

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050125\
 Data File : VL042460.D
 Acq On : 01 May 2025 10:08
 Operator : SY/MD
 Sample : VSTDICC001
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC001

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 05/02/2025
 Supervised By :Mahesh Dadoda 05/05/2025

Quant Time: May 02 01:41:24 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL050125AIR.M

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

QLast Update : Fri May 02 01:37:48 2025

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.784	49	71499	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.955	114	200111	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.881	117	170872	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 10.374 95 158600 10.011 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 100.100%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.499	85	11796	0.997	ppbv	96
3) Chlorodifluoromethane	1.476	51	13375	1.069	ppbv	96
4) Chloromethane	1.531	50	4975	1.006	ppbv	95
5) Vinyl Chloride	1.576	62	4469	0.898	ppbv	100
6) Bromomethane	1.667	94	2570	1.092	ppbv	86
7) Chloroethane	1.703	64	1943	1.057	ppbv	94
8) Dichlorotetrafluoroethane	1.554	85	9804	1.005	ppbv	91
9) Propene	1.482	41	4331	1.058	ppbv	88
10) Heptane	4.975	43	11681m	1.101	ppbv	
11) Trichlorofluoromethane	1.877	101	10649m	1.009	ppbv	
12) 1,1,2-Trichlorotrifluo...	2.140	101	8821	1.012	ppbv	97
13) Ethanol	1.719	45	975	1.174	ppbv #	52
14) Bromoethene	1.780	108	3164	0.983	ppbv #	91
15) Acetone	1.835	43	14974	1.147	ppbv	98
16) 1,3-Butadiene	1.609	39	6248	1.085	ppbv	96
17) tert-Butyl alcohol	2.039	59	11546	1.004	ppbv #	91
18) 1,1-Dichloroethene	2.033	96	4200	1.032	ppbv	86
19) Isopropyl Alcohol	1.884	45	7775	1.076	ppbv	99
20) Methylene Chloride	2.059	84	3909	0.996	ppbv	86
21) Allyl Chloride	2.094	41	8443	1.006	ppbv	94
22) trans-1,2-Dichloroethene	2.337	96	5305	1.116	ppbv	88
23) Vinyl Acetate	2.460	43	10876	0.894	ppbv #	94
24) 1,1-Dichloroethane	2.405	63	10477	1.080	ppbv	97
25) Ethyl Acetate	2.835	43	21761	1.041	ppbv	99
26) Hexane	2.822	57	9223	1.013	ppbv	97
27) Carbon Disulfide	2.149	76	10342	0.973	ppbv #	21
28) Methyl tert-Butyl Ether	2.441	73	6101	1.115	ppbv	93
29) Chloroform	2.848	83	17744	1.040	ppbv	97
30) Cyclohexane	3.852	84	7139	0.938	ppbv	88
31) cis-1,2-Dichloroethene	2.719	61	11472	1.080	ppbv	87
32) 1,1,1-Trichloroethane	3.366	97	17881	0.966	ppbv	98
34) 2-Butanone	2.560	43	14641	1.012	ppbv	94
35) Carbon Tetrachloride	3.755	117	18704	1.075	ppbv #	76
36) Benzene	3.654	78	19493	1.032	ppbv #	94
37) 1,2-Dichloroethane	3.214	62	15116	1.039	ppbv	98
38) Trichloroethene	4.541	130	7278m	1.011	ppbv	
39) 1,2-Dichloropropane	4.302	63	8103m	1.145	ppbv	
40) 1,4-Dioxane	4.593	88	3703m	1.126	ppbv	
41) Tetrahydrofuran	3.062	42	7091m	1.033	ppbv	
42) Bromodichloromethane	4.486	83	18427	1.036	ppbv #	81
43) Methyl Methacrylate	4.874	69	6829m	0.971	ppbv	
44) 2,2,4-Trimethylpentane	4.635	57	31820m	1.043	ppbv	
45) t-1,3-Dichloropropene	6.409	75	8461m	0.914	ppbv	

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 ClientSampleId :
 VSTDICC001

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 05/02/2025
 Supervised By :Mahesh Dadoda 05/05/2025

Quant Time: May 02 01:41:24 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL050125AIR.M

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

QLast Update : Fri May 02 01:37:48 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.596	75	10781m	0.981	ppbv	
47) 1,1,2-Trichloroethane	6.583	97	8183m	1.055	ppbv	
48) Dibromochloromethane	7.386	129	12859m	0.982	ppbv	
49) Bromoform	9.483	173	10709	0.976	ppbv	97
50) 4-Methyl-2-Pentanone	5.768	43	19618m	1.072	ppbv	
51) 2-Hexanone	7.448	43	15091m	1.030	ppbv	
52) Tetrachloroethene	8.221	164	6780	0.943	ppbv	86
53) Toluene	6.930	91	19390	0.970	ppbv	97
54) 1,2-Dibromoethane	7.655	107	11980	1.005	ppbv	91
56) 1,1,1,2-Tetrachloroethane	8.920	131	10811	1.071	ppbv	94
57) Chlorobenzene	8.917	112	18111	1.055	ppbv	90
58) Ethyl Benzene	9.354	91	27914	0.978	ppbv	97
59) m/p-Xylene	9.548	91	47105m	1.968	ppbv	
60) o-Xylene	9.962	91	23806	0.995	ppbv	98
61) Styrene	9.872	104	8537	0.954	ppbv	98
62) Isopropylbenzene	10.539	105	34679	1.003	ppbv	98
63) 1,1,2,2-Tetrachloroethane	9.962	83	16837	1.084	ppbv	98
64) n-propylbenzene	10.985	120	8958	1.064	ppbv	86
65) tert-Butylbenzene	11.529	119	30604	0.992	ppbv	95
66) Benzyl Chloride	11.613	91	3486	0.978	ppbv #	96
67) sec-Butylbenzene	11.765	105	43740	0.998	ppbv	98
69) p-Isopropyltoluene	11.927	119	37011	1.002	ppbv	99
70) n-Butylbenzene	12.280	91	37892	0.992	ppbv	97
71) 2-Chlorotoluene	10.898	91	26813	0.989	ppbv	99
72) 4-Ethyltoluene	11.124	105	28149	0.996	ppbv	96
73) 1,3,5-Trimethylbenzene	11.202	105	25073	1.009	ppbv	97
74) 1,2,4-Trimethylbenzene	11.535	105	30550	1.016	ppbv	92
75) 1,3-Dichlorobenzene	11.607	146	17456	1.043	ppbv	98
76) 1,4-Dichlorobenzene	11.671	146	16151	1.019	ppbv	99
77) 1,2-Dichlorobenzene	11.947	146	17207	1.050	ppbv	94
78) Hexachloro-1,3-Butadiene	13.879	225	18472	1.129	ppbv	98
79) Naphthalene	13.513	128	28316	1.123	ppbv #	94
80) Naphthalene,2-methyl-	14.458	142	15804	0.840	ppbv	93
81) 1,2,4-Trichlorobenzene	13.439	180	13644	1.011	ppbv	96

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

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ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 05/02/2025
Supervised By :Mahesh Dadoda 05/05/2025

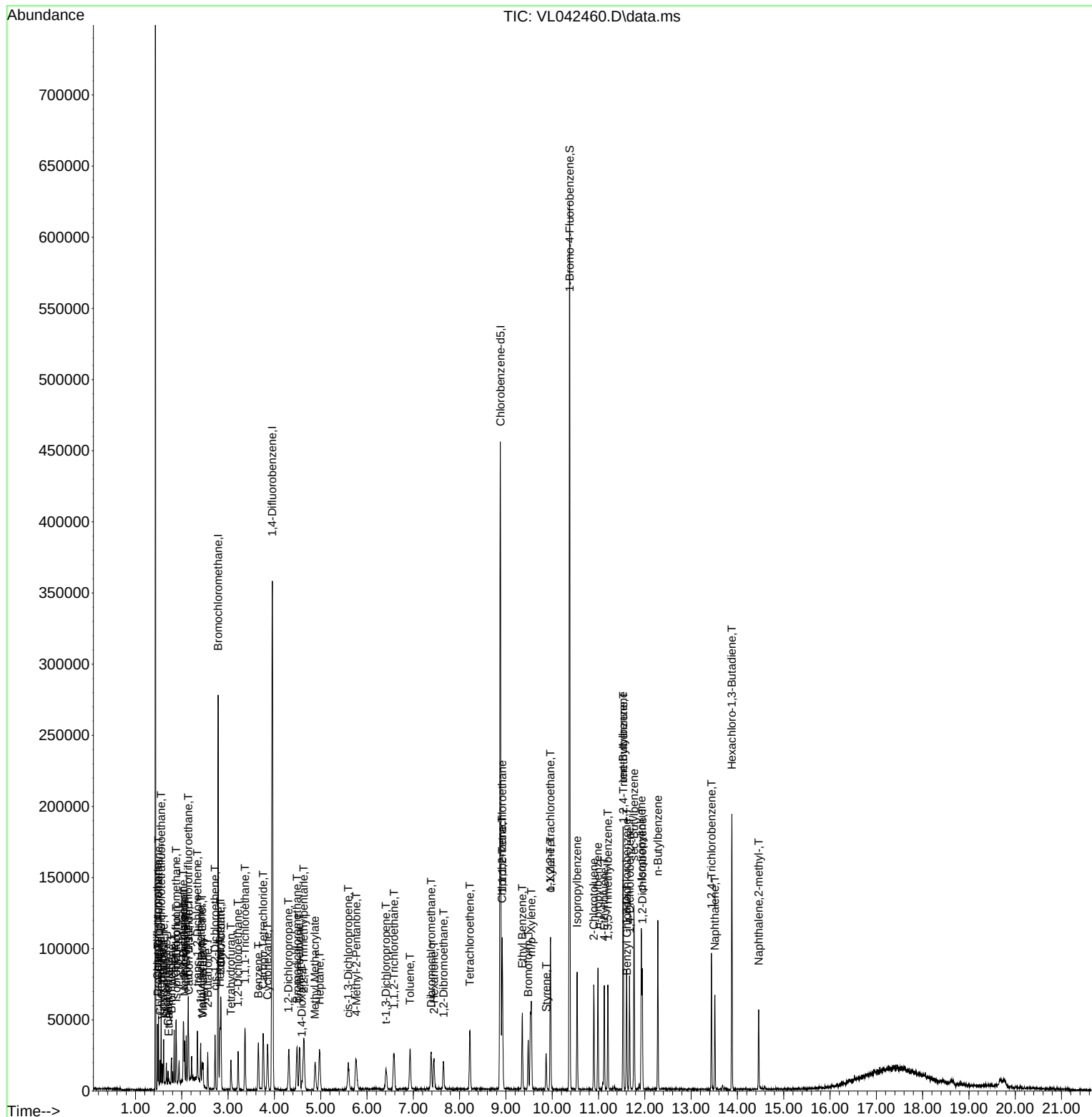
Quant Time: May 02 01:41:24 2025

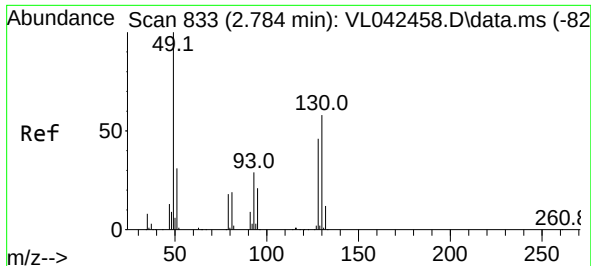
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL050125AIR.M

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

QLast Update : Fri May 02 01:37:48 2025

Response via : Initial Calibration





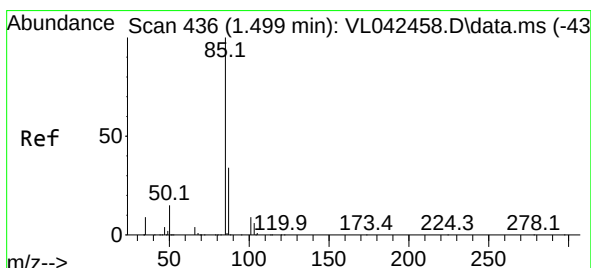
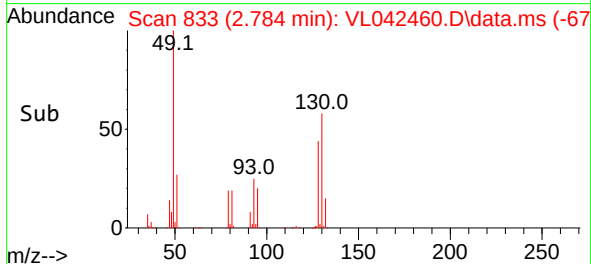
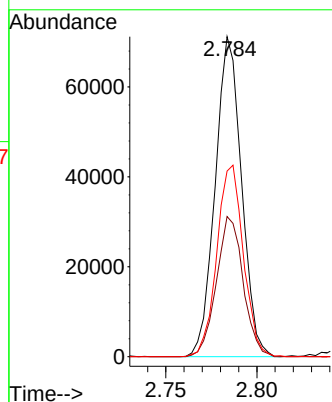
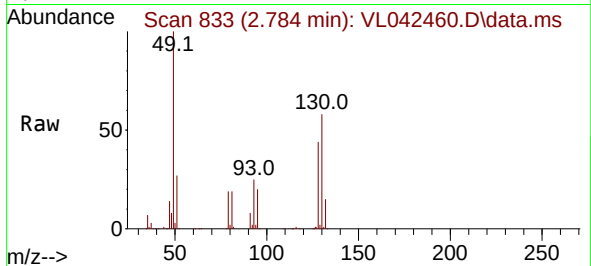
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Bromochloromethane
Concen: 10.000 ppbv
RT: 2.784 min Scan# 833
Delta R.T. -0.000 min
Lab File: VL042460.D
Acq: 01 May 2025 10:08

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion: 49 Resp: 71499
Ion Ratio Lower Upper
49 100
128 44.3 23.3 69.9
130 60.4 29.5 88.6

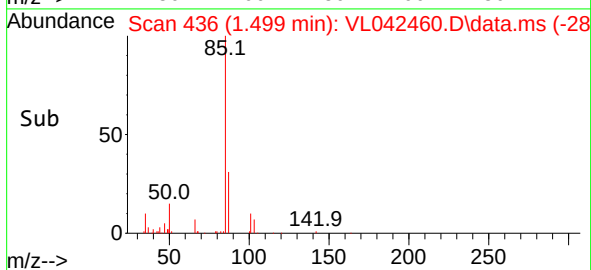
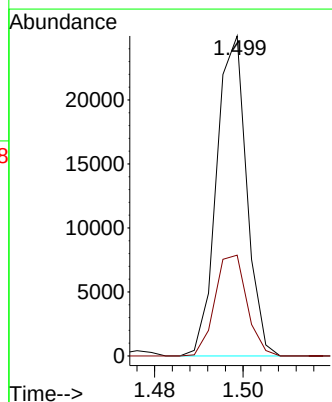
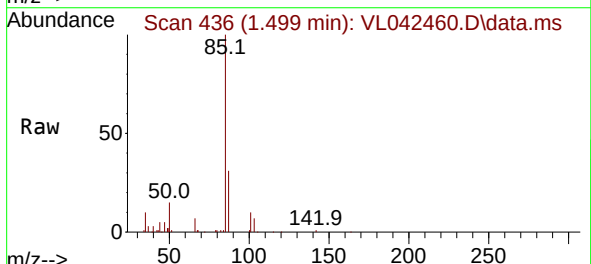
Manual Integrations
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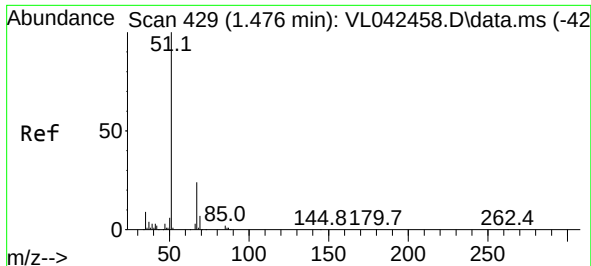
Reviewed By :Semsettin Yesilyurt 05/02/2025
Supervised By :Mahesh Dadoda 05/05/2025



#2
Dichlorodifluoromethane
Concen: 0.997 ppbv
RT: 1.499 min Scan# 436
Delta R.T. -0.000 min
Lab File: VL042460.D
Acq: 01 May 2025 10:08

Tgt Ion: 85 Resp: 11796
Ion Ratio Lower Upper
85 100
87 31.5 26.9 40.3





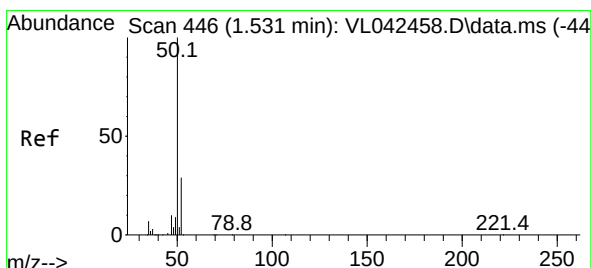
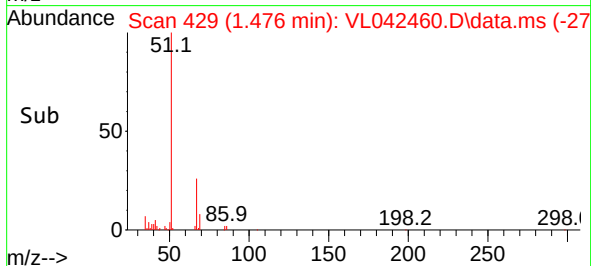
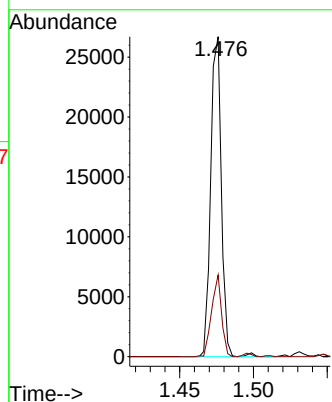
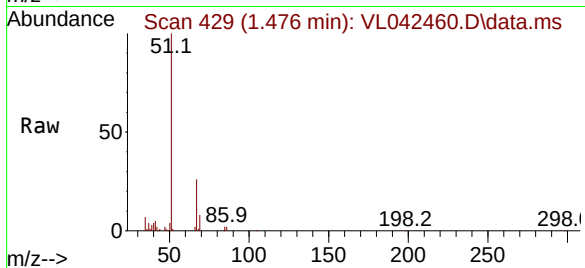
#3
Chlorodifluoromethane
Concen: 1.069 ppbv
RT: 1.476 min Scan# 429
Delta R.T. -0.000 min
Lab File: VL042460.D
Acq: 01 May 2025 10:08

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 51 Resp: 13375
Ion Ratio Lower Upper
51 100
67 24.9 18.4 27.6

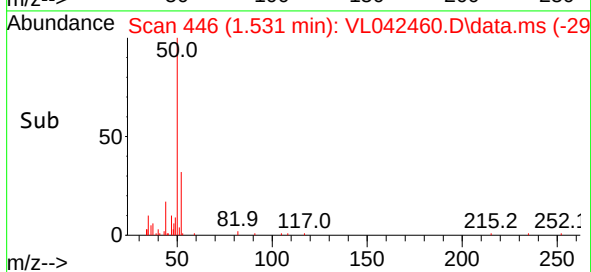
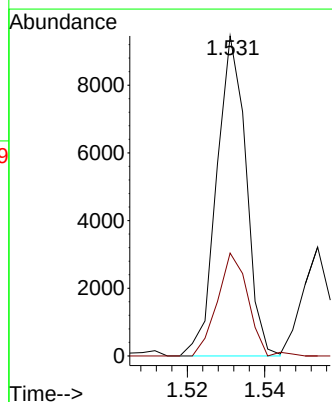
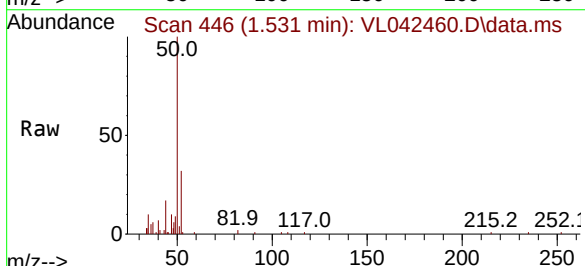
Manual Integrations
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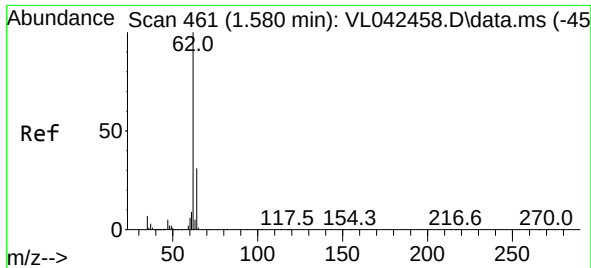
Reviewed By :Semsettin Yesilyurt 05/02/2025
Supervised By :Mahesh Dadoda 05/05/2025



#4
Chloromethane
Concen: 1.006 ppbv
RT: 1.531 min Scan# 446
Delta R.T. -0.000 min
Lab File: VL042460.D
Acq: 01 May 2025 10:08

Tgt Ion: 50 Resp: 4975
Ion Ratio Lower Upper
50 100
52 32.1 23.5 35.3





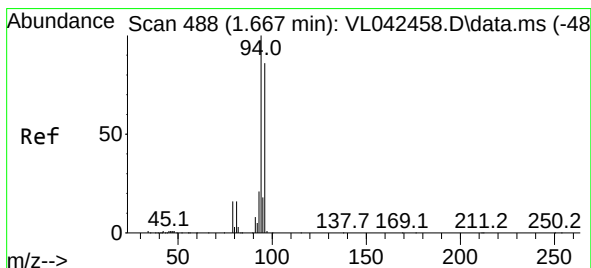
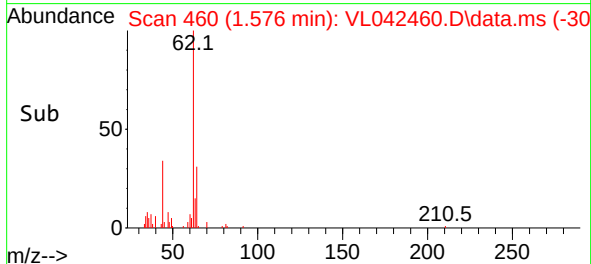
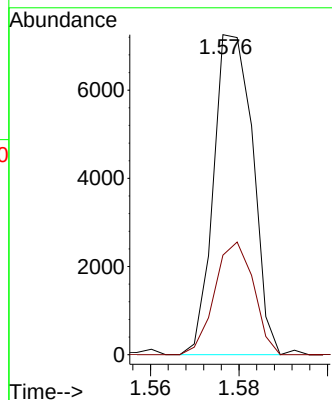
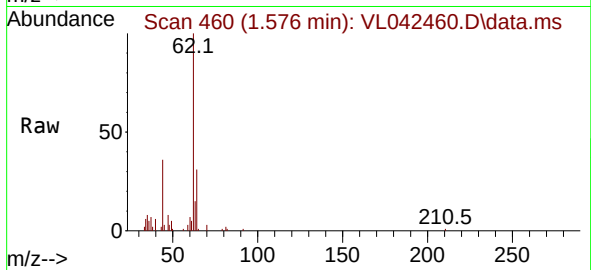
#5
 Vinyl Chloride
 Concen: 0.898 ppbv
 RT: 1.576 min Scan# 460
 Delta R.T. -0.003 min
 Lab File: VL042460.D
 Acq: 01 May 2025 10:08

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001

Tgt Ion: 62 Resp: 4469
 Ion Ratio Lower Upper
 62 100
 64 31.1 24.9 37.3

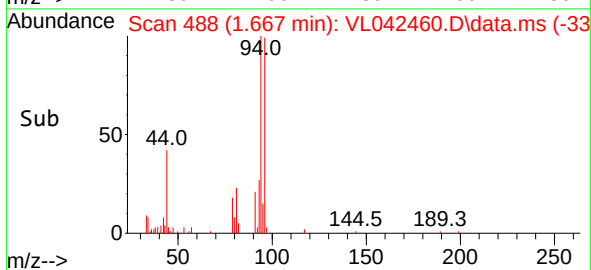
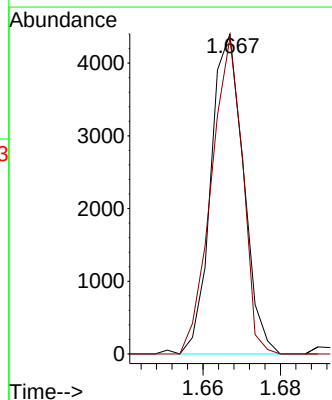
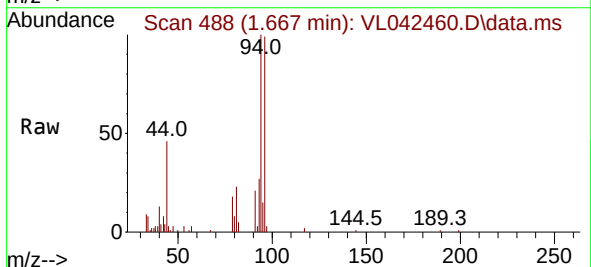
Manual Integrations
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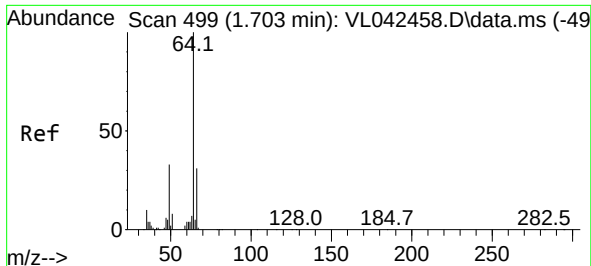
Reviewed By :Semsettin Yesilyurt 05/02/2025
 Supervised By :Mahesh Dadoda 05/05/2025



#6
 Bromomethane
 Concen: 1.092 ppbv
 RT: 1.667 min Scan# 488
 Delta R.T. -0.000 min
 Lab File: VL042460.D
 Acq: 01 May 2025 10:08

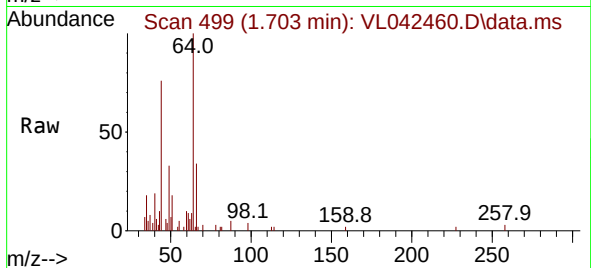
Tgt Ion: 94 Resp: 2570
 Ion Ratio Lower Upper
 94 100
 96 99.0 68.8 103.2





#7
Chloroethane
Concen: 1.057 ppbv
RT: 1.703 min Scan# 499
Delta R.T. -0.000 min
Lab File: VL042460.D
Acq: 01 May 2025 10:08

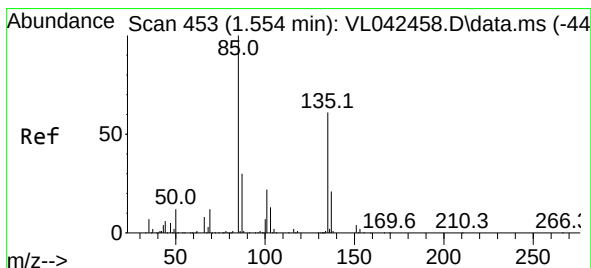
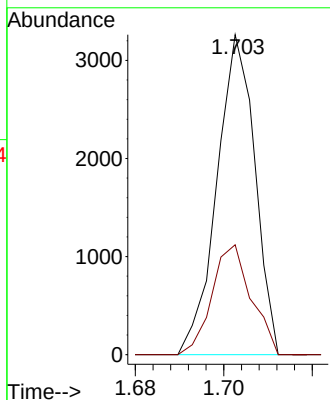
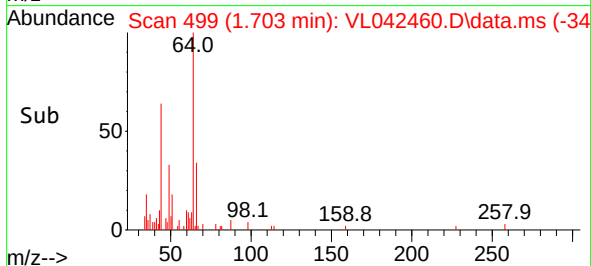
Instrument :
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ClientSampleId :
VSTDICC001



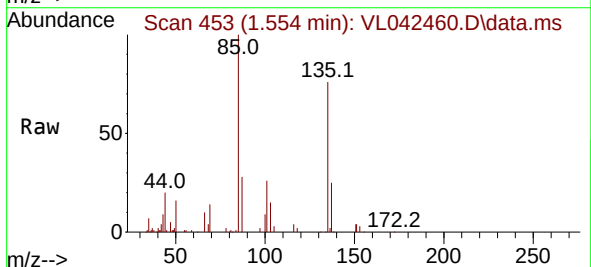
Tgt Ion: 64 Resp: 194
Ion Ratio Lower Upper
64 100
66 34.4 25.0 37.4

Manual Integrations
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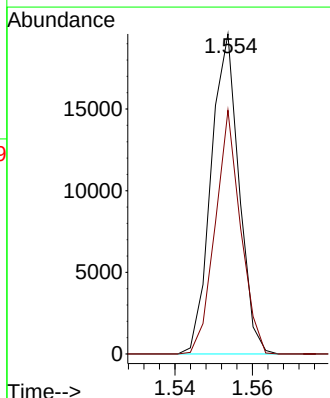
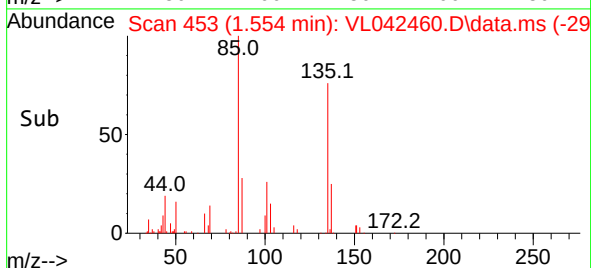
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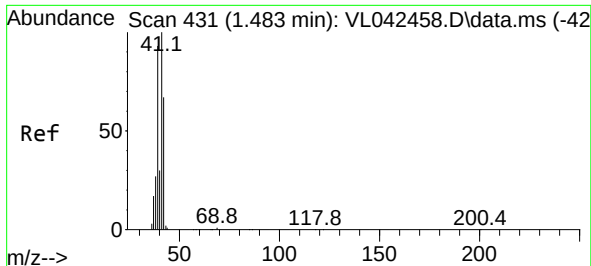


#8
Dichlorotetrafluoroethane
Concen: 1.005 ppbv
RT: 1.554 min Scan# 453
Delta R.T. -0.000 min
Lab File: VL042460.D
Acq: 01 May 2025 10:08



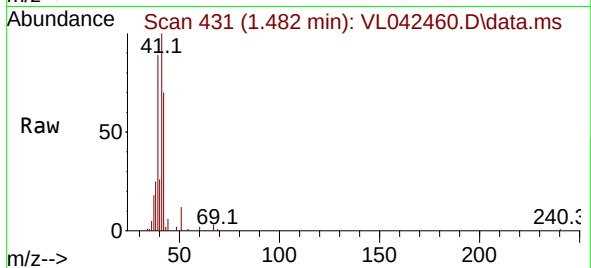
Tgt Ion: 85 Resp: 9804
Ion Ratio Lower Upper
85 100
135 69.3 49.8 74.8





#9
 Propene
 Concen: 1.058 ppbv
 RT: 1.482 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VL042460.D
 Acq: 01 May 2025 10:08

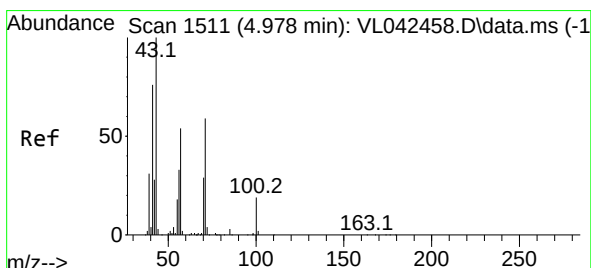
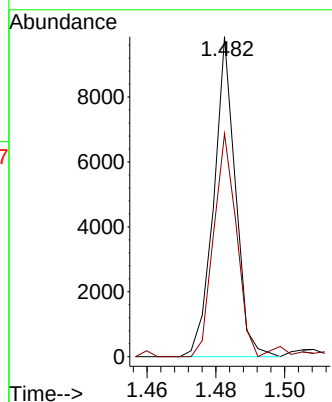
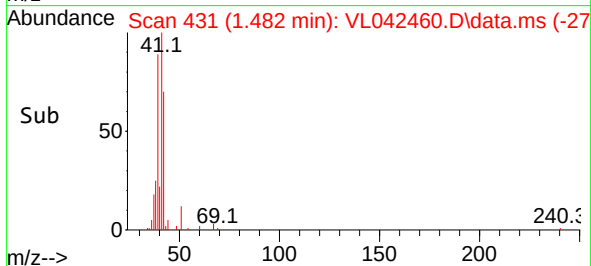
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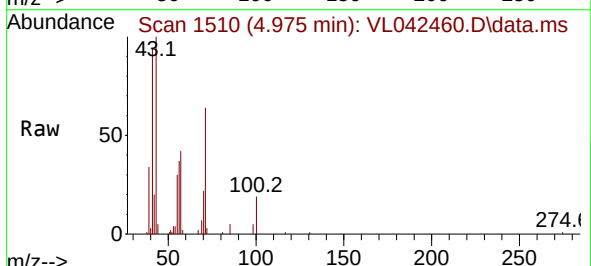
Tgt Ion: 41 Resp: 433
 Ion Ratio Lower Upper
 41 100
 42 77.9 54.3 81.5

Manual Integrations
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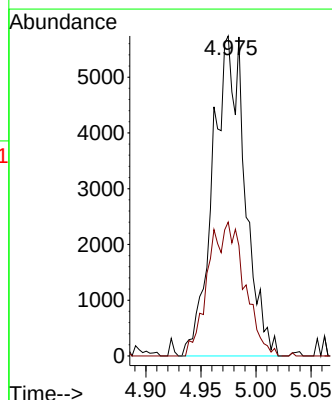
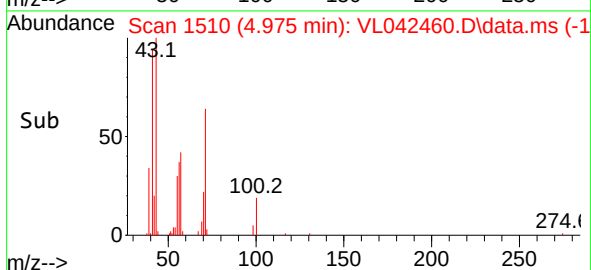
Reviewed By :Semsettin Yesilyurt 05/02/2025
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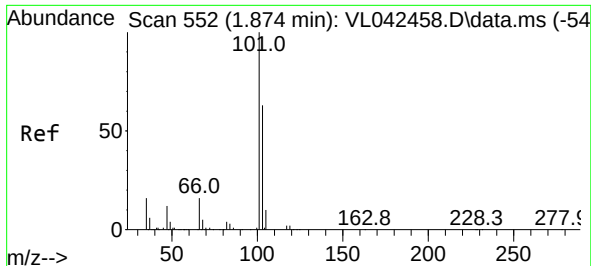


#10
 Heptane
 Concen: 1.101 ppbv m
 RT: 4.975 min Scan# 1510
 Delta R.T. -0.003 min
 Lab File: VL042460.D
 Acq: 01 May 2025 10:08



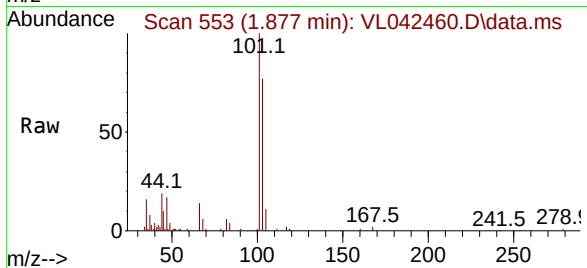
Tgt Ion: 43 Resp: 11681
 Ion Ratio Lower Upper
 43 100
 57 47.3 41.8 62.8





#11
Trichlorofluoromethane
Concen: 1.009 ppbv m
RT: 1.877 min Scan# 511
Delta R.T. 0.003 min
Lab File: VL042460.D
Acq: 01 May 2025 10:08

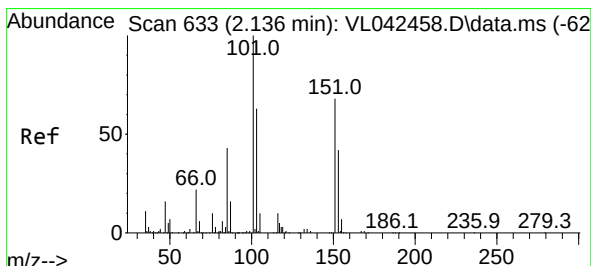
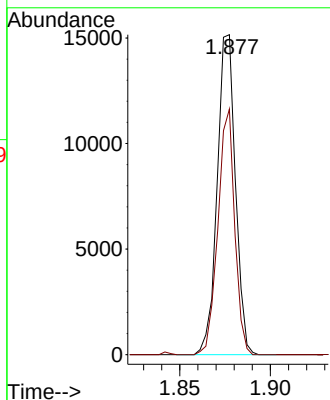
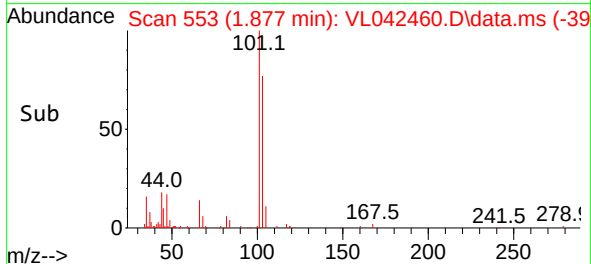
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



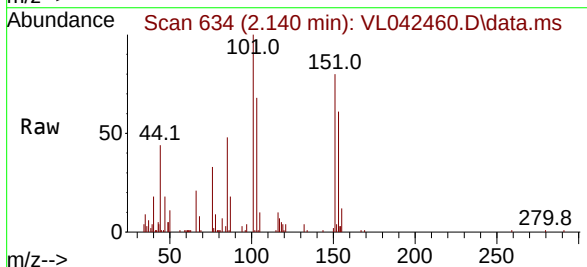
Tgt Ion:101 Resp: 10649
Ion Ratio Lower Upper
101 100
103 76.7 50.6 76.0

Manual Integrations
APPROVED

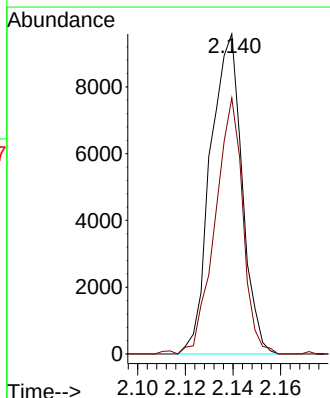
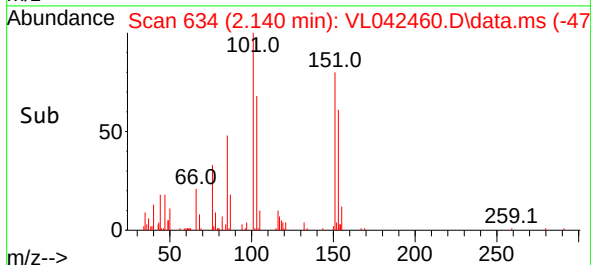
Reviewed By :Semsettin Yesilyurt 05/02/2025
Supervised By :Mahesh Dadoda 05/05/2025

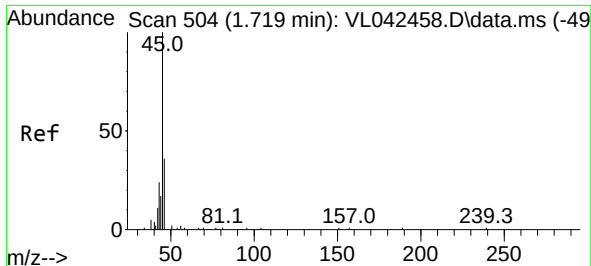


#12
1,1,2-Trichlorotrifluoroethane
Concen: 1.012 ppbv
RT: 2.140 min Scan# 634
Delta R.T. 0.003 min
Lab File: VL042460.D
Acq: 01 May 2025 10:08



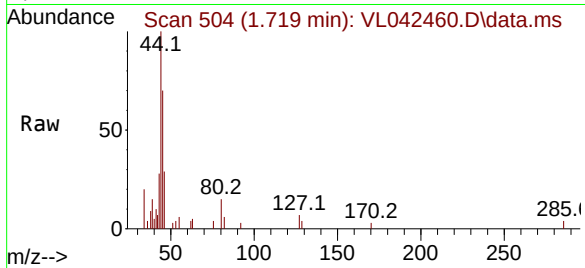
Tgt Ion:101 Resp: 8821
Ion Ratio Lower Upper
101 100
151 70.5 54.6 82.0





#13
Ethanol
Concen: 1.174 ppbv
RT: 1.719 min Scan# 504
Delta R.T. -0.000 min
Lab File: VL042460.D
Acq: 01 May 2025 10:08

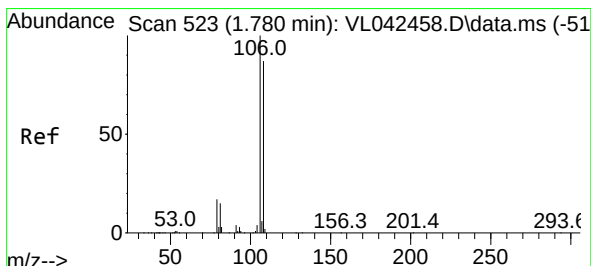
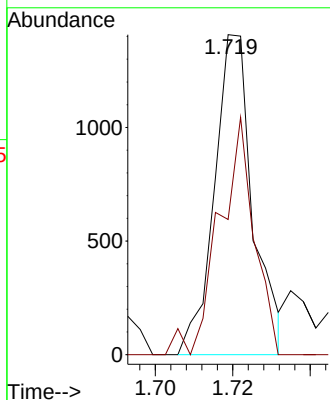
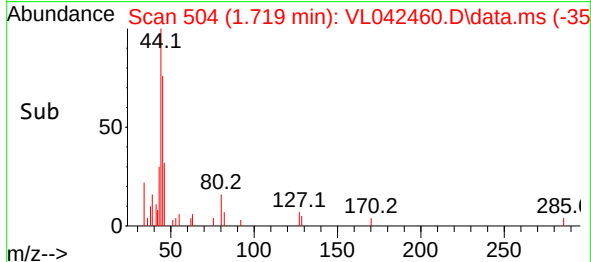
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



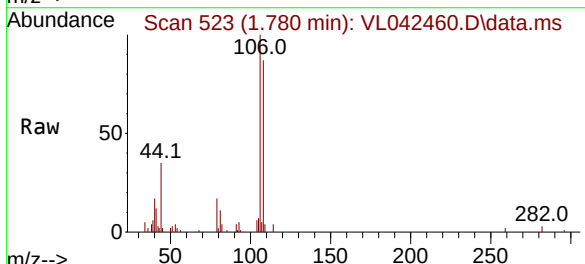
Tgt Ion: 45 Resp: 975
Ion Ratio Lower Upper
45 100
46 67.2 15.3 61.1

Manual Integrations
APPROVED

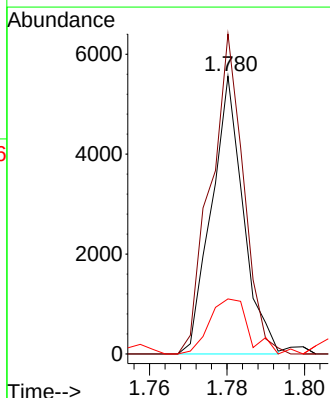
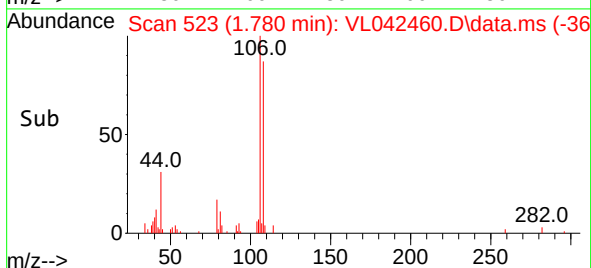
Reviewed By :Semsettin Yesilyurt 05/02/2025
Supervised By :Mahesh Dadoda 05/05/2025

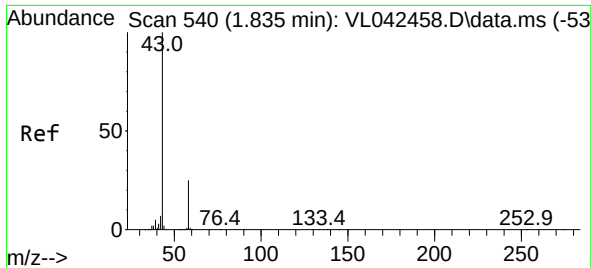


#14
Bromoethene
Concen: 0.983 ppbv
RT: 1.780 min Scan# 523
Delta R.T. -0.000 min
Lab File: VL042460.D
Acq: 01 May 2025 10:08



Tgt Ion:108 Resp: 3164
Ion Ratio Lower Upper
108 100
106 119.2 88.8 133.2
79 28.5 17.1 25.7





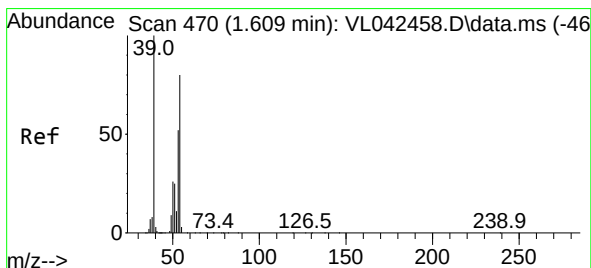
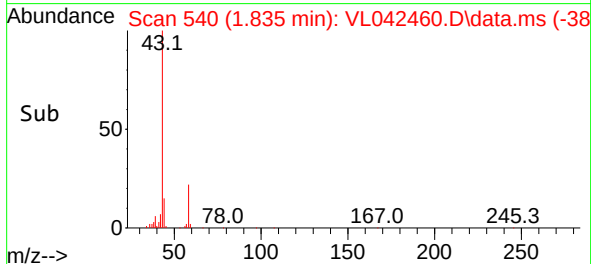
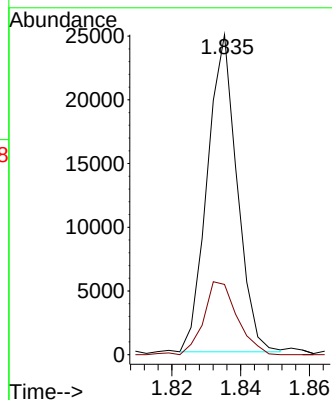
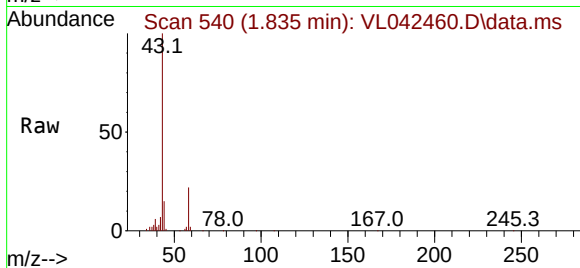
#15
Acetone
Concen: 1.147 ppbv
RT: 1.835 min Scan# 540
Delta R.T. -0.000 min
Lab File: VL042460.D
Acq: 01 May 2025 10:08

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 43 Resp: 14974
Ion Ratio Lower Upper
43 100
58 25.9 19.8 29.8

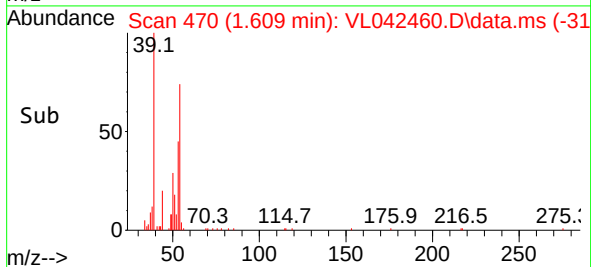
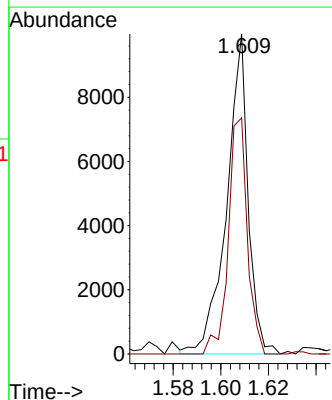
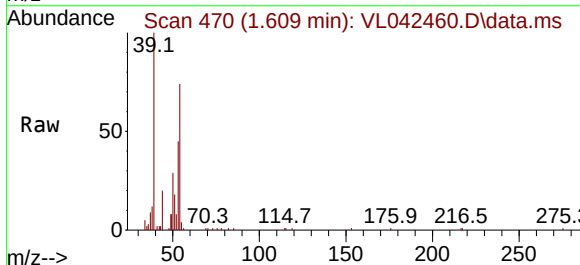
Manual Integrations
APPROVED

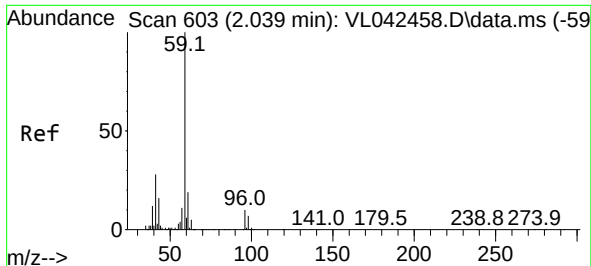
Reviewed By :Semsettin Yesilyurt 05/02/2025
Supervised By :Mahesh Dadoda 05/05/2025



#16
1,3-Butadiene
Concen: 1.085 ppbv
RT: 1.609 min Scan# 470
Delta R.T. -0.000 min
Lab File: VL042460.D
Acq: 01 May 2025 10:08

Tgt Ion: 39 Resp: 6248
Ion Ratio Lower Upper
39 100
54 65.7 55.2 82.8





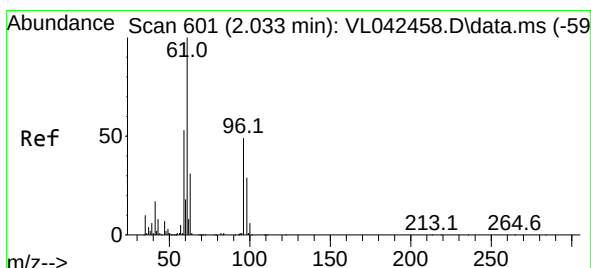
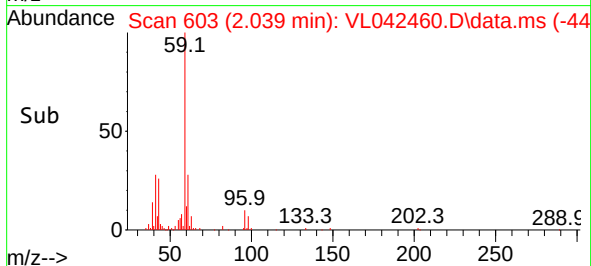
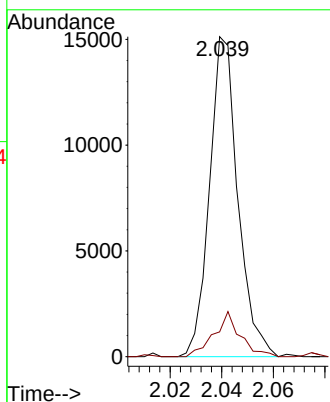
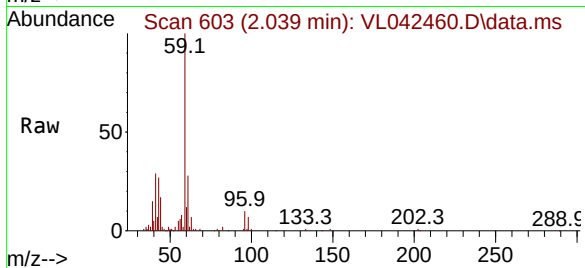
#17
tert-Butyl alcohol
Concen: 1.004 ppbv
RT: 2.039 min Scan# 603
Delta R.T. -0.000 min
Lab File: VL042460.D
Acq: 01 May 2025 10:08

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion: 59 Resp: 11540
Ion Ratio Lower Upper
59 100
57 13.7 8.3 12.5

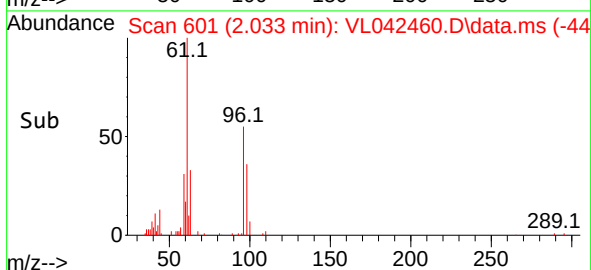
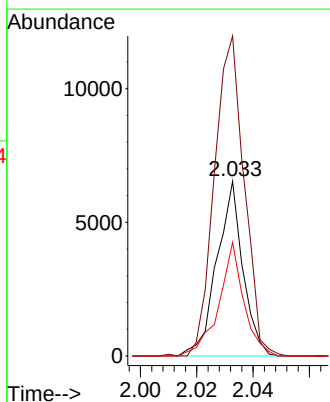
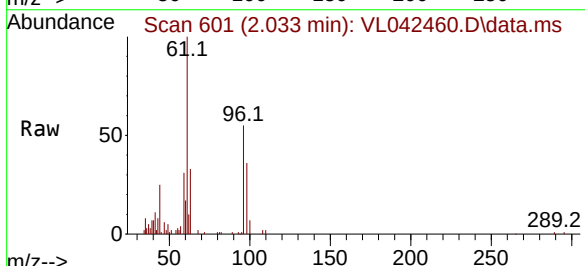
Manual Integrations
APPROVED

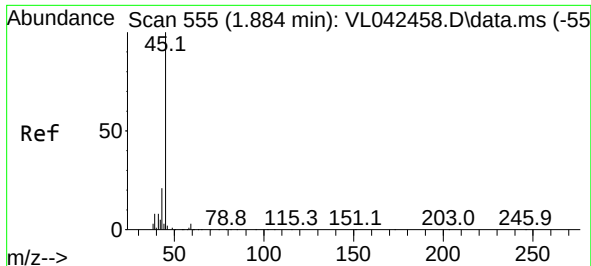
Reviewed By :Semsettin Yesilyurt 05/02/2025
Supervised By :Mahesh Dadoda 05/05/2025



#18
1,1-Dichloroethene
Concen: 1.032 ppbv
RT: 2.033 min Scan# 601
Delta R.T. -0.000 min
Lab File: VL042460.D
Acq: 01 May 2025 10:08

Tgt Ion: 96 Resp: 4200
Ion Ratio Lower Upper
96 100
61 181.9 164.9 247.3
98 65.1 48.2 72.2





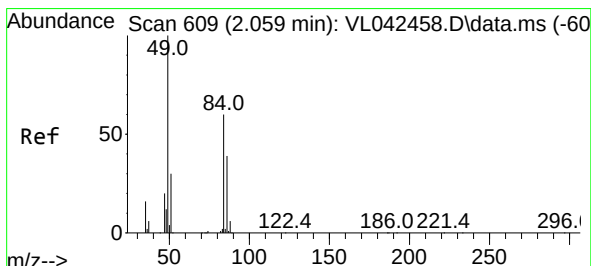
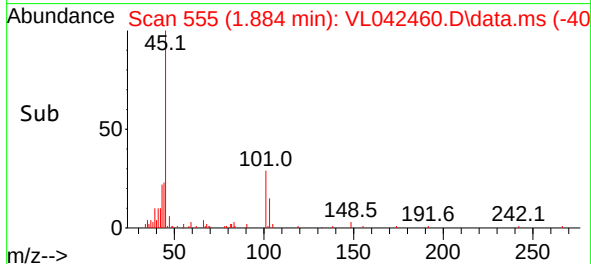
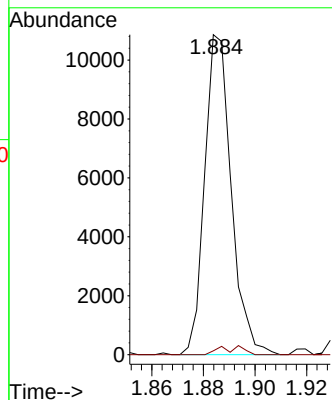
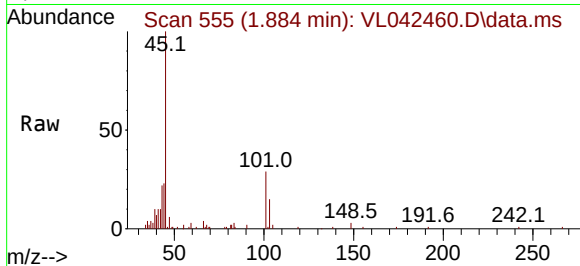
#19
Isopropyl Alcohol
Concen: 1.076 ppbv
RT: 1.884 min Scan# 555
Delta R.T. -0.000 min
Lab File: VL042460.D
Acq: 01 May 2025 10:08

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 45 Resp: 777
Ion Ratio Lower Upper
45 100
58 2.3 1.6 2.4

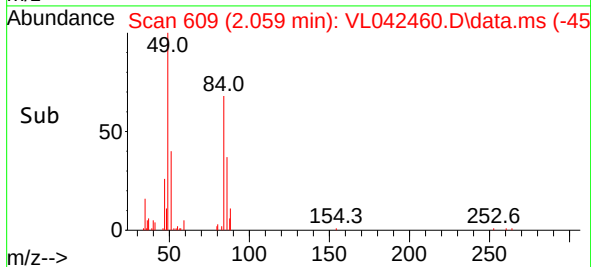
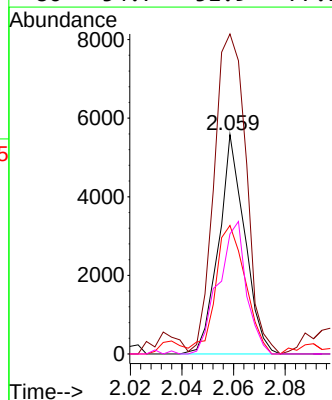
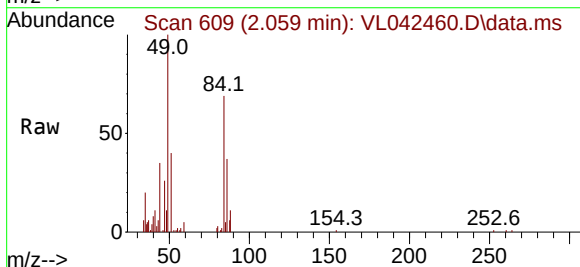
Manual Integrations
APPROVED

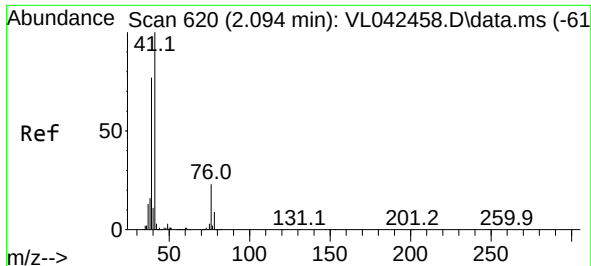
Reviewed By :Semsettin Yesilyurt 05/02/2025
Supervised By :Mahesh Dadoda 05/05/2025



#20
Methylene Chloride
Concen: 0.996 ppbv
RT: 2.059 min Scan# 609
Delta R.T. -0.000 min
Lab File: VL042460.D
Acq: 01 May 2025 10:08

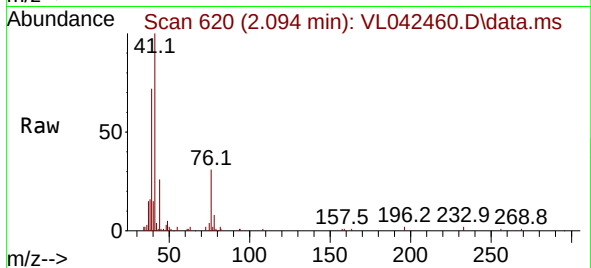
Tgt Ion: 84 Resp: 3909
Ion Ratio Lower Upper
84 100
49 145.9 133.9 200.9
51 58.5 41.0 61.6
86 54.7 51.9 77.9





#21
 Allyl Chloride
 Concen: 1.006 ppbv
 RT: 2.094 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: VL042460.D
 Acq: 01 May 2025 10:08

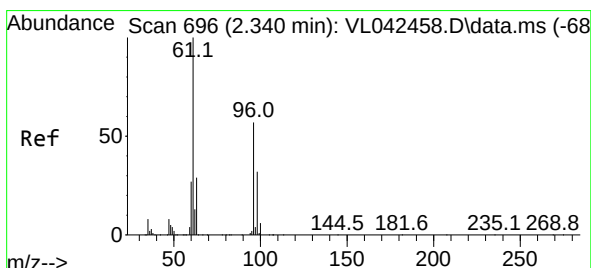
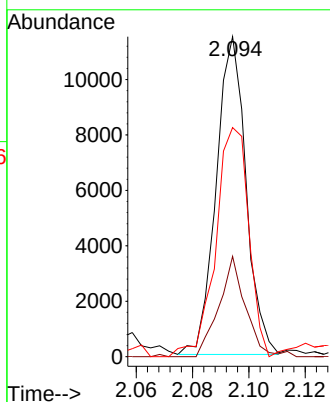
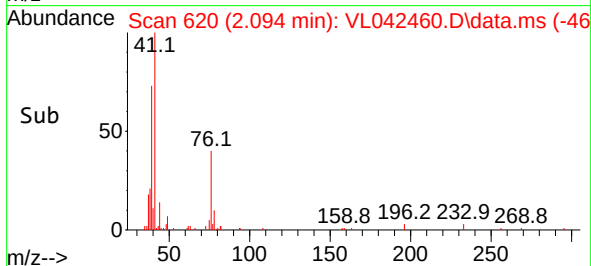
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001



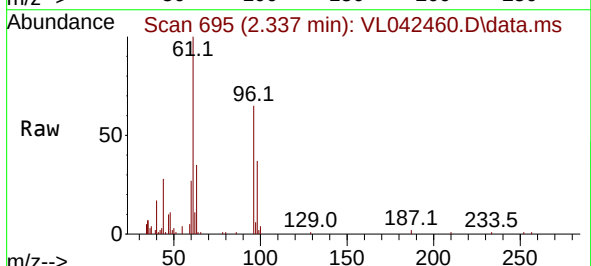
Tgt Ion: 41 Resp: 844
 Ion Ratio Lower Upper
 41 100
 76 28.4 19.6 29.4
 39 81.3 61.0 91.4

Manual Integrations
 APPROVED

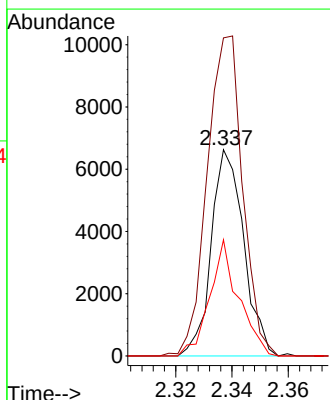
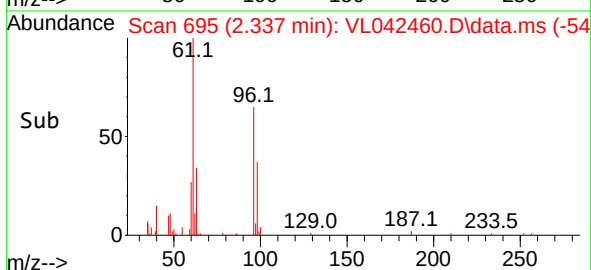
Reviewed By :Semsettin Yesilyurt 05/02/2025
 Supervised By :Mahesh Dadoda 05/05/2025

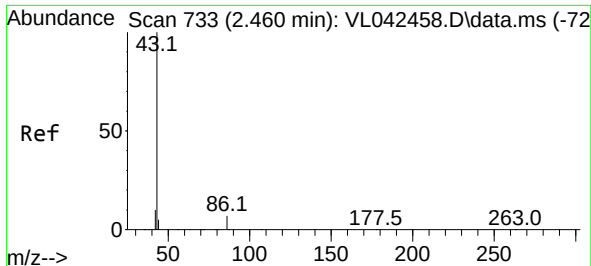


#22
 trans-1,2-Dichloroethene
 Concen: 1.116 ppbv
 RT: 2.337 min Scan# 695
 Delta R.T. -0.003 min
 Lab File: VL042460.D
 Acq: 01 May 2025 10:08



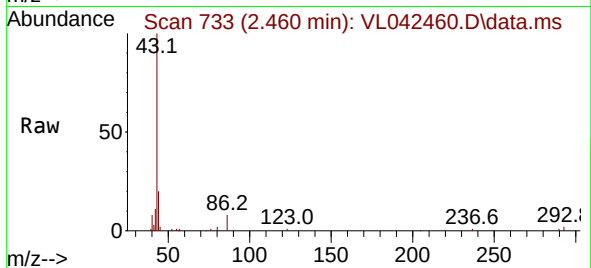
Tgt Ion: 96 Resp: 5305
 Ion Ratio Lower Upper
 96 100
 61 154.3 141.8 212.6
 98 56.3 45.0 67.6





#23
 Vinyl Acetate
 Concen: 0.894 ppbv
 RT: 2.460 min Scan# 716
 Delta R.T. -0.000 min
 Lab File: VL042460.D
 Acq: 01 May 2025 10:08

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001

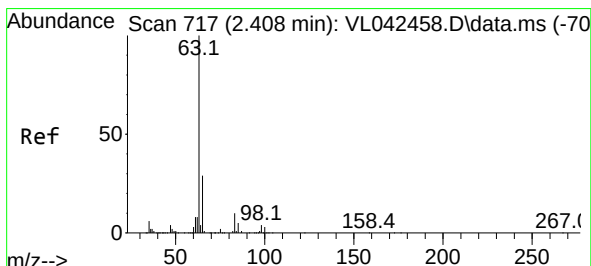
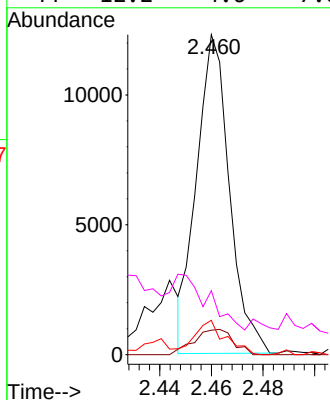
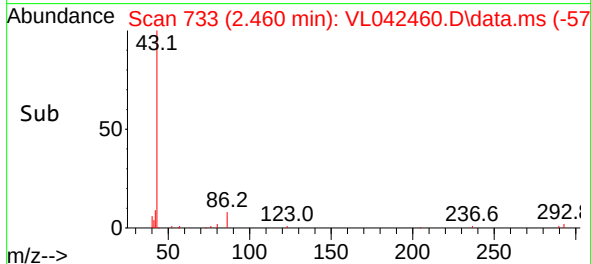


Tgt Ion: 43 Resp: 10870

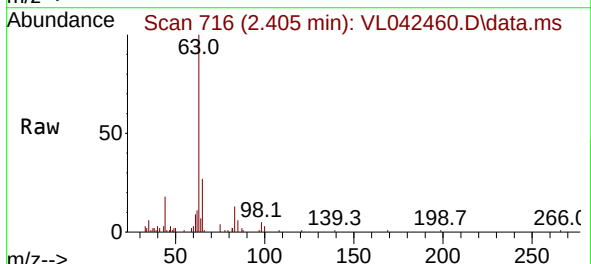
Ion	Ratio	Lower	Upper
43	100		
86	7.7	5.5	8.3
42	10.3	8.3	12.5
44	12.2	4.6	7.0

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 05/02/2025
 Supervised By :Mahesh Dadoda 05/05/2025

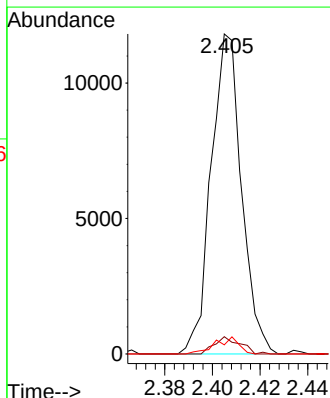
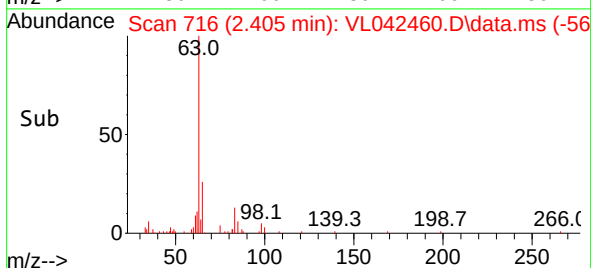


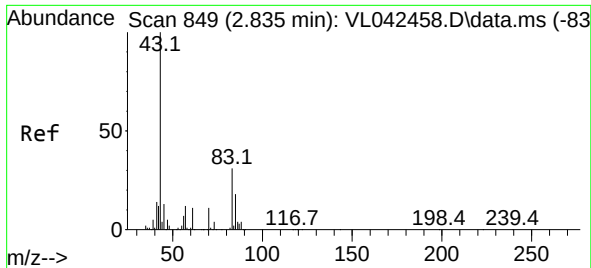
#24
 1,1-Dichloroethane
 Concen: 1.080 ppbv
 RT: 2.405 min Scan# 716
 Delta R.T. -0.003 min
 Lab File: VL042460.D
 Acq: 01 May 2025 10:08



Tgt Ion: 63 Resp: 10477

Ion	Ratio	Lower	Upper
63	100		
98	5.4	1.8	5.5
100	2.9	1.4	4.2





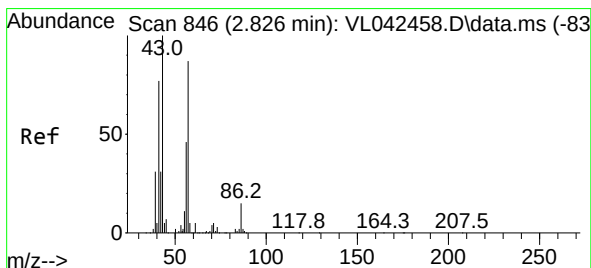
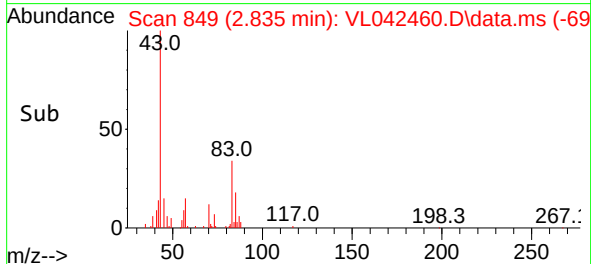
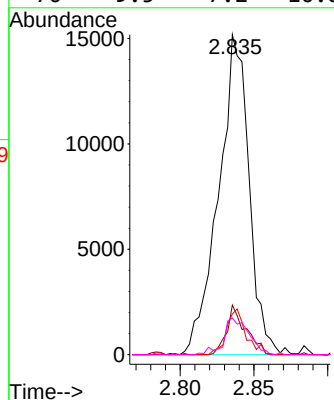
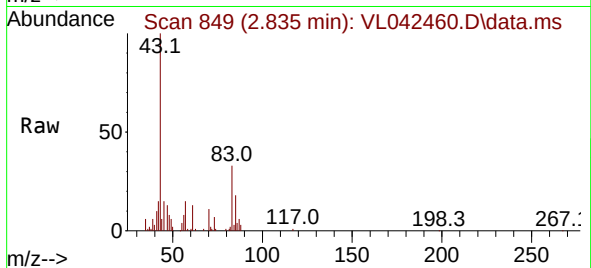
#25
Ethyl Acetate
Concen: 1.041 ppbv
RT: 2.835 min Scan# 849
Delta R.T. -0.000 min
Lab File: VL042460.D
Acq: 01 May 2025 10:08

Instrument : MSVOA_L
ClientSampleId : VSTDIC001

Tgt Ion: 43 Resp: 2176
Ion Ratio Lower Upper
43 100
45 9.9 7.8 11.6
61 9.1 7.2 10.8
70 9.5 7.2 10.8

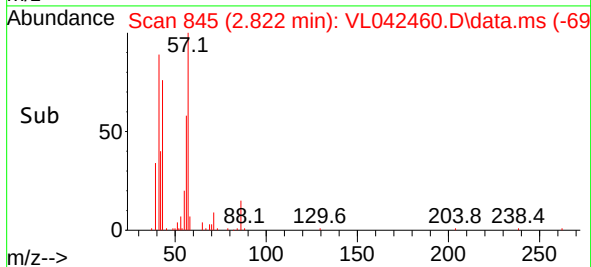
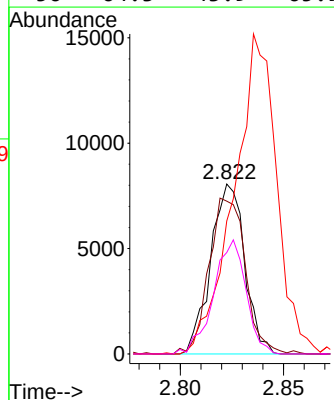
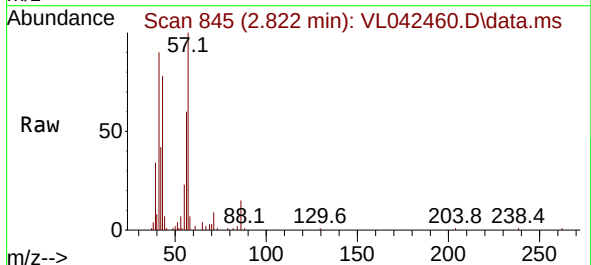
Manual Integrations
APPROVED

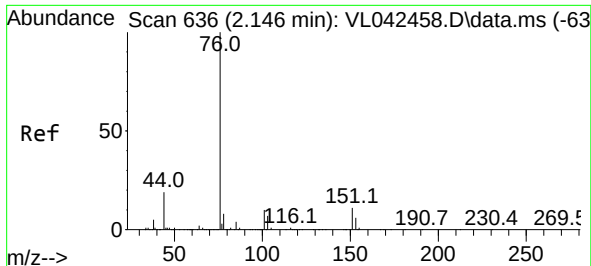
Reviewed By :Semsettin Yesilyurt 05/02/2025
Supervised By :Mahesh Dadoda 05/05/2025



#26
Hexane
Concen: 1.013 ppbv
RT: 2.822 min Scan# 845
Delta R.T. -0.003 min
Lab File: VL042460.D
Acq: 01 May 2025 10:08

Tgt Ion: 57 Resp: 9223
Ion Ratio Lower Upper
57 100
41 98.1 77.8 116.8
43 237.0 187.0 280.6
56 64.3 43.9 65.9





#27

Carbon Disulfide

Concen: 0.973 ppbv

RT: 2.149 min Scan# 61

Delta R.T. 0.003 min

Lab File: VL042460.D

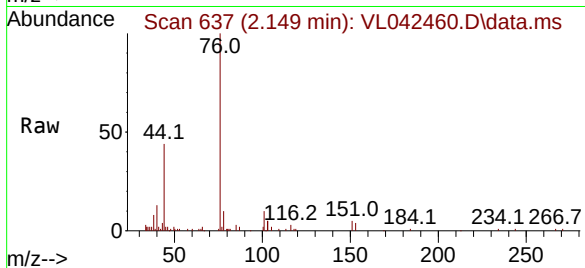
Acq: 01 May 2025 10:08

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001



Tgt Ion: 76 Resp: 1034

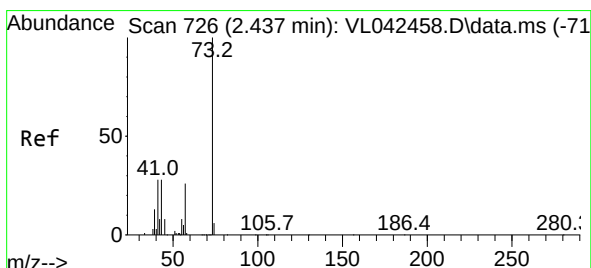
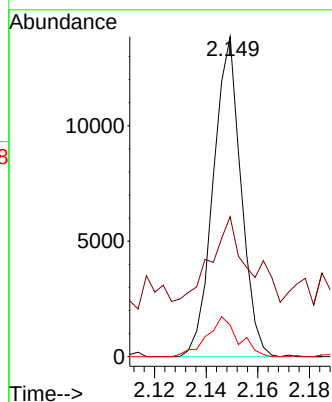
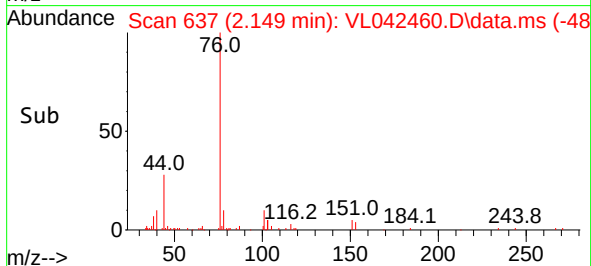
Ion	Ratio	Lower	Upper
76	100		
44	81.2	21.0	31.6
78	14.3	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/02/2025

Supervised By :Mahesh Dadoda 05/05/2025



#28

Methyl tert-Butyl Ether

Concen: 1.115 ppbv

RT: 2.441 min Scan# 727

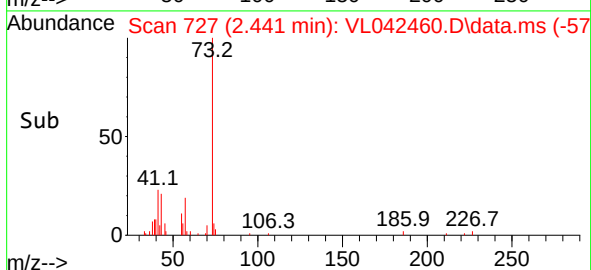
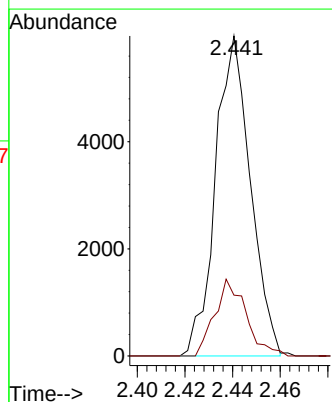
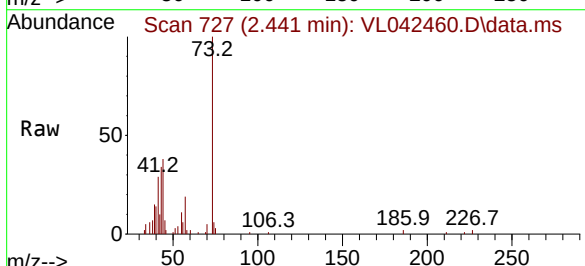
Delta R.T. 0.003 min

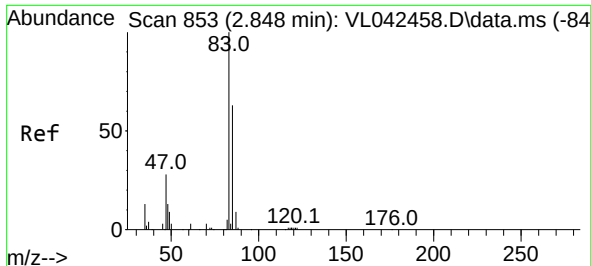
Lab File: VL042460.D

Acq: 01 May 2025 10:08

Tgt Ion: 73 Resp: 6101

Ion	Ratio	Lower	Upper
73	100		
57	21.5	19.9	29.9





#29

Chloroform

Concen: 1.040 ppbv

RT: 2.848 min Scan# 81

Delta R.T. -0.000 min

Lab File: VL042460.D

Acq: 01 May 2025 10:08

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC001

Tgt Ion: 83 Resp: 1774

Ion Ratio Lower Upper

83 100

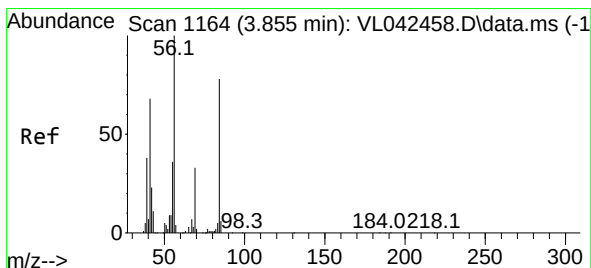
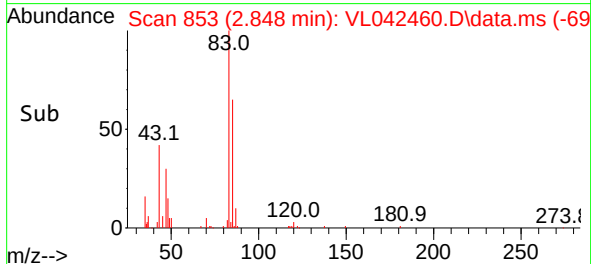
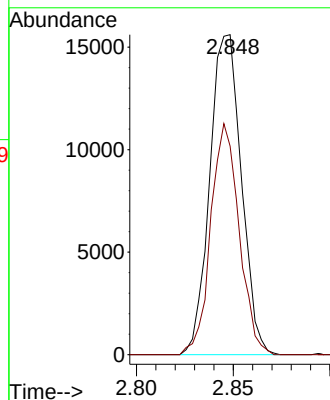
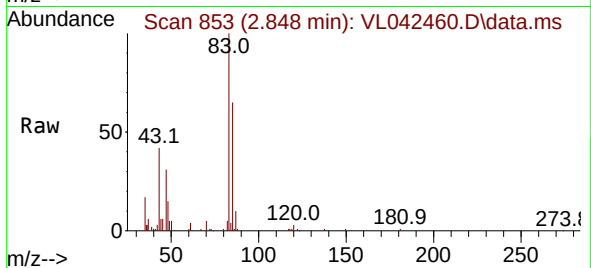
85 65.2 50.4 75.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/02/2025

Supervised By :Mahesh Dadoda 05/05/2025



#30

Cyclohexane

Concen: 0.938 ppbv

RT: 3.852 min Scan# 1163

Delta R.T. -0.003 min

Lab File: VL042460.D

Acq: 01 May 2025 10:08

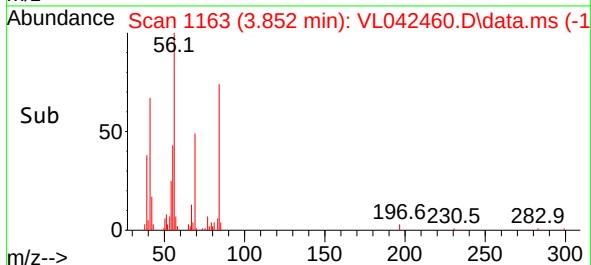
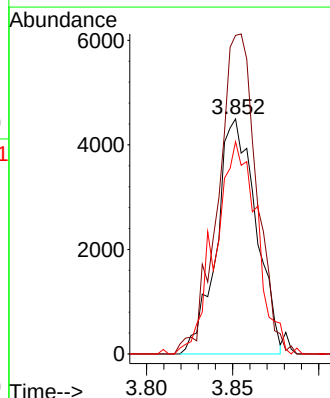
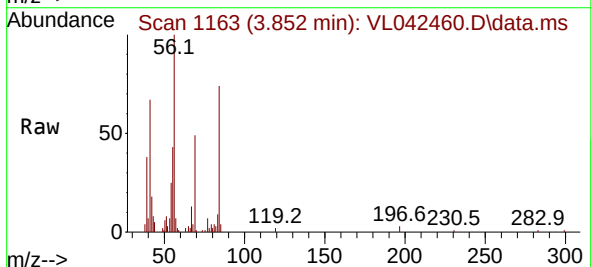
Tgt Ion: 84 Resp: 7139

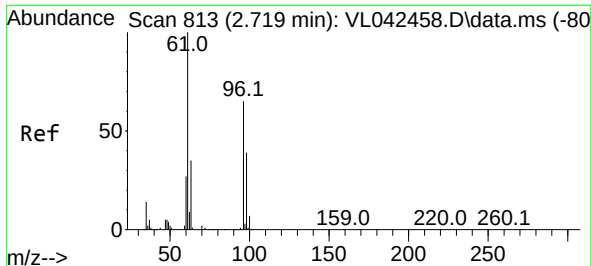
Ion Ratio Lower Upper

84 100

56 133.7 98.1 147.1

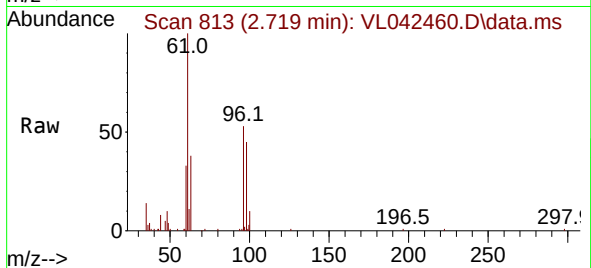
41 95.9 65.8 98.8





#31
 cis-1,2-Dichloroethene
 Concen: 1.080 ppbv
 RT: 2.719 min Scan# 813
 Delta R.T. -0.000 min
 Lab File: VL042460.D
 Acq: 01 May 2025 10:08

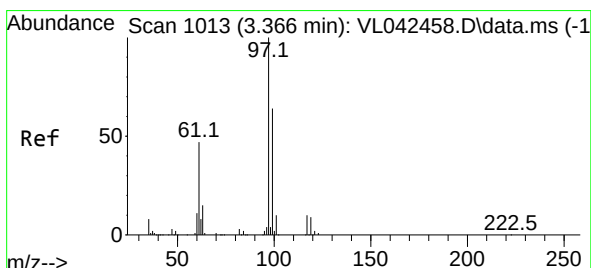
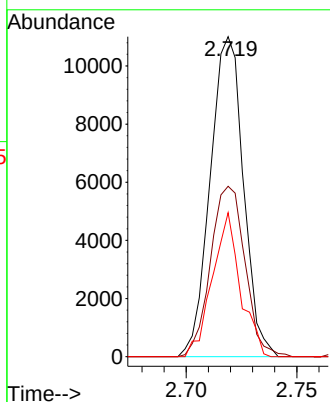
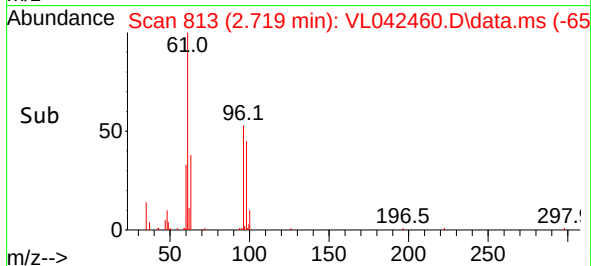
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001



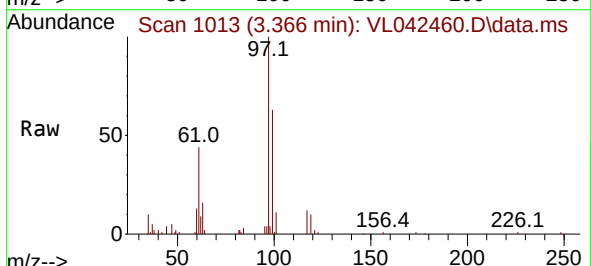
Tgt Ion: 61 Resp: 11472
 Ion Ratio Lower Upper
 61 100
 96 53.3 52.0 78.0
 98 45.0 31.0 46.6

Manual Integrations
 APPROVED

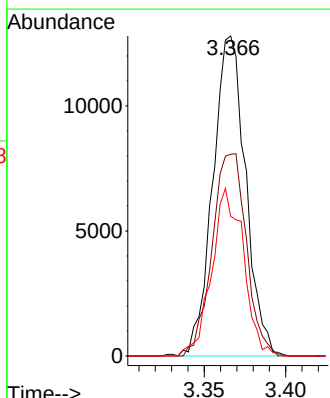
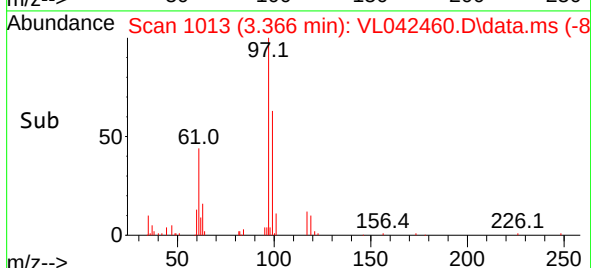
Reviewed By :Semsettin Yesilyurt 05/02/2025
 Supervised By :Mahesh Dadoda 05/05/2025

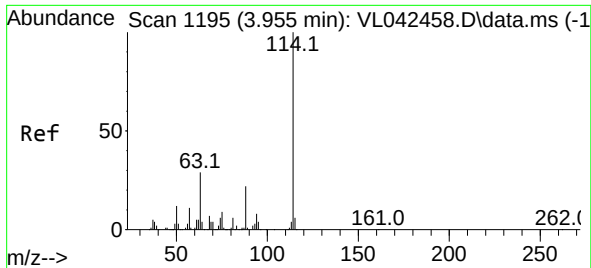


#32
 1,1,1-Trichloroethane
 Concen: 0.966 ppbv
 RT: 3.366 min Scan# 1013
 Delta R.T. -0.000 min
 Lab File: VL042460.D
 Acq: 01 May 2025 10:08



Tgt Ion: 97 Resp: 17881
 Ion Ratio Lower Upper
 97 100
 99 65.8 50.7 76.1
 61 50.6 40.9 61.3





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.955 min Scan# 1195

Delta R.T. -0.000 min

Lab File: VL042460.D

Acq: 01 May 2025 10:08

Instrument :

MSVOA_L

ClientSampleId :

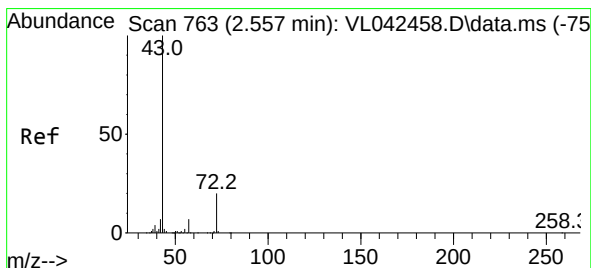
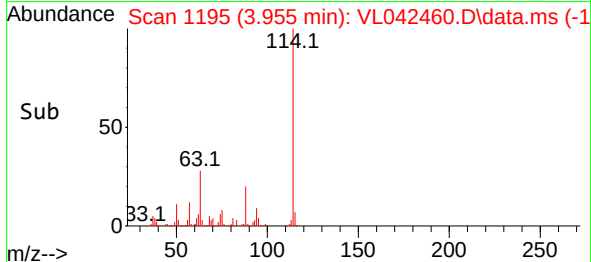
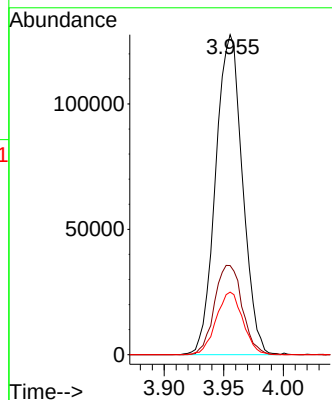
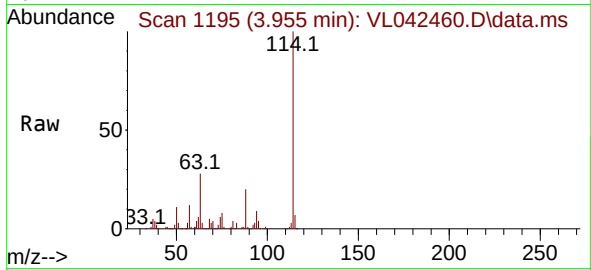
VSTDIC001

Tgt Ion:	114	Resp:	20011
Ion	Ratio	Lower	Upper
114	100		
63	28.8	23.1	34.7
88	19.4	16.1	24.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/02/2025
Supervised By :Mahesh Dadoda 05/05/2025



#34

2-Butanone

Concen: 1.012 ppbv

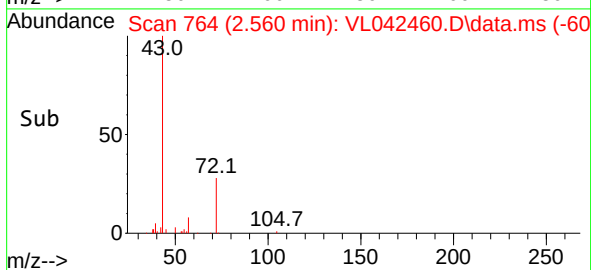
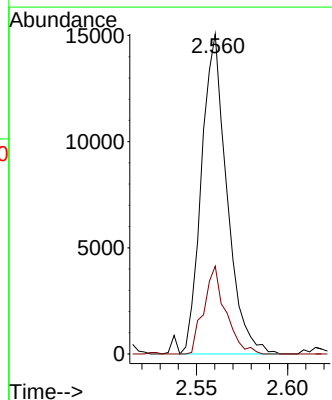
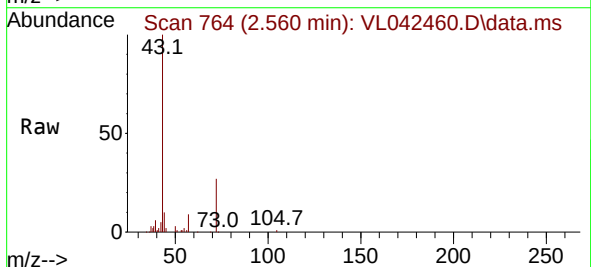
RT: 2.560 min Scan# 764

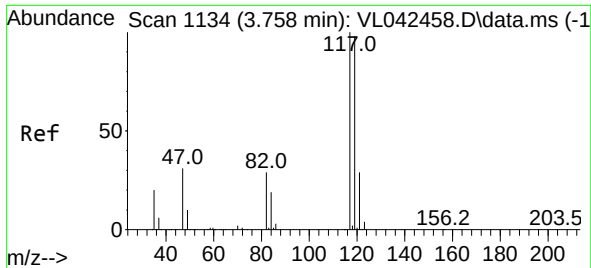
Delta R.T. 0.003 min

Lab File: VL042460.D

Acq: 01 May 2025 10:08

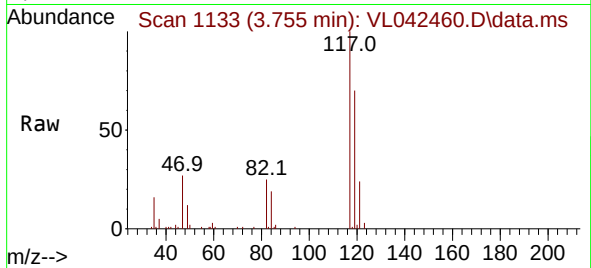
Tgt Ion:	43	Resp:	14641
Ion	Ratio	Lower	Upper
43	100		
72	23.5	16.7	25.1





#35
Carbon Tetrachloride
Concen: 1.075 ppbv
RT: 3.755 min Scan# 1133
Delta R.T. -0.003 min
Lab File: VL042460.D
Acq: 01 May 2025 10:08

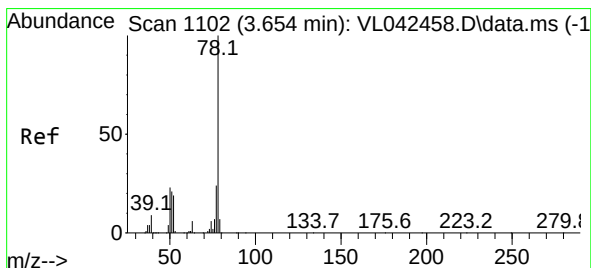
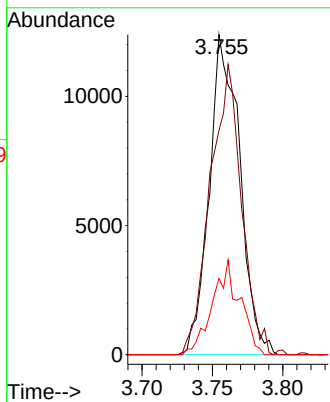
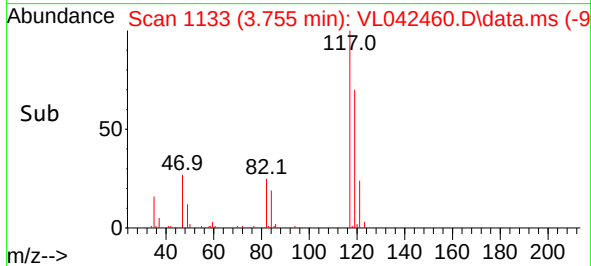
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



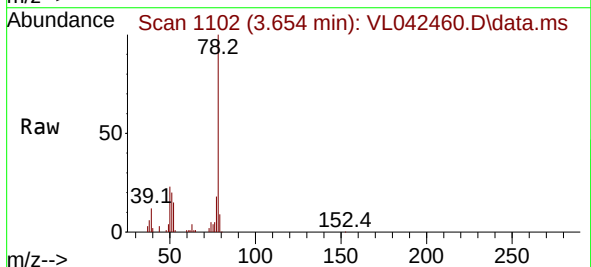
Tgt Ion: 117 Resp: 18704
Ion Ratio Lower Upper
117 100
119 70.1 78.1 117.1
121 23.8 23.0 34.6

Manual Integrations
APPROVED

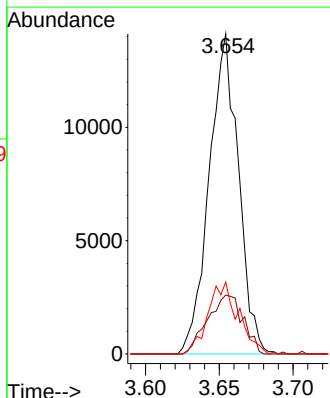
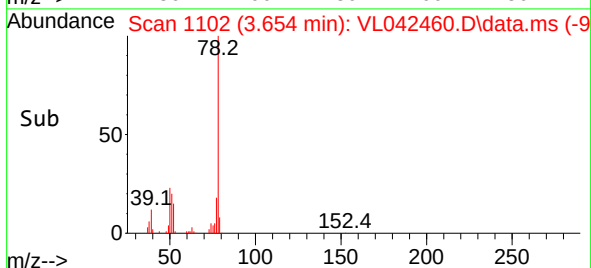
Reviewed By :Semsettin Yesilyurt 05/02/2025
Supervised By :Mahesh Dadoda 05/05/2025

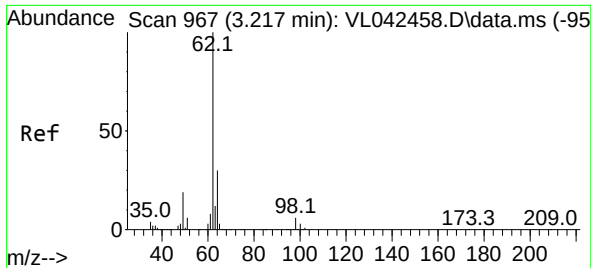


#36
Benzene
Concen: 1.032 ppbv
RT: 3.654 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VL042460.D
Acq: 01 May 2025 10:08



Tgt Ion: 78 Resp: 19493
Ion Ratio Lower Upper
78 100
77 18.4 18.9 28.3
50 22.5 18.4 27.6





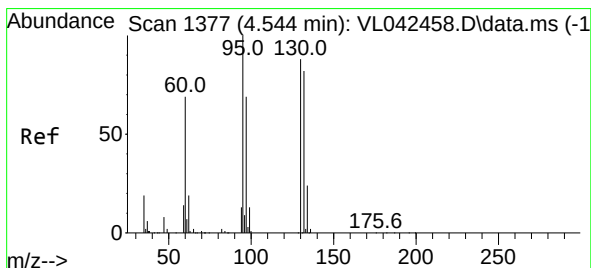
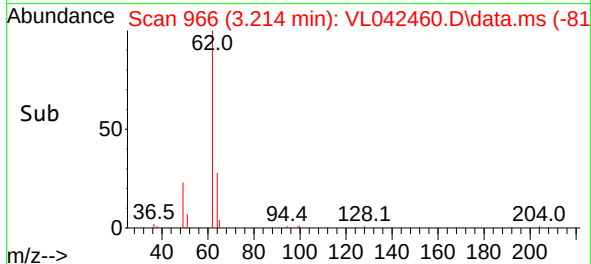
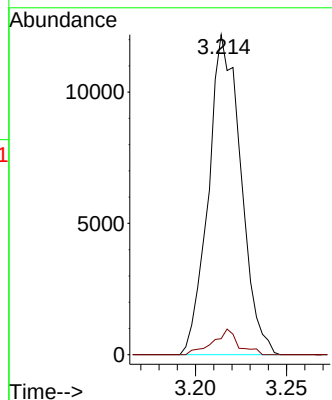
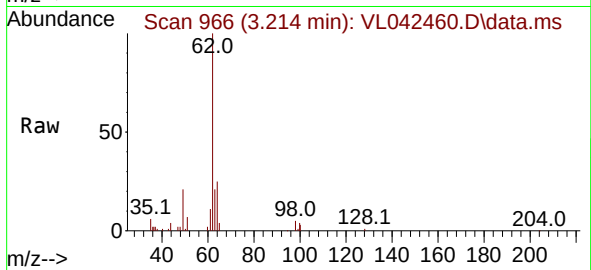
#37
1,2-Dichloroethane
Concen: 1.039 ppbv
RT: 3.214 min Scan# 966
Delta R.T. -0.003 min
Lab File: VL042460.D
Acq: 01 May 2025 10:08

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 62 Resp: 15110
Ion Ratio Lower Upper
62 100
98 6.2 4.3 6.5

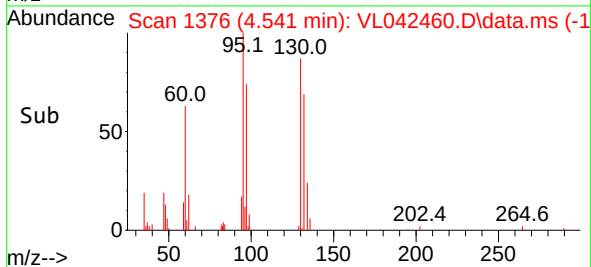
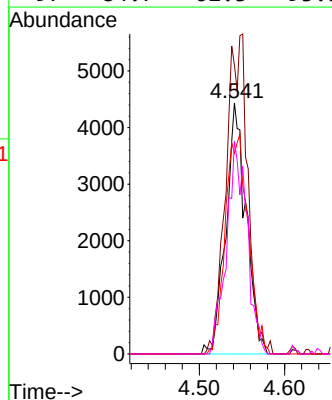
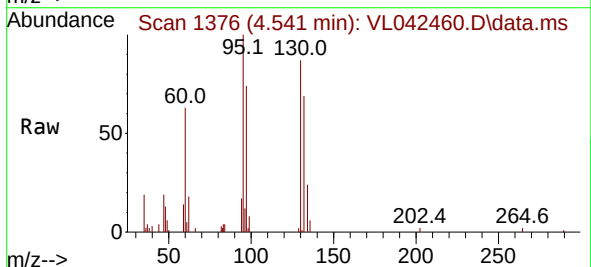
Manual Integrations
APPROVED

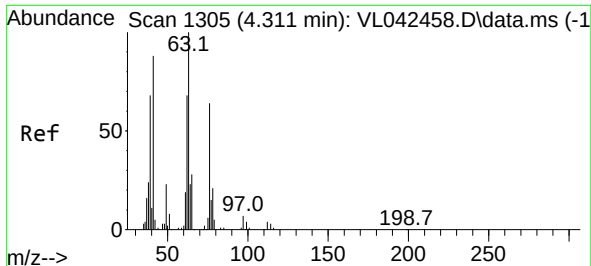
Reviewed By :Semsettin Yesilyurt 05/02/2025
Supervised By :Mahesh Dadoda 05/05/2025



#38
Trichloroethene
Concen: 1.011 ppbv m
RT: 4.541 min Scan# 1376
Delta R.T. -0.003 min
Lab File: VL042460.D
Acq: 01 May 2025 10:08

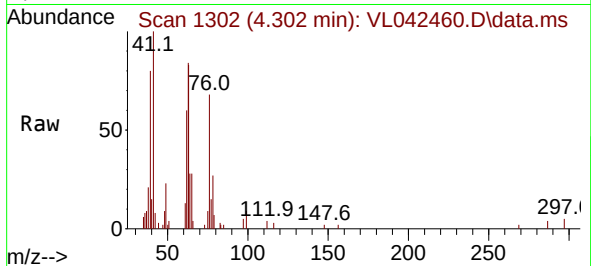
Tgt Ion:130 Resp: 7278
Ion Ratio Lower Upper
130 100
95 115.0 91.0 136.4
132 79.9 74.2 111.4
97 84.7 62.3 93.5





#39
 1,2-Dichloropropane
 Concen: 1.145 ppbv m
 RT: 4.302 min Scan# 1305
 Delta R.T. -0.010 min
 Lab File: VL042460.D
 Acq: 01 May 2025 10:08

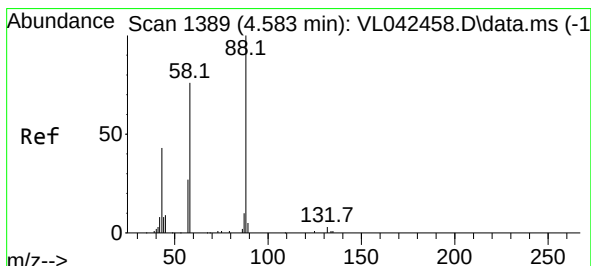
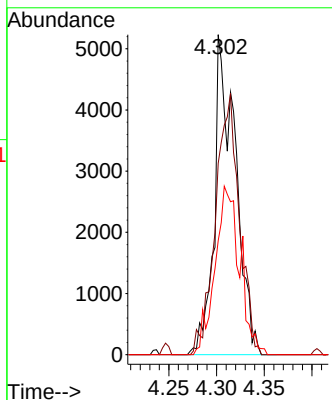
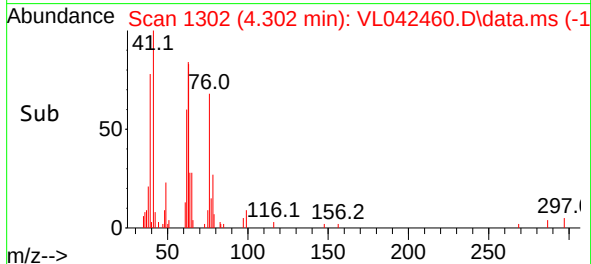
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001



Tgt Ion: 63 Resp: 810
 Ion Ratio Lower Upper
 63 100
 41 119.1 69.8 104.6
 62 70.9 54.3 81.5

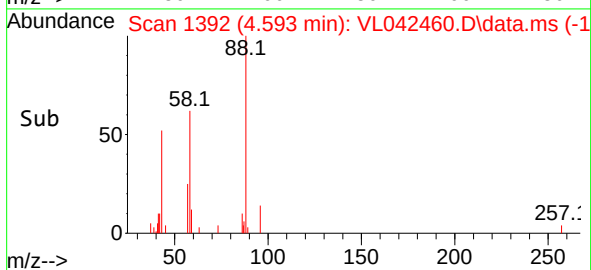
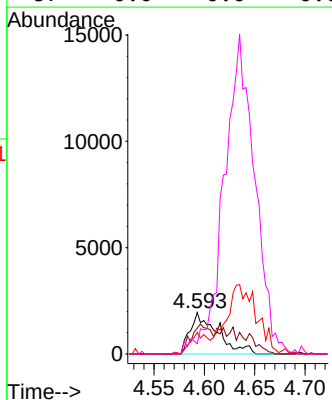
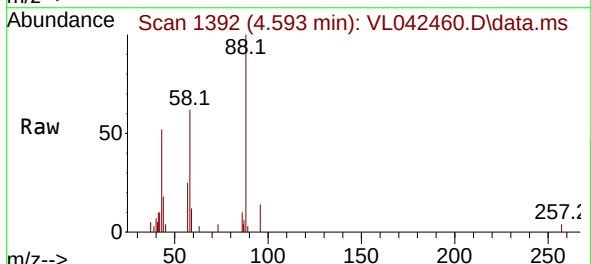
Manual Integrations
 APPROVED

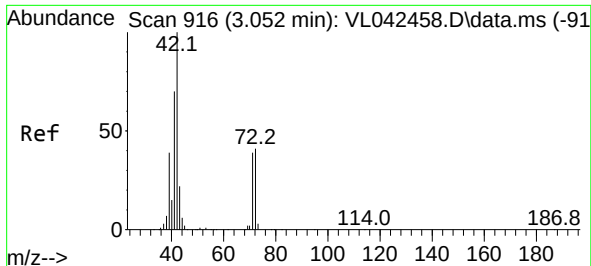
Reviewed By :Semsettin Yesilyurt 05/02/2025
 Supervised By :Mahesh Dadoda 05/05/2025



#40
 1,4-Dioxane
 Concen: 1.126 ppbv m
 RT: 4.593 min Scan# 1392
 Delta R.T. 0.010 min
 Lab File: VL042460.D
 Acq: 01 May 2025 10:08

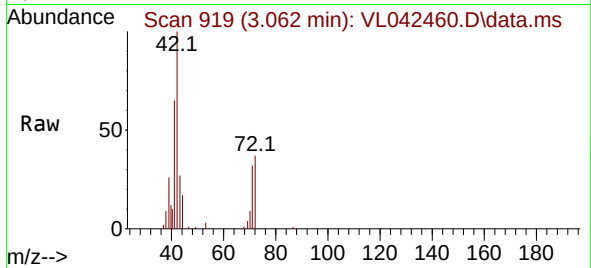
Tgt Ion: 88 Resp: 3703
 Ion Ratio Lower Upper
 88 100
 58 0.0 0.0 0.0
 43 0.0 0.0 0.0
 57 0.0 0.0 0.0





#41
Tetrahydrofuran
Concen: 1.033 ppbv m
RT: 3.062 min Scan# 916
Delta R.T. 0.010 min
Lab File: VL042460.D
Acq: 01 May 2025 10:08

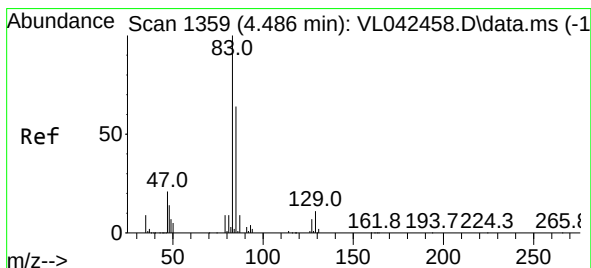
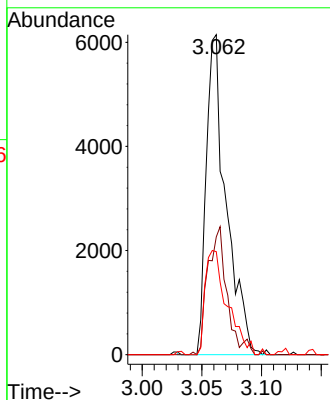
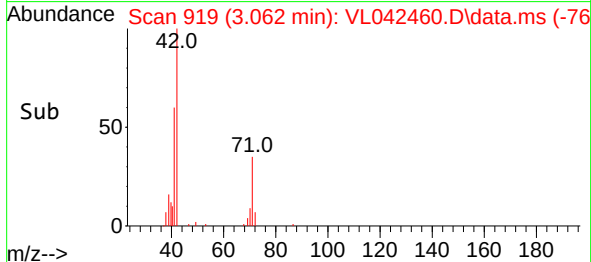
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001



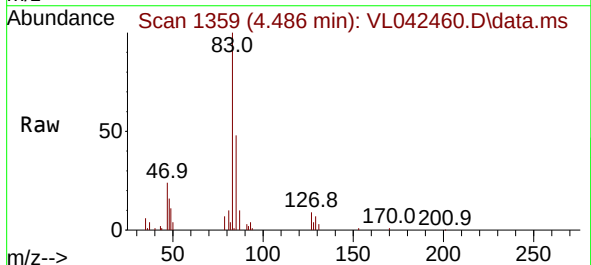
Tgt Ion: 42 Resp: 7091
Ion Ratio Lower Upper
42 100
72 38.8 33.5 50.3
71 36.9 32.6 49.0

Manual Integrations
APPROVED

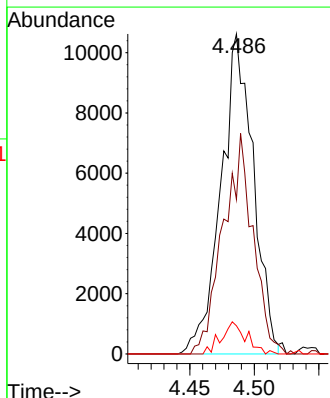
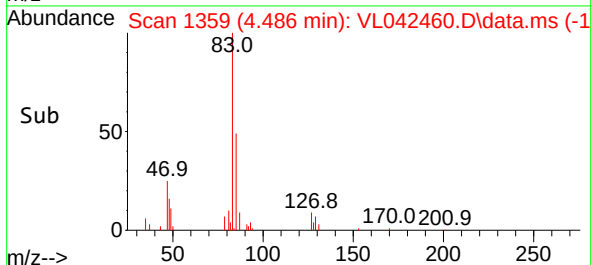
Reviewed By :Semsettin Yesilyurt 05/02/2025
Supervised By :Mahesh Dadoda 05/05/2025

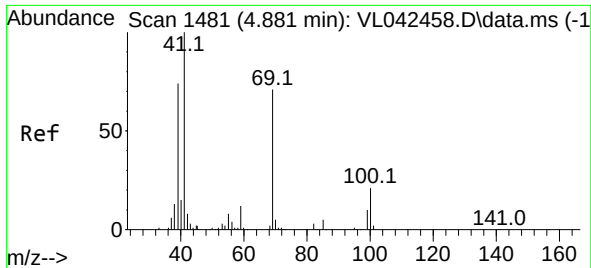


#42
Bromodichloromethane
Concen: 1.036 ppbv
RT: 4.486 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VL042460.D
Acq: 01 May 2025 10:08



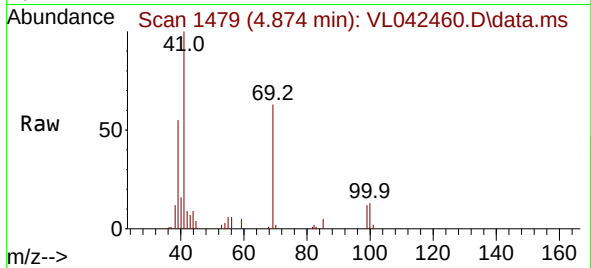
Tgt Ion: 83 Resp: 18427
Ion Ratio Lower Upper
83 100
85 48.3 51.5 77.3#
127 8.8 5.4 8.2#





#43
Methyl Methacrylate
Concen: 0.971 ppbv m
RT: 4.874 min Scan# 1479
Delta R.T. -0.006 min
Lab File: VL042460.D
Acq: 01 May 2025 10:08

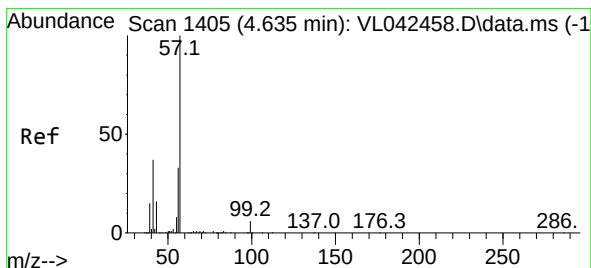
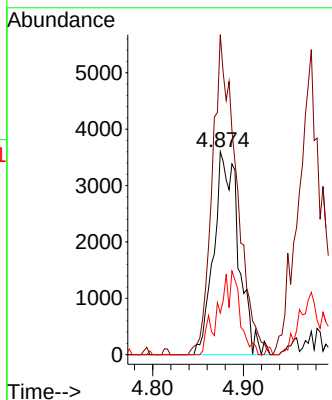
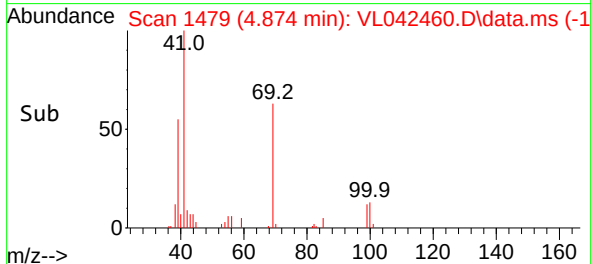
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001



Tgt Ion: 69 Resp: 6829
Ion Ratio Lower Upper
69 100
41 154.2 120.8 181.2
100 0.0 26.7 40.1

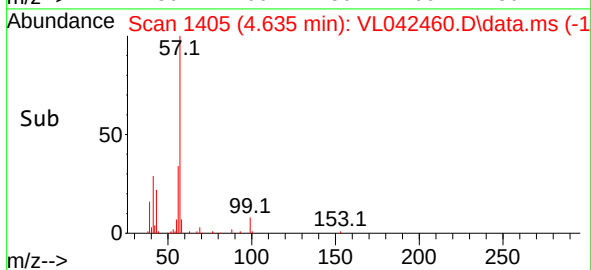
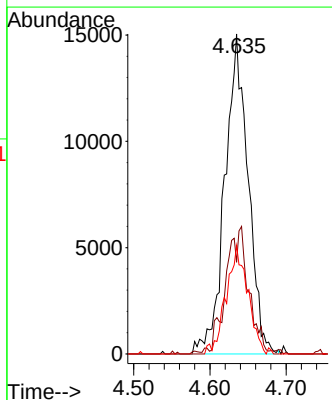
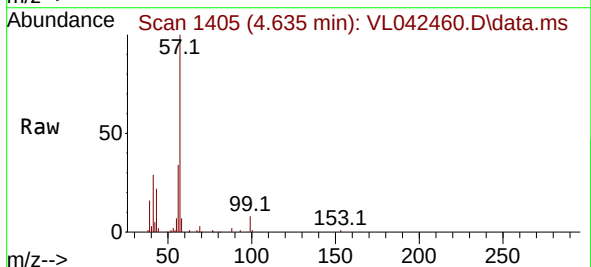
Manual Integrations
APPROVED

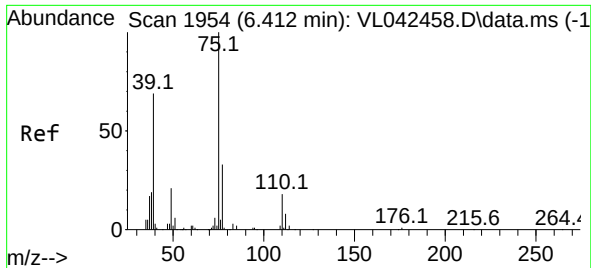
Reviewed By :Semsettin Yesilyurt 05/02/2025
Supervised By :Mahesh Dadoda 05/05/2025



#44
2,2,4-Trimethylpentane
Concen: 1.043 ppbv m
RT: 4.635 min Scan# 1405
Delta R.T. -0.000 min
Lab File: VL042460.D
Acq: 01 May 2025 10:08

Tgt Ion: 57 Resp: 31820
Ion Ratio Lower Upper
57 100
41 40.0 30.6 45.8
56 31.9 25.0 37.6





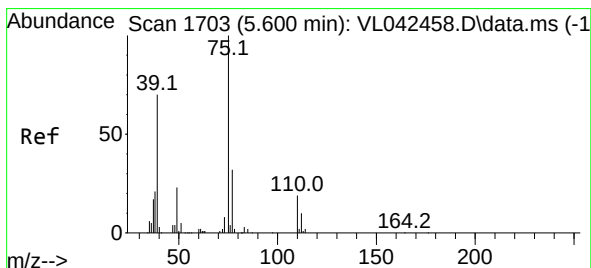
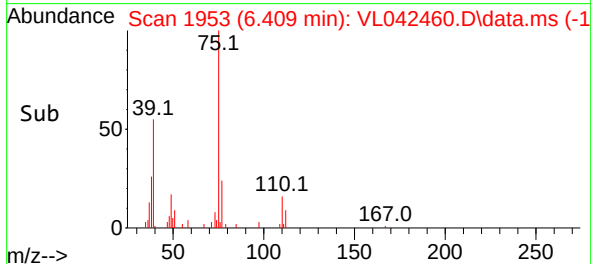
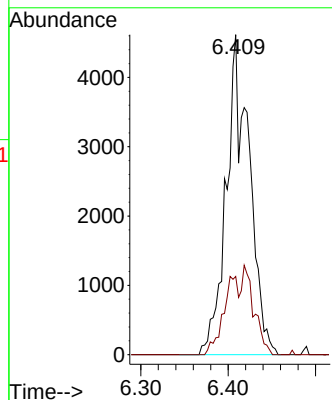
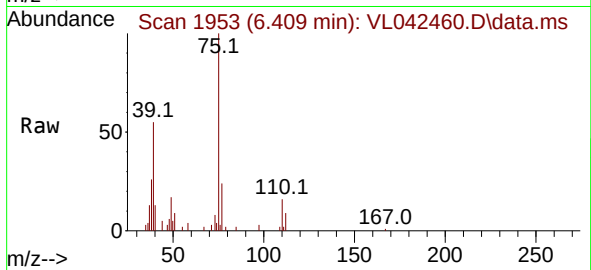
#45
t-1,3-Dichloropropene
Concen: 0.914 ppbv m
RT: 6.409 min Scan# 1953
Delta R.T. -0.003 min
Lab File: VL042460.D
Acq: 01 May 2025 10:08

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 75 Resp: 846
Ion Ratio Lower Upper
75 100
77 24.5 26.3 39.5

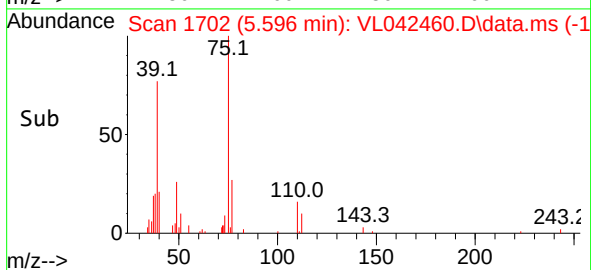
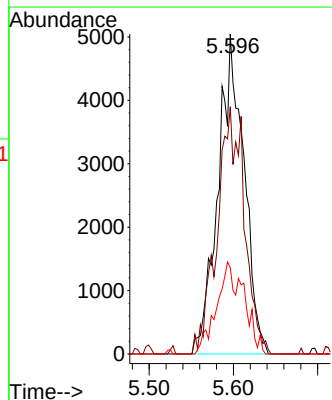
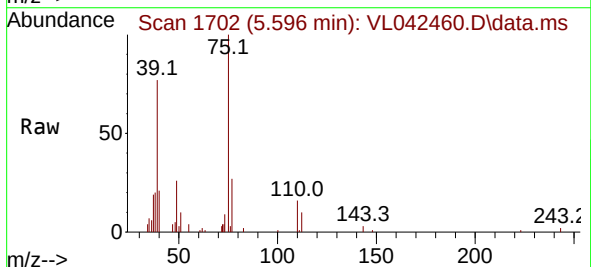
Manual Integrations
APPROVED

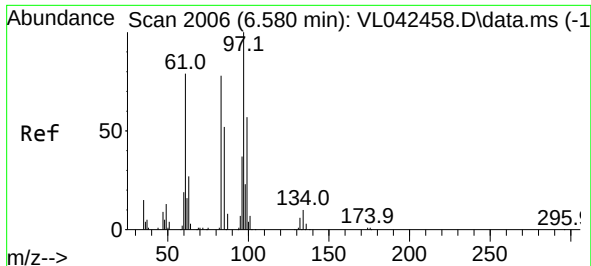
Reviewed By :Semsettin Yesilyurt 05/02/2025
Supervised By :Mahesh Dadoda 05/05/2025



#46
cis-1,3-Dichloropropene
Concen: 0.981 ppbv m
RT: 5.596 min Scan# 1702
Delta R.T. -0.003 min
Lab File: VL042460.D
Acq: 01 May 2025 10:08

Tgt Ion: 75 Resp: 10781
Ion Ratio Lower Upper
75 100
39 77.3 55.7 83.5
77 27.0 25.8 38.8





#47

1,1,2-Trichloroethane

Concen: 1.055 ppbv m

RT: 6.583 min Scan# 2006

Delta R.T. 0.003 min

Lab File: VL042460.D

Acq: 01 May 2025 10:08

Instrument :

MSVOA_L

ClientSampleId :

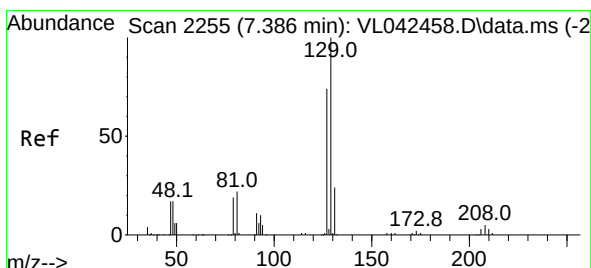
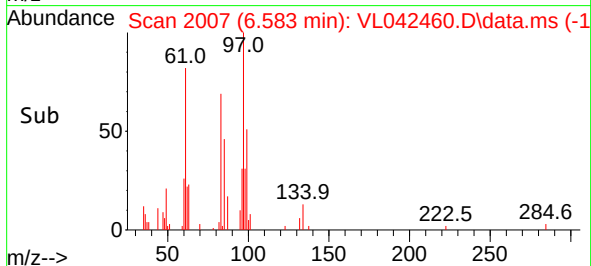
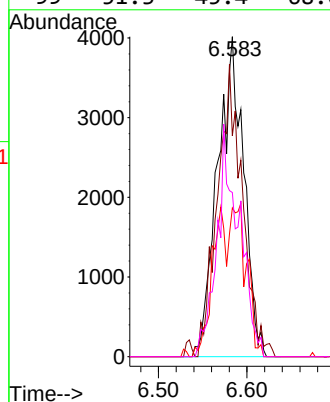
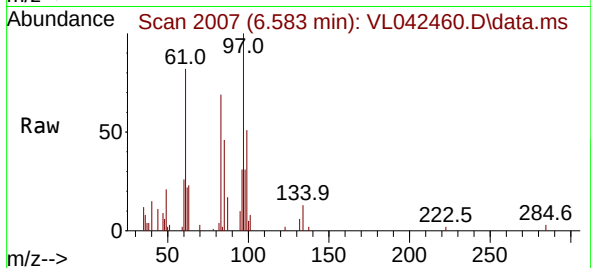
VSTDIC001

Tgt Ion: 97	Resp: 818
Ion Ratio	Lower Upper
97 100	
83 69.0	62.2 93.2
85 46.5	41.5 62.3
99 51.3	45.4 68.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/02/2025
Supervised By :Mahesh Dadoda 05/05/2025



#48

Dibromochloromethane

Concen: 0.982 ppbv m

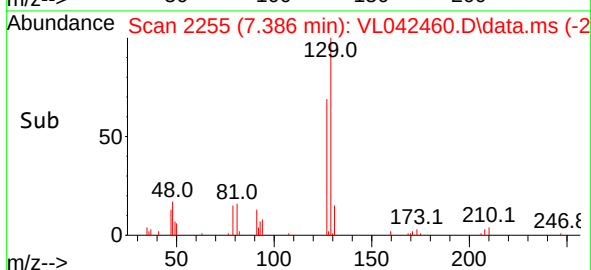
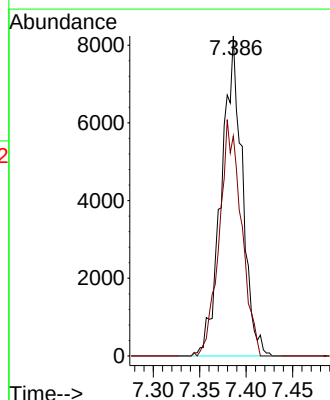
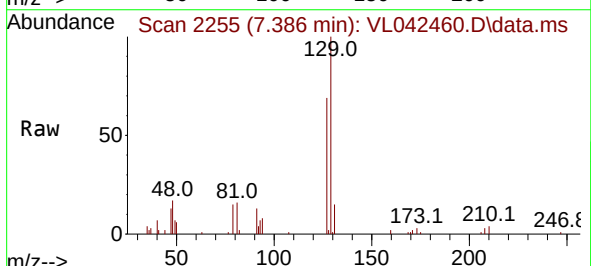
RT: 7.386 min Scan# 2255

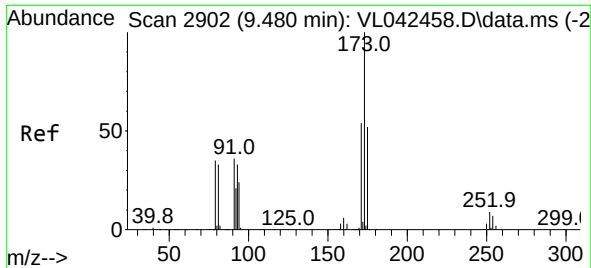
Delta R.T. -0.000 min

Lab File: VL042460.D

Acq: 01 May 2025 10:08

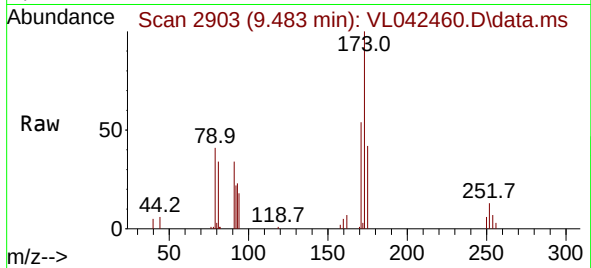
Tgt Ion:129	Resp: 12859
Ion Ratio	Lower Upper
129 100	
127 78.1	39.5 118.5





#49
Bromoform
Concen: 0.976 ppbv
RT: 9.483 min Scan# 2902
Delta R.T. 0.003 min
Lab File: VL042460.D
Acq: 01 May 2025 10:08

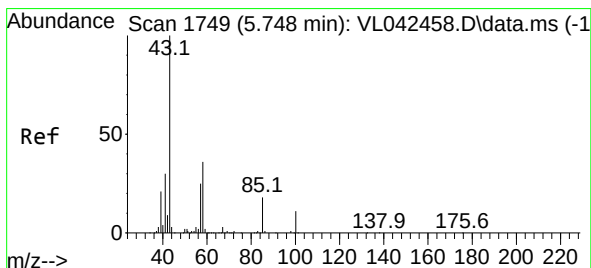
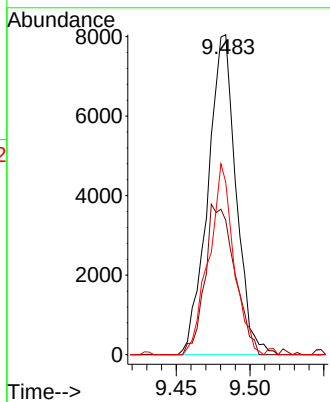
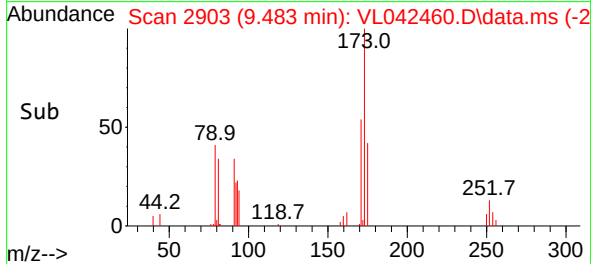
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001



Tgt Ion:173 Resp: 10709
Ion Ratio Lower Upper
173 100
175 49.4 38.9 58.3
171 53.5 40.6 60.8

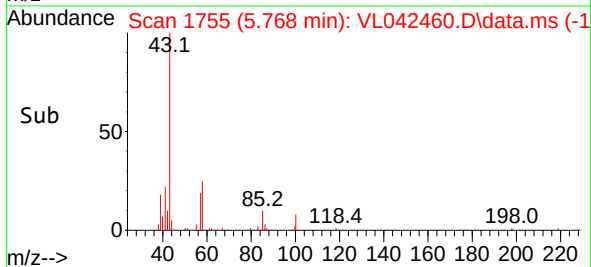
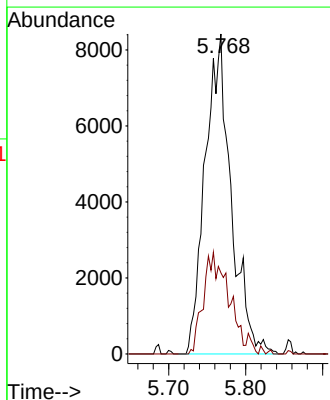
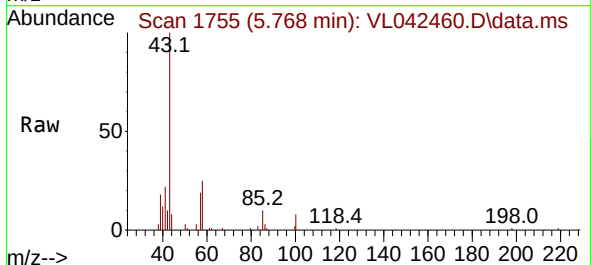
Manual Integrations
APPROVED

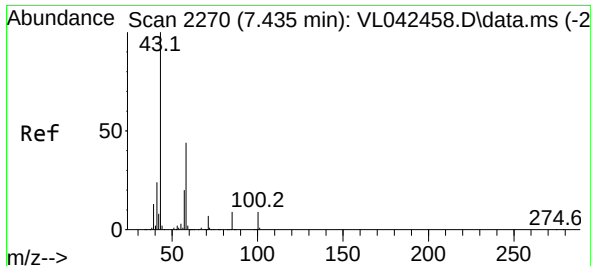
Reviewed By :Semsettin Yesilyurt 05/02/2025
Supervised By :Mahesh Dadoda 05/05/2025



#50
4-Methyl-2-Pentanone
Concen: 1.072 ppbv m
RT: 5.768 min Scan# 1755
Delta R.T. 0.019 min
Lab File: VL042460.D
Acq: 01 May 2025 10:08

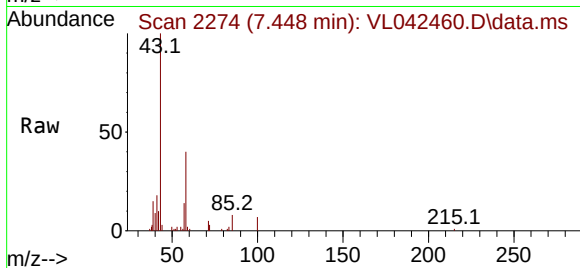
Tgt Ion: 43 Resp: 19618
Ion Ratio Lower Upper
43 100
58 32.5 29.5 44.3





#51
2-Hexanone
Concen: 1.030 ppbv m
RT: 7.448 min Scan# 2159
Delta R.T. 0.013 min
Lab File: VL042460.D
Acq: 01 May 2025 10:08

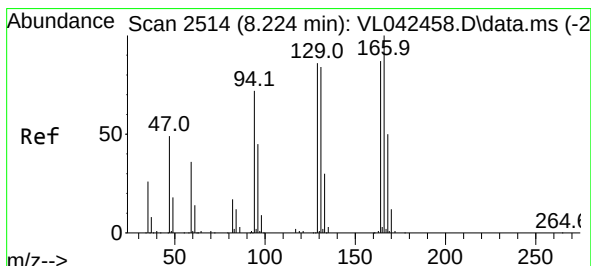
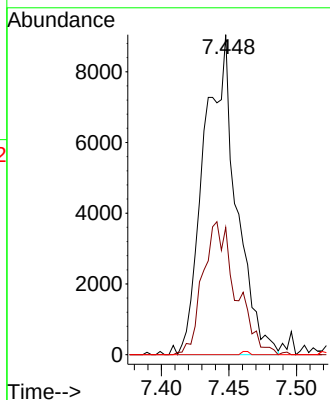
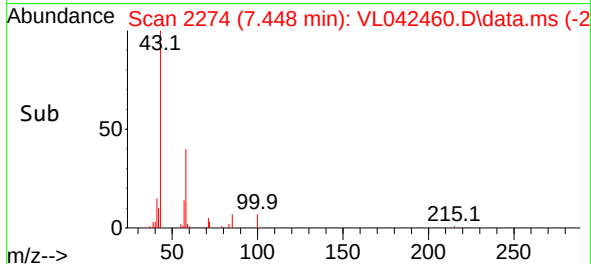
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



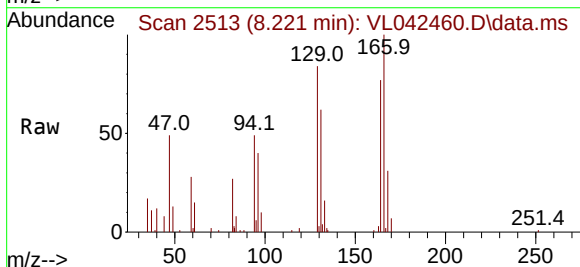
Tgt Ion: 43 Resp: 1509
Ion Ratio Lower Upper
43 100
58 0.0 37.2 55.8
98 0.2 0.4 0.6

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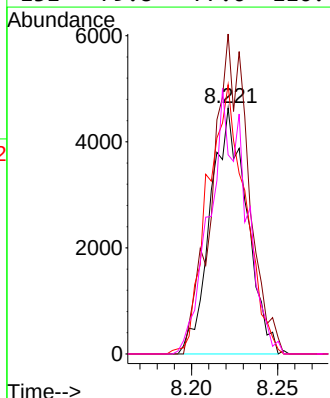
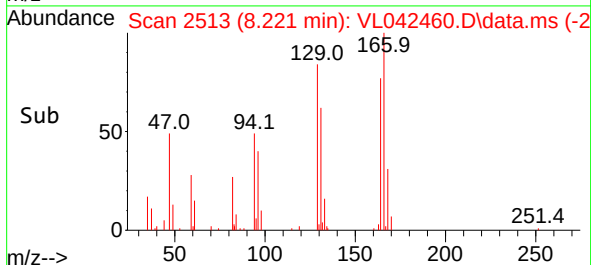
Reviewed By :Semsettin Yesilyurt 05/02/2025
Supervised By :Mahesh Dadoda 05/05/2025

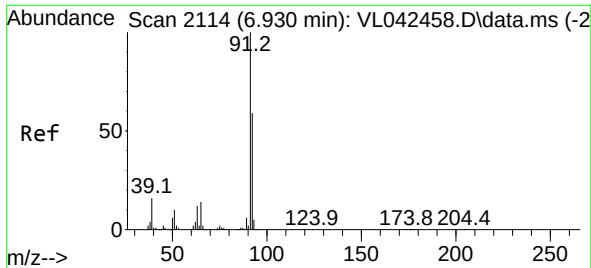


#52
Tetrachloroethene
Concen: 0.943 ppbv
RT: 8.221 min Scan# 2513
Delta R.T. -0.003 min
Lab File: VL042460.D
Acq: 01 May 2025 10:08



Tgt Ion:164 Resp: 6780
Ion Ratio Lower Upper
164 100
166 130.2 91.6 137.4
129 107.6 79.0 118.4
131 79.8 77.6 116.4





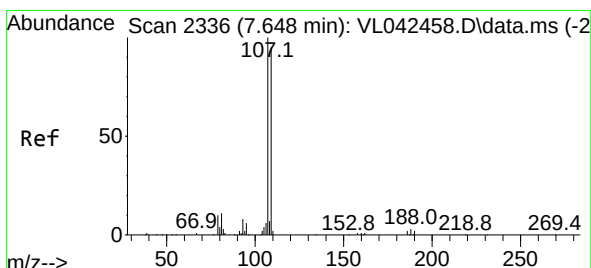
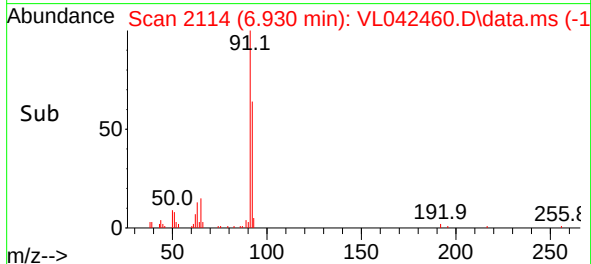
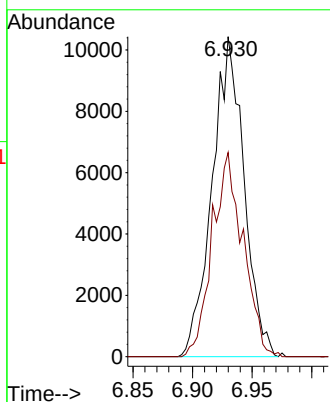
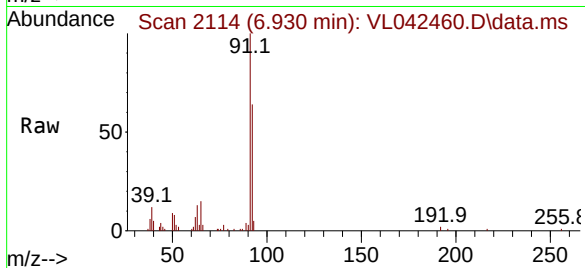
#53
Toluene
Concen: 0.970 ppbv
RT: 6.930 min Scan# 2114
Delta R.T. -0.000 min
Lab File: VL042460.D
Acq: 01 May 2025 10:08

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion: 91 Resp: 19390
Ion Ratio Lower Upper
91 100
92 61.9 47.9 71.9

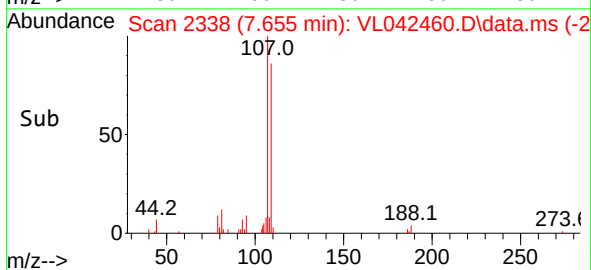
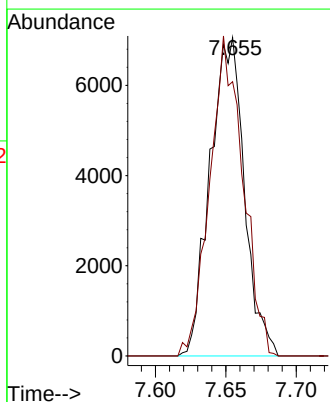
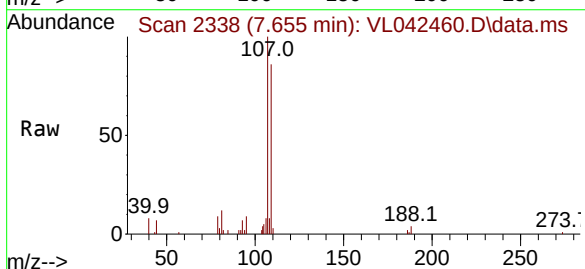
Manual Integrations
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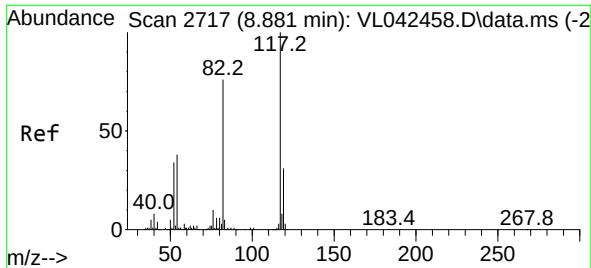
Reviewed By :Semsettin Yesilyurt 05/02/2025
Supervised By :Mahesh Dadoda 05/05/2025



#54
1,2-Dibromoethane
Concen: 1.005 ppbv
RT: 7.655 min Scan# 2338
Delta R.T. 0.006 min
Lab File: VL042460.D
Acq: 01 May 2025 10:08

Tgt Ion:107 Resp: 11980
Ion Ratio Lower Upper
107 100
109 86.2 76.0 114.0





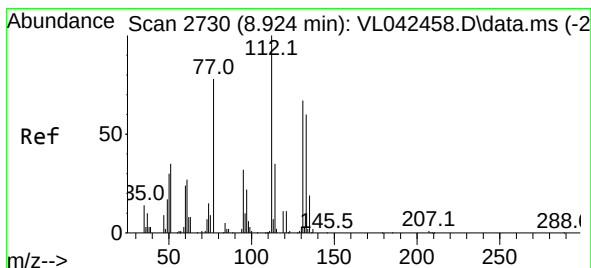
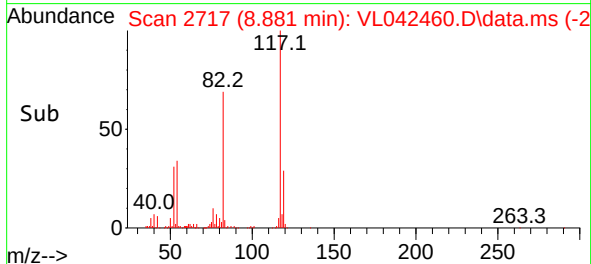
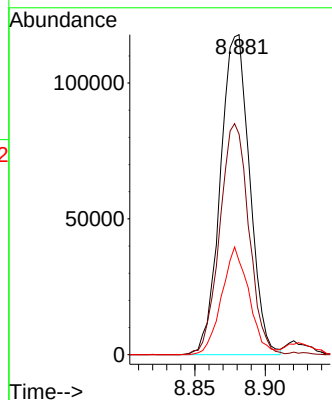
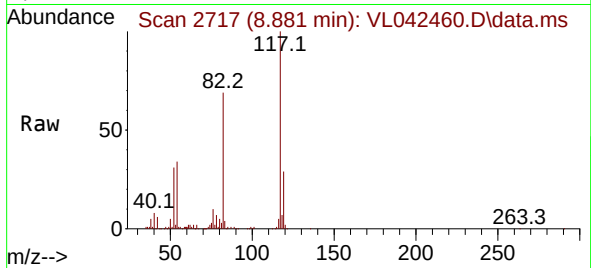
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.881 min Scan# 2717
Delta R.T. -0.000 min
Lab File: VL042460.D
Acq: 01 May 2025 10:08

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:117 Resp: 170872
Ion Ratio Lower Upper
117 100
82 72.3 63.5 95.3
119 31.4 25.8 38.8

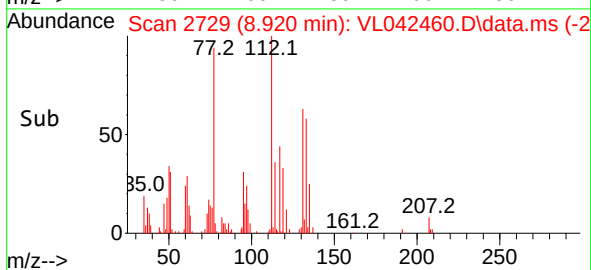
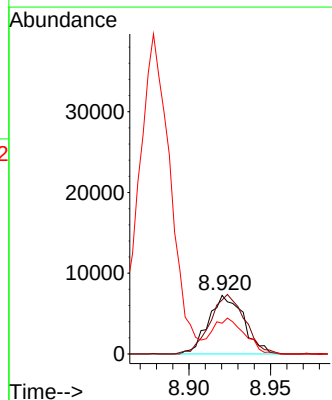
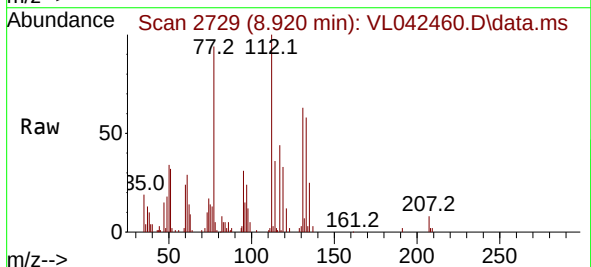
Manual Integrations
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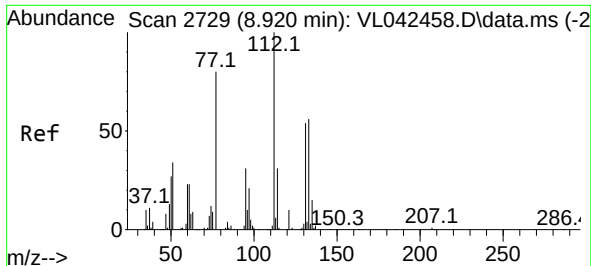
Reviewed By :Semsettin Yesilyurt 05/02/2025
Supervised By :Mahesh Dadoda 05/05/2025



#56
1,1,1,2-Tetrachloroethane
Concen: 1.071 ppbv
RT: 8.920 min Scan# 2729
Delta R.T. -0.003 min
Lab File: VL042460.D
Acq: 01 May 2025 10:08

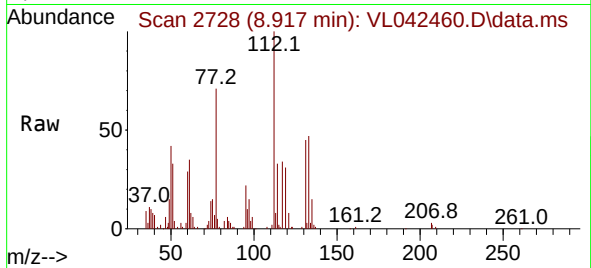
Tgt Ion:131 Resp: 10811
Ion Ratio Lower Upper
131 100
133 100.8 76.0 114.0
119 53.6 46.1 69.1





#57
Chlorobenzene
Concen: 1.055 ppbv
RT: 8.917 min Scan# 2729
Delta R.T. -0.003 min
Lab File: VL042460.D
Acq: 01 May 2025 10:08

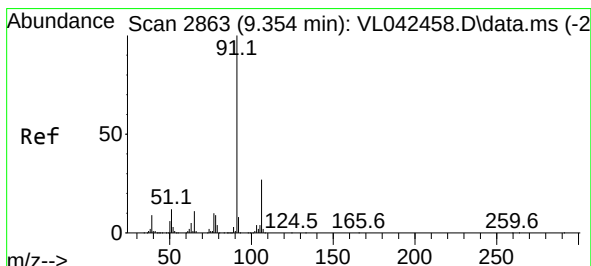
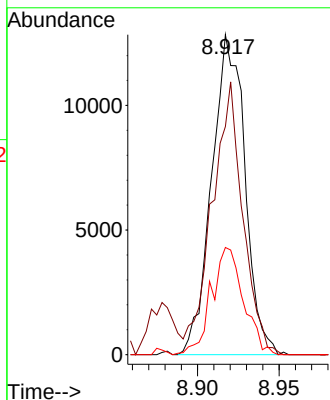
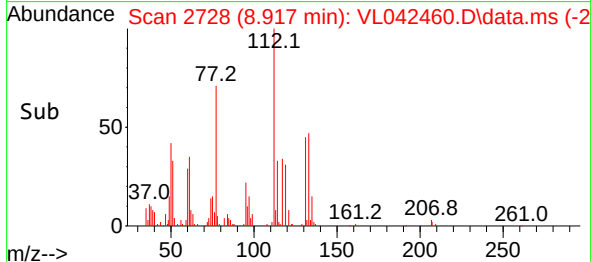
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



Tgt Ion:112 Resp: 1811
Ion Ratio Lower Upper
112 100
77 70.3 65.0 97.4
114 33.5 27.5 33.7

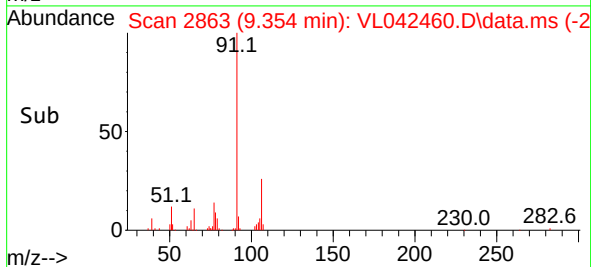
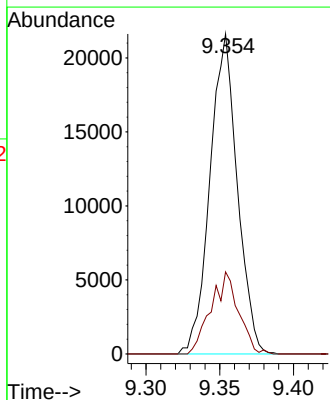
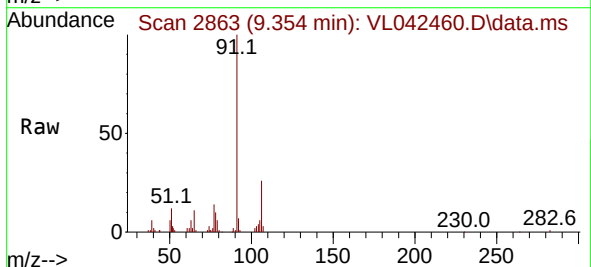
Manual Integrations
APPROVED

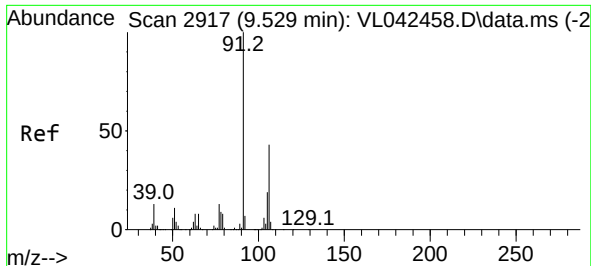
Reviewed By :Semsettin Yesilyurt 05/02/2025
Supervised By :Mahesh Dadoda 05/05/2025



#58
Ethyl Benzene
Concen: 0.978 ppbv
RT: 9.354 min Scan# 2863
Delta R.T. -0.000 min
Lab File: VL042460.D
Acq: 01 May 2025 10:08

Tgt Ion: 91 Resp: 27914
Ion Ratio Lower Upper
91 100
106 25.6 21.9 32.9





#59

m/p-Xylene

Concen: 1.968 ppbv m

RT: 9.548 min Scan# 2917

Delta R.T. 0.019 min

Lab File: VL042460.D

Acq: 01 May 2025 10:08

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

Tgt Ion: 91 Resp: 4710

Ion Ratio Lower Upper

91 100

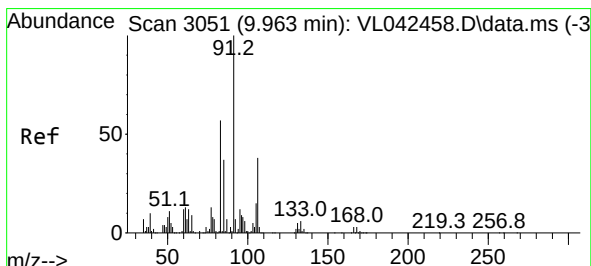
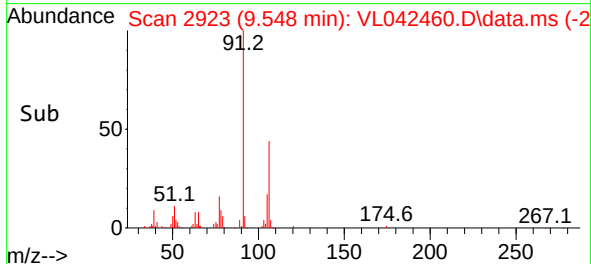
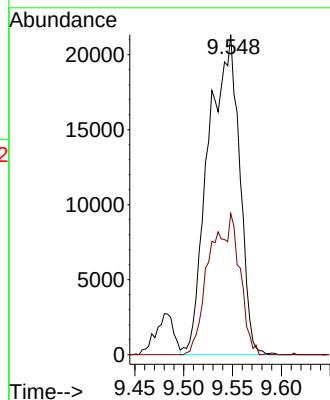
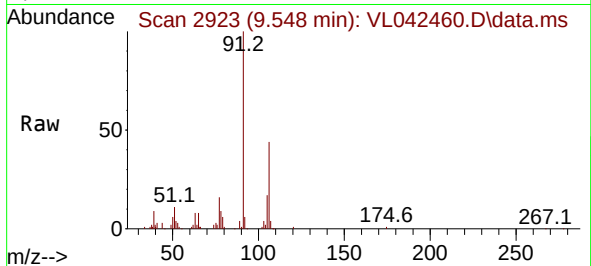
106 0.0 34.2 51.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/02/2025

Supervised By :Mahesh Dadoda 05/05/2025



#60

o-Xylene

Concen: 0.995 ppbv

RT: 9.962 min Scan# 3051

Delta R.T. -0.000 min

Lab File: VL042460.D

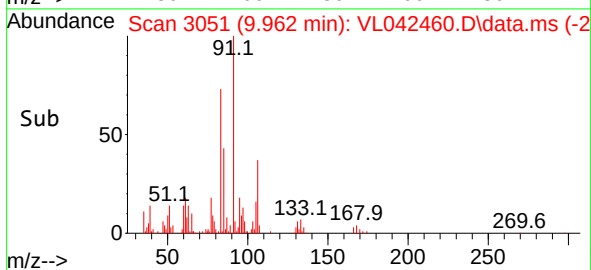
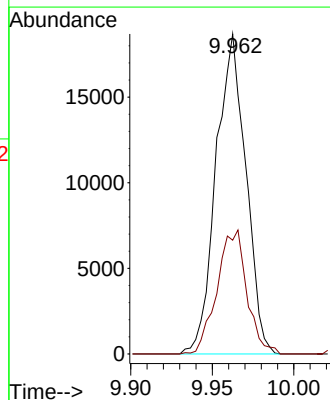
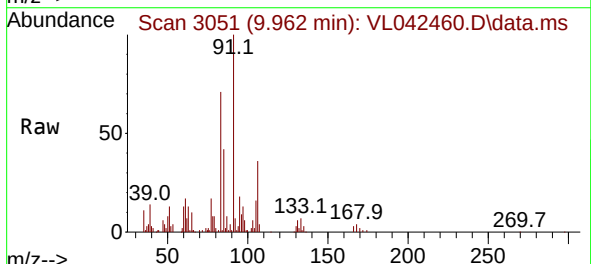
Acq: 01 May 2025 10:08

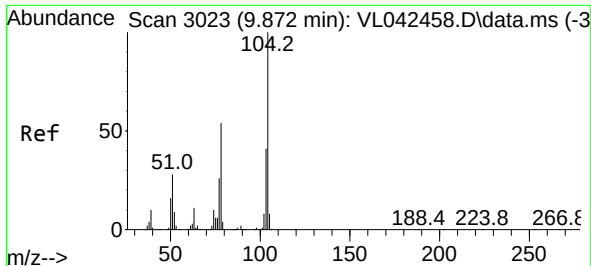
Tgt Ion: 91 Resp: 23806

Ion Ratio Lower Upper

91 100

106 38.7 20.1 60.2





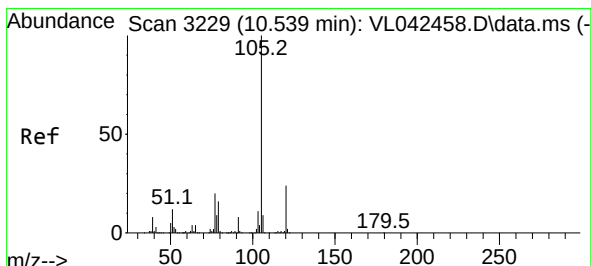
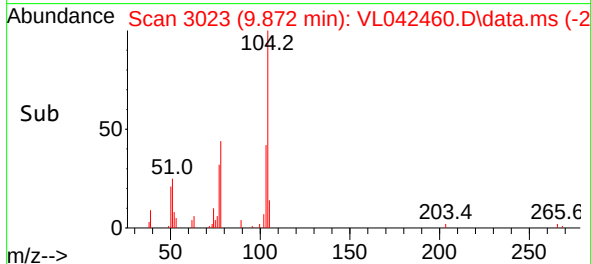
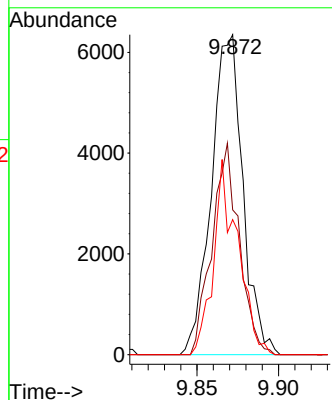
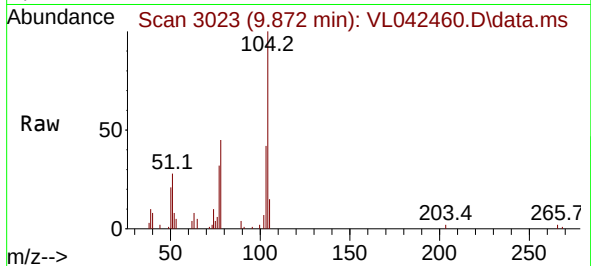
#61
Styrene
Concen: 0.954 ppbv
RT: 9.872 min Scan# 3023
Delta R.T. -0.000 min
Lab File: VL042460.D
Acq: 01 May 2025 10:08

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:104 Resp: 853
Ion Ratio Lower Upper
104 100
78 57.2 46.9 70.3
103 47.0 36.6 55.0

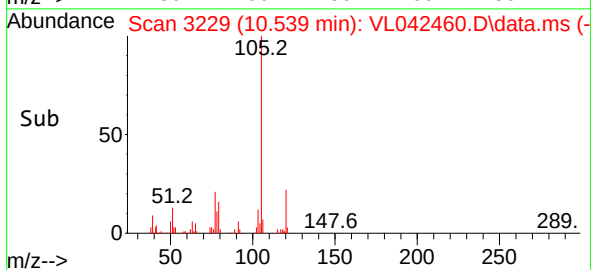
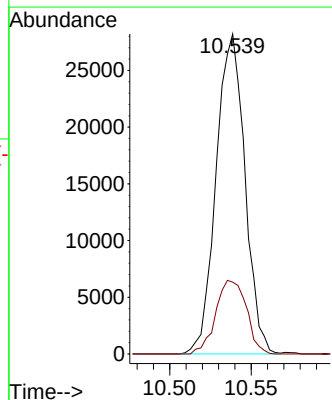
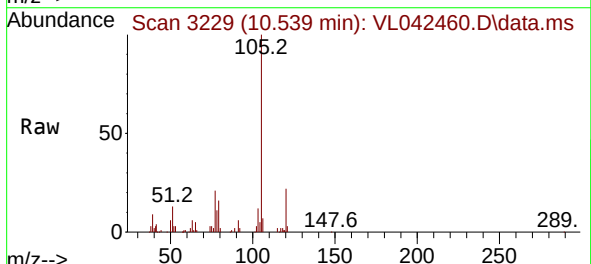
Manual Integrations
APPROVED

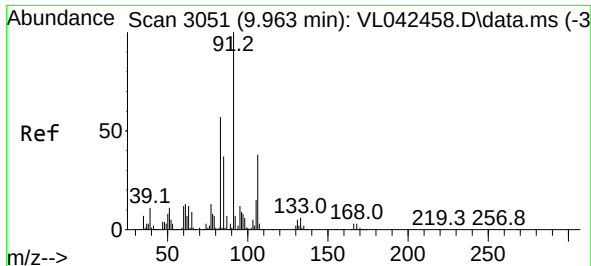
Reviewed By :Semsettin Yesilyurt 05/02/2025
Supervised By :Mahesh Dadoda 05/05/2025



#62
Isopropylbenzene
Concen: 1.003 ppbv
RT: 10.539 min Scan# 3229
Delta R.T. -0.000 min
Lab File: VL042460.D
Acq: 01 May 2025 10:08

Tgt Ion:105 Resp: 34679
Ion Ratio Lower Upper
105 100
120 24.5 18.8 28.2





#63

1,1,2,2-Tetrachloroethane

Concen: 1.084 ppbv

RT: 9.962 min Scan# 3051

Delta R.T. -0.000 min

Lab File: VL042460.D

Acq: 01 May 2025 10:08

Instrument :

MSVOA_L

ClientSampleId :

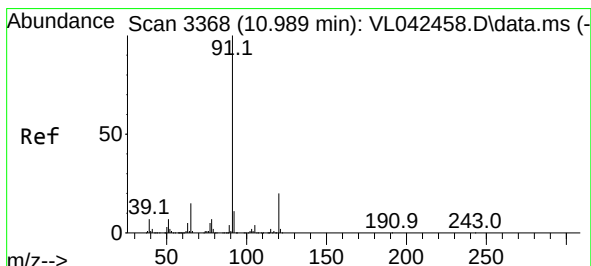
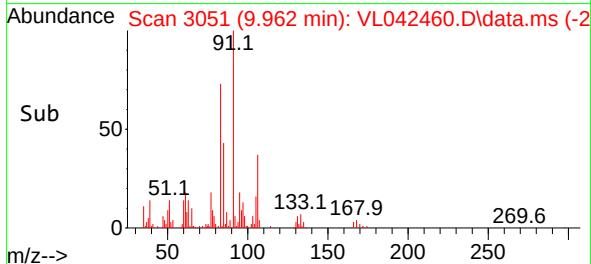
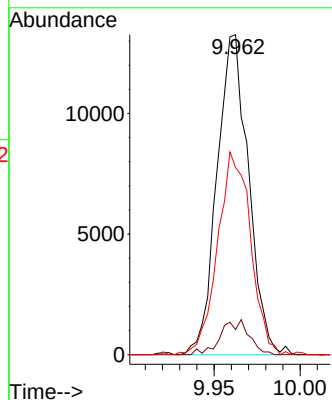
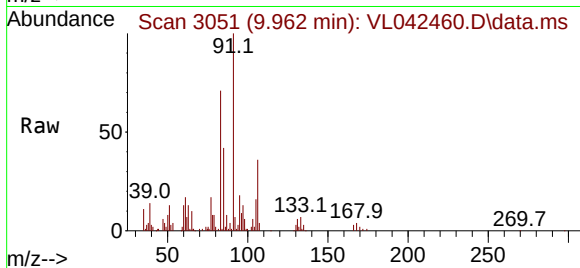
VSTDIC001

Tgt Ion:	83	Resp:	1683
Ion Ratio	Lower	Upper	
83	100		
131	9.8	4.7	14.1
85	66.8	32.5	97.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/02/2025
Supervised By :Mahesh Dadoda 05/05/2025



#64

n-propylbenzene

Concen: 1.064 ppbv

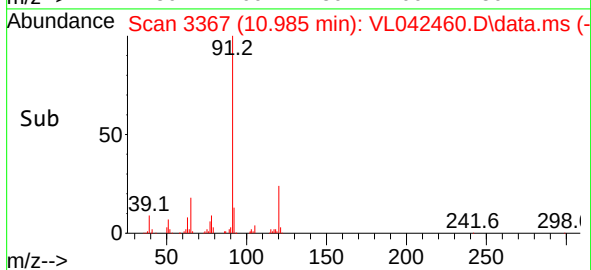
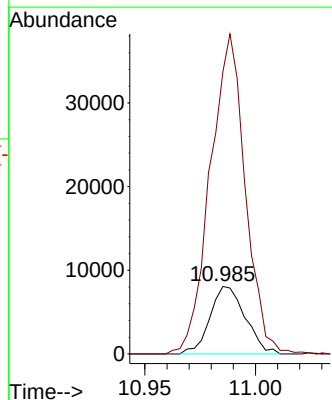
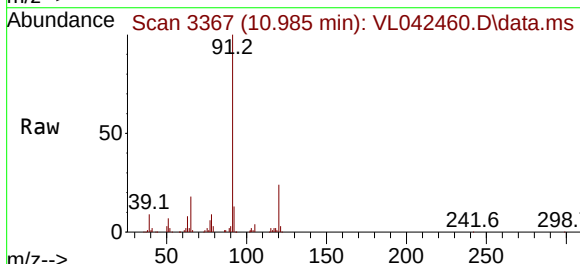
RT: 10.985 min Scan# 3367

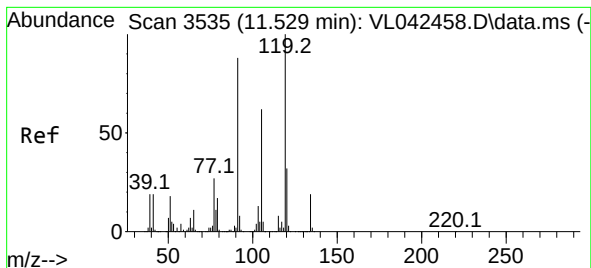
Delta R.T. -0.003 min

Lab File: VL042460.D

Acq: 01 May 2025 10:08

Tgt Ion:	120	Resp:	8958
Ion Ratio	Lower	Upper	
120	100		
91	471.3	408.6	612.8





#65

tert-Butylbenzene

Concen: 0.992 ppbv

RT: 11.529 min Scan# 3535

Delta R.T. -0.000 min

Lab File: VL042460.D

Acq: 01 May 2025 10:08

Instrument :

MSVOA_L

ClientSampleId :

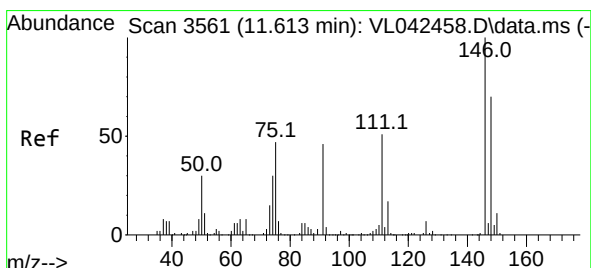
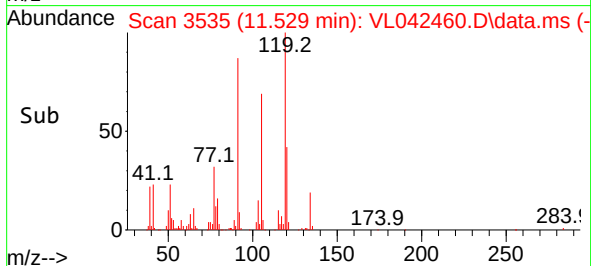
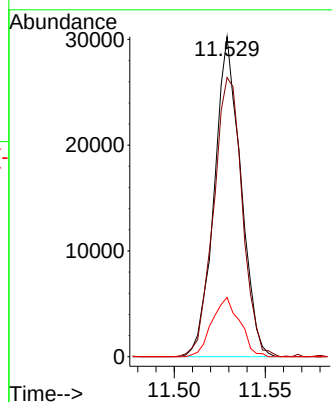
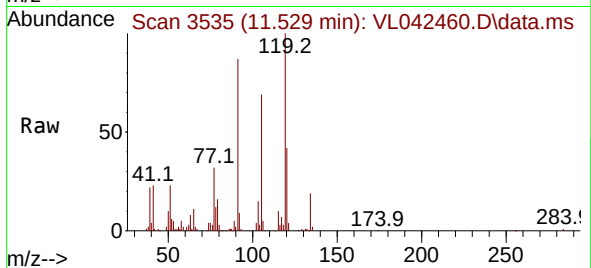
VSTDIC001

Tgt Ion:	119	Resp:	3060
Ion Ratio	Lower	Upper	
119	100		
91	94.7	71.6	107.4
134	19.5	15.0	22.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/02/2025
Supervised By :Mahesh Dadoda 05/05/2025



#66

Benzyl Chloride

Concen: 0.978 ppbv

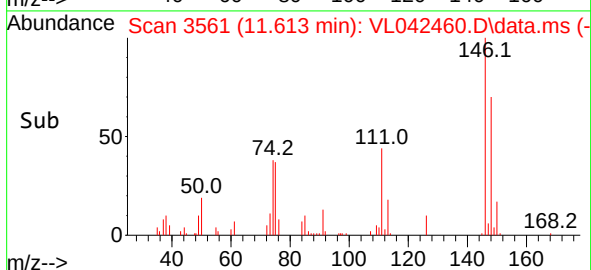
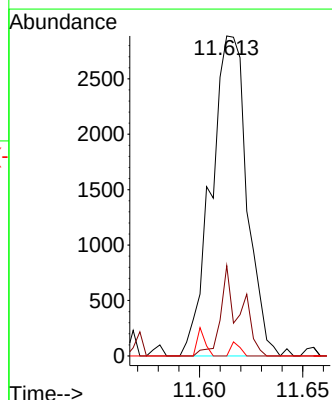
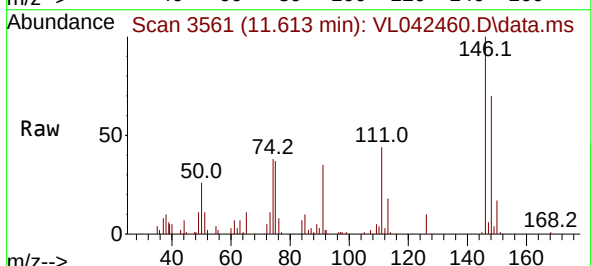
RT: 11.613 min Scan# 3561

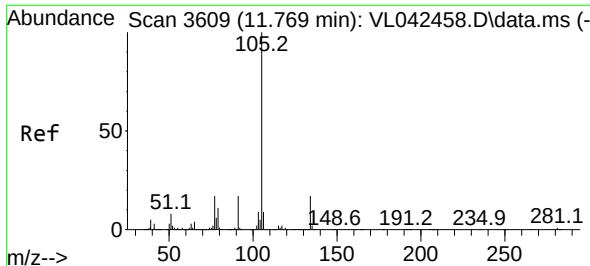
Delta R.T. -0.000 min

Lab File: VL042460.D

Acq: 01 May 2025 10:08

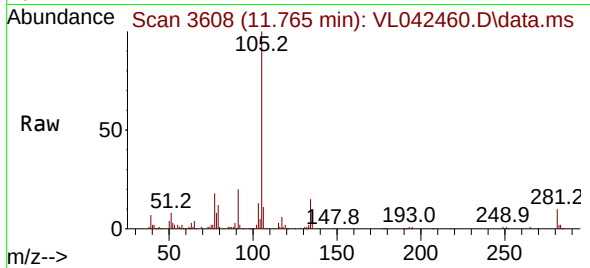
Tgt Ion:	91	Resp:	3486
Ion Ratio	Lower	Upper	
91	100		
126	15.3	13.3	19.9
128	3.1	4.2	6.4





#67
 sec-Butylbenzene
 Concen: 0.998 ppbv
 RT: 11.765 min Scan# 3608
 Delta R.T. -0.003 min
 Lab File: VL042460.D
 Acq: 01 May 2025 10:08

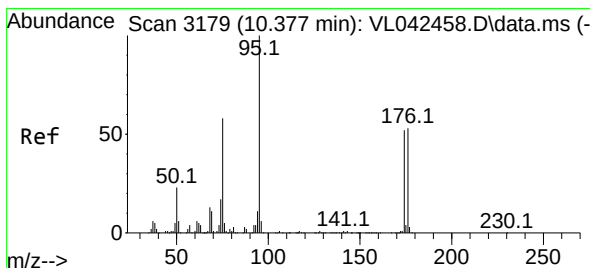
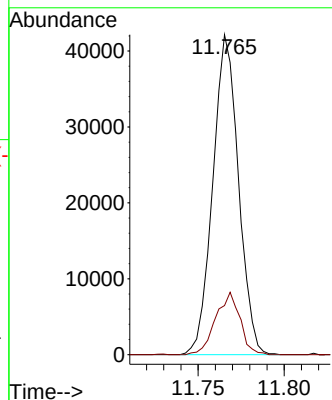
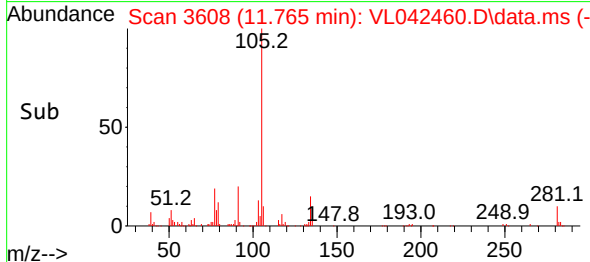
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001



Tgt Ion:105 Resp: 43740
 Ion Ratio Lower Upper
 105 100
 134 18.6 14.1 21.1

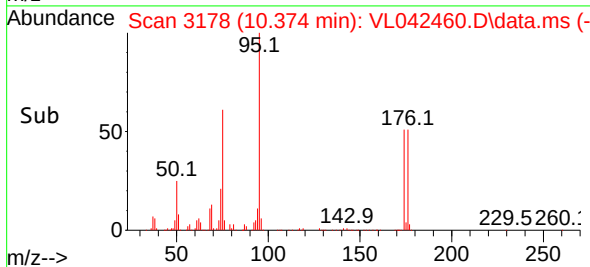
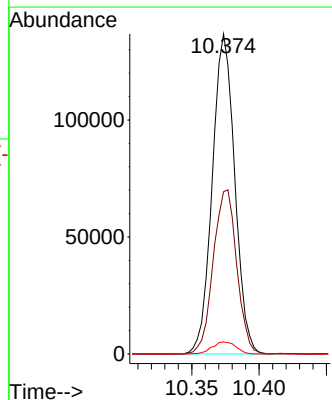
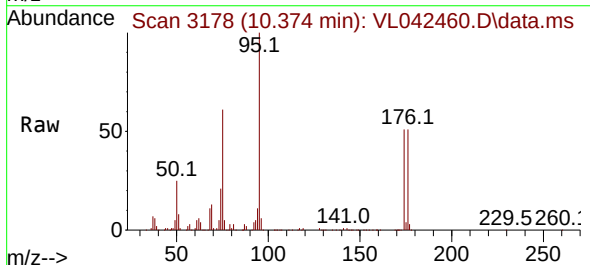
Manual Integrations
 APPROVED

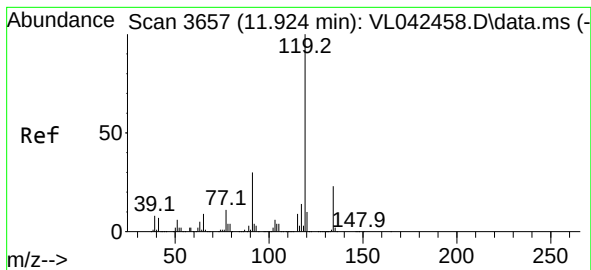
Reviewed By :Semsettin Yesilyurt 05/02/2025
 Supervised By :Mahesh Dadoda 05/05/2025



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.011 ppbv
 RT: 10.374 min Scan# 3178
 Delta R.T. -0.003 min
 Lab File: VL042460.D
 Acq: 01 May 2025 10:08

Tgt Ion: 95 Resp: 158600
 Ion Ratio Lower Upper
 95 100
 174 53.7 42.7 64.1
 175 4.0 3.6 5.4





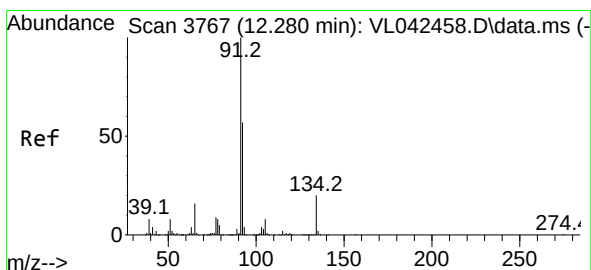
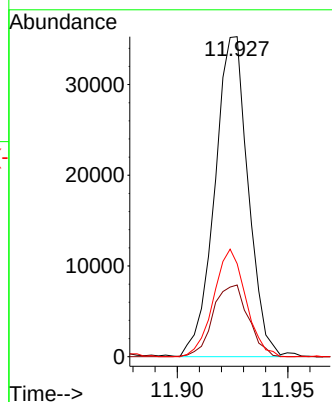
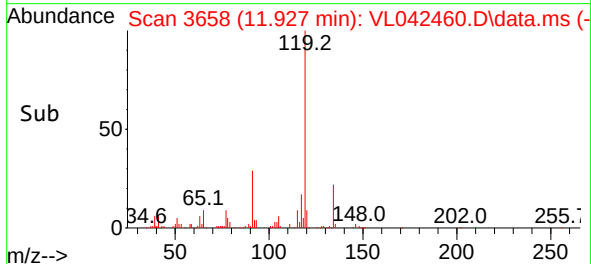
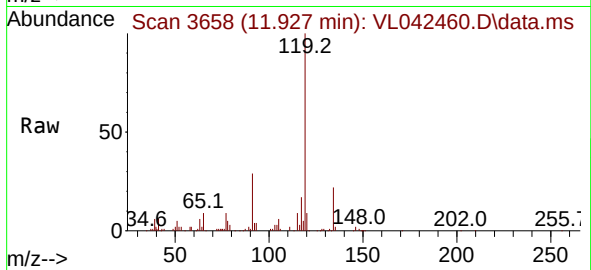
#69
p-Isopropyltoluene
Concen: 1.002 ppbv
RT: 11.927 min Scan# 3658
Delta R.T. 0.003 min
Lab File: VL042460.D
Acq: 01 May 2025 10:08

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion: 119 Resp: 3701
Ion Ratio Lower Upper
119 100
134 23.6 19.0 28.4
91 32.8 25.5 38.3

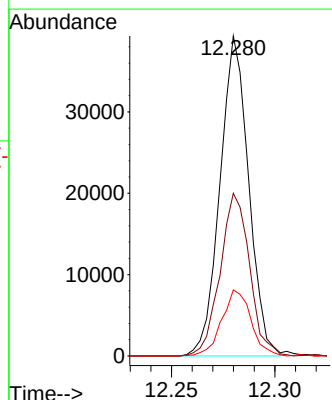
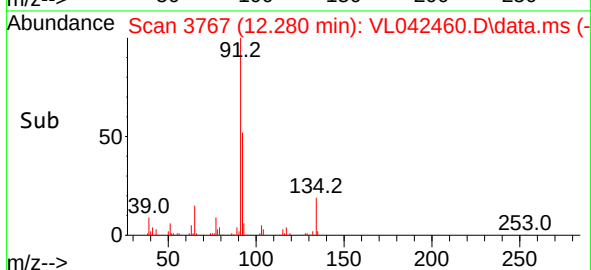
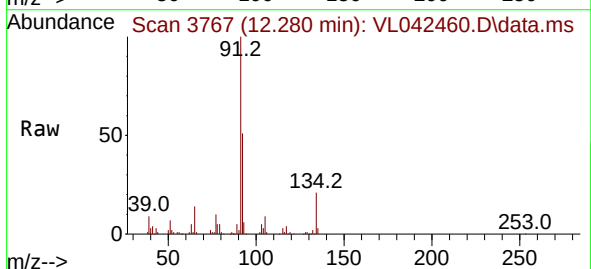
Manual Integrations
APPROVED

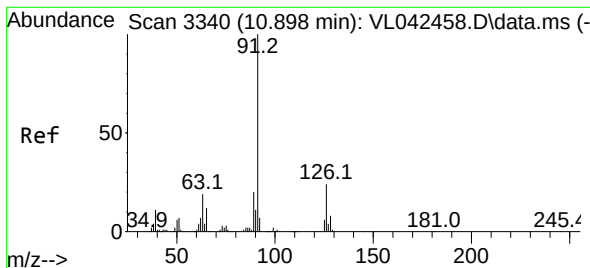
Reviewed By :Semsettin Yesilyurt 05/02/2025
Supervised By :Mahesh Dadoda 05/05/2025



#70
n-Butylbenzene
Concen: 0.992 ppbv
RT: 12.280 min Scan# 3767
Delta R.T. -0.000 min
Lab File: VL042460.D
Acq: 01 May 2025 10:08

Tgt Ion: 91 Resp: 37892
Ion Ratio Lower Upper
91 100
92 52.5 44.0 66.0
134 21.2 16.8 25.2





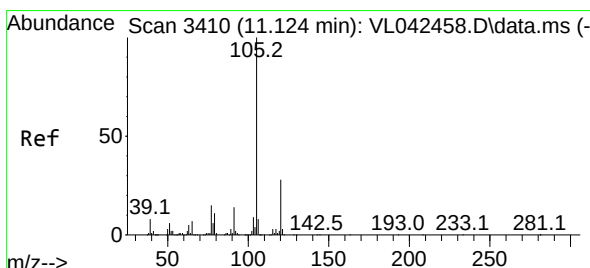
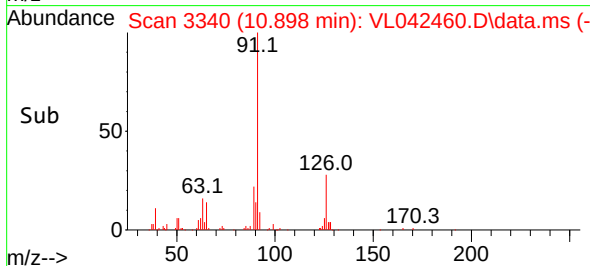
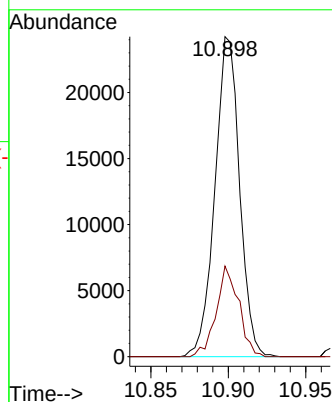
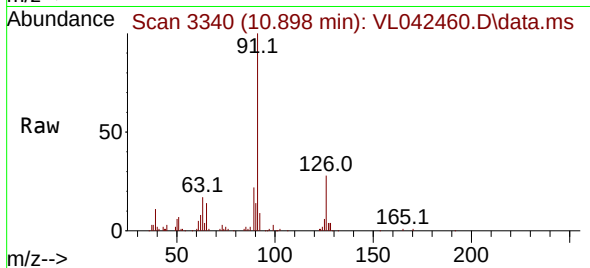
#71
2-Chlorotoluene
Concen: 0.989 ppbv
RT: 10.898 min Scan# 31
Delta R.T. -0.000 min
Lab File: VL042460.D
Acq: 01 May 2025 10:08

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 91 Resp: 2681
Ion Ratio Lower Upper
91 100
126 25.9 10.6 42.2

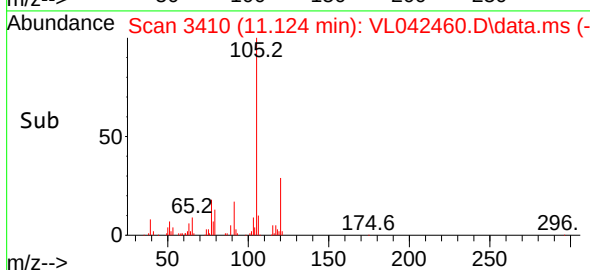
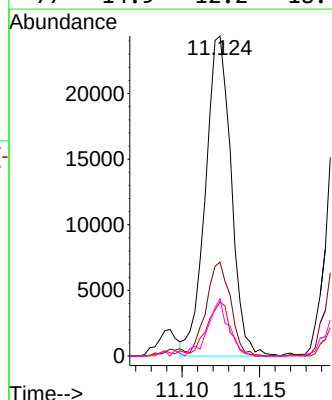
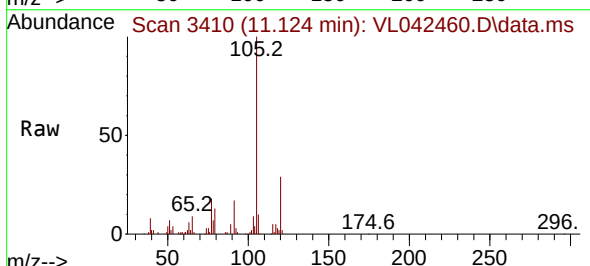
Manual Integrations
APPROVED

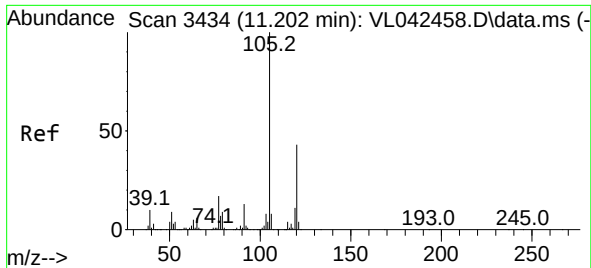
Reviewed By :Semsettin Yesilyurt 05/02/2025
Supervised By :Mahesh Dadoda 05/05/2025



#72
4-Ethyltoluene
Concen: 0.996 ppbv
RT: 11.124 min Scan# 3410
Delta R.T. -0.000 min
Lab File: VL042460.D
Acq: 01 May 2025 10:08

Tgt Ion:105 Resp: 28149
Ion Ratio Lower Upper
105 100
120 29.5 22.0 33.0
91 16.6 11.2 16.8
77 14.9 12.2 18.4





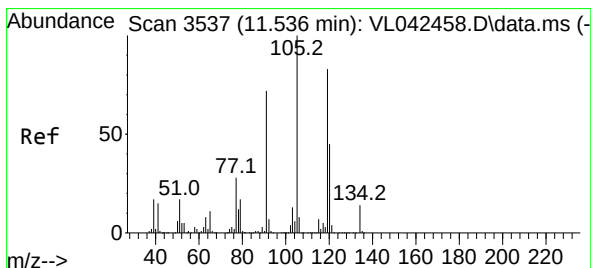
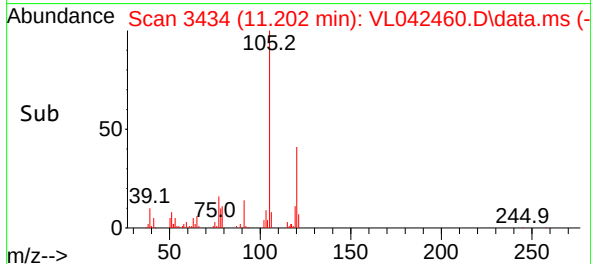
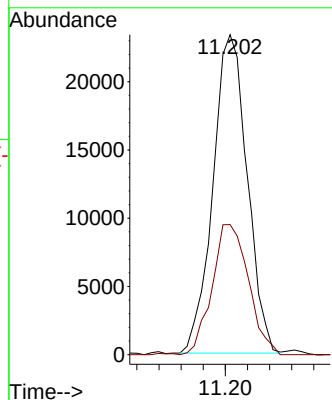
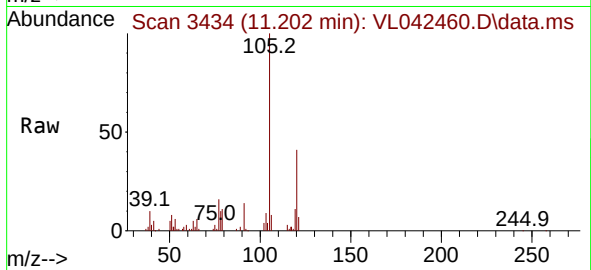
#73
1,3,5-Trimethylbenzene
Concen: 1.009 ppbv
RT: 11.202 min Scan# 3434
Delta R.T. -0.000 min
Lab File: VL042460.D
Acq: 01 May 2025 10:08

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion:105 Resp: 2507
Ion Ratio Lower Upper
105 100
120 40.8 34.4 51.6

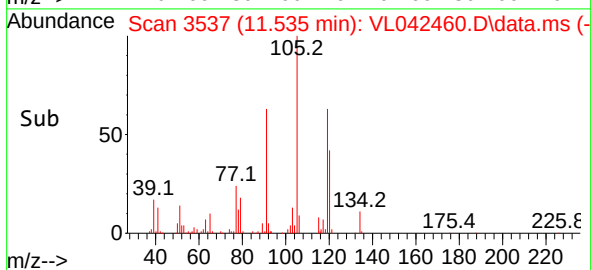
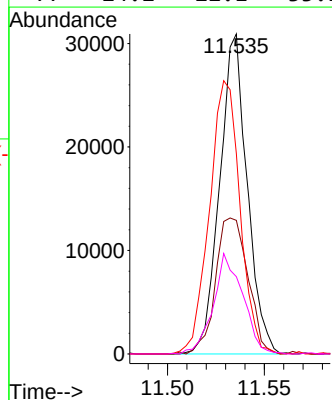
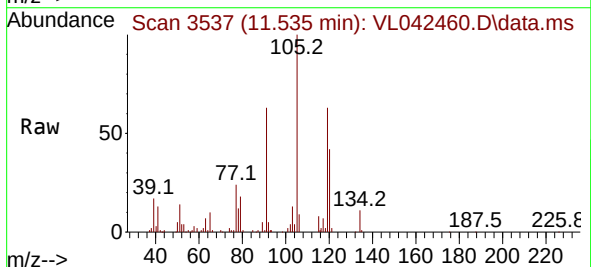
Manual Integrations
APPROVED

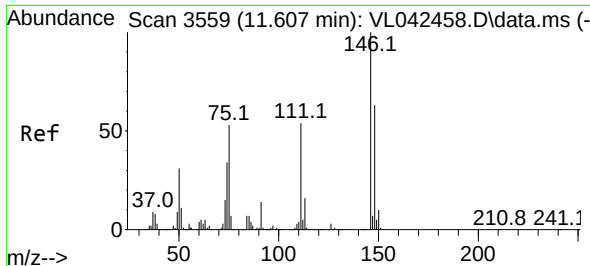
Reviewed By :Semsettin Yesilyurt 05/02/2025
Supervised By :Mahesh Dadoda 05/05/2025



#74
1,2,4-Trimethylbenzene
Concen: 1.016 ppbv
RT: 11.535 min Scan# 3537
Delta R.T. -0.000 min
Lab File: VL042460.D
Acq: 01 May 2025 10:08

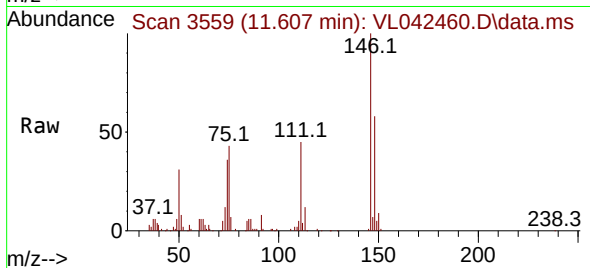
Tgt Ion:105 Resp: 30550
Ion Ratio Lower Upper
105 100
120 41.7 36.1 54.1
91 62.6 57.6 86.4
77 24.2 22.1 33.1





#75
1,3-Dichlorobenzene
Concen: 1.043 ppbv
RT: 11.607 min Scan# 3559
Delta R.T. -0.000 min
Lab File: VL042460.D
Acq: 01 May 2025 10:08

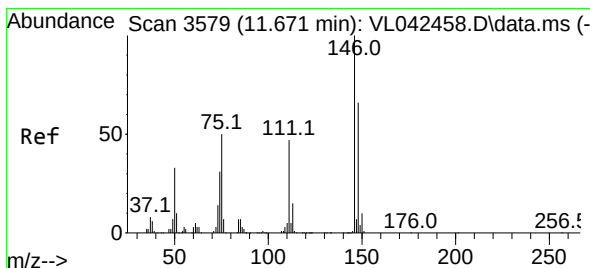
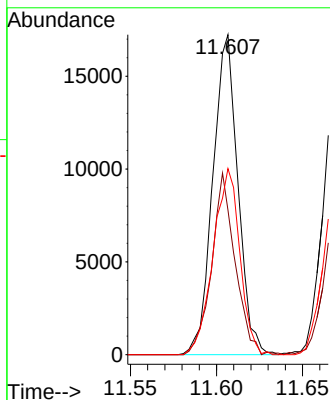
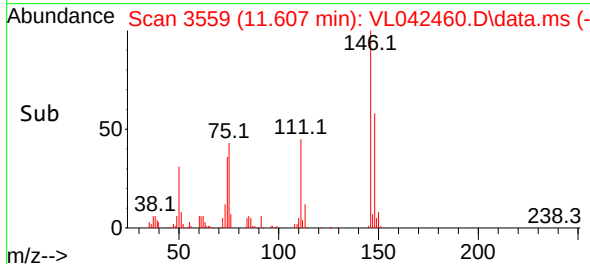
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



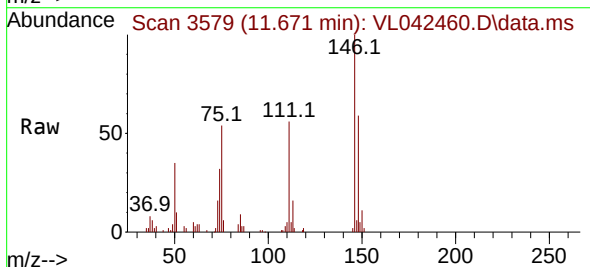
Tgt Ion:146 Resp: 17450
Ion Ratio Lower Upper
146 100
111 53.0 26.1 78.3
148 61.8 32.0 96.0

Manual Integrations
APPROVED

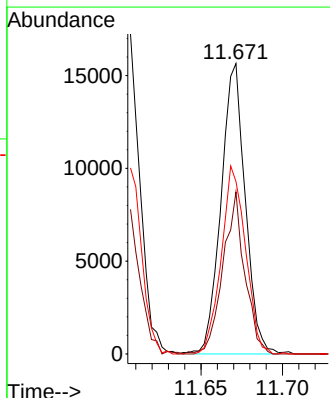
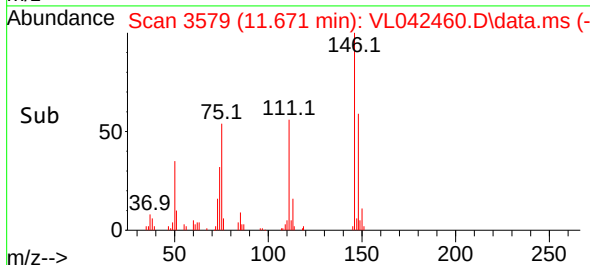
Reviewed By :Semsettin Yesilyurt 05/02/2025
Supervised By :Mahesh Dadoda 05/05/2025

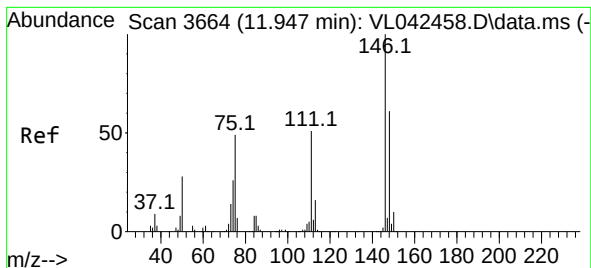


#76
1,4-Dichlorobenzene
Concen: 1.019 ppbv
RT: 11.671 min Scan# 3579
Delta R.T. -0.000 min
Lab File: VL042460.D
Acq: 01 May 2025 10:08



Tgt Ion:146 Resp: 16151
Ion Ratio Lower Upper
146 100
111 50.3 24.4 73.2
148 64.8 32.0 96.2





#77

1,2-Dichlorobenzene

Concen: 1.050 ppbv

RT: 11.947 min Scan# 30

Delta R.T. -0.000 min

Lab File: VL042460.D

Acq: 01 May 2025 10:08

Instrument :

MSVOA_L

ClientSampleId :

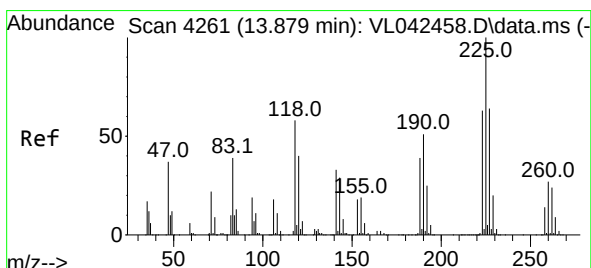
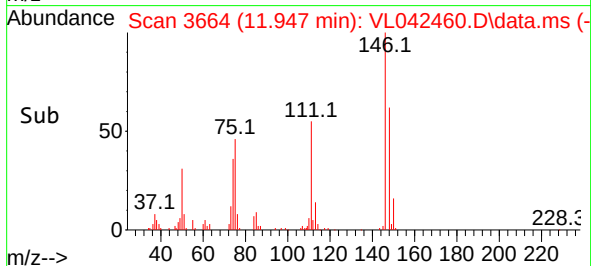
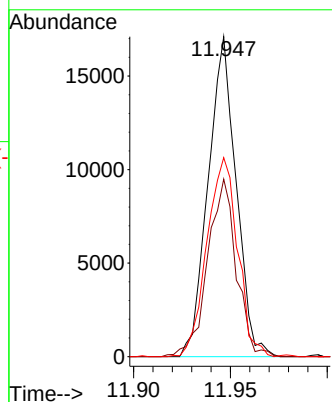
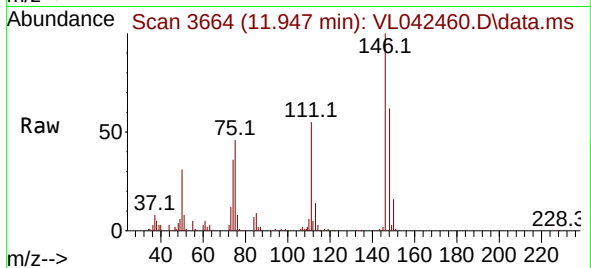
VSTDICC001

Tgt Ion:	146	Resp:	1720
Ion Ratio	Lower	Upper	
146	100		
111	56.8	26.5	79.5
148	68.5	31.5	94.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/02/2025
Supervised By :Mahesh Dadoda 05/05/2025



#78

Hexachloro-1,3-Butadiene

Concen: 1.129 ppbv

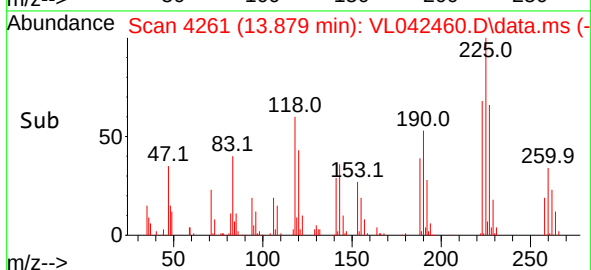
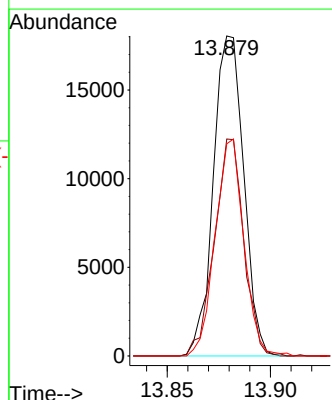
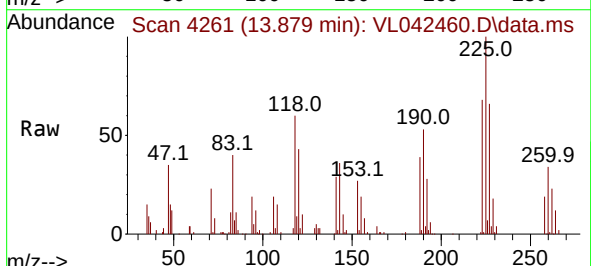
RT: 13.879 min Scan# 4261

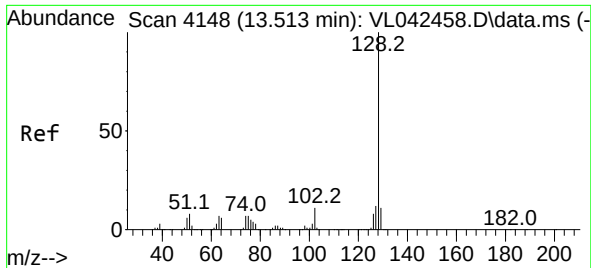
Delta R.T. -0.000 min

Lab File: VL042460.D

Acq: 01 May 2025 10:08

Tgt Ion:	225	Resp:	18472
Ion Ratio	Lower	Upper	
225	100		
223	65.3	50.2	75.4
227	63.8	51.2	76.8





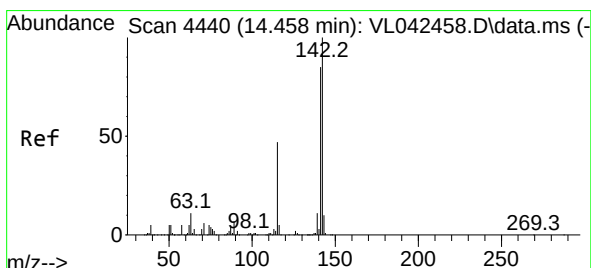
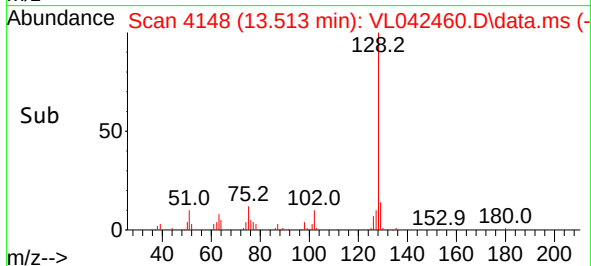
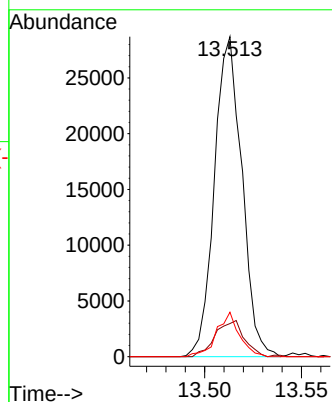
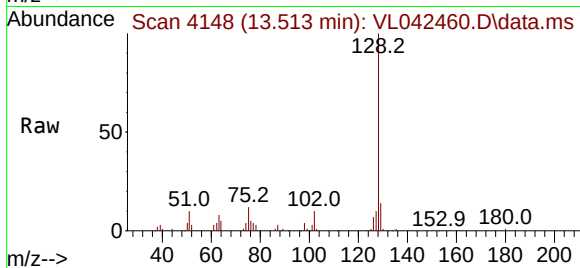
#79
Naphthalene
Concen: 1.123 ppbv
RT: 13.513 min Scan# 4148
Delta R.T. -0.000 min
Lab File: VL042460.D
Acq: 01 May 2025 10:08

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion:128 Resp: 28310
Ion Ratio Lower Upper
128 100
127 10.4 9.7 14.5
129 13.9 8.6 13.0

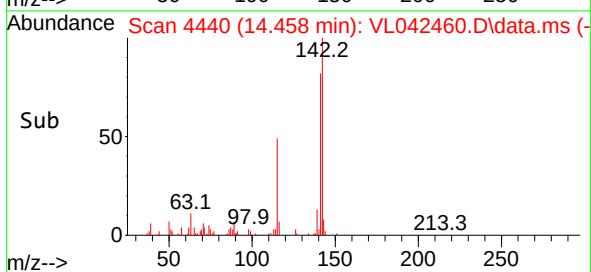
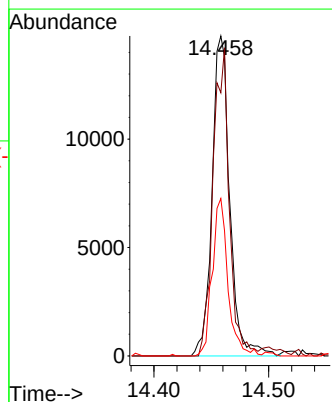
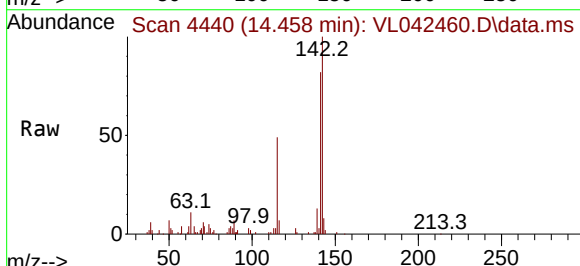
Manual Integrations
APPROVED

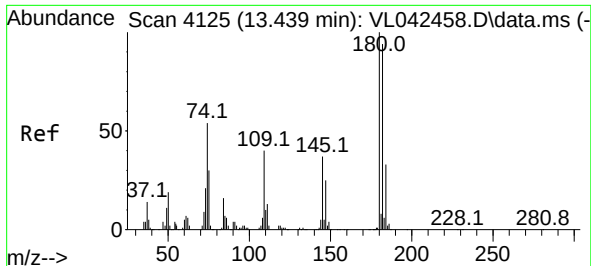
Reviewed By :Semsettin Yesilyurt 05/02/2025
Supervised By :Mahesh Dadoda 05/05/2025



#80
Naphthalene,2-methyl-
Concen: 0.840 ppbv
RT: 14.458 min Scan# 4440
Delta R.T. -0.000 min
Lab File: VL042460.D
Acq: 01 May 2025 10:08

Tgt Ion:142 Resp: 15804
Ion Ratio Lower Upper
142 100
141 92.3 67.4 101.0
115 44.3 36.9 55.3





#81

1,2,4-Trichlorobenzene

Concen: 1.011 ppbv

RT: 13.439 min Scan# 41

Delta R.T. -0.000 min

Lab File: VL042460.D

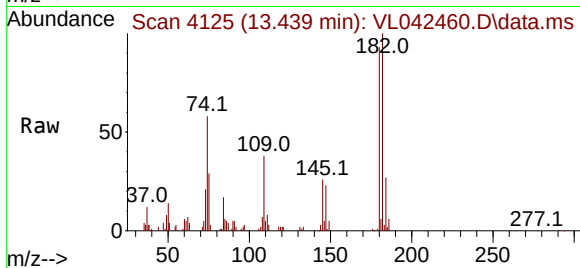
Acq: 01 May 2025 10:08

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC001



Tgt Ion:180	Resp:	1364
Ion Ratio	Lower	Upper
180	100	
182	96.5	74.6 111.8
184	34.1	24.9 37.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/02/2025
Supervised By :Mahesh Dadoda 05/05/2025

