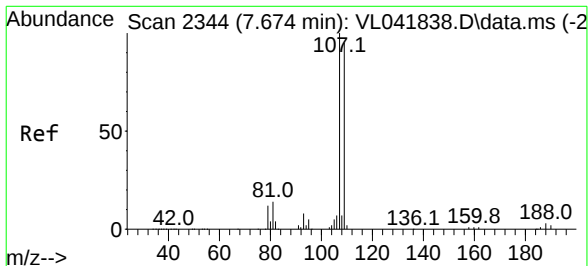
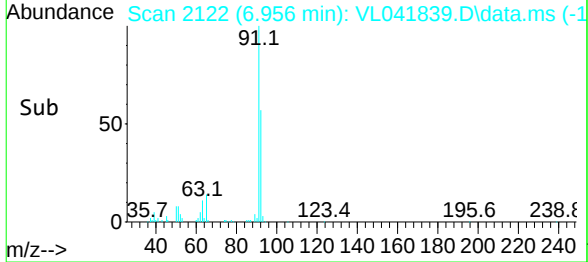
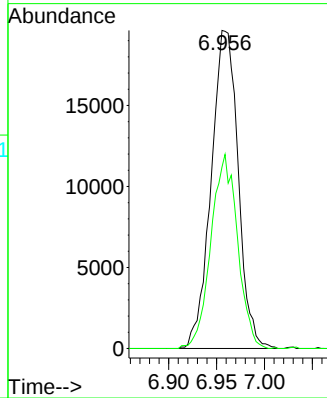
Tgt Ion: 91 Resp: 38482
Ion Ratio Lower Upper
91 100
92 60.1 47.8 71.6

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Supervised By :Mahesh Dadoda 01/09/2025

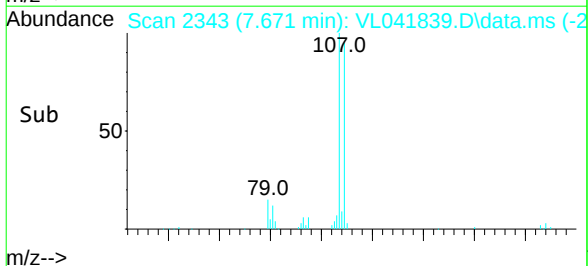
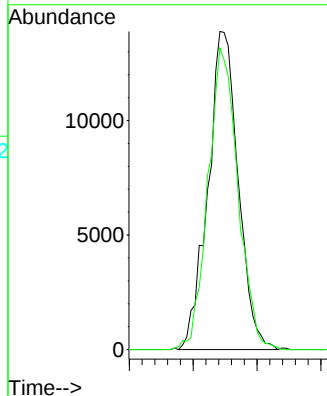
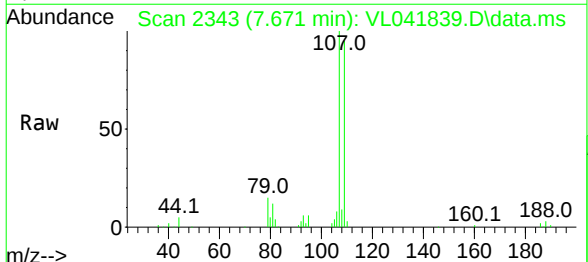
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Supervised By :Mahesh
Dadoda

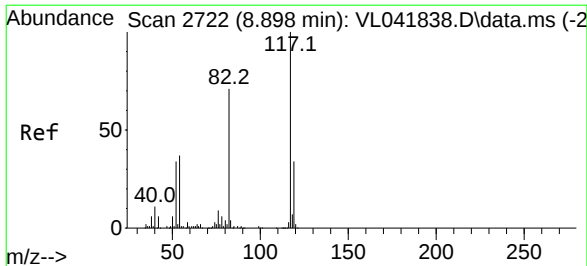
01/09/2025



#54
1,2-Dibromoethane
Concen: 1.983 ppbv
RT: 7.671 min Scan# 2343
Delta R.T. -0.003 min
Lab File: VL041839.D
Acq: 07 Jan 2025 09:51

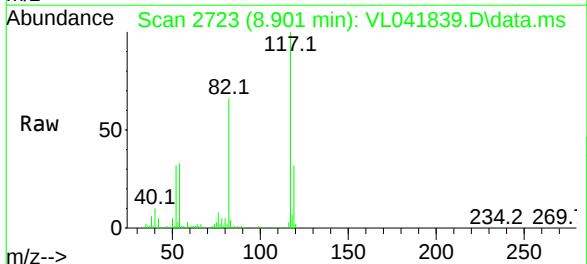
Tgt Ion:107 Resp: 22893
Ion Ratio Lower Upper
107 100
109 94.1 75.9 113.9





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.901 min Scan# 2722
Delta R.T. 0.003 min
Lab File: VL041839.D
Acq: 07 Jan 2025 09:51

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



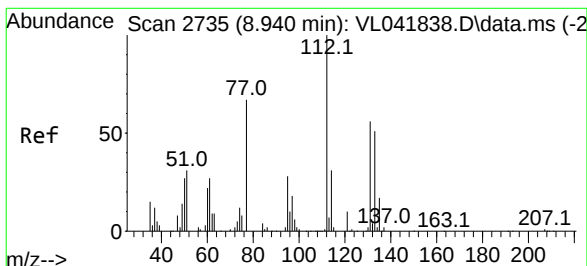
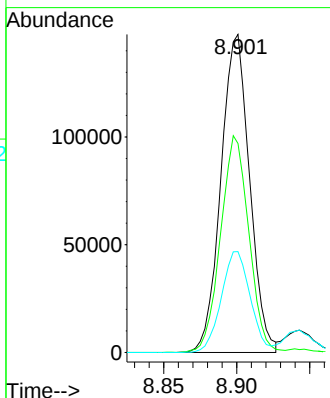
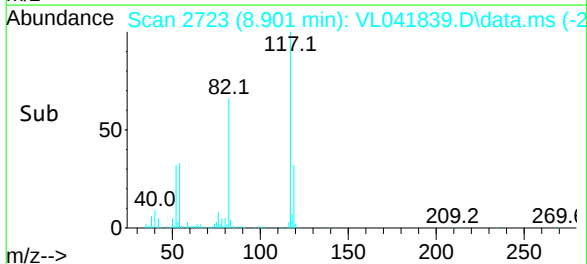
Tgt Ion:	117	Resp:	201824
Ion	Ratio	Lower	Upper
117	100		
82	68.0	59.1	88.7
119	32.8	27.3	40.9

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

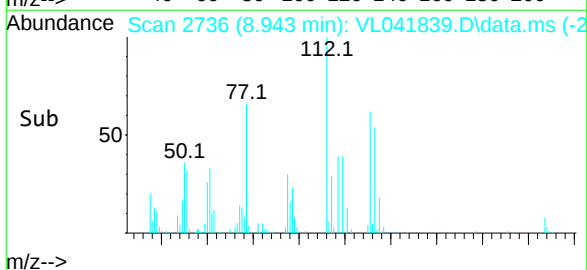
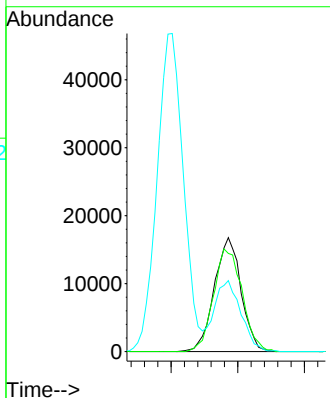
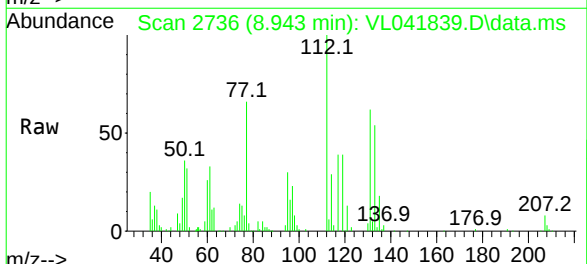
01/09/2025
Supervised By :Mahesh
Dadoda

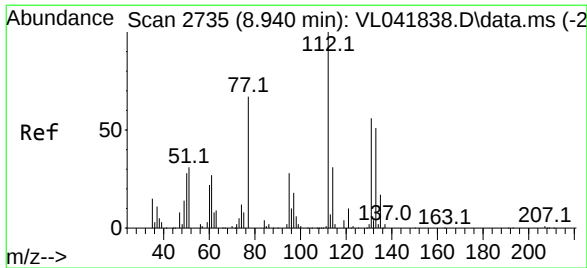
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#56
1,1,1,2-Tetrachloroethane
Concen: 2.033 ppbv
RT: 8.943 min Scan# 2736
Delta R.T. 0.003 min
Lab File: VL041839.D
Acq: 07 Jan 2025 09:51

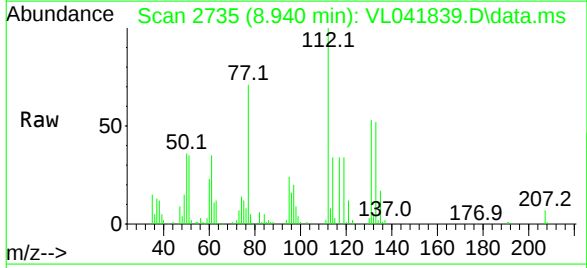
Tgt Ion:	131	Resp:	23388
Ion	Ratio	Lower	Upper
131	100		
133	96.3	77.3	115.9
119	60.0	50.6	76.0





#57
Chlorobenzene
Concen: 1.980 ppbv
RT: 8.940 min Scan# 2735
Delta R.T. -0.000 min
Lab File: VL041839.D
Acq: 07 Jan 2025 09:51

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



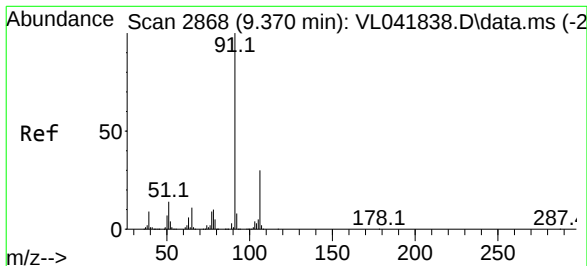
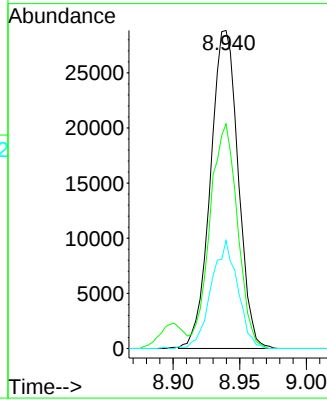
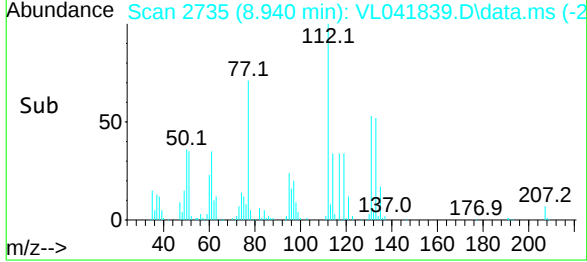
Tgt Ion: 112 Resp: 41759
Ion Ratio Lower Upper
112 100
77 70.6 55.1 82.7
114 34.0 28.3 34.5

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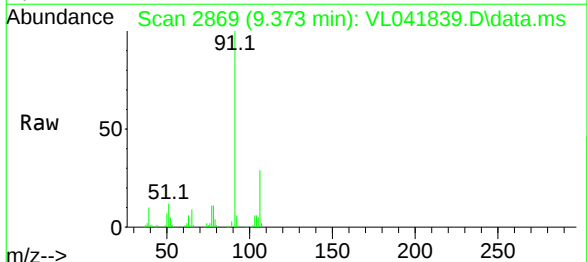
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025

01/09/2025
Supervised By :Mahesh
Dadoda

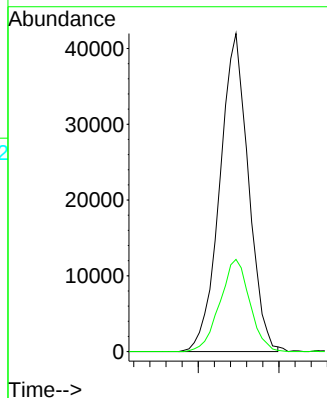
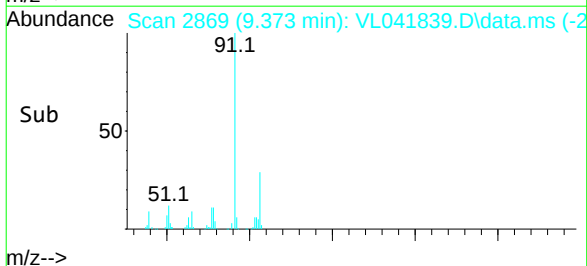
01/09/2025

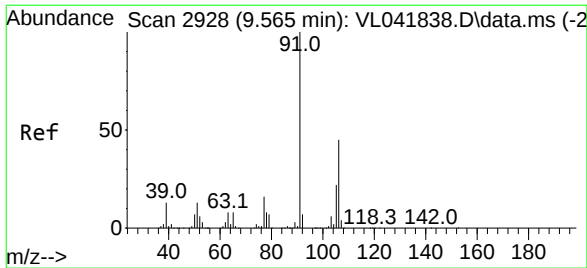


#58
Ethyl Benzene
Concen: 1.881 ppbv
RT: 9.373 min Scan# 2869
Delta R.T. 0.003 min
Lab File: VL041839.D
Acq: 07 Jan 2025 09:51



Tgt Ion: 91 Resp: 51733
Ion Ratio Lower Upper
91 100
106 29.0 23.8 35.8





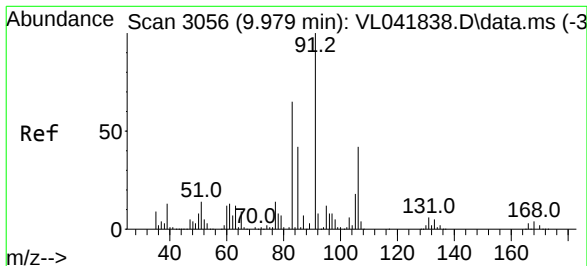
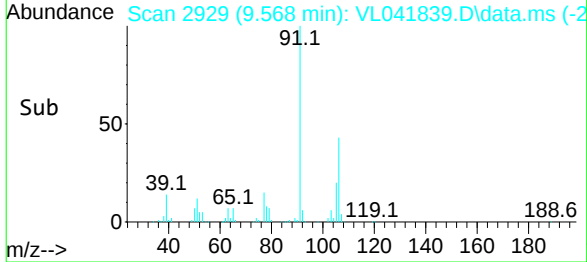
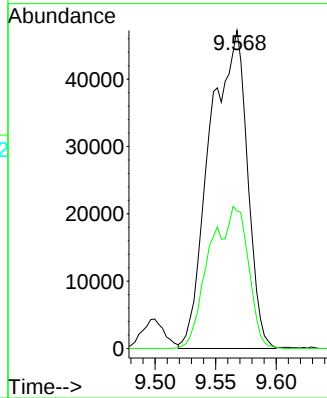
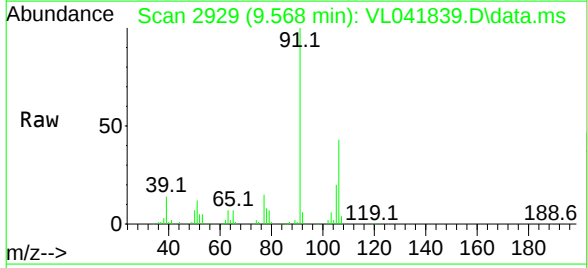
#59
m/p-Xylene
Concen: 4.180 ppbv m
RT: 9.568 min Scan# 29
Delta R.T. 0.003 min
Lab File: VL041839.D
Acq: 07 Jan 2025 09:51

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 91 Resp: 101552
Ion Ratio Lower Upper
91 100
106 46.2 36.7 55.1

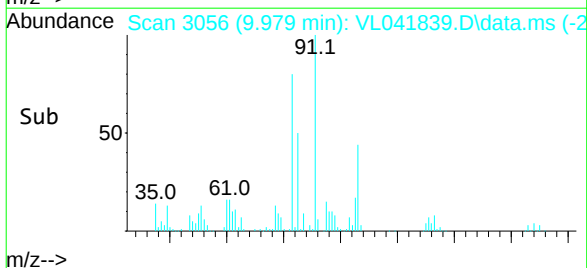
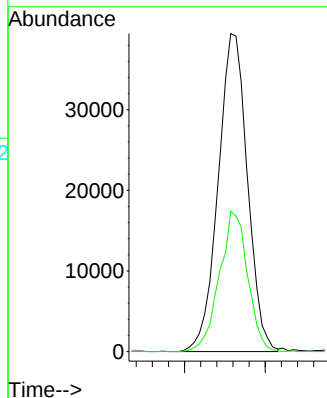
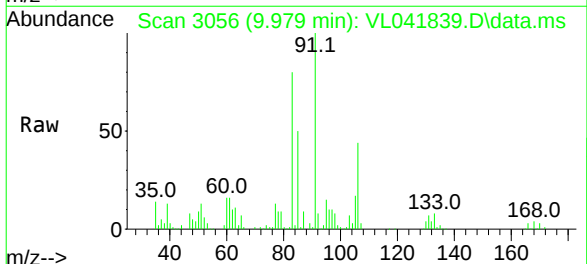
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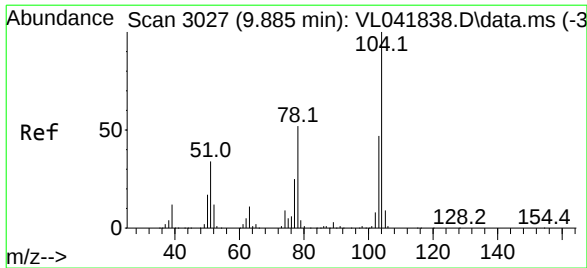
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#60
o-Xylene
Concen: 2.105 ppbv
RT: 9.979 min Scan# 3056
Delta R.T. -0.000 min
Lab File: VL041839.D
Acq: 07 Jan 2025 09:51

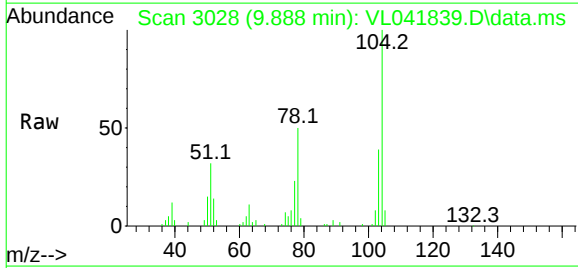
Tgt Ion: 91 Resp: 49709
Ion Ratio Lower Upper
91 100
106 42.6 21.9 65.5





#61
Styrene
Concen: 1.690 ppbv
RT: 9.888 min Scan# 3027
Delta R.T. 0.003 min
Lab File: VL041839.D
Acq: 07 Jan 2025 09:51

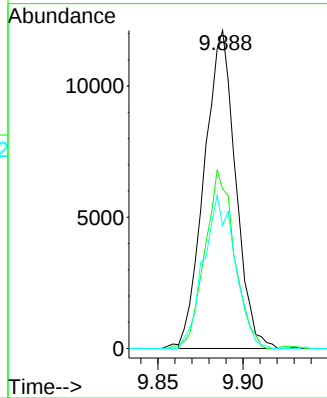
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



Tgt Ion:104 Resp: 15487
Ion Ratio Lower Upper
104 100
78 53.3 42.7 64.1
103 48.7 37.8 56.6

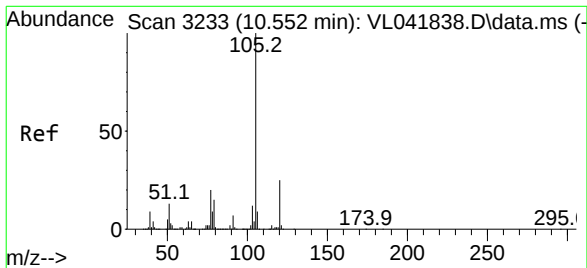
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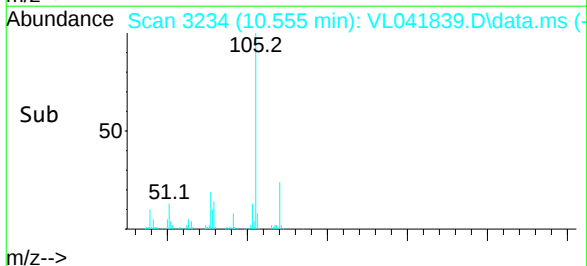
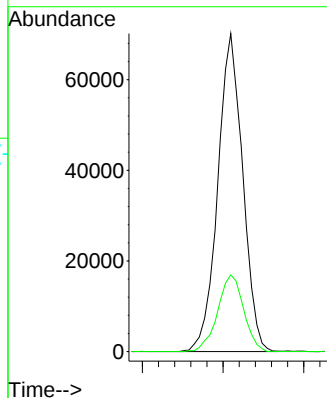
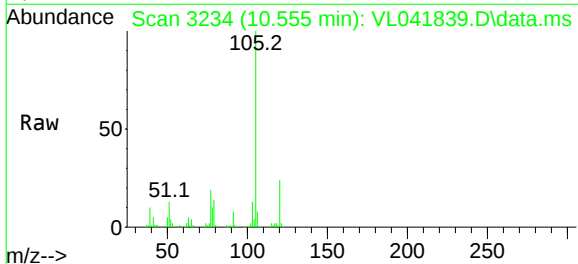
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Supervised By :Mahesh
Dadoda

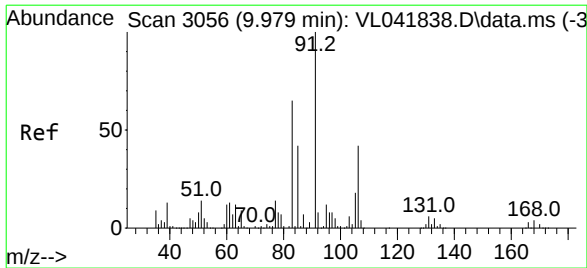
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#62
Isopropylbenzene
Concen: 2.029 ppbv
RT: 10.555 min Scan# 3234
Delta R.T. 0.003 min
Lab File: VL041839.D
Acq: 07 Jan 2025 09:51

Tgt Ion:105 Resp: 75283
Ion Ratio Lower Upper
105 100
120 25.1 20.4 30.6





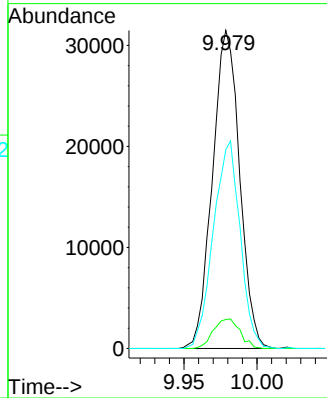
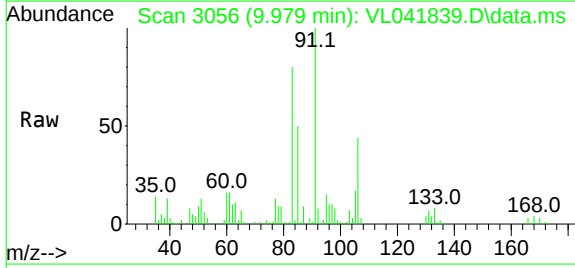
#63
1,1,2,2-Tetrachloroethane
Concen: 1.968 ppbv
RT: 9.979 min Scan# 3056
Delta R.T. -0.000 min
Lab File: VL041839.D
Acq: 07 Jan 2025 09:51

Instrument : MSVOA_L
ClientSampleId : VSTDIC002

Tgt Ion: 83 Resp: 40760
Ion Ratio Lower Upper
83 100
131 9.1 4.8 14.3
85 64.3 31.9 95.9

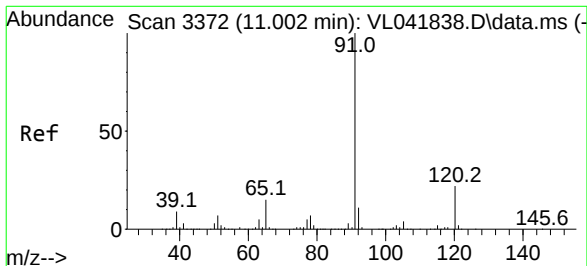
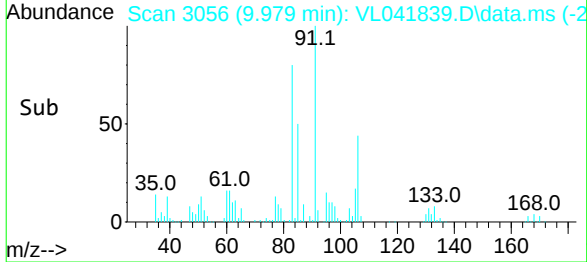
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Supervised By :Mahesh Dadoda 01/09/2025



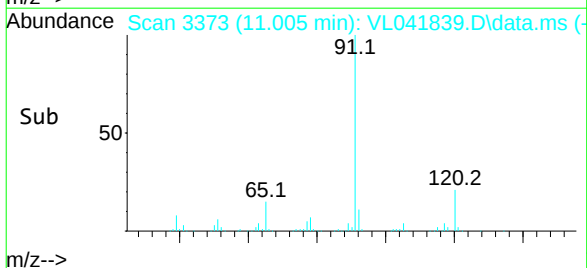
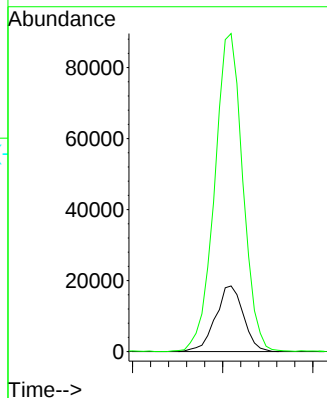
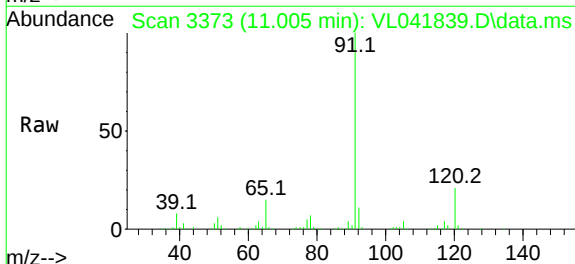
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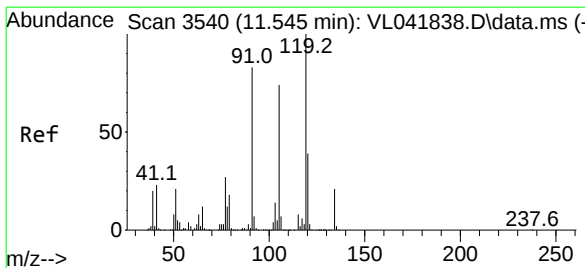
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#64
n-propylbenzene
Concen: 2.082 ppbv
RT: 11.005 min Scan# 3373
Delta R.T. 0.003 min
Lab File: VL041839.D
Acq: 07 Jan 2025 09:51

Tgt Ion:120 Resp: 19823
Ion Ratio Lower Upper
120 100
91 492.6 382.1 573.1





#65

tert-Butylbenzene

Concen: 2.243 ppbv

RT: 11.545 min Scan# 3540

Delta R.T. -0.000 min MSVOA_L

Lab File: VL041839.D

Acq: 07 Jan 2025 09:51

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC002

Tgt Ion: 119 Resp: 74996

Ion Ratio Lower Upper

119 100

91 84.1 68.0 102.0

134 20.2 16.2 24.4

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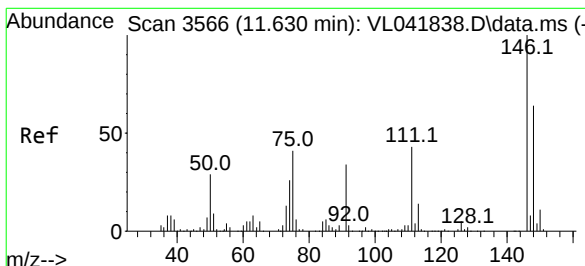
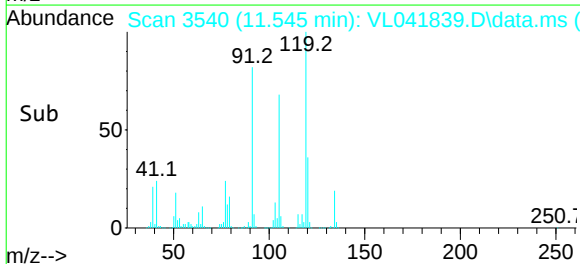
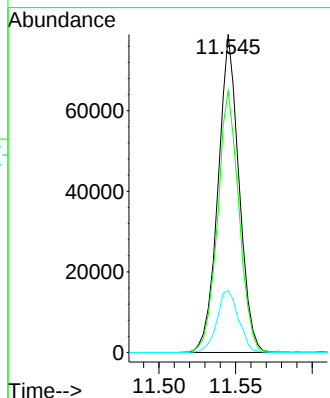
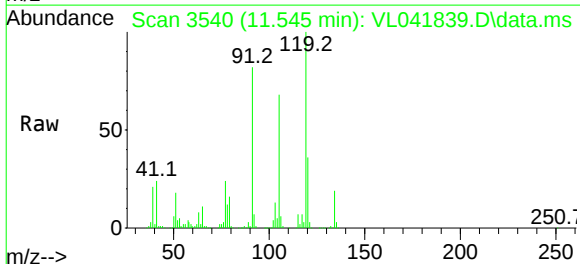
Reviewed By :Semsettin Yesilyurt 01/09/2025

Supervised By :Mahesh Dadoda 01/09/2025

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Supervised By :Mahesh
Dadoda

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#66

Benzyl Chloride

Concen: 1.820 ppbv m

RT: 11.629 min Scan# 3566

Delta R.T. -0.000 min

Lab File: VL041839.D

Acq: 07 Jan 2025 09:51

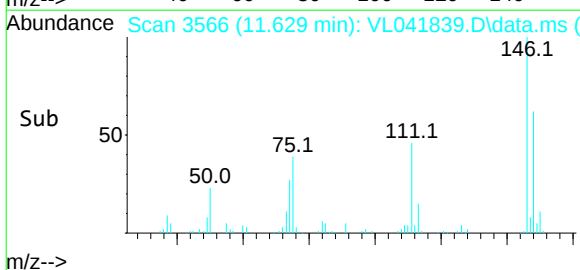
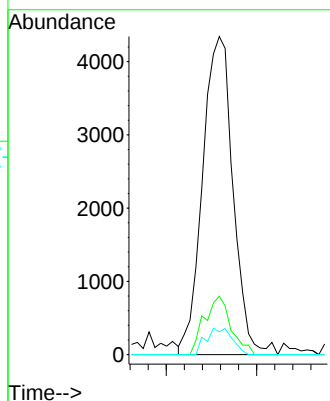
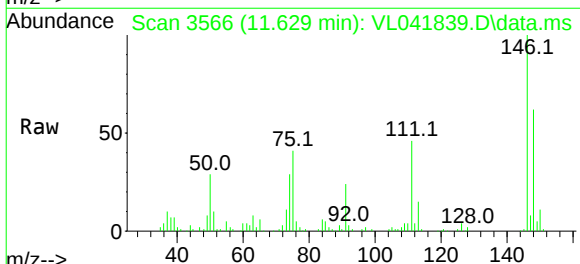
Tgt Ion: 91 Resp: 5086

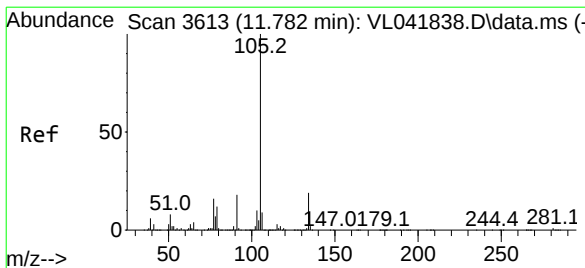
Ion Ratio Lower Upper

91 100

126 16.0 12.1 18.1

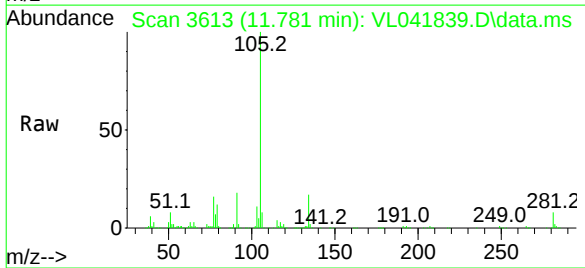
128 7.1 4.3 6.5#





#67
 sec-Butylbenzene
 Concen: 2.198 ppbv
 RT: 11.781 min Scan# 3613
 Delta R.T. -0.000 min
 Lab File: VL041839.D
 Acq: 07 Jan 2025 09:51

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002



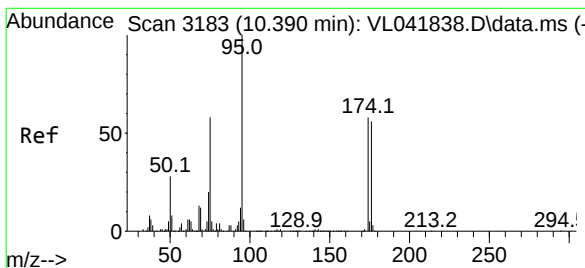
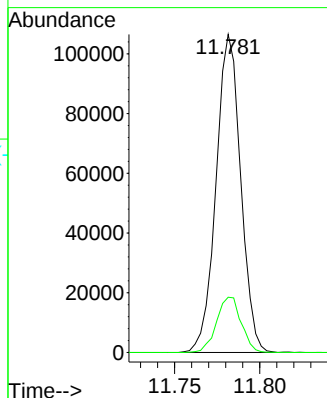
Tgt Ion: 105 Resp: 107222
 Ion Ratio Lower Upper
 105 100
 134 17.4 14.6 22.0

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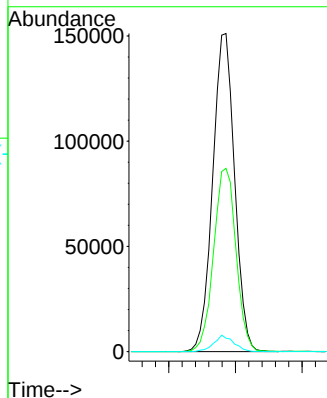
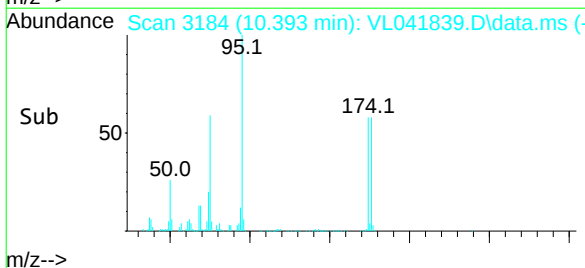
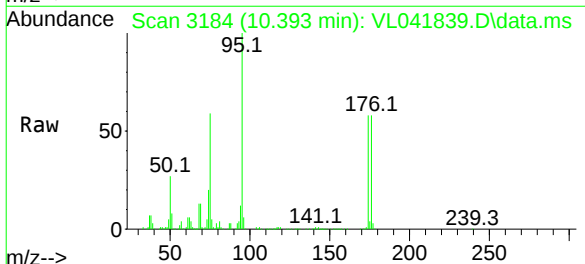
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 Dadoda

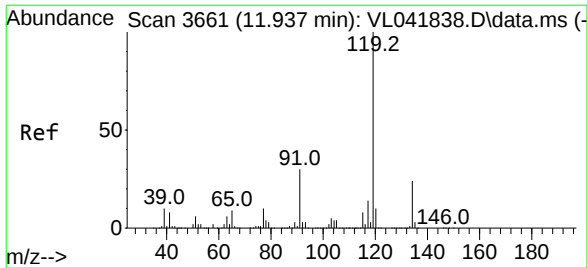
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#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.990 ppbv
 RT: 10.393 min Scan# 3184
 Delta R.T. 0.003 min
 Lab File: VL041839.D
 Acq: 07 Jan 2025 09:51

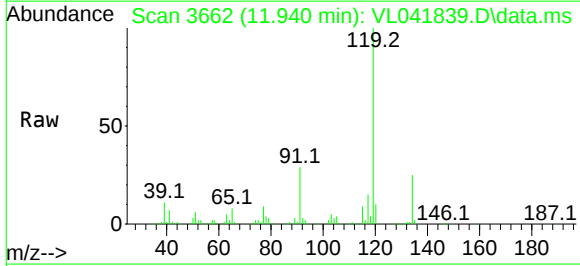
Tgt Ion: 95 Resp: 172685
 Ion Ratio Lower Upper
 95 100
 174 58.9 47.6 71.4
 175 4.6 3.8 5.6





#69
p-Isopropyltoluene
Concen: 2.171 ppbv
RT: 11.940 min Scan# 3661
Delta R.T. 0.003 min
Lab File: VL041839.D
Acq: 07 Jan 2025 09:51

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



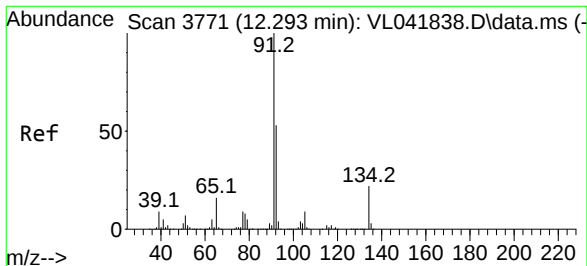
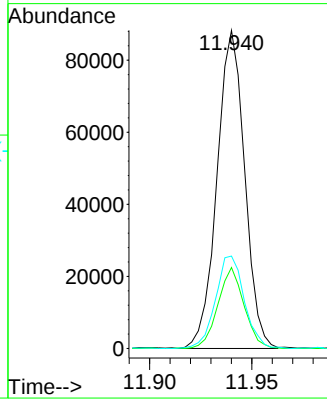
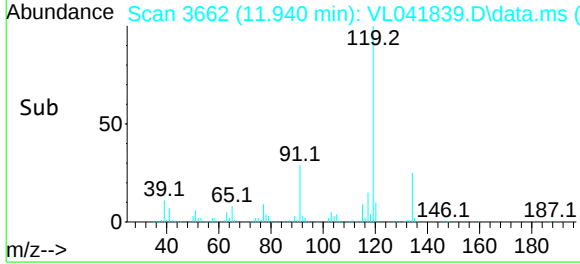
Tgt Ion: 119 Resp: 83161
Ion Ratio Lower Upper
119 100
134 24.1 19.4 29.2
91 30.8 24.0 36.0

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Supervised By : Mahesh Dadoda 01/09/2025

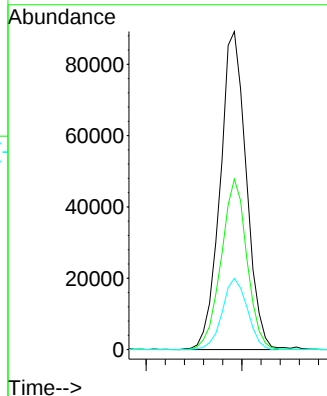
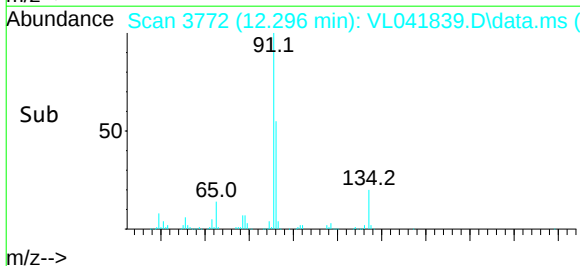
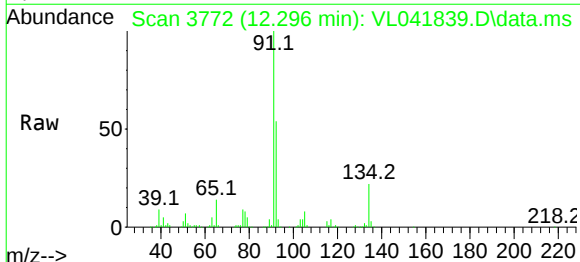
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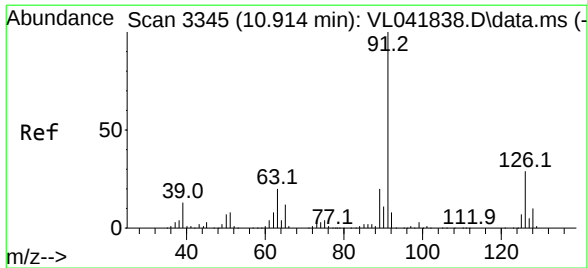
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#70
n-Butylbenzene
Concen: 2.197 ppbv
RT: 12.296 min Scan# 3772
Delta R.T. 0.003 min
Lab File: VL041839.D
Acq: 07 Jan 2025 09:51

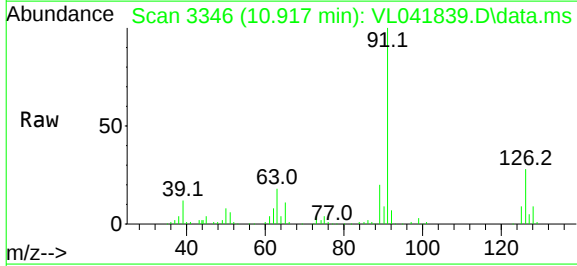
Tgt Ion: 91 Resp: 84529
Ion Ratio Lower Upper
91 100
92 52.8 42.8 64.2
134 21.5 17.8 26.6





#71
2-Chlorotoluene
Concen: 1.994 ppbv
RT: 10.917 min Scan# 3345
Delta R.T. 0.003 min
Lab File: VL041839.D
Acq: 07 Jan 2025 09:51

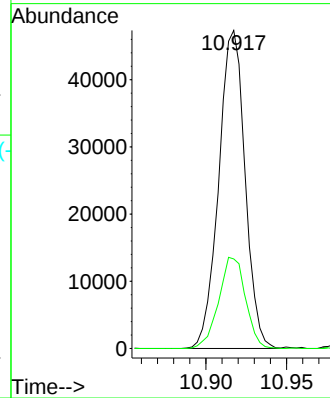
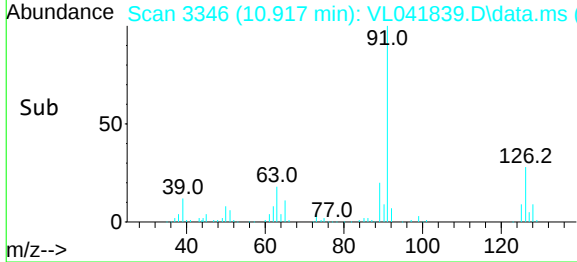
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



Tgt Ion: 91 Resp: 53695
Ion Ratio Lower Upper
91 100
126 29.3 11.6 46.6

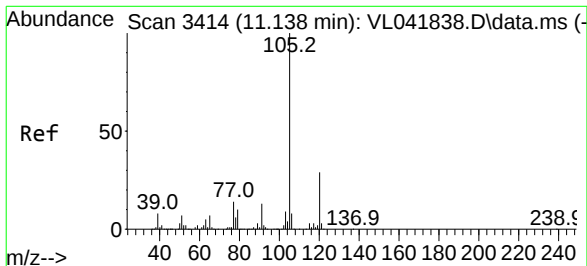
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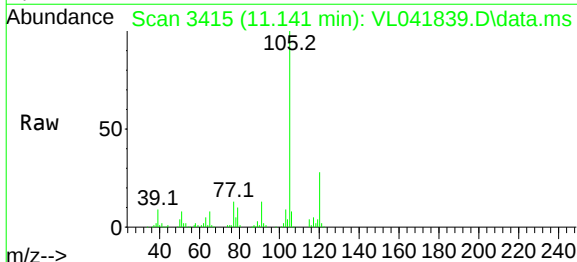


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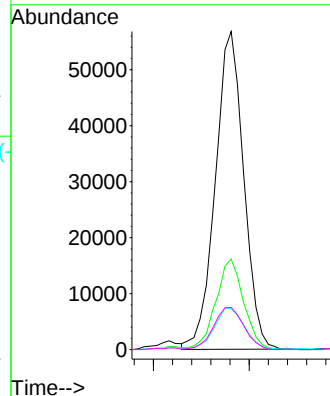
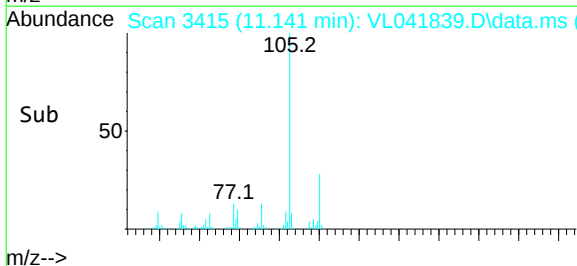
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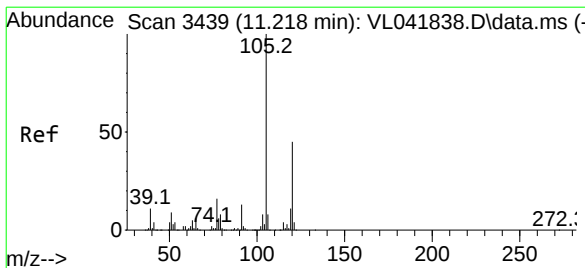


#72
4-Ethyltoluene
Concen: 2.047 ppbv
RT: 11.141 min Scan# 3415
Delta R.T. 0.003 min
Lab File: VL041839.D
Acq: 07 Jan 2025 09:51



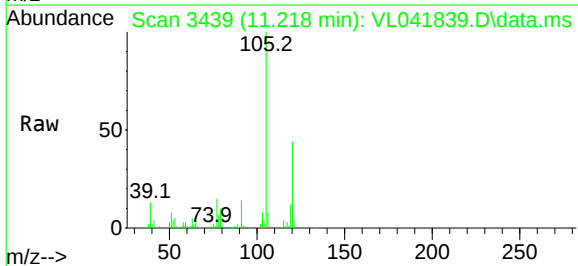
Tgt Ion:105 Resp: 58453
Ion Ratio Lower Upper
105 100
120 28.5 23.4 35.2
91 14.9 10.8 16.2
77 14.7 11.6 17.4





#73
1,3,5-Trimethylbenzene
Concen: 2.062 ppbv
RT: 11.218 min Scan# 3439
Delta R.T. -0.000 min
Lab File: VL041839.D
Acq: 07 Jan 2025 09:51

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



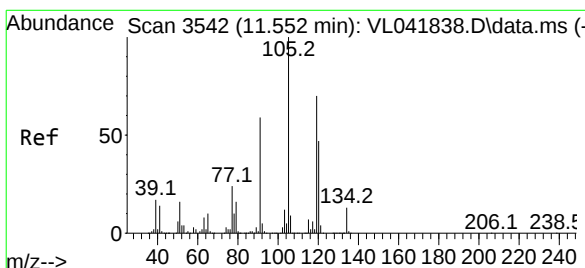
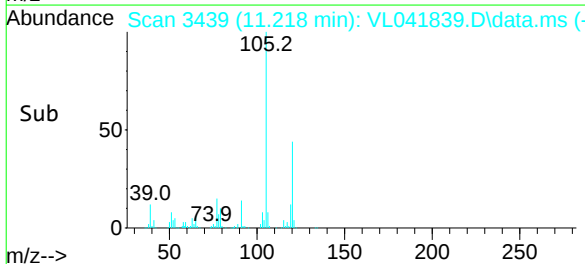
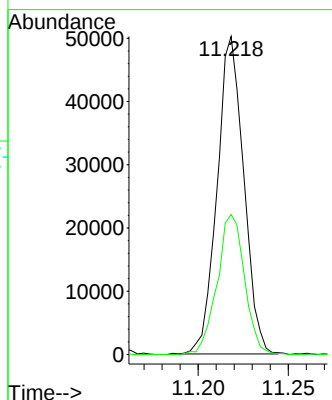
Tgt Ion:105 Resp: 51583
Ion Ratio Lower Upper
105 100
120 44.1 35.9 53.9

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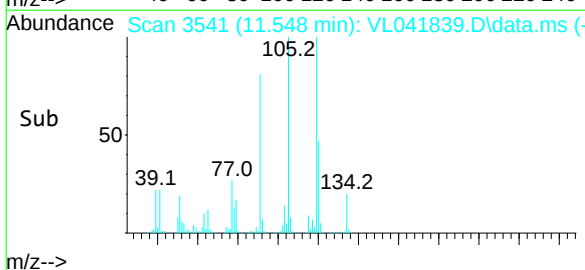
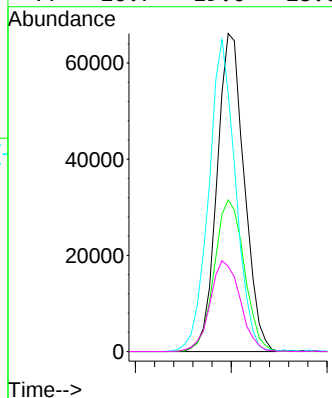
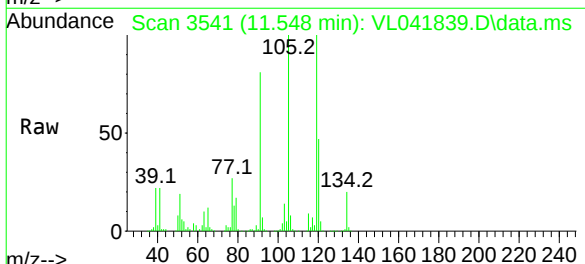
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Supervised By :Mahesh
Dadoda

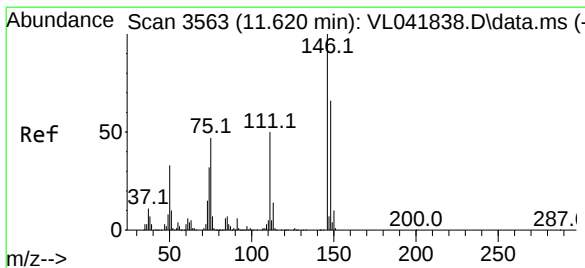
01/09/2025



#74
1,2,4-Trimethylbenzene
Concen: 2.255 ppbv
RT: 11.548 min Scan# 3541
Delta R.T. -0.003 min
Lab File: VL041839.D
Acq: 07 Jan 2025 09:51

Tgt Ion:105 Resp: 65350
Ion Ratio Lower Upper
105 100
120 47.5 37.4 56.0
91 81.1 47.4 71.2#
77 26.7 19.0 28.6





#75

1,3-Dichlorobenzene

Concen: 2.064 ppbv

RT: 11.620 min Scan# 3563

Delta R.T. -0.000 min

Lab File: VL041839.D

Acq: 07 Jan 2025 09:51

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC002

Tgt Ion:	146	Resp:	40038
Ion Ratio	Lower	Upper	
146	100		
111	48.7	24.1	72.2
148	65.2	32.0	96.0

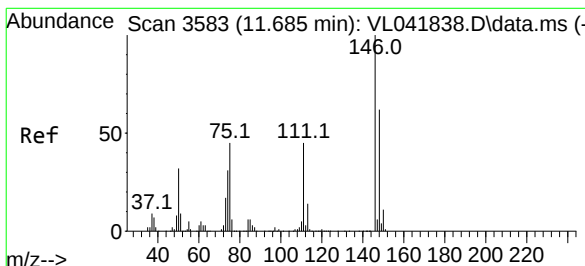
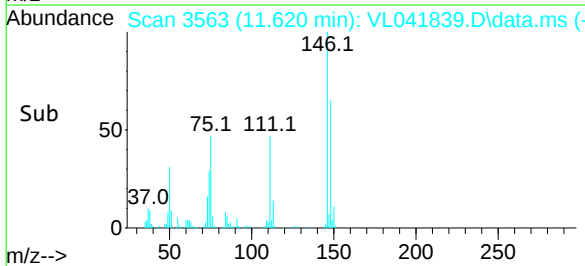
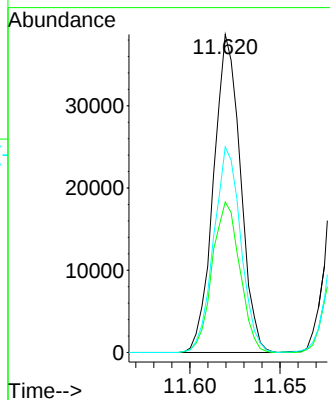
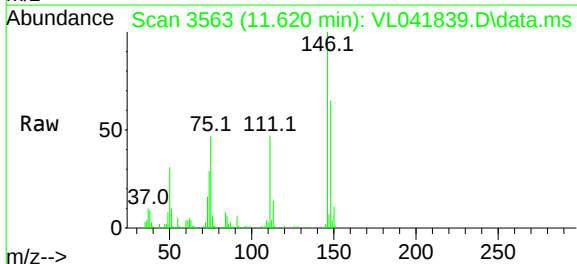
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#76

1,4-Dichlorobenzene

Concen: 2.085 ppbv

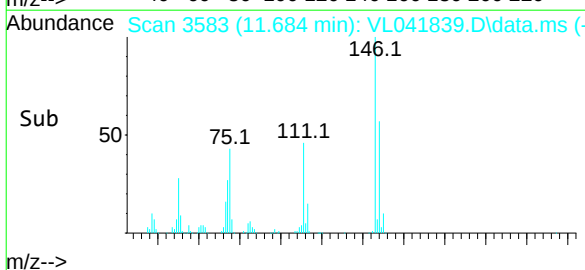
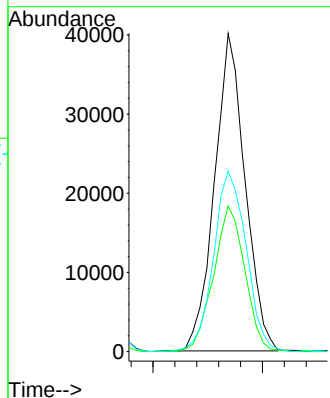
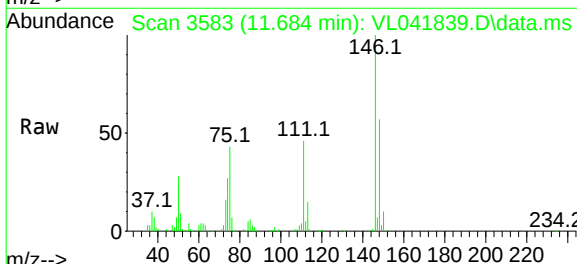
RT: 11.684 min Scan# 3583

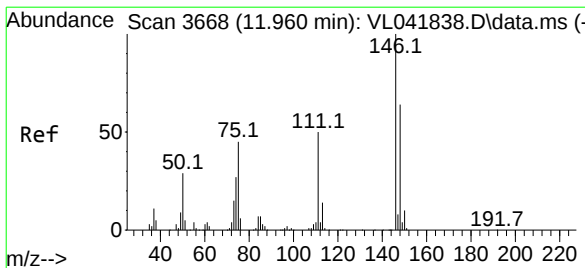
Delta R.T. -0.000 min

Lab File: VL041839.D

Acq: 07 Jan 2025 09:51

Tgt Ion:	146	Resp:	38915
Ion Ratio	Lower	Upper	
146	100		
111	46.9	23.2	69.6
148	61.0	32.1	96.3





#77

1,2-Dichlorobenzene

Concen: 2.121 ppbv

RT: 11.963 min Scan# 3668

Delta R.T. 0.003 min

Lab File: VL041839.D

Acq: 07 Jan 2025 09:51

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC002

Tgt Ion:146 Resp: 42869

Ion Ratio Lower Upper

146 100

111 49.7 24.7 74.1

148 61.9 31.5 94.5

Manual Integrations

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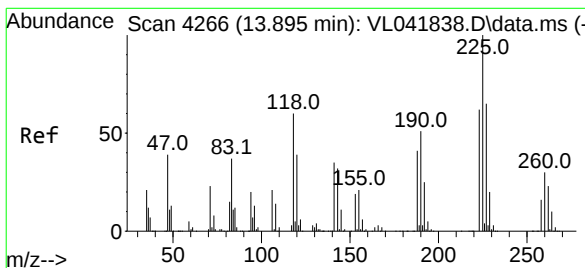
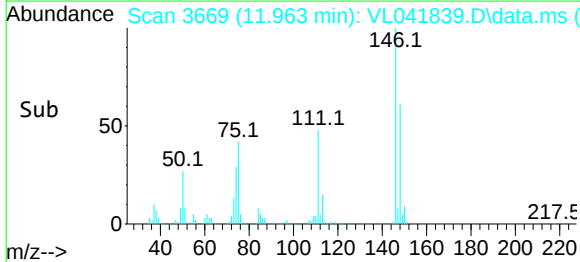
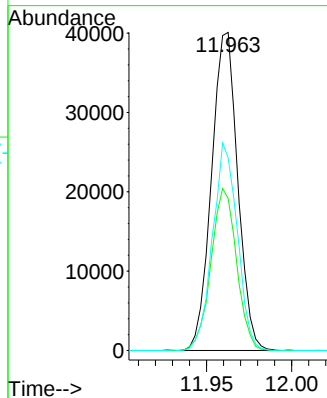
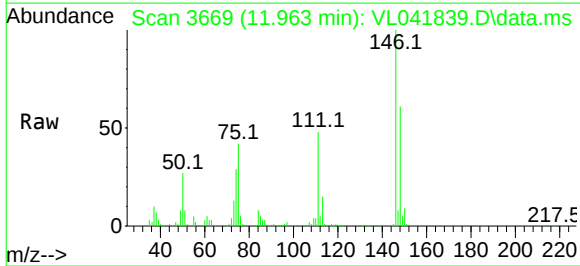
Reviewed By :Semsettin Yesilyurt 01/09/2025

Supervised By :Mahesh Dadoda 01/09/2025

01/09/2025

Supervised By :Mahesh
Dadoda

01/09/2025



#78

Hexachloro-1,3-Butadiene

Concen: 2.208 ppbv

RT: 13.895 min Scan# 4266

Delta R.T. -0.000 min

Lab File: VL041839.D

Acq: 07 Jan 2025 09:51

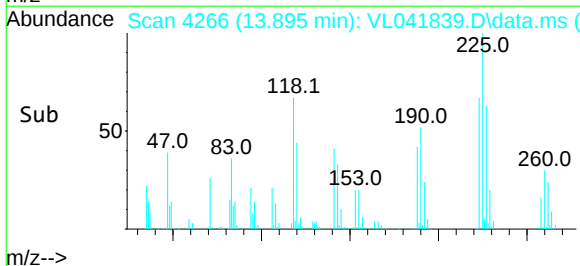
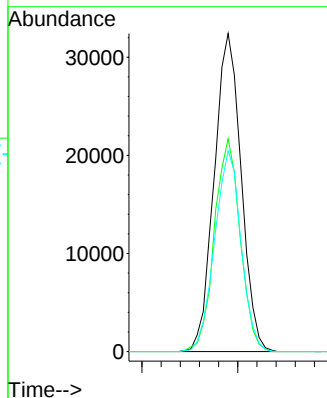
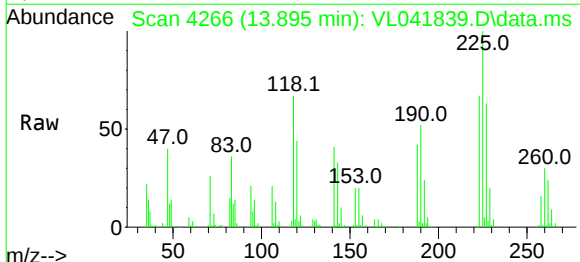
Tgt Ion:225 Resp: 31681

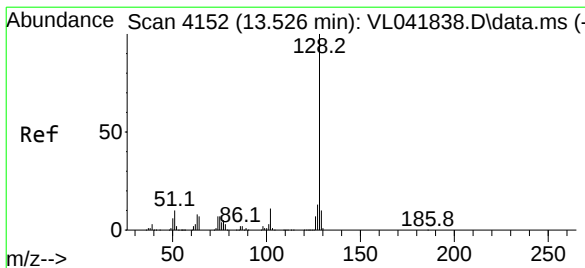
Ion Ratio Lower Upper

225 100

223 63.9 50.4 75.6

227 61.7 51.2 76.8





#79

Naphthalene

Concen: 2.452 ppbv

RT: 13.526 min Scan# 41

Delta R.T. -0.000 min

Lab File: VL041839.D

Acq: 07 Jan 2025 09:51

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC002

Tgt Ion:	128	Resp:	52334
Ion Ratio	Lower	Upper	
128	100		
127	12.5	10.5	15.7
129	10.8	8.2	12.4

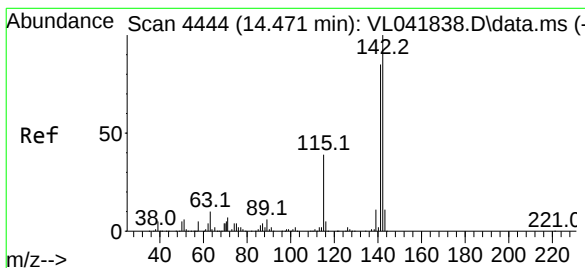
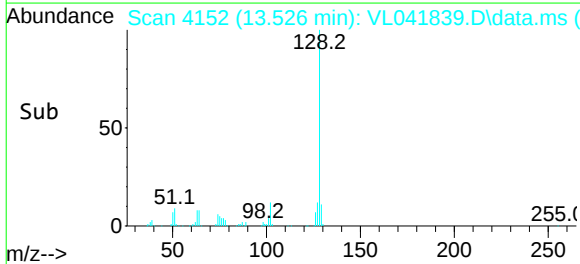
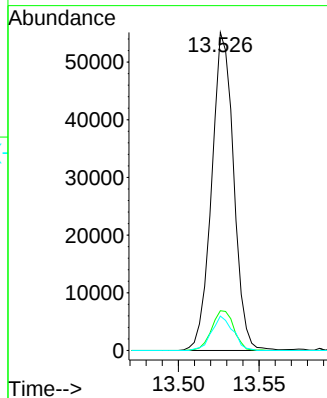
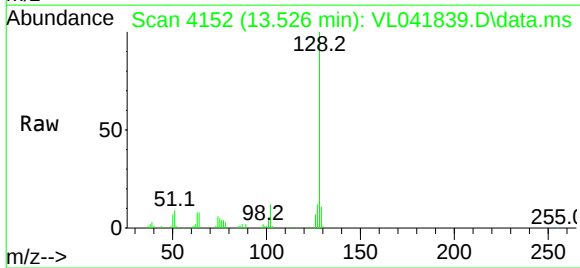
Manual Integrations
APPROVED

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

01/09/2025

Supervised By :Mahesh
Dadoda

01/09/2025



#80

Naphthalene, 2-methyl-

Concen: 2.011 ppbv

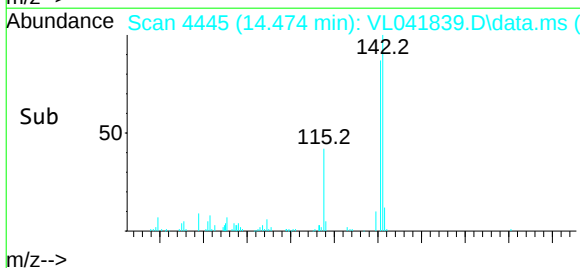
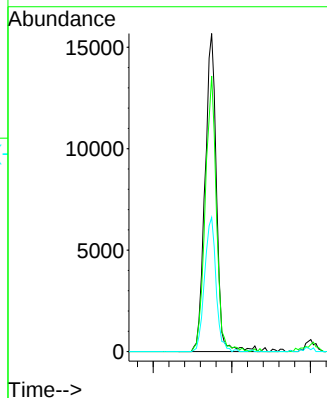
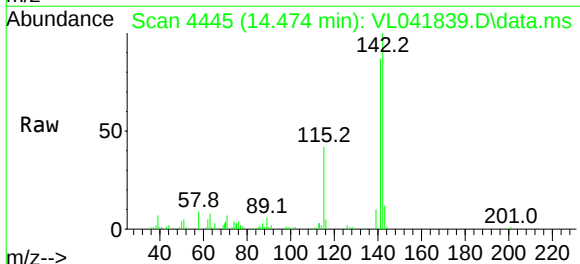
RT: 14.474 min Scan# 4445

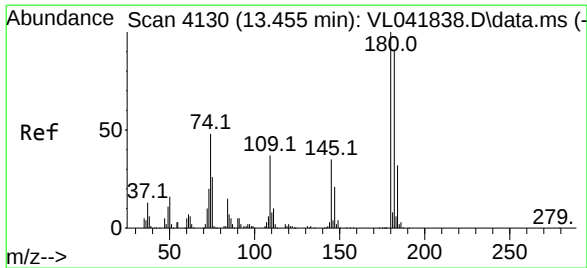
Delta R.T. 0.003 min

Lab File: VL041839.D

Acq: 07 Jan 2025 09:51

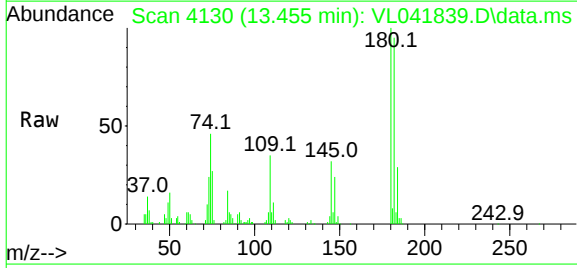
Tgt Ion:	142	Resp:	15888
Ion Ratio	Lower	Upper	
142	100		
141	84.5	67.8	101.8
115	42.1	32.6	48.8





#81
1,2,4-Trichlorobenzene
Concen: 2.240 ppbv
RT: 13.455 min Scan# 41
Delta R.T. -0.000 min
Lab File: VL041839.D
Acq: 07 Jan 2025 09:51

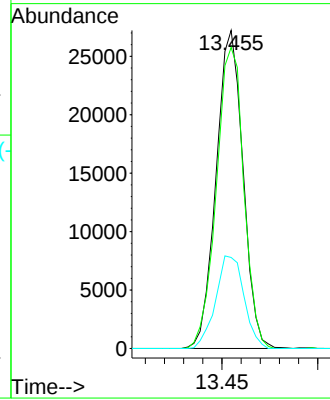
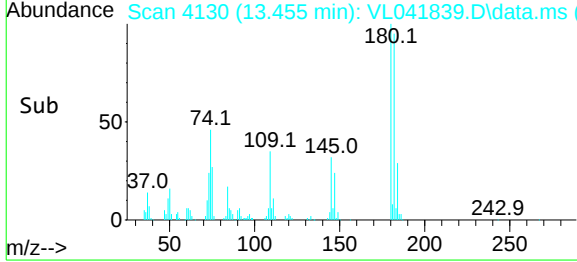
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



Tgt	Ion:180	Resp:	26499
Ion	Ratio	Lower	Upper
180	100		
182	96.4	75.9	113.9
184	30.7	24.8	37.2

Manual Integrations
APPROVED

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



01/09/2025
Supervised By :Mahesh
Dadoda

01/09/2025