

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL052925\
 Data File : VL042580.D
 Acq On : 29 May 2025 11:43
 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 05/30/2025
 Supervised By :Mahesh Dadoda 05/30/2025

Quant Time: May 30 01:17:26 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL052925AIR.M

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

QLast Update : Fri May 30 01:15:52 2025

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.790	49	104930	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.965	114	310090	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.888	117	284199	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 10.380 95 210508 9.881 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 98.800%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.499	85	27278	2.115	ppbv	99
3) Chlorodifluoromethane	1.476	51	38320	2.157	ppbv	98
4) Chloromethane	1.534	50	10641	2.084	ppbv	98
5) Vinyl Chloride	1.580	62	9819	1.887	ppbv	98
6) Bromomethane	1.670	94	4819	1.903	ppbv	83
7) Chloroethane	1.706	64	4162	2.059	ppbv #	85
8) Dichlorotetrafluoroethane	1.554	85	22568	2.100	ppbv	98
9) Propene	1.483	41	15155	2.119	ppbv	96
10) Heptane	4.988	43	41577	2.060	ppbv	97
11) Trichlorofluoromethane	1.878	101	25215	2.101	ppbv	94
12) 1,1,2-Trichlorotrifluo...	2.143	101	19963	2.119	ppbv	99
13) Ethanol	1.722	45	1925m	2.411	ppbv	
14) Bromoethene	1.784	108	7607	2.146	ppbv #	94
15) Acetone	1.839	43	27254	2.156	ppbv	100
16) 1,3-Butadiene	1.609	39	12523	2.092	ppbv	95
17) tert-Butyl alcohol	2.046	59	26842	2.039	ppbv	96
18) 1,1-Dichloroethene	2.036	96	9179	2.094	ppbv	95
19) Isopropyl Alcohol	1.887	45	15567	2.060	ppbv #	43
20) Methylene Chloride	2.062	84	8763	2.101	ppbv	95
21) Allyl Chloride	2.098	41	18178	2.038	ppbv	91
22) trans-1,2-Dichloroethene	2.344	96	9775	1.998	ppbv	97
23) Vinyl Acetate	2.467	43	35373	2.070	ppbv #	96
24) 1,1-Dichloroethane	2.412	63	21077	2.100	ppbv	98
25) Ethyl Acetate	2.842	43	71613	2.070	ppbv	99
26) Hexane	2.829	57	32018	2.037	ppbv	97
27) Carbon Disulfide	2.153	76	25143	2.084	ppbv #	62
28) Methyl tert-Butyl Ether	2.444	73	13034	2.044	ppbv #	90
29) Chloroform	2.852	83	42693	2.089	ppbv	93
30) Cyclohexane	3.858	84	27030	2.075	ppbv	96
31) cis-1,2-Dichloroethene	2.726	61	30737	2.138	ppbv	93
32) 1,1,1-Trichloroethane	3.373	97	42588	2.077	ppbv	99
34) 2-Butanone	2.564	43	46279	2.093	ppbv	100
35) Carbon Tetrachloride	3.768	117	41545	2.029	ppbv	95
36) Benzene	3.661	78	63709	2.086	ppbv	96
37) 1,2-Dichloroethane	3.221	62	31831	2.097	ppbv	97
38) Trichloroethene	4.554	130	27139	2.075	ppbv	95
39) 1,2-Dichloropropane	4.321	63	23145	2.050	ppbv	98
40) 1,4-Dioxane	4.603	88	10426m	2.173	ppbv	
41) Tetrahydrofuran	3.062	42	26391	2.039	ppbv	96
42) Bromodichloromethane	4.496	83	44705	2.074	ppbv	90
43) Methyl Methacrylate	4.894	69	25156m	2.126	ppbv	
44) 2,2,4-Trimethylpentane	4.648	57	109446	2.097	ppbv	100
45) t-1,3-Dichloropropene	6.432	75	28273m	2.085	ppbv	

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL052925\
 Data File : VL042580.D
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 Sample : VSTDICC002
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC002

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 05/30/2025
 Supervised By :Mahesh Dadoda 05/30/2025

Quant Time: May 30 01:17:26 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL052925AIR.M

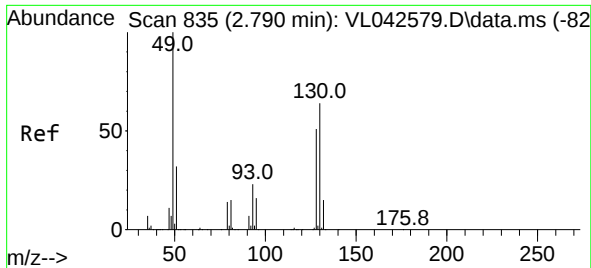
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Fri May 30 01:15:52 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.613	75	34445	2.027	ppbv	98
47) 1,1,2-Trichloroethane	6.590	97	24455	2.092	ppbv	94
48) Dibromochloromethane	7.396	129	39361	2.103	ppbv	99
49) Bromoform	9.487	173	34270	2.122	ppbv	98
50) 4-Methyl-2-Pentanone	5.771	43	62167	2.018	ppbv	99
51) 2-Hexanone	7.451	43	51074	2.100	ppbv #	97
52) Tetrachloroethene	8.234	164	24205	2.121	ppbv	95
53) Toluene	6.940	91	74240	2.104	ppbv	99
54) 1,2-Dibromoethane	7.661	107	35750	2.063	ppbv	94
56) 1,1,1,2-Tetrachloroethane	8.933	131	30026	2.101	ppbv	97
57) Chlorobenzene	8.930	112	57617	2.088	ppbv	95
58) Ethyl Benzene	9.361	91	104171	2.161	ppbv	96
59) m/p-Xylene	9.558	91	162694m	4.288	ppbv	
60) o-Xylene	9.969	91	81886	2.164	ppbv	97
61) Styrene	9.879	104	38542	2.154	ppbv	99
62) Isopropylbenzene	10.545	105	120576	2.157	ppbv	98
63) 1,1,2,2-Tetrachloroethane	9.969	83	48590	2.020	ppbv	99
64) n-propylbenzene	10.995	120	32406	2.163	ppbv	100
65) tert-Butylbenzene	11.536	119	110380	2.176	ppbv	99
66) Benzyl Chloride	11.620	91	14327	2.190	ppbv	98
67) sec-Butylbenzene	11.772	105	153401	2.151	ppbv	99
69) p-Isopropyltoluene	11.931	119	130647	2.188	ppbv	99
70) n-Butylbenzene	12.287	91	130662	2.216	ppbv	100
71) 2-Chlorotoluene	10.908	91	90725	2.128	ppbv	99
72) 4-Ethyltoluene	11.128	105	103640	2.197	ppbv	98
73) 1,3,5-Trimethylbenzene	11.209	105	83829	2.147	ppbv	100
74) 1,2,4-Trimethylbenzene	11.542	105	94716	2.186	ppbv	98
75) 1,3-Dichlorobenzene	11.610	146	59138	2.174	ppbv	98
76) 1,4-Dichlorobenzene	11.675	146	58920	2.171	ppbv	99
77) 1,2-Dichlorobenzene	11.953	146	58400	2.212	ppbv	96
78) Hexachloro-1,3-Butadiene	13.885	225	49999	2.288	ppbv	98
79) Naphthalene	13.517	128	101451	2.494	ppbv	98
80) Naphthalene,2-methyl-	14.462	142	44376	2.408	ppbv	99
81) 1,2,4-Trichlorobenzene	13.445	180	53653	2.353	ppbv	97

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



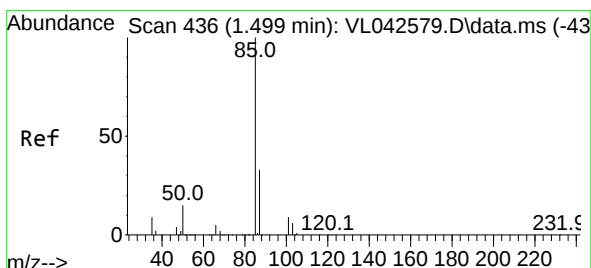
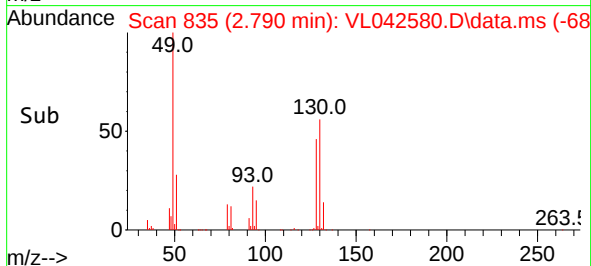
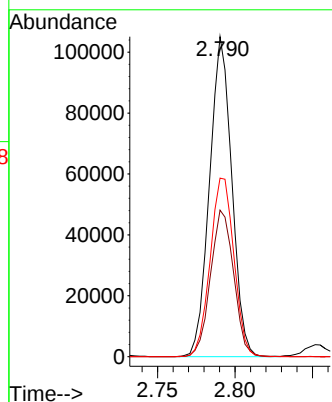
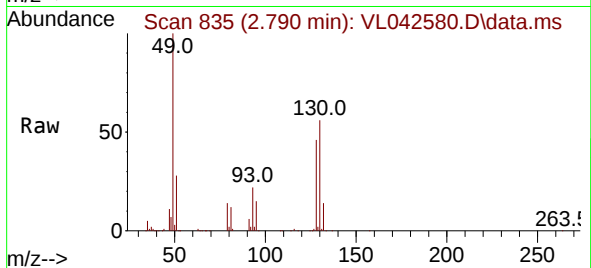
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Bromochloromethane
Concen: 10.000 ppbv
RT: 2.790 min Scan# 835
Delta R.T. 0.000 min
Lab File: VL042580.D
Acq: 29 May 2025 11:43

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 49 Resp: 104930
Ion Ratio Lower Upper
49 100
128 47.6 24.2 72.6
130 59.6 30.4 91.2

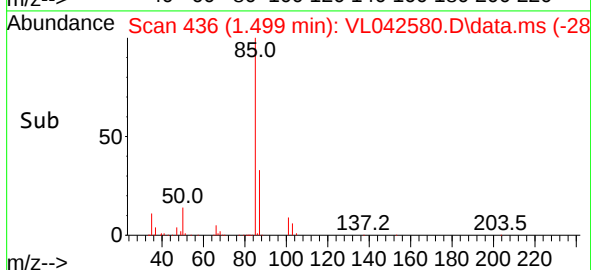
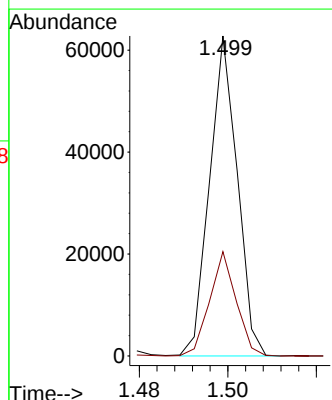
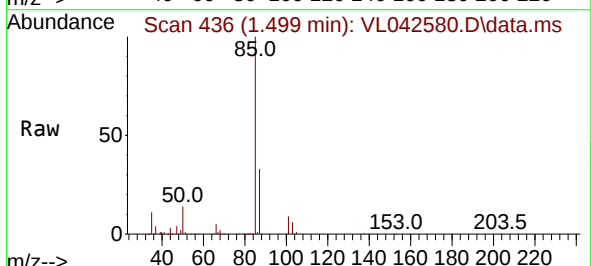
Manual Integrations
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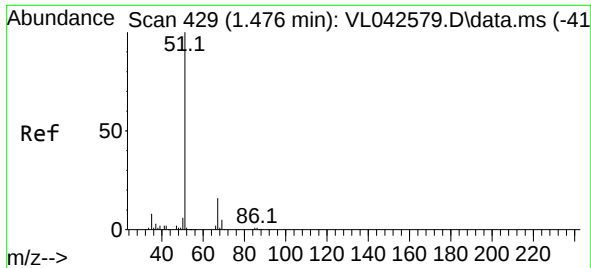
Reviewed By :Semsettin Yesilyurt 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#2
Dichlorodifluoromethane
Concen: 2.115 ppbv
RT: 1.499 min Scan# 436
Delta R.T. 0.000 min
Lab File: VL042580.D
Acq: 29 May 2025 11:43

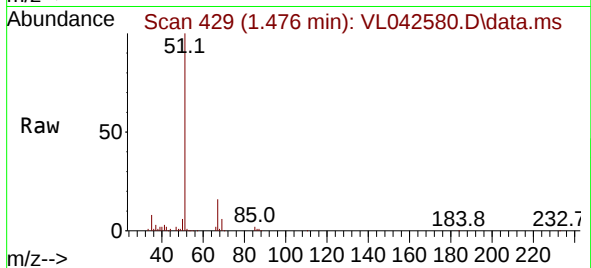
Tgt Ion: 85 Resp: 27278
Ion Ratio Lower Upper
85 100
87 32.6 26.6 39.8





#3
Chlorodifluoromethane
Concen: 2.157 ppbv
RT: 1.476 min Scan# 429
Delta R.T. 0.000 min
Lab File: VL042580.D
Acq: 29 May 2025 11:43

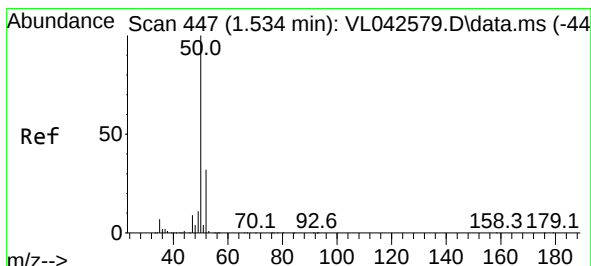
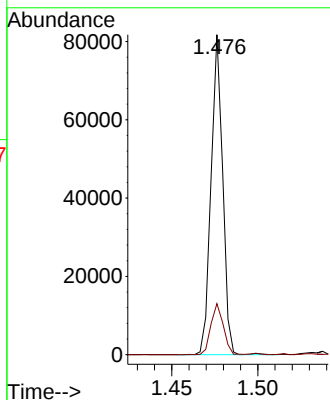
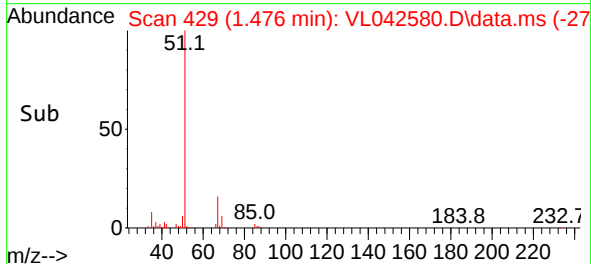
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



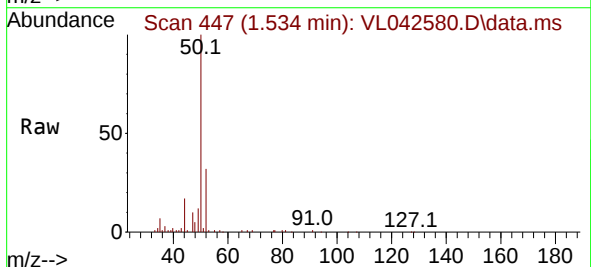
Tgt Ion: 51 Resp: 38320
Ion Ratio Lower Upper
51 100
67 17.5 13.4 20.2

Manual Integrations
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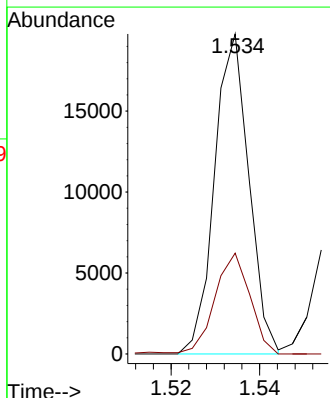
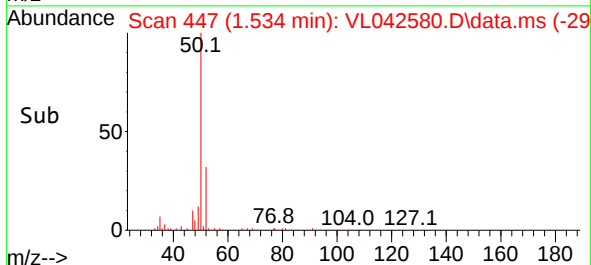
Reviewed By :Semsettin Yesilyurt 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

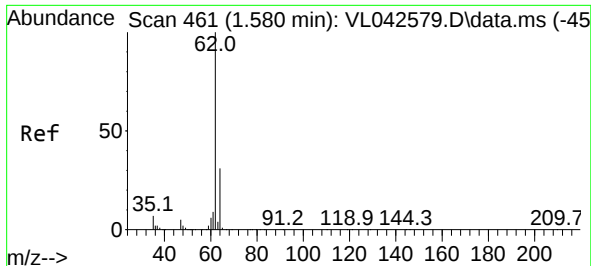


#4
Chloromethane
Concen: 2.084 ppbv
RT: 1.534 min Scan# 447
Delta R.T. 0.000 min
Lab File: VL042580.D
Acq: 29 May 2025 11:43



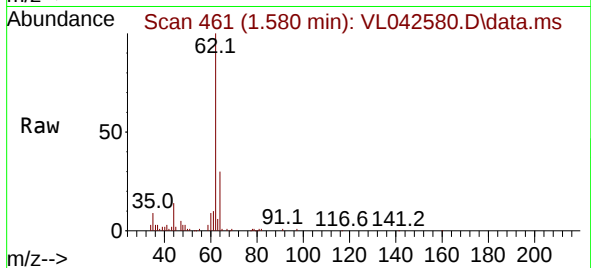
Tgt Ion: 50 Resp: 10641
Ion Ratio Lower Upper
50 100
52 31.1 25.8 38.6





#5
 Vinyl Chloride
 Concen: 1.887 ppbv
 RT: 1.580 min Scan# 461
 Delta R.T. 0.000 min
 Lab File: VL042580.D
 Acq: 29 May 2025 11:43

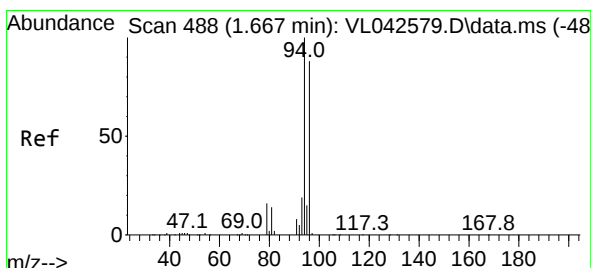
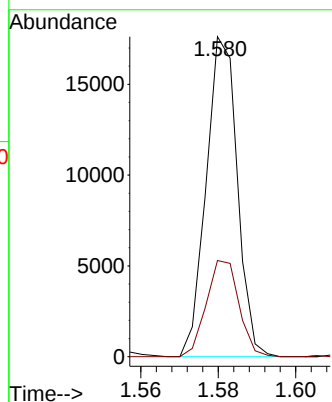
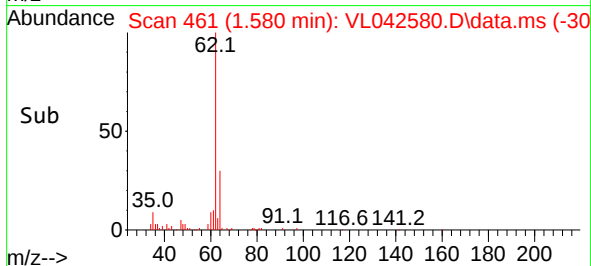
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002



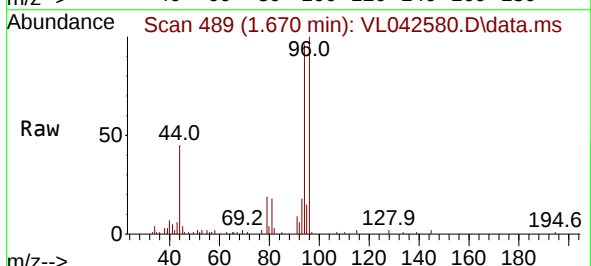
Tgt Ion: 62 Resp: 9819
 Ion Ratio Lower Upper
 62 100
 64 30.0 24.9 37.3

Manual Integrations
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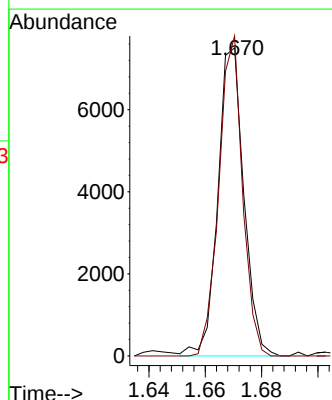
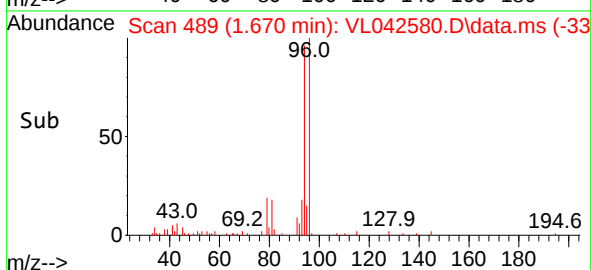
Reviewed By :Semsettin Yesilyurt 05/30/2025
 Supervised By :Mahesh Dadoda 05/30/2025

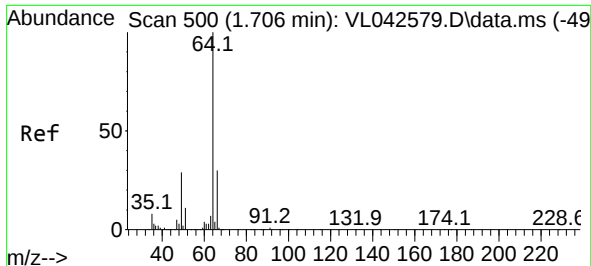


#6
 Bromomethane
 Concen: 1.903 ppbv
 RT: 1.670 min Scan# 489
 Delta R.T. 0.003 min
 Lab File: VL042580.D
 Acq: 29 May 2025 11:43



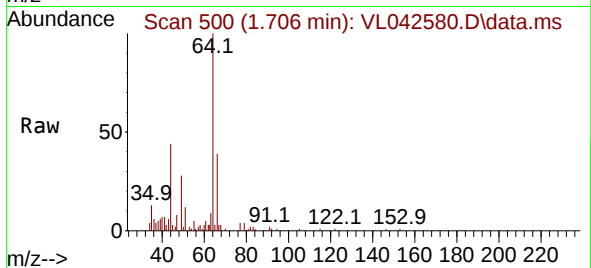
Tgt Ion: 94 Resp: 4819
 Ion Ratio Lower Upper
 94 100
 96 103.8 70.7 106.1





#7
Chloroethane
Concen: 2.059 ppbv
RT: 1.706 min Scan# 500
Delta R.T. 0.000 min
Lab File: VL042580.D
Acq: 29 May 2025 11:43

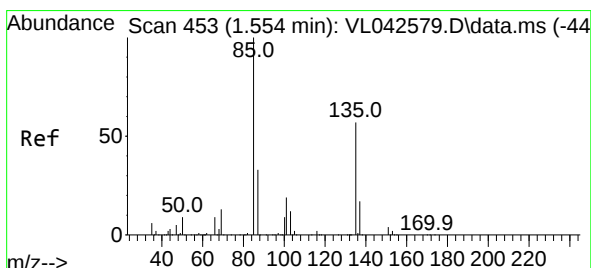
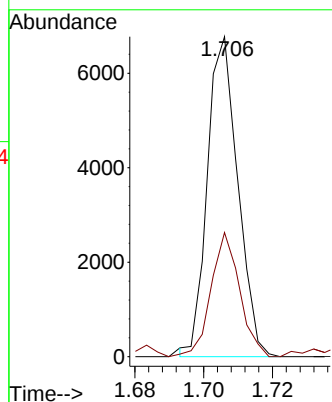
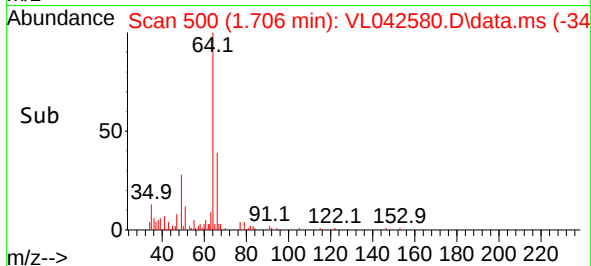
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



Tgt Ion: 64 Resp: 4162
Ion Ratio Lower Upper
64 100
66 38.8 24.3 36.5

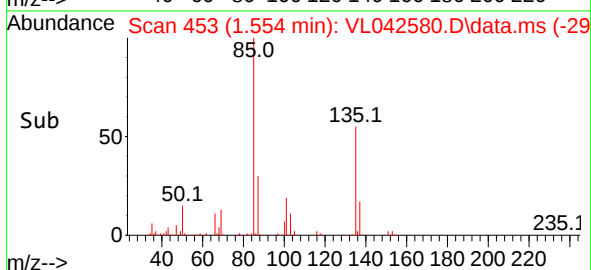
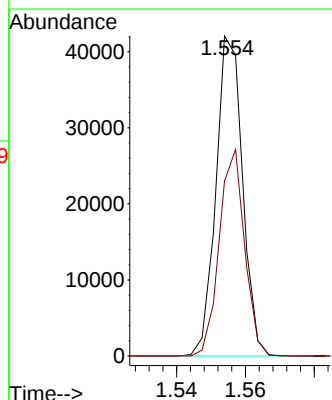
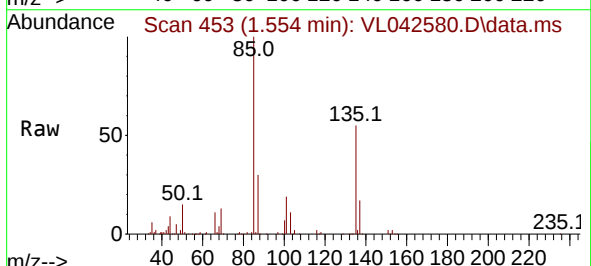
Manual Integrations
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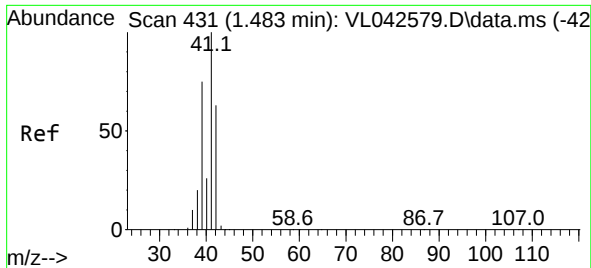
Reviewed By :Semsettin Yesilyurt 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#8
Dichlorotetrafluoroethane
Concen: 2.100 ppbv
RT: 1.554 min Scan# 453
Delta R.T. 0.000 min
Lab File: VL042580.D
Acq: 29 May 2025 11:43

Tgt Ion: 85 Resp: 22568
Ion Ratio Lower Upper
85 100
135 61.5 50.2 75.4





#9

Propene

Concen: 2.119 ppbv

RT: 1.483 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL042580.D

Acq: 29 May 2025 11:43

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC002

Tgt Ion: 41 Resp: 1515

Ion Ratio Lower Upper

41 100

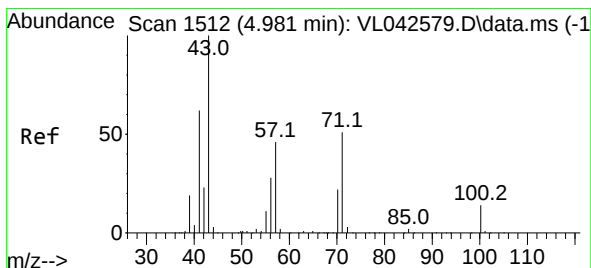
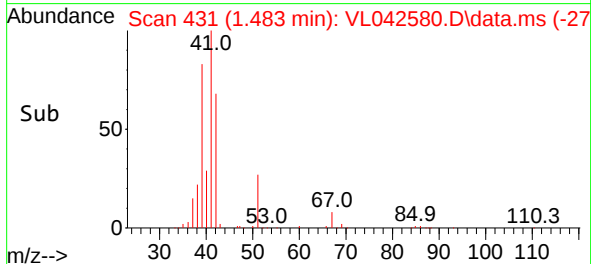
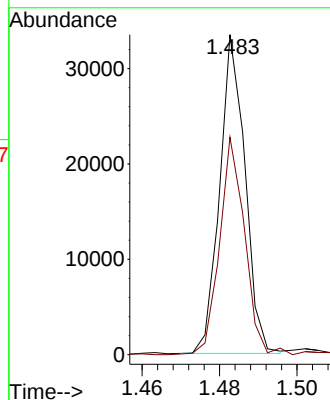
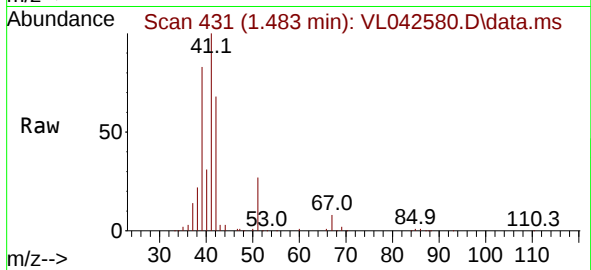
42 69.5 53.3 79.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/30/2025

Supervised By :Mahesh Dadoda 05/30/2025



#10

Heptane

Concen: 2.060 ppbv

RT: 4.988 min Scan# 1514

Delta R.T. 0.007 min

Lab File: VL042580.D

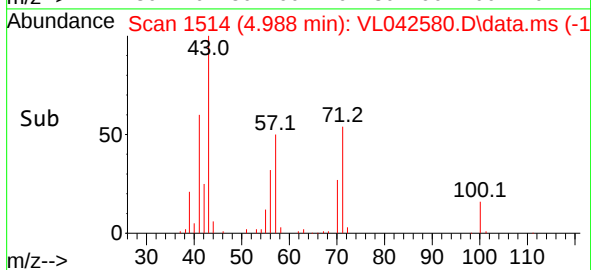
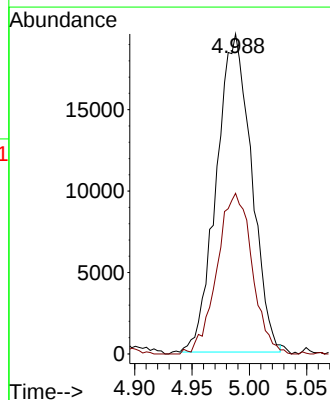
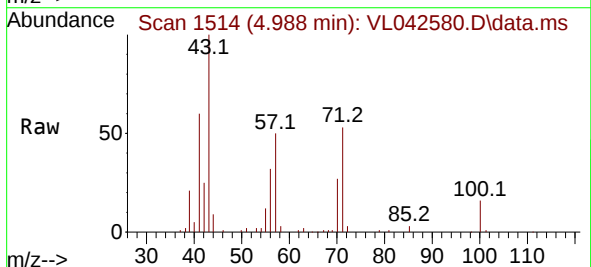
Acq: 29 May 2025 11:43

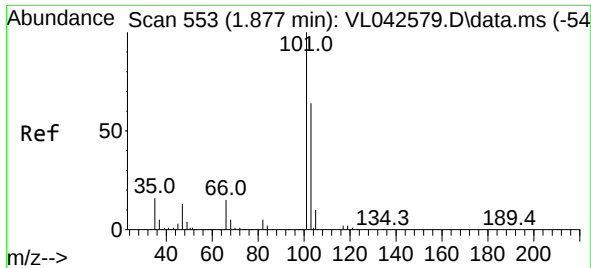
Tgt Ion: 43 Resp: 41577

Ion Ratio Lower Upper

43 100

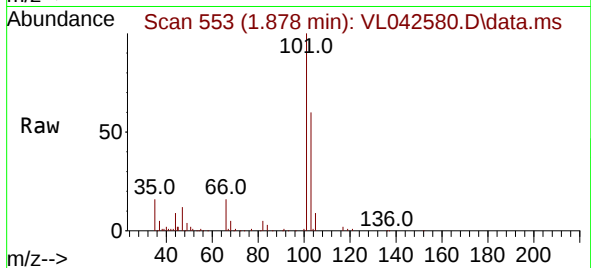
57 50.7 38.9 58.3





#11
 Trichlorofluoromethane
 Concen: 2.101 ppbv
 RT: 1.878 min Scan# 511
 Delta R.T. 0.000 min
 Lab File: VL042580.D
 Acq: 29 May 2025 11:43

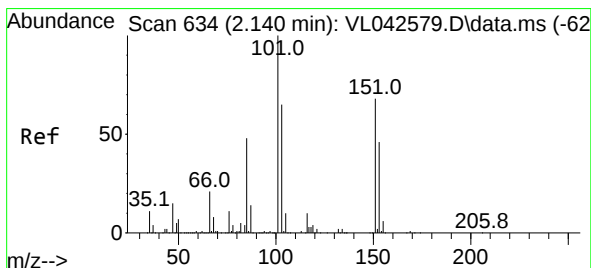
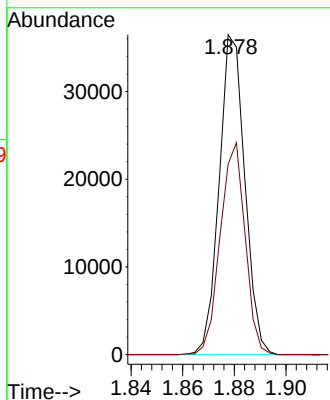
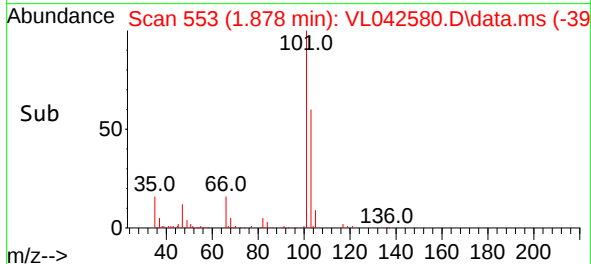
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002



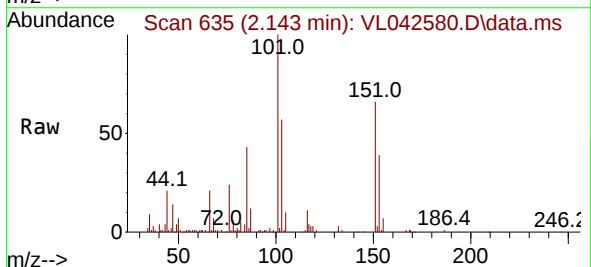
Tgt Ion:101 Resp: 2521
 Ion Ratio Lower Upper
 101 100
 103 59.5 51.5 77.3

Manual Integrations
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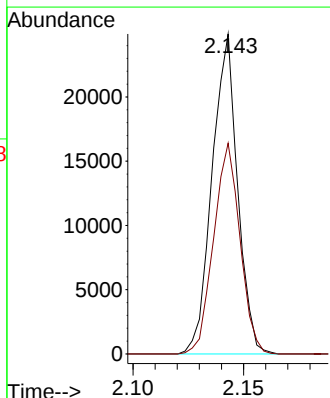
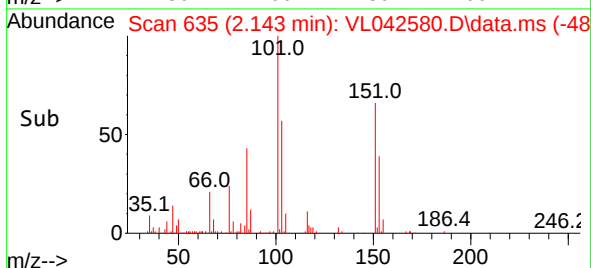
Reviewed By :Semsettin Yesilyurt 05/30/2025
 Supervised By :Mahesh Dadoda 05/30/2025

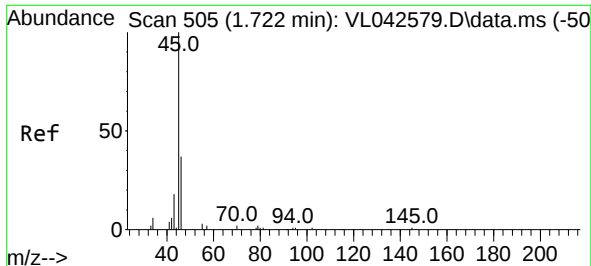


#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 2.119 ppbv
 RT: 2.143 min Scan# 635
 Delta R.T. 0.003 min
 Lab File: VL042580.D
 Acq: 29 May 2025 11:43



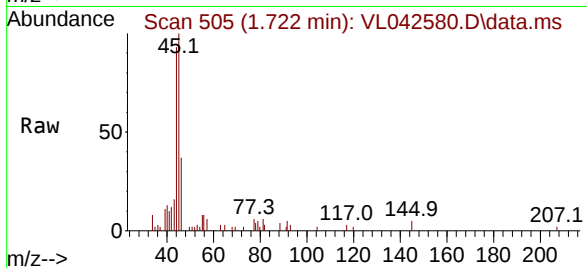
Tgt Ion:101 Resp: 19963
 Ion Ratio Lower Upper
 101 100
 151 68.0 55.3 82.9





#13
Ethanol
Concen: 2.411 ppbv m
RT: 1.722 min Scan# 505
Delta R.T. 0.000 min
Lab File: VL042580.D
Acq: 29 May 2025 11:43

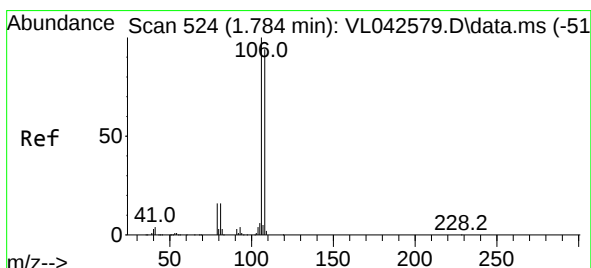
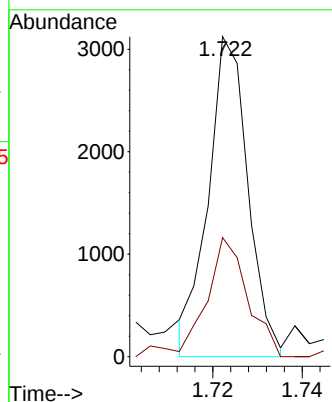
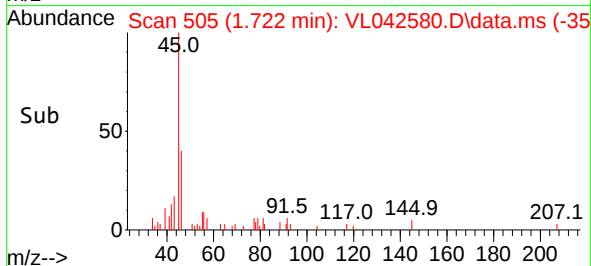
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



Tgt Ion: 45 Resp: 1925
Ion Ratio Lower Upper
45 100
46 44.8 14.5 58.1

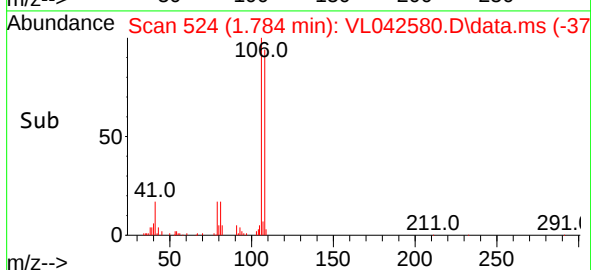
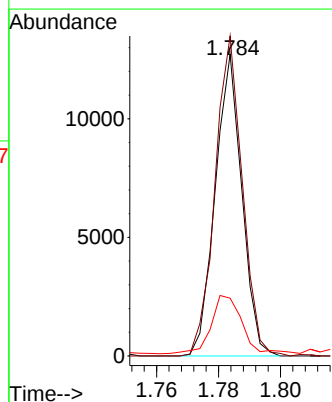
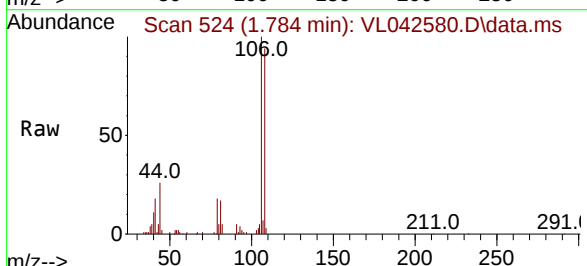
Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#14
Bromoethene
Concen: 2.146 ppbv
RT: 1.784 min Scan# 524
Delta R.T. 0.000 min
Lab File: VL042580.D
Acq: 29 May 2025 11:43

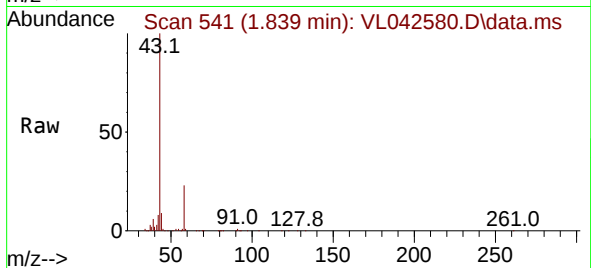
Tgt Ion:108 Resp: 7607
Ion Ratio Lower Upper
108 100
106 108.4 87.9 131.9
79 34.7 15.6 23.4#





#15
Acetone
Concen: 2.156 ppbv
RT: 1.839 min Scan# 540
Delta R.T. 0.003 min
Lab File: VL042580.D
Acq: 29 May 2025 11:43

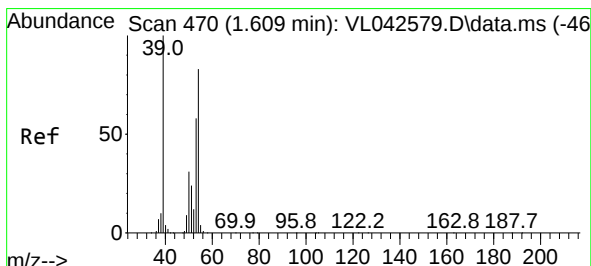
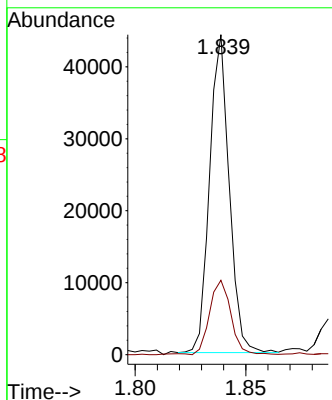
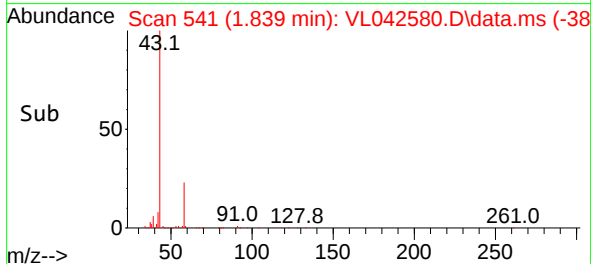
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



Tgt Ion: 43 Resp: 27254
Ion Ratio Lower Upper
43 100
58 26.2 21.0 31.4

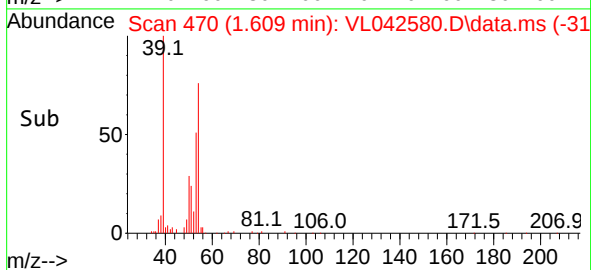
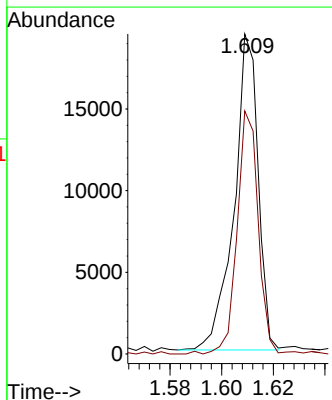
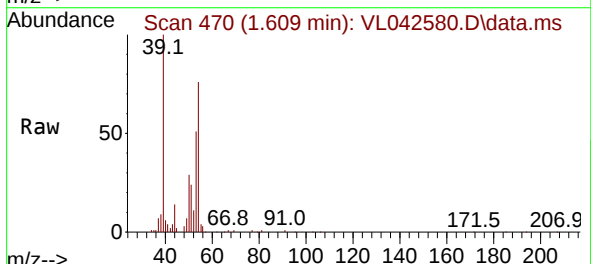
Manual Integrations
APPROVED

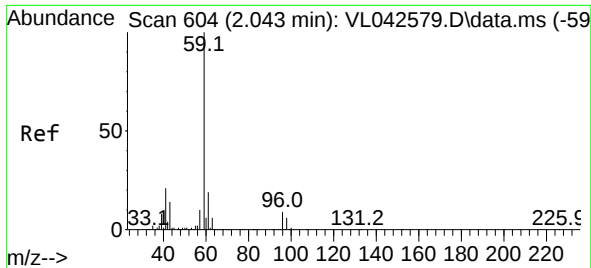
Reviewed By :Semsettin Yesilyurt 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#16
1,3-Butadiene
Concen: 2.092 ppbv
RT: 1.609 min Scan# 470
Delta R.T. 0.000 min
Lab File: VL042580.D
Acq: 29 May 2025 11:43

Tgt Ion: 39 Resp: 12523
Ion Ratio Lower Upper
39 100
54 68.6 57.9 86.9





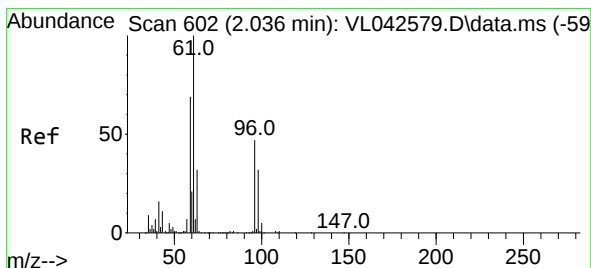
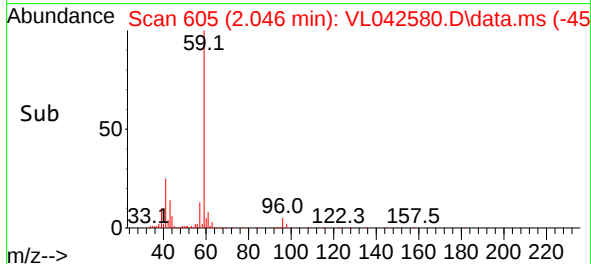
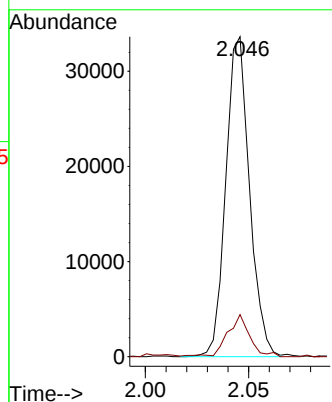
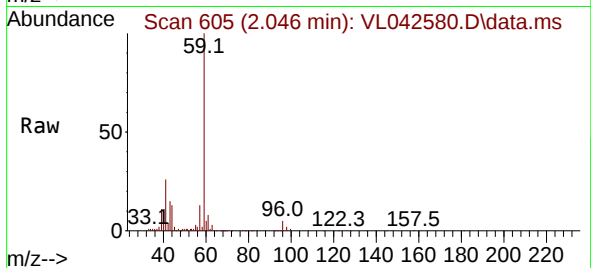
#17
tert-Butyl alcohol
Concen: 2.039 ppbv
RT: 2.046 min Scan# 604
Delta R.T. 0.003 min
Lab File: VL042580.D
Acq: 29 May 2025 11:43

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

Tgt Ion: 59 Resp: 2684
Ion Ratio Lower Upper
59 100
57 12.4 8.6 12.8

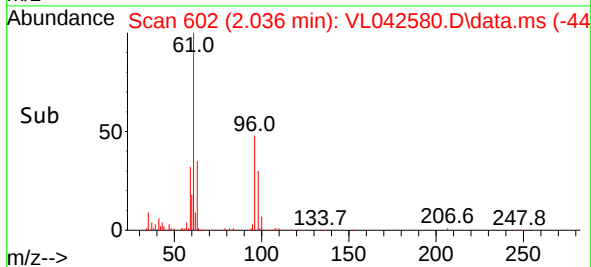
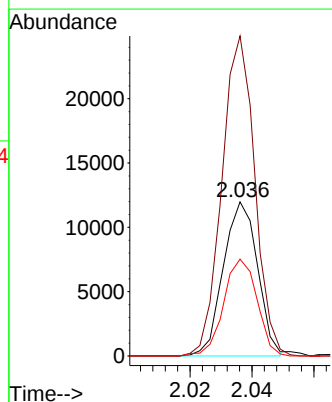
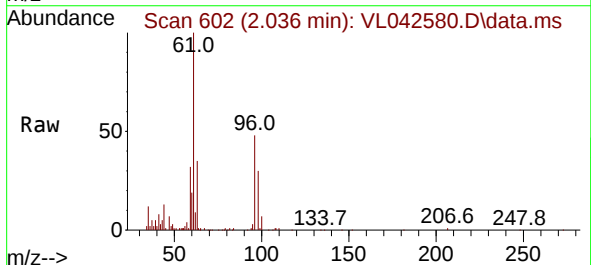
Manual Integrations
APPROVED

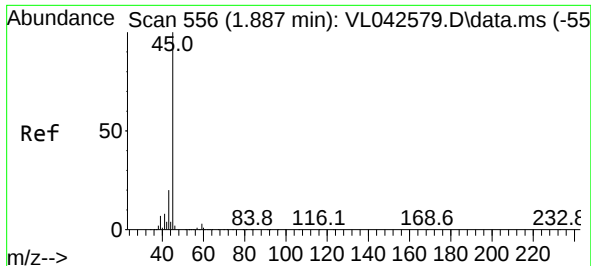
Reviewed By :Semsettin Yesilyurt 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#18
1,1-Dichloroethene
Concen: 2.094 ppbv
RT: 2.036 min Scan# 602
Delta R.T. 0.000 min
Lab File: VL042580.D
Acq: 29 May 2025 11:43

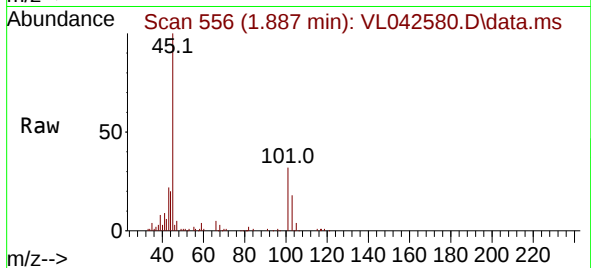
Tgt Ion: 96 Resp: 9179
Ion Ratio Lower Upper
96 100
61 207.6 171.1 256.7
98 62.8 54.4 81.6





#19
Isopropyl Alcohol
Concen: 2.060 ppbv
RT: 1.887 min Scan# 51
Delta R.T. 0.000 min
Lab File: VL042580.D
Acq: 29 May 2025 11:43

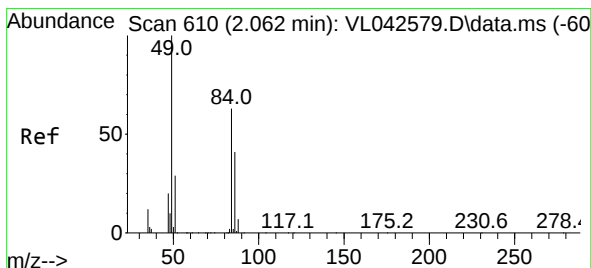
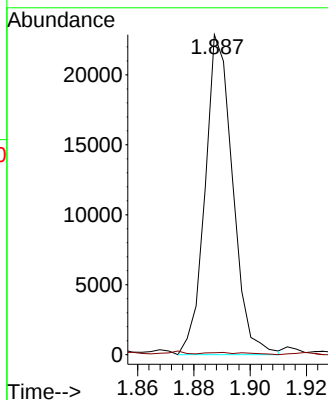
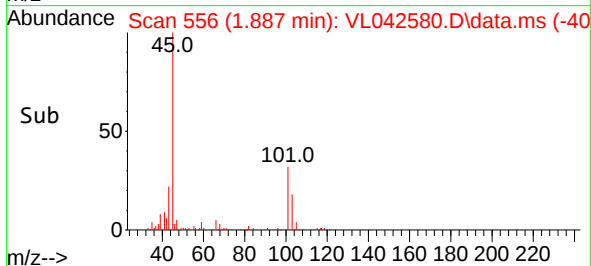
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



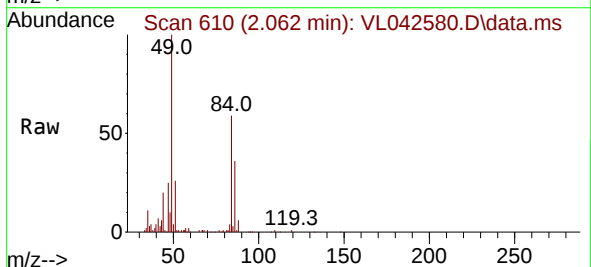
Tgt Ion: 45 Resp: 1556
Ion Ratio Lower Upper
45 100
58 2.7 29.4 44.2

Manual Integrations
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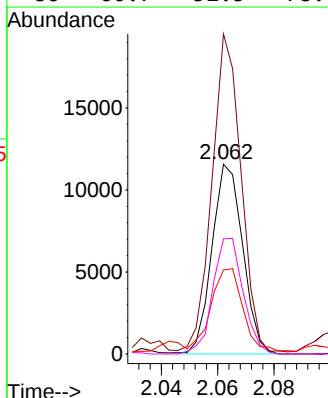
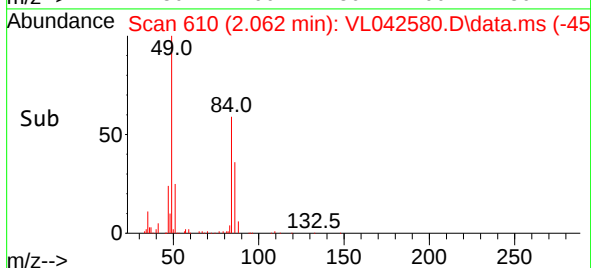
Reviewed By :Semsettin Yesilyurt 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

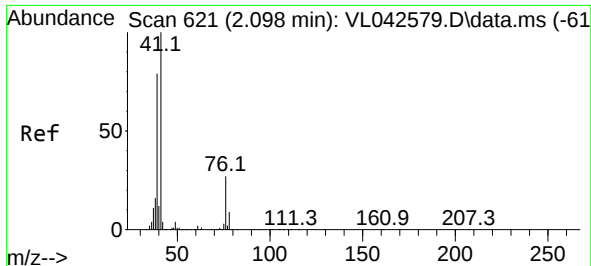


#20
Methylene Chloride
Concen: 2.101 ppbv
RT: 2.062 min Scan# 610
Delta R.T. 0.000 min
Lab File: VL042580.D
Acq: 29 May 2025 11:43



Tgt Ion: 84 Resp: 8763
Ion Ratio Lower Upper
84 100
49 166.9 128.8 193.2
51 42.8 38.6 57.8
86 60.7 52.5 78.7





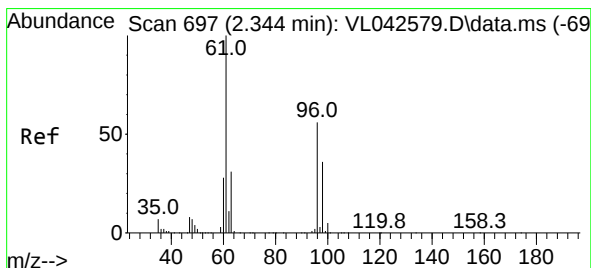
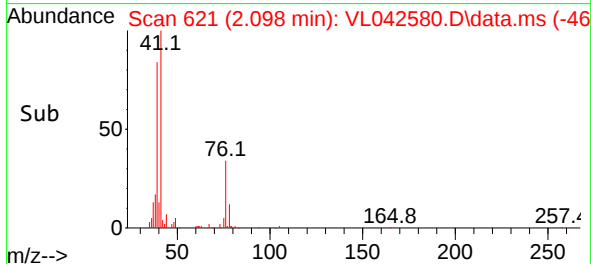
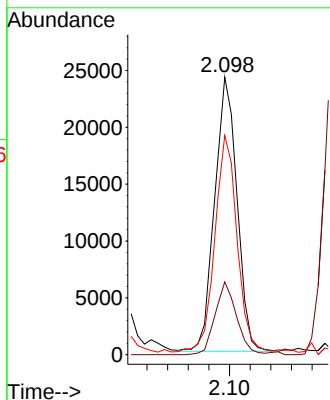
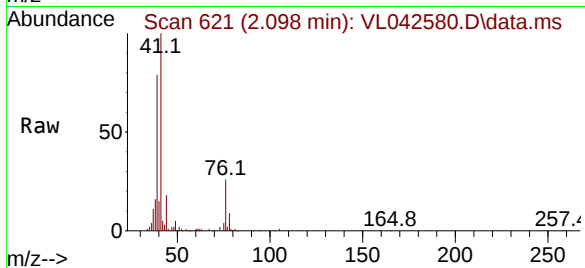
#21
 Allyl Chloride
 Concen: 2.038 ppbv
 RT: 2.098 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VL042580.D
 Acq: 29 May 2025 11:43

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002

Tgt Ion: 41 Resp: 18178
 Ion Ratio Lower Upper
 41 100
 76 25.3 21.2 31.8
 39 85.4 60.9 91.3

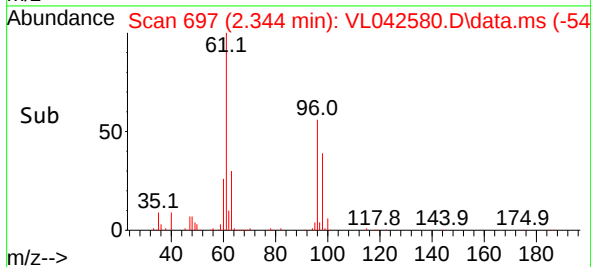
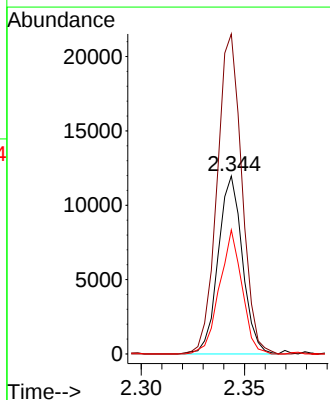
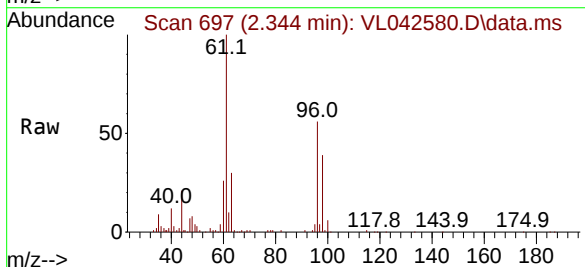
Manual Integrations
 APPROVED

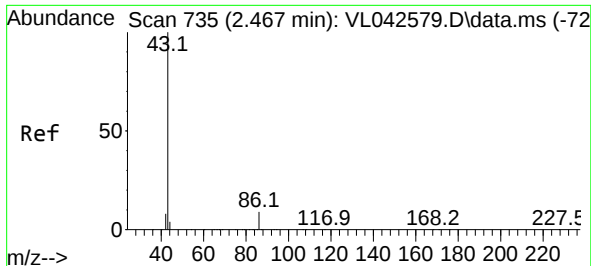
Reviewed By :Semsettin Yesilyurt 05/30/2025
 Supervised By :Mahesh Dadoda 05/30/2025



#22
 trans-1,2-Dichloroethene
 Concen: 1.998 ppbv
 RT: 2.344 min Scan# 697
 Delta R.T. 0.000 min
 Lab File: VL042580.D
 Acq: 29 May 2025 11:43

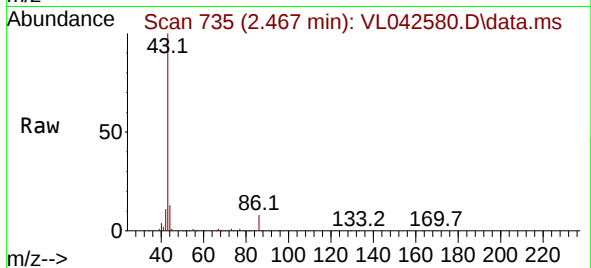
Tgt Ion: 96 Resp: 9775
 Ion Ratio Lower Upper
 96 100
 61 179.9 142.6 214.0
 98 69.7 51.0 76.4





#23
 Vinyl Acetate
 Concen: 2.070 ppbv
 RT: 2.467 min Scan# 718
 Delta R.T. 0.000 min
 Lab File: VL042580.D
 Acq: 29 May 2025 11:43

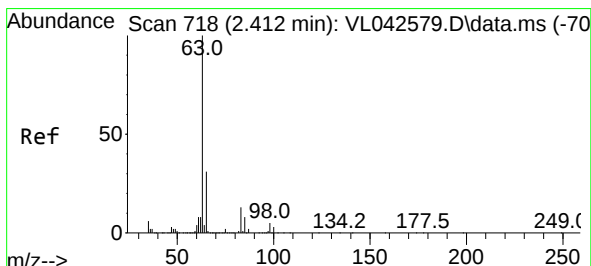
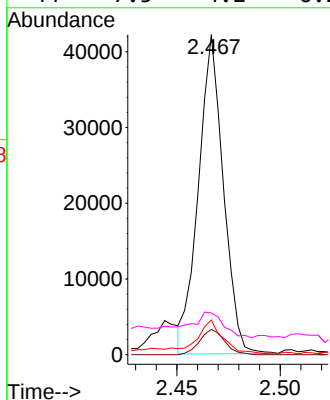
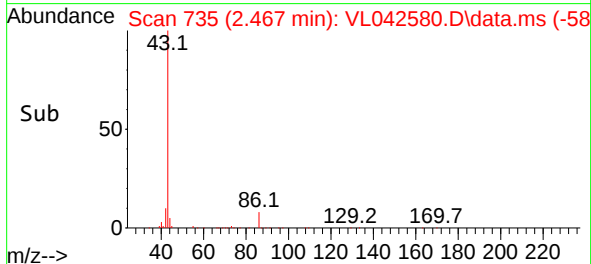
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002



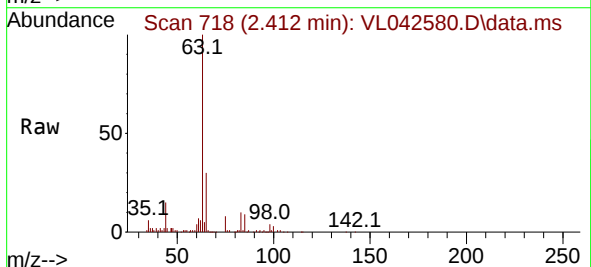
Tgt Ion:	43	Resp:	3537
Ion	Ratio	Lower	Upper
43	100		
86	7.9	6.6	9.8
42	10.5	7.0	10.4
44	7.5	4.2	6.2

Manual Integrations
 APPROVED

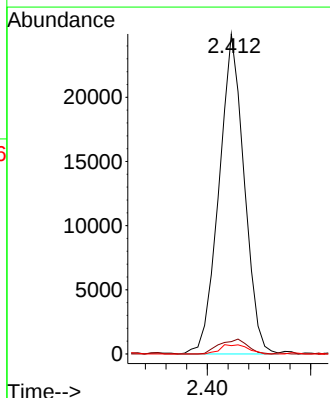
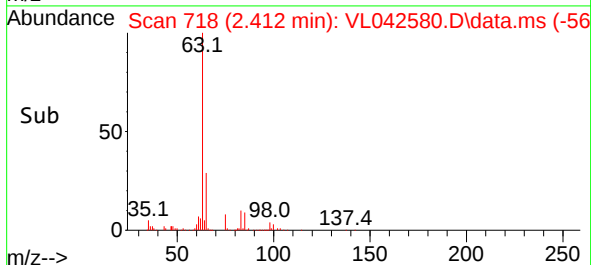
Reviewed By :Semsettin Yesilyurt 05/30/2025
 Supervised By :Mahesh Dadoda 05/30/2025

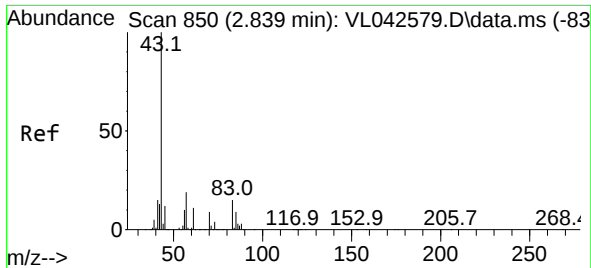


#24
 1,1-Dichloroethane
 Concen: 2.100 ppbv
 RT: 2.412 min Scan# 718
 Delta R.T. 0.000 min
 Lab File: VL042580.D
 Acq: 29 May 2025 11:43



Tgt Ion:	63	Resp:	21077
Ion	Ratio	Lower	Upper
63	100		
98	3.9	2.4	7.1
100	2.6	1.4	4.0





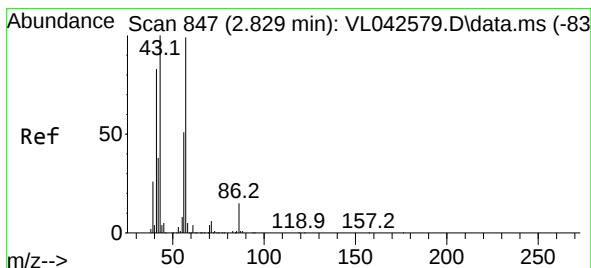
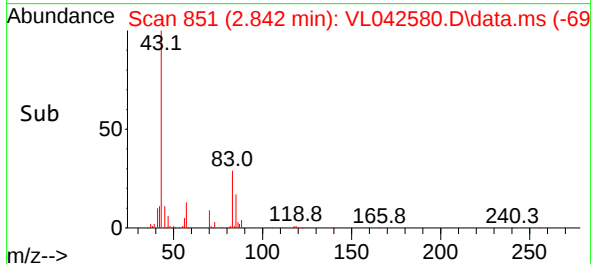
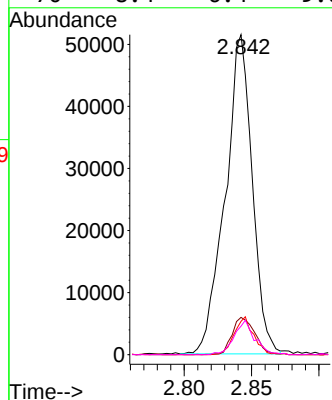
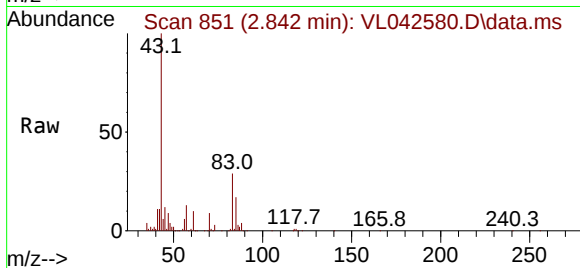
#25
Ethyl Acetate
Concen: 2.070 ppbv
RT: 2.842 min Scan# 851
Delta R.T. 0.003 min
Lab File: VL042580.D
Acq: 29 May 2025 11:43

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 43 Resp: 7161
Ion Ratio Lower Upper
43 100
45 9.9 8.2 12.2
61 8.6 7.1 10.7
70 8.4 6.4 9.6

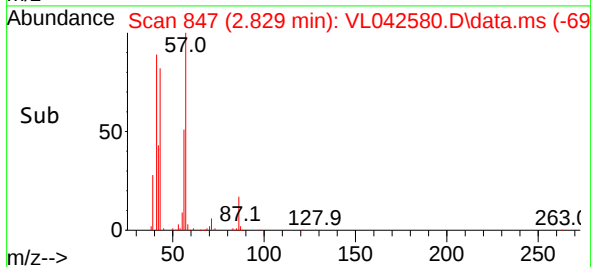
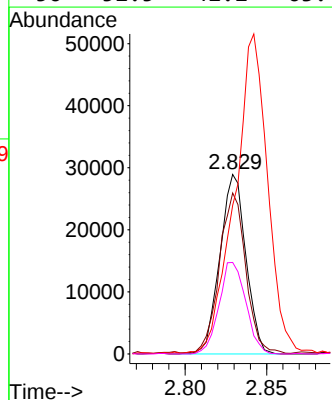
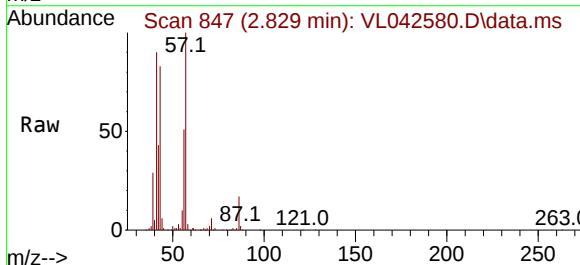
Manual Integrations
APPROVED

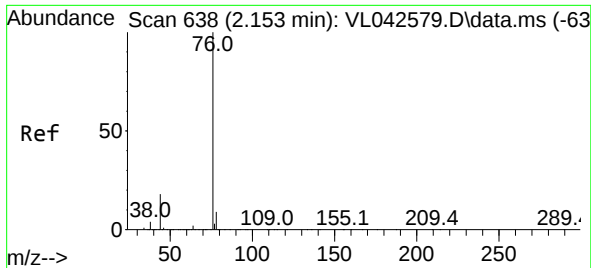
Reviewed By :Semsettin Yesilyurt 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#26
Hexane
Concen: 2.037 ppbv
RT: 2.829 min Scan# 847
Delta R.T. 0.000 min
Lab File: VL042580.D
Acq: 29 May 2025 11:43

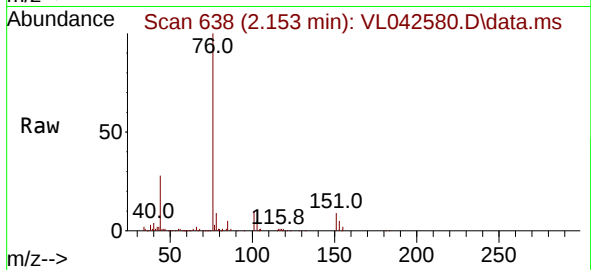
Tgt Ion: 57 Resp: 32018
Ion Ratio Lower Upper
57 100
41 95.0 70.6 106.0
43 228.7 181.1 271.7
56 52.5 42.2 63.4





#27
Carbon Disulfide
Concen: 2.084 ppbv
RT: 2.153 min Scan# 611
Delta R.T. 0.000 min
Lab File: VL042580.D
Acq: 29 May 2025 11:43

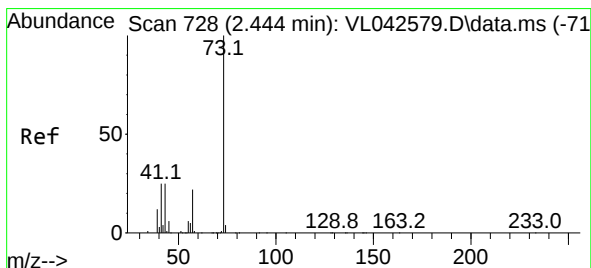
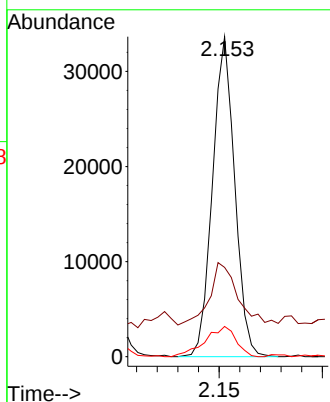
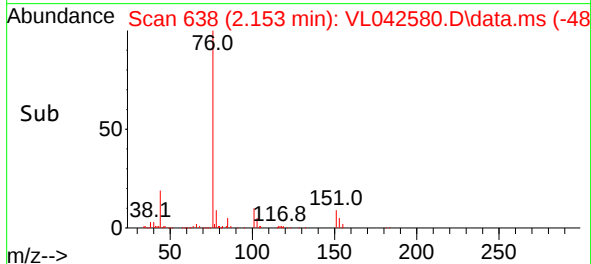
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



Tgt Ion: 76 Resp: 2514
Ion Ratio Lower Upper
76 100
44 53.4 21.3 31.9
78 13.6 9.4 14.0

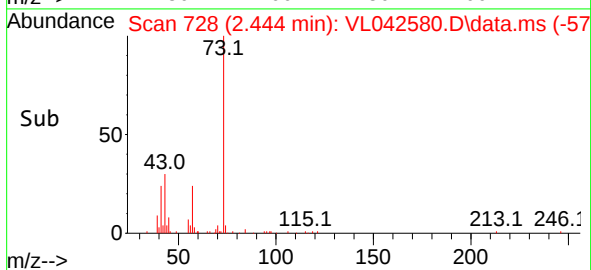
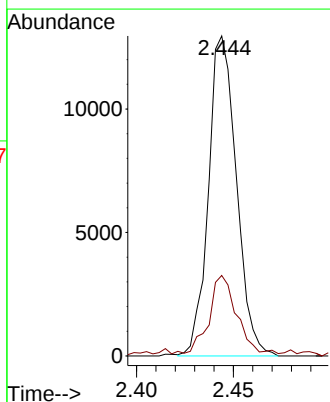
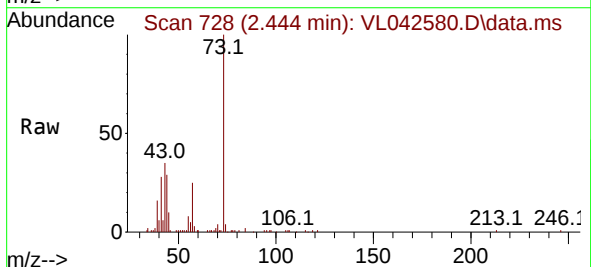
Manual Integrations
APPROVED

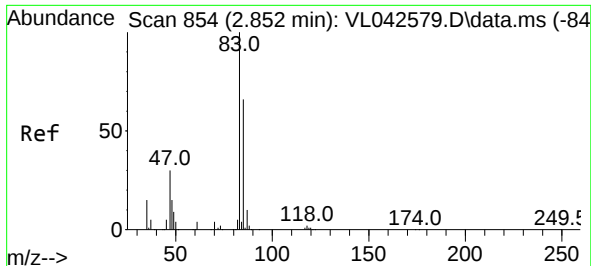
Reviewed By :Semsettin Yesilyurt 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#28
Methyl tert-Butyl Ether
Concen: 2.044 ppbv
RT: 2.444 min Scan# 728
Delta R.T. 0.000 min
Lab File: VL042580.D
Acq: 29 May 2025 11:43

Tgt Ion: 73 Resp: 13034
Ion Ratio Lower Upper
73 100
57 30.2 19.9 29.9





#29

Chloroform

Concen: 2.089 ppbv

RT: 2.852 min Scan# 854

Delta R.T. 0.000 min

Lab File: VL042580.D

Acq: 29 May 2025 11:43

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC002

Tgt Ion: 83 Resp: 4269

Ion Ratio Lower Upper

83 100

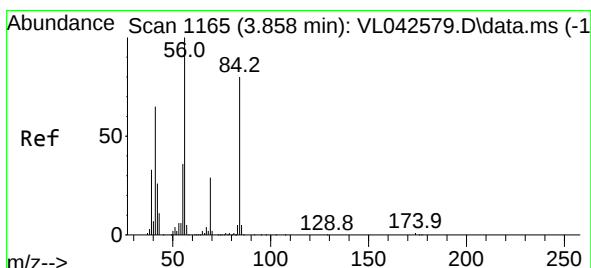
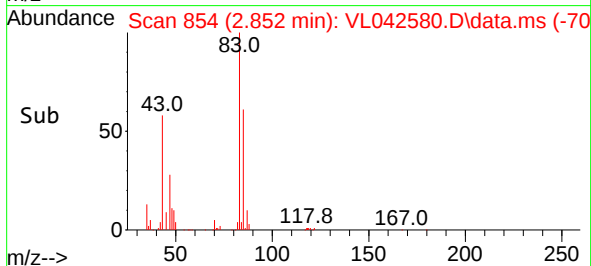
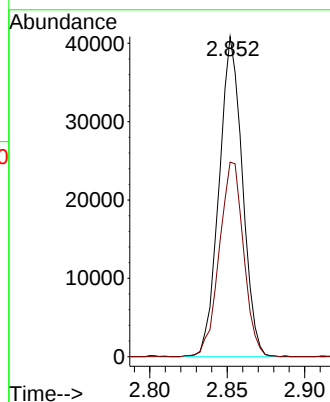
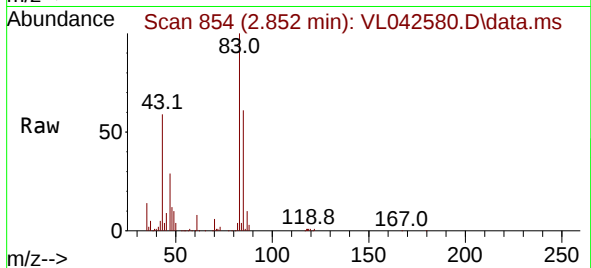
85 60.8 52.8 79.2

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 05/30/2025

Supervised By :Mahesh Dadoda 05/30/2025



#30

Cyclohexane

Concen: 2.075 ppbv

RT: 3.858 min Scan# 1165

Delta R.T. 0.000 min

Lab File: VL042580.D

Acq: 29 May 2025 11:43

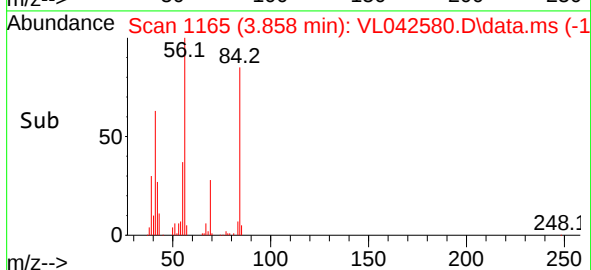
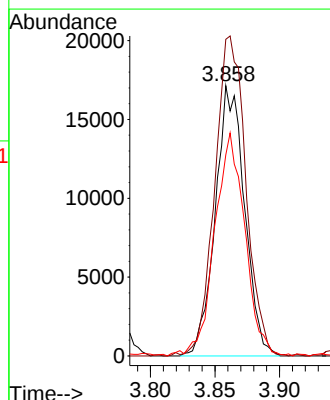
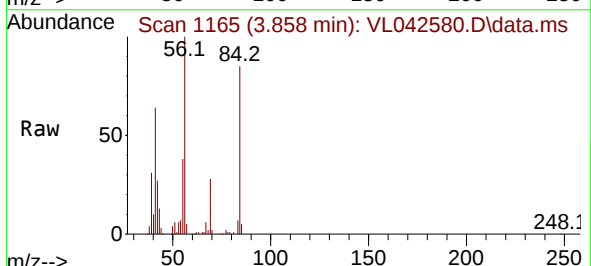
Tgt Ion: 84 Resp: 27030

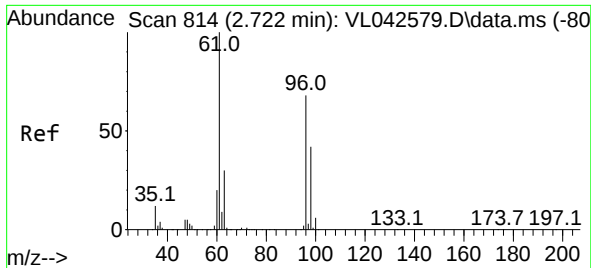
Ion Ratio Lower Upper

84 100

56 126.0 103.7 155.5

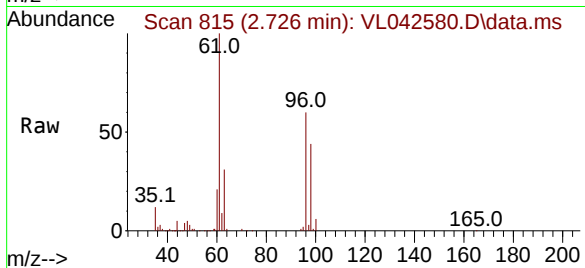
41 85.5 65.1 97.7





#31
 cis-1,2-Dichloroethene
 Concen: 2.138 ppbv
 RT: 2.726 min Scan# 814
 Delta R.T. 0.003 min
 Lab File: VL042580.D
 Acq: 29 May 2025 11:43

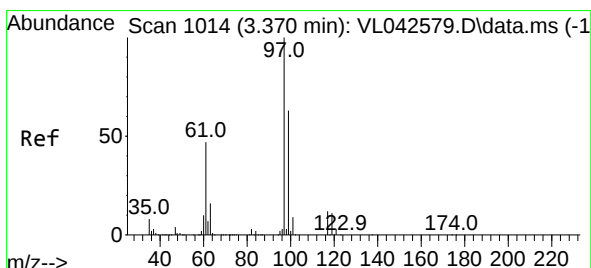
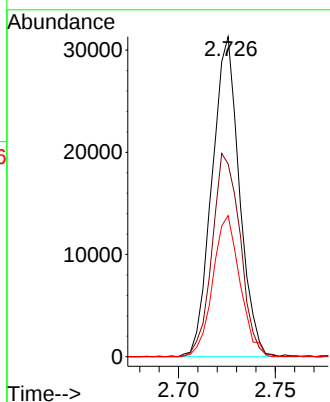
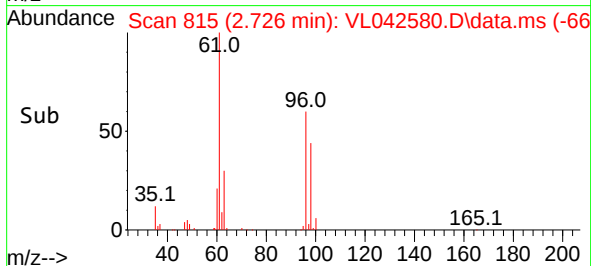
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002



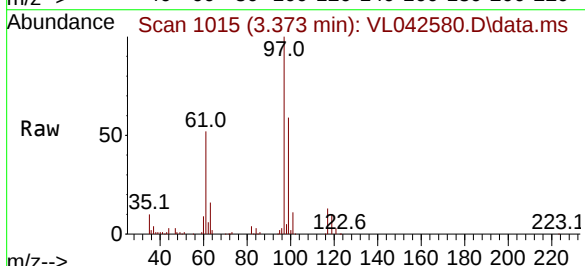
Tgt Ion: 61 Resp: 3073
 Ion Ratio Lower Upper
 61 100
 96 60.3 54.5 81.7
 98 44.1 33.4 50.2

Manual Integrations
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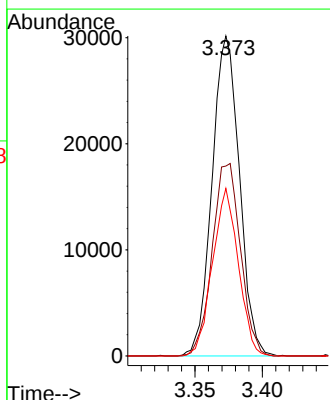
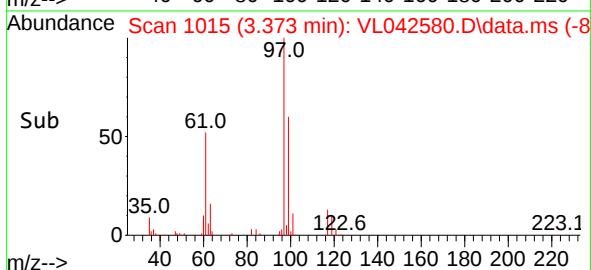
Reviewed By :Semsettin Yesilyurt 05/30/2025
 Supervised By :Mahesh Dadoda 05/30/2025



#32
 1,1,1-Trichloroethane
 Concen: 2.077 ppbv
 RT: 3.373 min Scan# 1015
 Delta R.T. 0.003 min
 Lab File: VL042580.D
 Acq: 29 May 2025 11:43



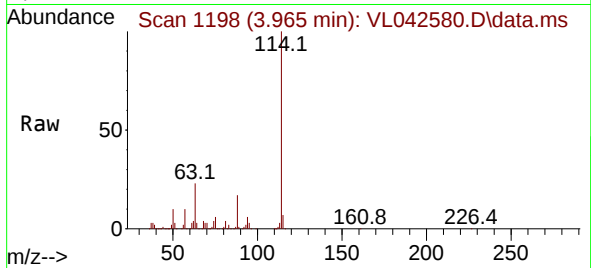
Tgt Ion: 97 Resp: 42588
 Ion Ratio Lower Upper
 97 100
 99 62.2 51.0 76.6
 61 49.5 39.4 59.0





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.965 min Scan# 1197
Delta R.T. 0.003 min
Lab File: VL042580.D
Acq: 29 May 2025 11:43

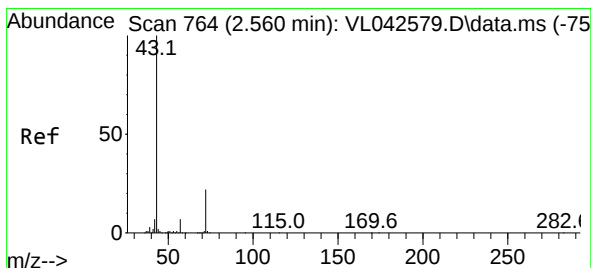
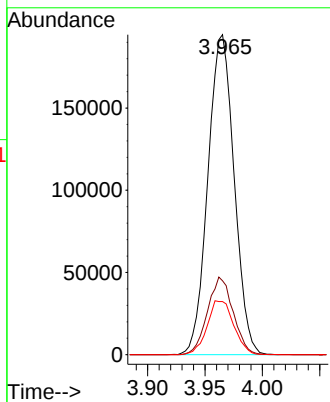
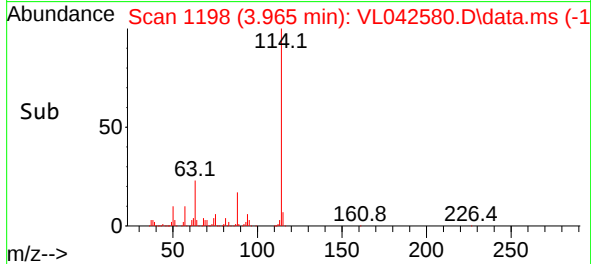
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



Tgt Ion:114 Resp: 31090
Ion Ratio Lower Upper
114 100
63 23.7 19.0 28.6
88 17.1 13.6 20.4

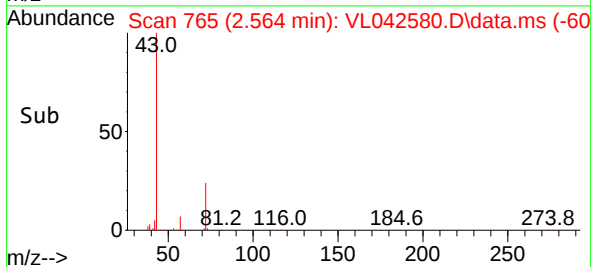
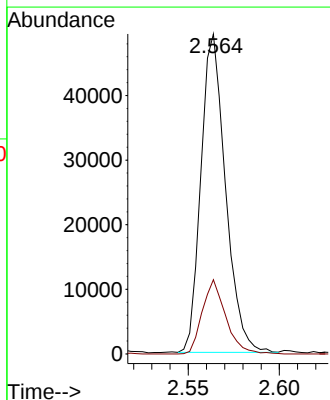
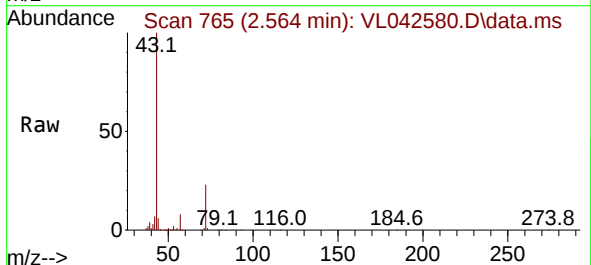
Manual Integrations
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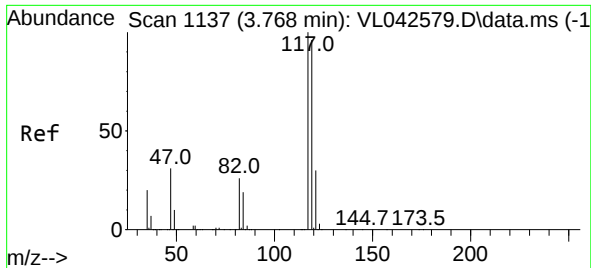
Reviewed By :Semsettin Yesilyurt 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#34
2-Butanone
Concen: 2.093 ppbv
RT: 2.564 min Scan# 765
Delta R.T. 0.003 min
Lab File: VL042580.D
Acq: 29 May 2025 11:43

Tgt Ion: 43 Resp: 46279
Ion Ratio Lower Upper
43 100
72 22.3 17.7 26.5





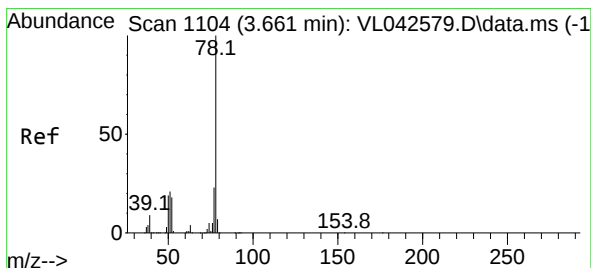
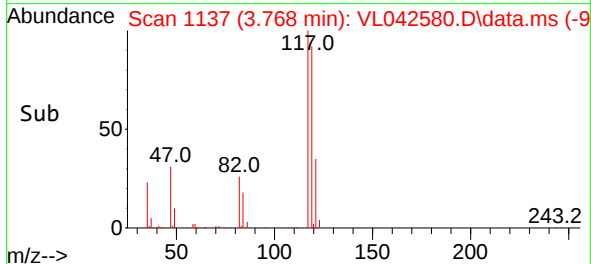
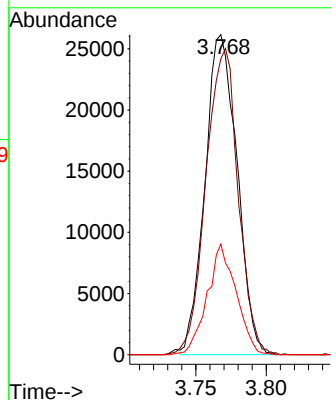
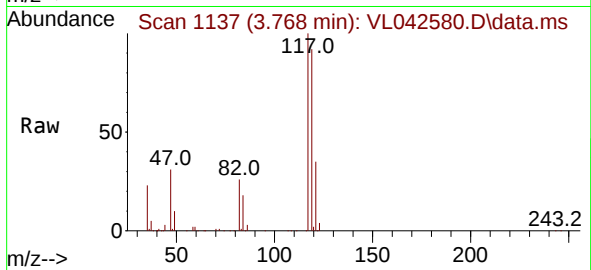
#35
Carbon Tetrachloride
Concen: 2.029 ppbv
RT: 3.768 min Scan# 1137
Delta R.T. 0.000 min
Lab File: VL042580.D
Acq: 29 May 2025 11:43

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:117 Resp: 41549
Ion Ratio Lower Upper
117 100
119 92.4 76.8 115.2
121 34.6 24.3 36.5

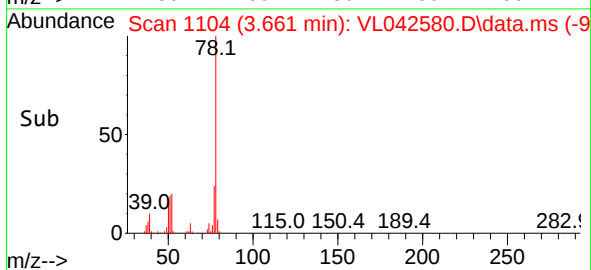
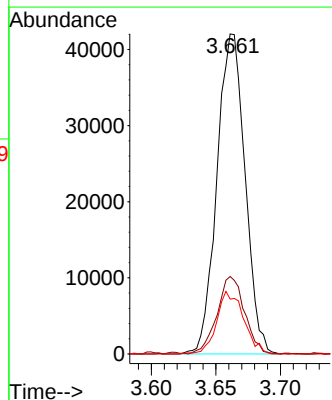
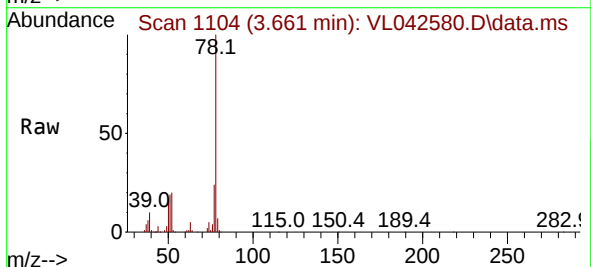
Manual Integrations
APPROVED

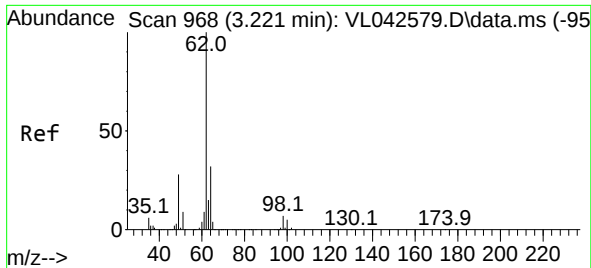
Reviewed By :Semsettin Yesilyurt 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#36
Benzene
Concen: 2.086 ppbv
RT: 3.661 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VL042580.D
Acq: 29 May 2025 11:43

Tgt Ion: 78 Resp: 63709
Ion Ratio Lower Upper
78 100
77 24.2 18.2 27.2
50 17.2 15.2 22.8





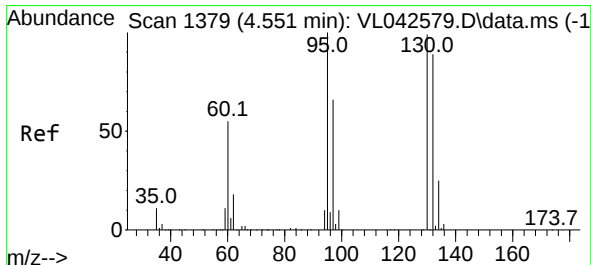
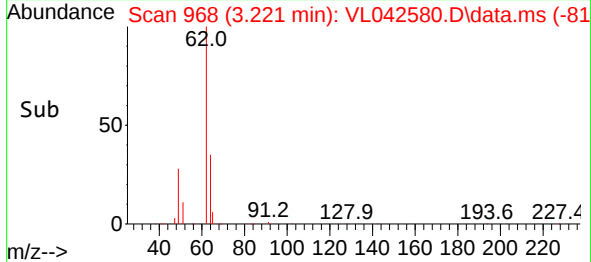
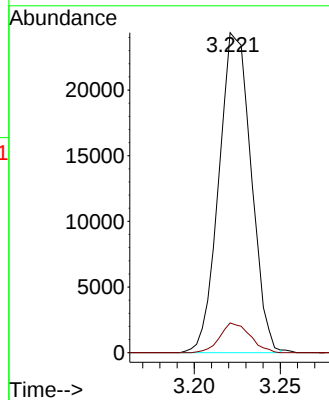
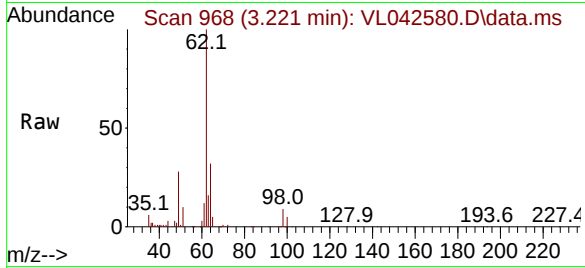
#37
1,2-Dichloroethane
Concen: 2.097 ppbv
RT: 3.221 min Scan# 90
Delta R.T. 0.000 min
Lab File: VL042580.D
Acq: 29 May 2025 11:43

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 62 Resp: 3183
Ion Ratio Lower Upper
62 100
98 8.7 6.1 9.1

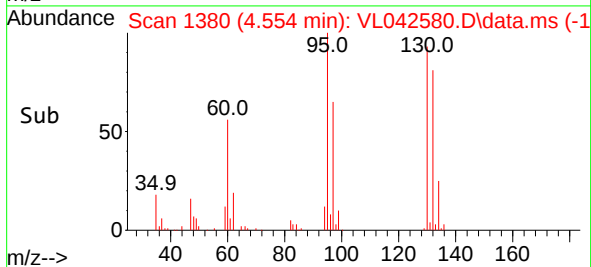
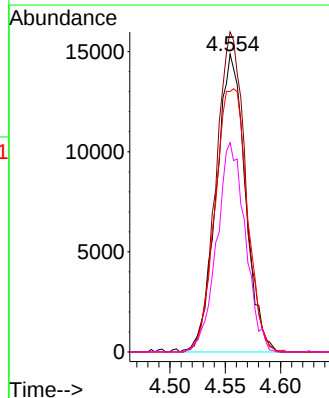
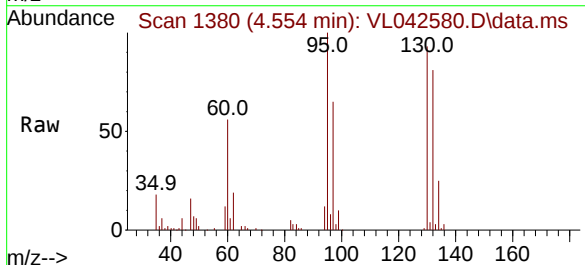
Manual Integrations
APPROVED

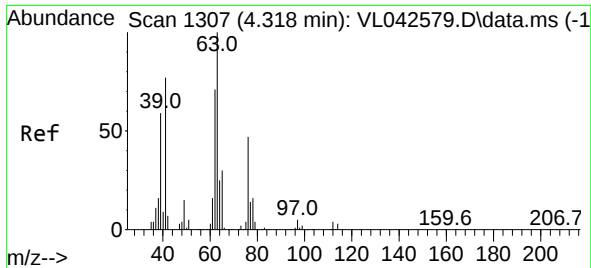
Reviewed By :Semsettin Yesilyurt 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#38
Trichloroethene
Concen: 2.075 ppbv
RT: 4.554 min Scan# 1380
Delta R.T. 0.003 min
Lab File: VL042580.D
Acq: 29 May 2025 11:43

Tgt Ion:130 Resp: 27139
Ion Ratio Lower Upper
130 100
95 107.5 80.6 121.0
132 87.5 71.8 107.6
97 70.3 53.0 79.4





#39

1,2-Dichloropropane

Concen: 2.050 ppbv

RT: 4.321 min Scan# 1307

Delta R.T. 0.003 min

Lab File: VL042580.D

Acq: 29 May 2025 11:43

Instrument :

MSVOA_L

ClientSampleId :

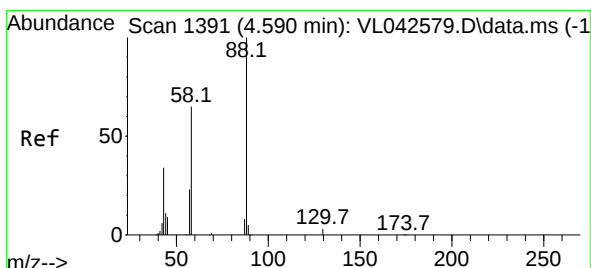
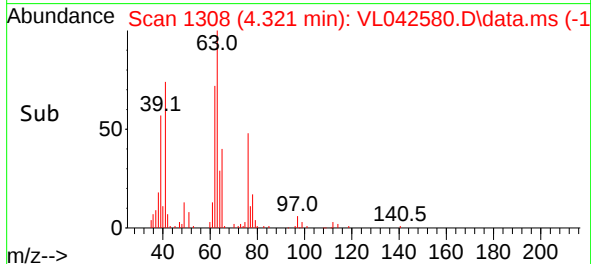
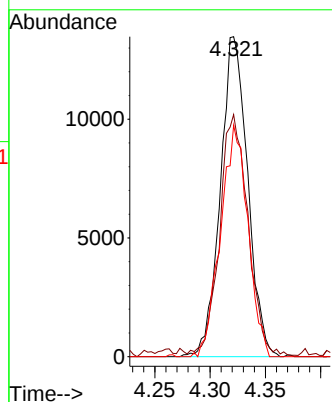
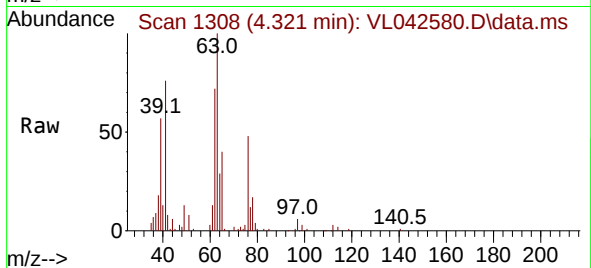
VSTDICC002

Tgt Ion: 63	Resp: 2314
Ion Ratio	Lower Upper
63 100	
41 74.8	61.8 92.6
62 72.4	56.6 85.0

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#40

1,4-Dioxane

Concen: 2.173 ppbv m

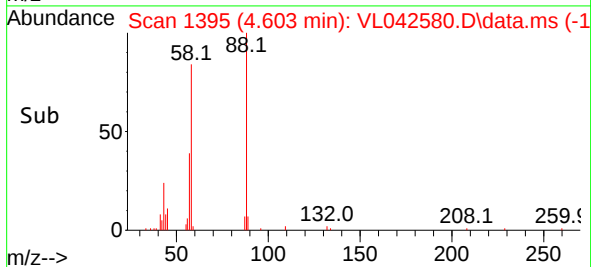
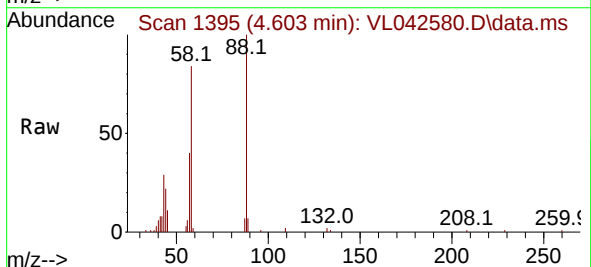
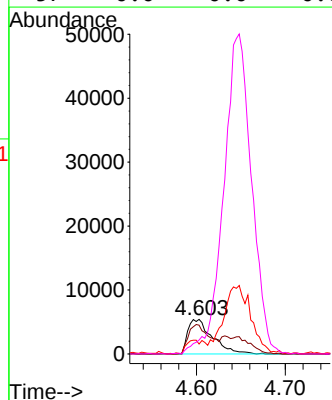
RT: 4.603 min Scan# 1395

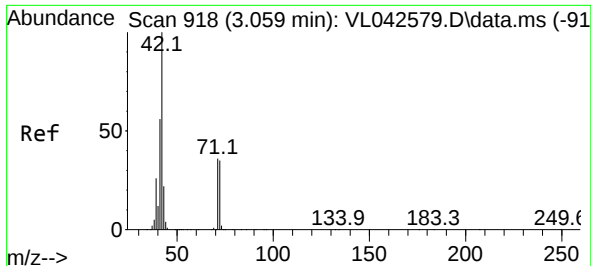
Delta R.T. 0.013 min

Lab File: VL042580.D

Acq: 29 May 2025 11:43

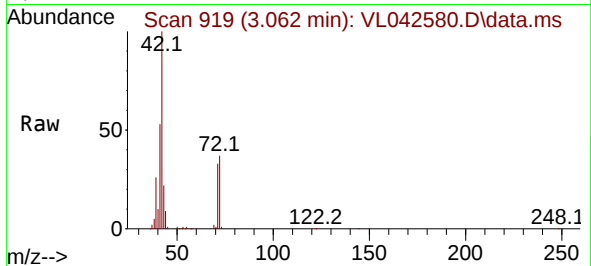
Tgt Ion: 88	Resp: 10426
Ion Ratio	Lower Upper
88 100	
58 131.2	55.8 83.8#
43 0.0	24.8 37.2#
57 0.0	0.0 0.0





#41
Tetrahydrofuran
Concen: 2.039 ppbv
RT: 3.062 min Scan# 918
Delta R.T. 0.003 min
Lab File: VL042580.D
Acq: 29 May 2025 11:43

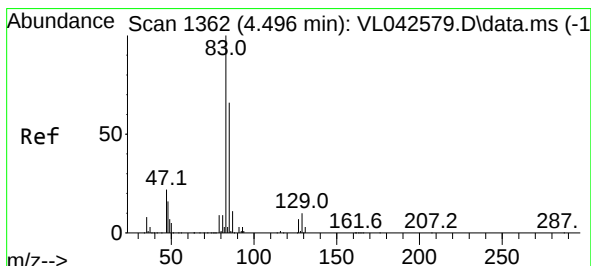
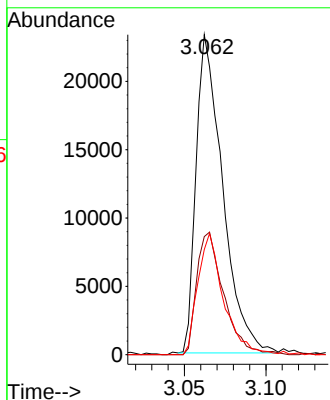
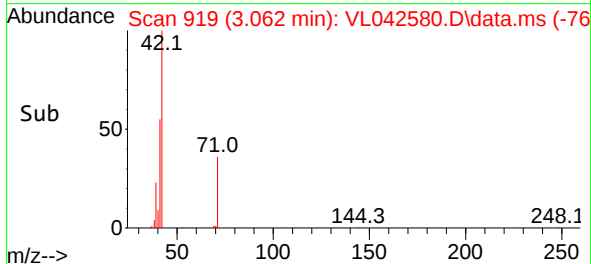
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



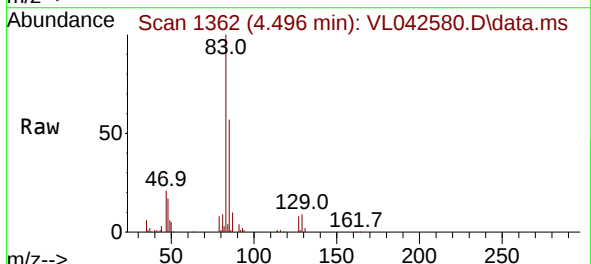
Tgt Ion: 42 Resp: 2639
Ion Ratio Lower Upper
42 100
72 39.2 28.9 43.3
71 37.1 28.5 42.7

Manual Integrations
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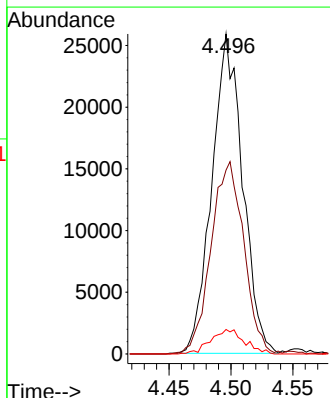
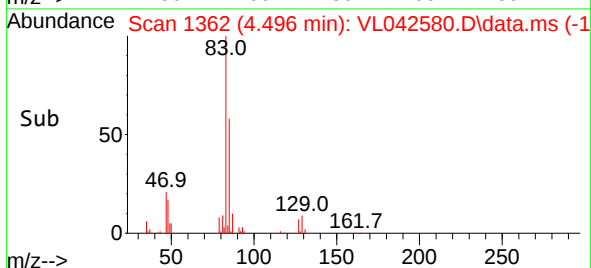
Reviewed By :Semsettin Yesilyurt 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

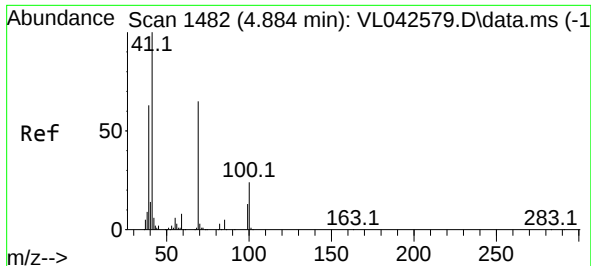


#42
Bromodichloromethane
Concen: 2.074 ppbv
RT: 4.496 min Scan# 1362
Delta R.T. 0.000 min
Lab File: VL042580.D
Acq: 29 May 2025 11:43



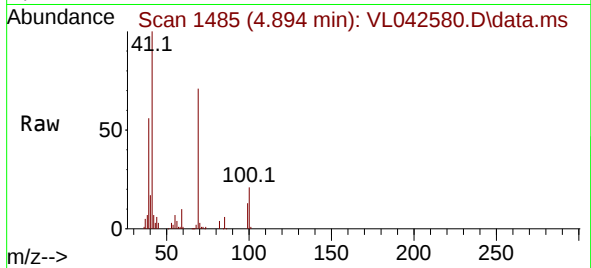
Tgt Ion: 83 Resp: 44705
Ion Ratio Lower Upper
83 100
85 57.1 52.7 79.1
127 7.7 5.8 8.6





#43
Methyl Methacrylate
Concen: 2.126 ppbv
RT: 4.894 min Scan# 1482
Delta R.T. 0.010 min
Lab File: VL042580.D
Acq: 29 May 2025 11:43

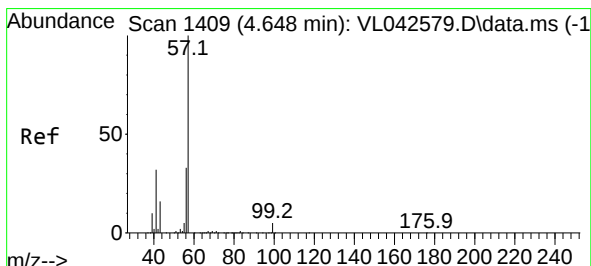
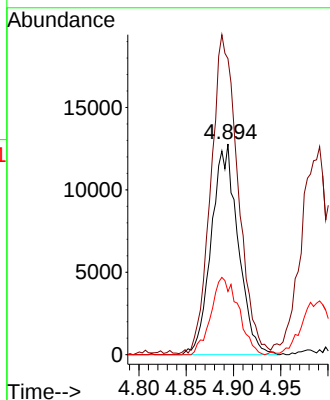
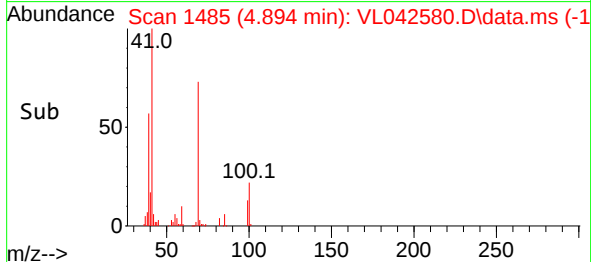
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



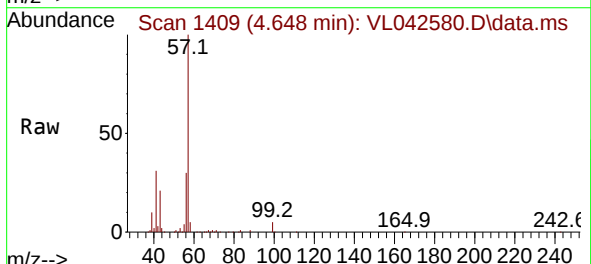
Tgt Ion: 69 Resp: 25150
Ion Ratio Lower Upper
69 100
41 153.1 124.6 187.0
100 37.6 29.9 44.9

Manual Integrations
APPROVED

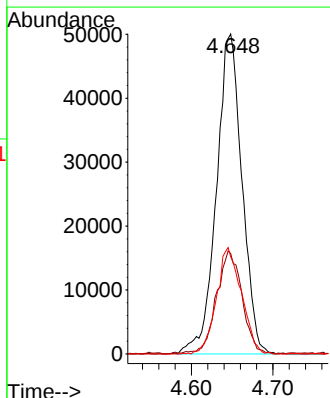
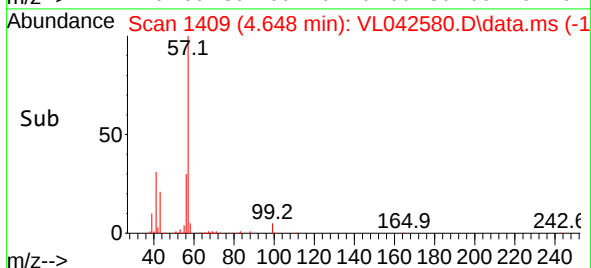
Reviewed By :Semsettin Yesilyurt 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

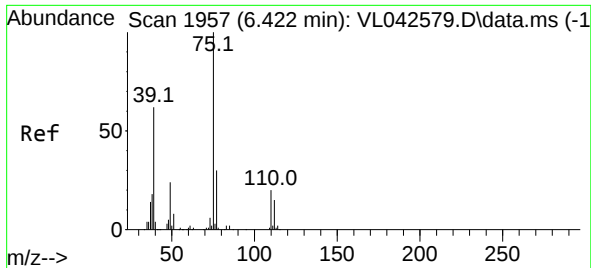


#44
2,2,4-Trimethylpentane
Concen: 2.097 ppbv
RT: 4.648 min Scan# 1409
Delta R.T. 0.000 min
Lab File: VL042580.D
Acq: 29 May 2025 11:43



Tgt Ion: 57 Resp: 109446
Ion Ratio Lower Upper
57 100
41 32.7 26.1 39.1
56 32.4 25.9 38.9





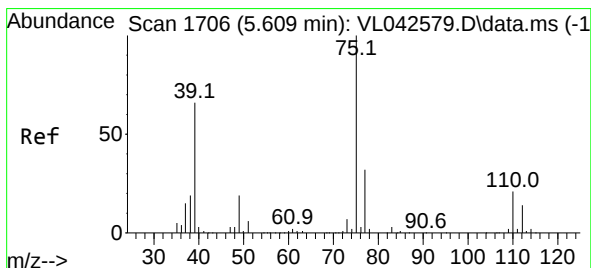
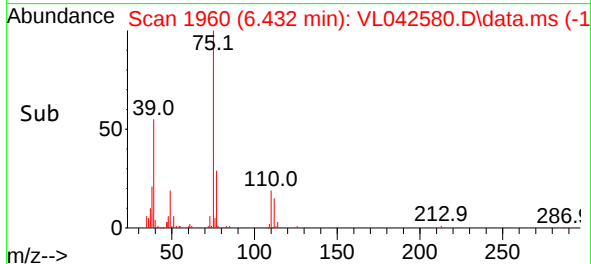
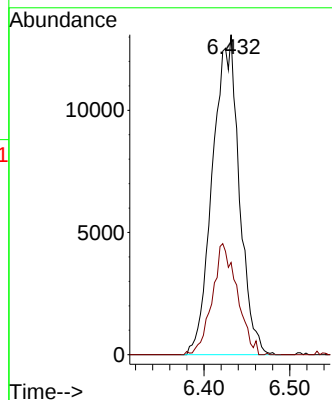
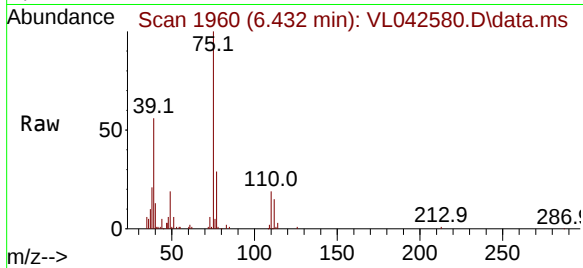
#45
 t-1,3-Dichloropropene
 Concen: 2.085 ppbv
 RT: 6.432 min Scan# 1957
 Delta R.T. 0.010 min
 Lab File: VL042580.D
 Acq: 29 May 2025 11:43

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002

Tgt Ion: 75 Resp: 2827
 Ion Ratio Lower Upper
 75 100
 77 28.8 24.2 36.2

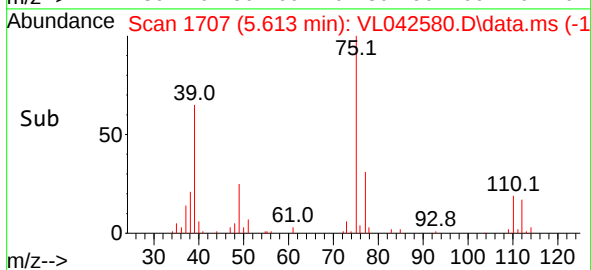
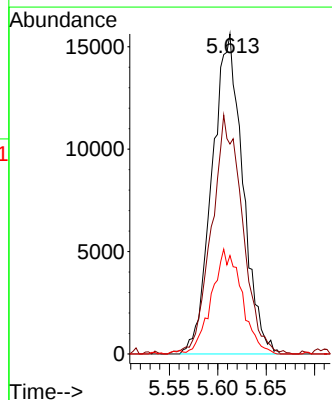
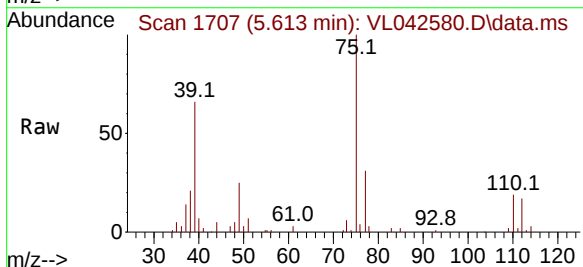
Manual Integrations
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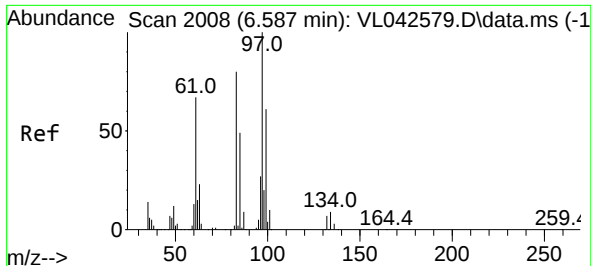
Reviewed By :Semsettin Yesilyurt 05/30/2025
 Supervised By :Mahesh Dadoda 05/30/2025



#46
 cis-1,3-Dichloropropene
 Concen: 2.027 ppbv
 RT: 5.613 min Scan# 1707
 Delta R.T. 0.003 min
 Lab File: VL042580.D
 Acq: 29 May 2025 11:43

Tgt Ion: 75 Resp: 34445
 Ion Ratio Lower Upper
 75 100
 39 64.9 52.7 79.1
 77 30.7 25.8 38.8





#47

1,1,2-Trichloroethane

Concen: 2.092 ppbv

RT: 6.590 min Scan# 2008

Delta R.T. 0.003 min

Lab File: VL042580.D

Acq: 29 May 2025 11:43

Instrument :

MSVOA_L

ClientSampleId :

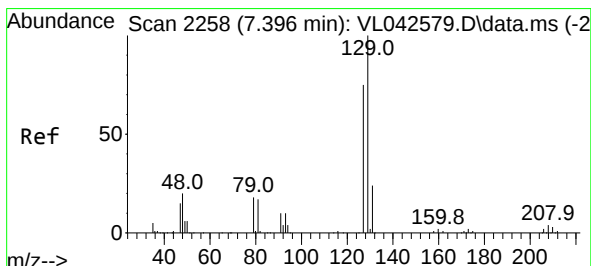
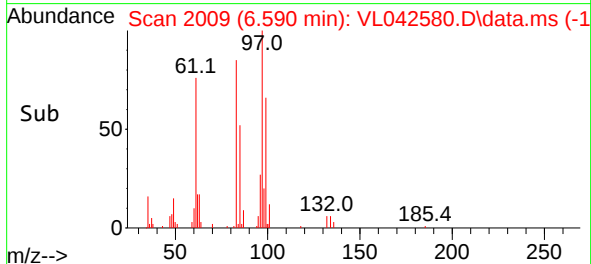
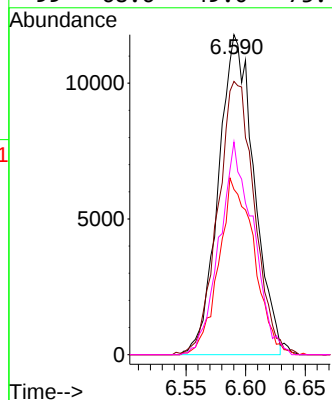
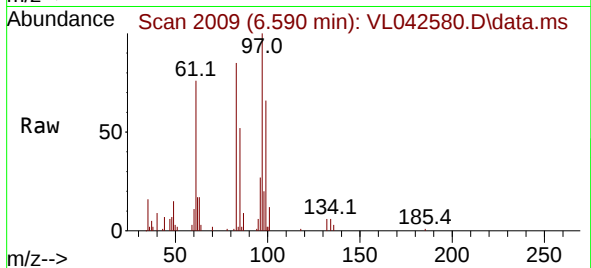
VSTDICC002

Tgt Ion:	97	Resp:	2445
Ion	Ratio	Lower	Upper
97	100		
83	84.9	63.9	95.9
85	51.7	39.2	58.8
99	68.6	49.0	73.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#48

Dibromochloromethane

Concen: 2.103 ppbv

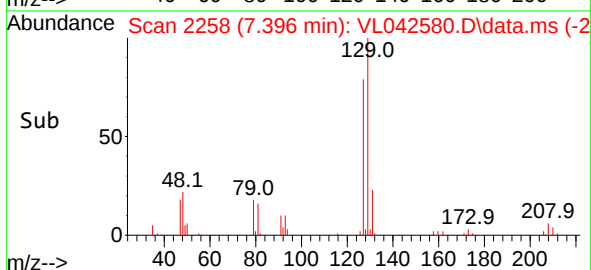
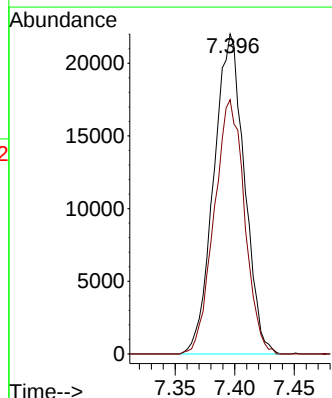
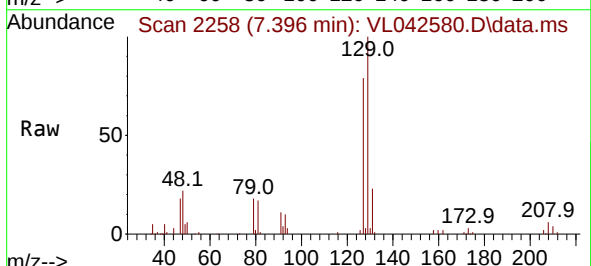
RT: 7.396 min Scan# 2258

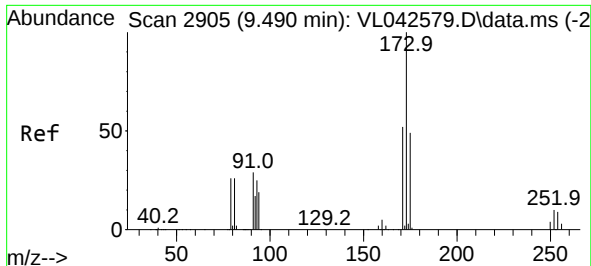
Delta R.T. 0.000 min

Lab File: VL042580.D

Acq: 29 May 2025 11:43

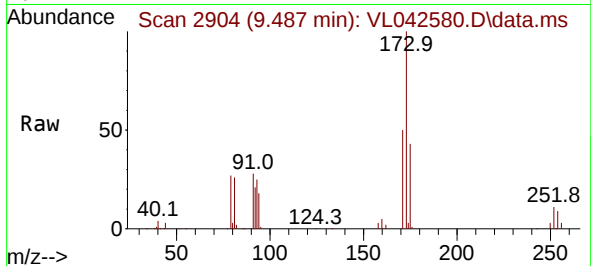
Tgt Ion:	129	Resp:	39361
Ion	Ratio	Lower	Upper
129	100		
127	78.5	39.0	116.9





#49
Bromoform
Concen: 2.122 ppbv
RT: 9.487 min Scan# 2905
Delta R.T. -0.003 min
Lab File: VL042580.D
Acq: 29 May 2025 11:43

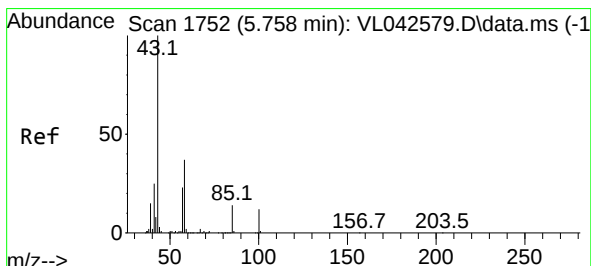
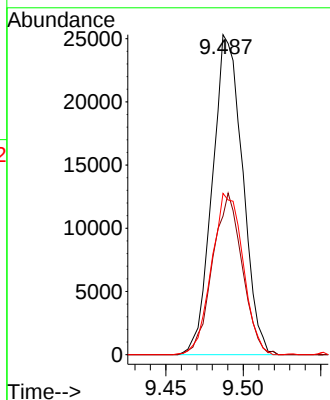
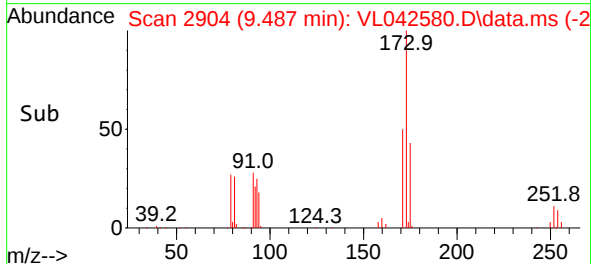
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



Tgt Ion:173 Resp: 34270
Ion Ratio Lower Upper
173 100
175 49.6 38.7 58.1
171 52.5 41.2 61.8

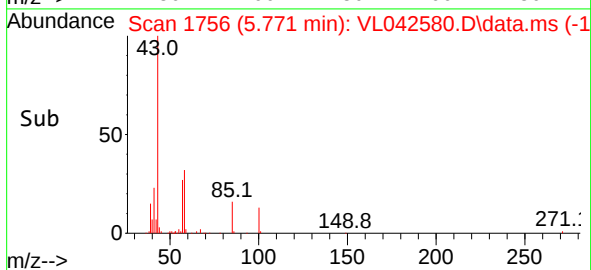
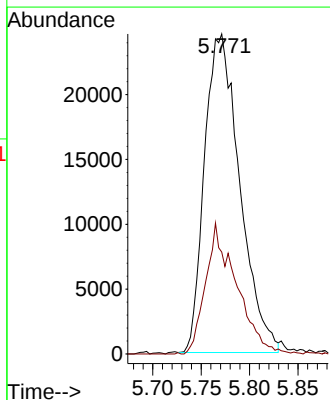
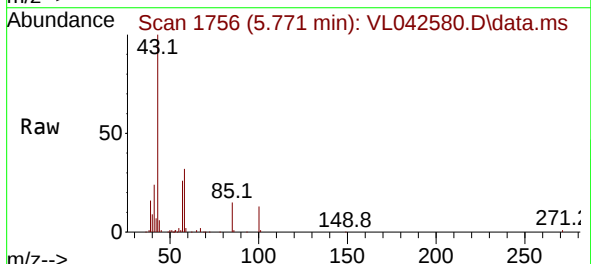
Manual Integrations
APPROVED

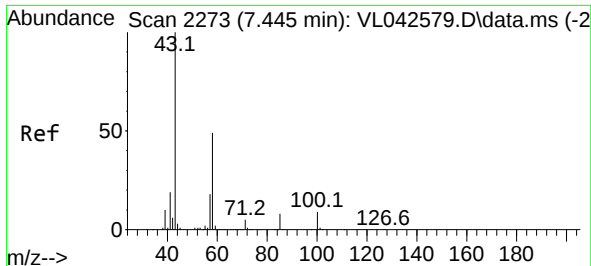
Reviewed By :Semsettin Yesilyurt 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#50
4-Methyl-2-Pentanone
Concen: 2.018 ppbv
RT: 5.771 min Scan# 1756
Delta R.T. 0.013 min
Lab File: VL042580.D
Acq: 29 May 2025 11:43

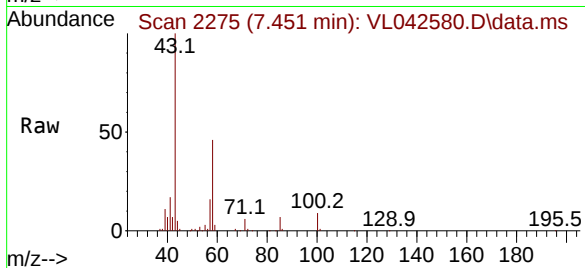
Tgt Ion: 43 Resp: 62167
Ion Ratio Lower Upper
43 100
58 36.2 28.3 42.5





#51
2-Hexanone
Concen: 2.100 ppbv
RT: 7.451 min Scan# 2107
Delta R.T. 0.007 min
Lab File: VL042580.D
Acq: 29 May 2025 11:43

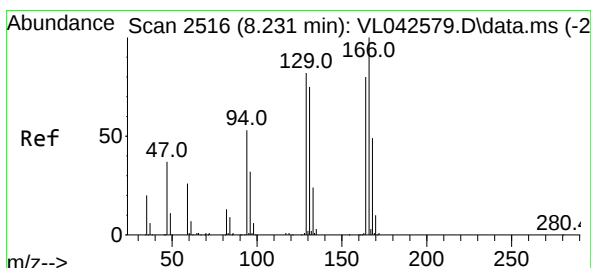
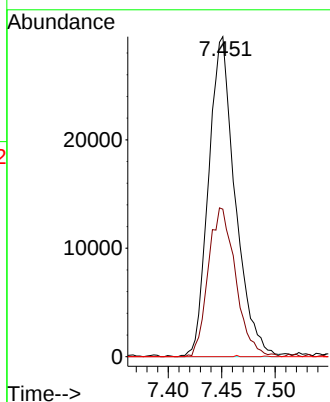
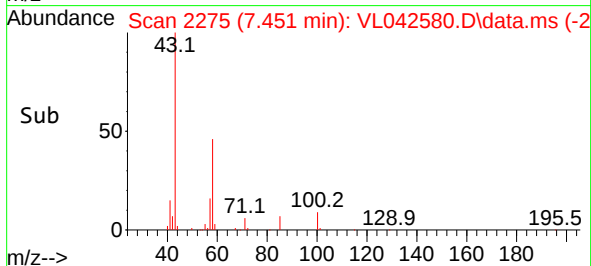
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



Tgt Ion: 43 Resp: 51074
Ion Ratio Lower Upper
43 100
58 47.9 39.9 59.9
98 0.0 0.1 0.1

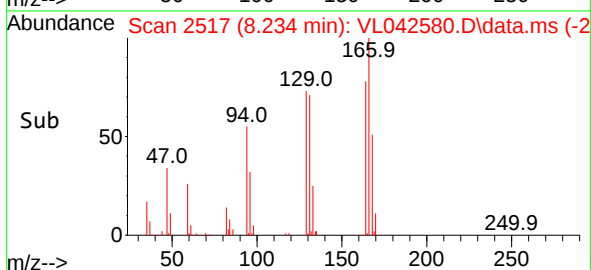
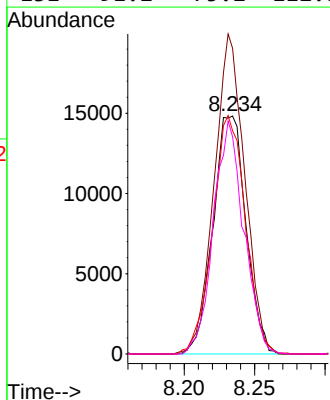
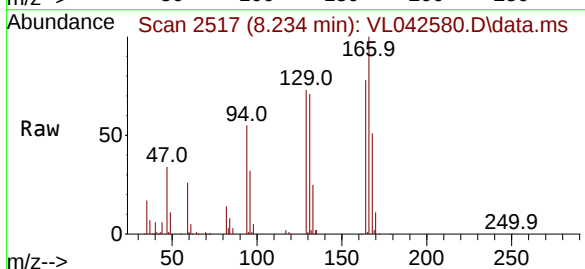
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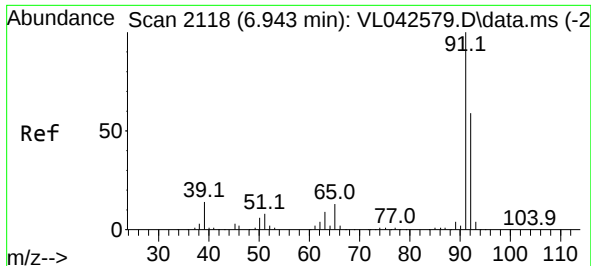
Reviewed By :Semsettin Yesilyurt 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#52
Tetrachloroethene
Concen: 2.121 ppbv
RT: 8.234 min Scan# 2517
Delta R.T. 0.003 min
Lab File: VL042580.D
Acq: 29 May 2025 11:43

Tgt Ion:164 Resp: 24205
Ion Ratio Lower Upper
164 100
166 127.9 100.0 150.0
129 93.8 82.2 123.4
131 91.2 75.2 112.8





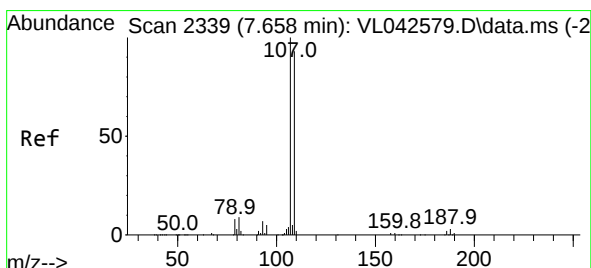
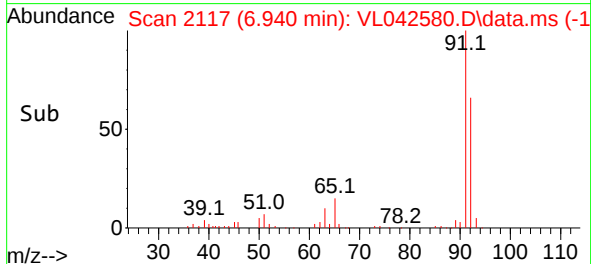
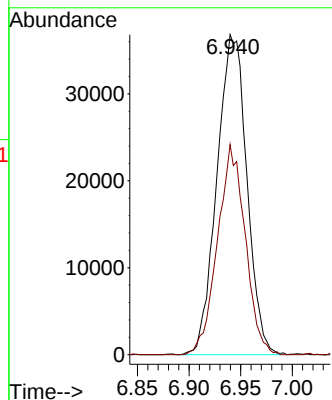
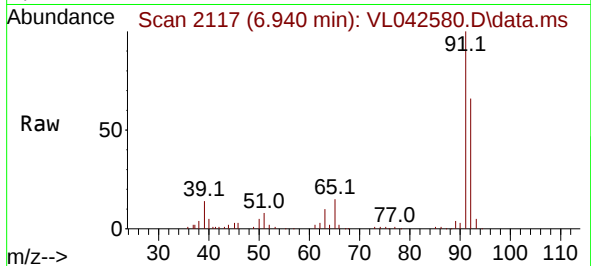
#53
Toluene
Concen: 2.104 ppbv
RT: 6.940 min Scan# 2118
Delta R.T. -0.003 min
Lab File: VL042580.D
Acq: 29 May 2025 11:43

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 91 Resp: 74240
Ion Ratio Lower Upper
91 100
92 60.9 48.2 72.4

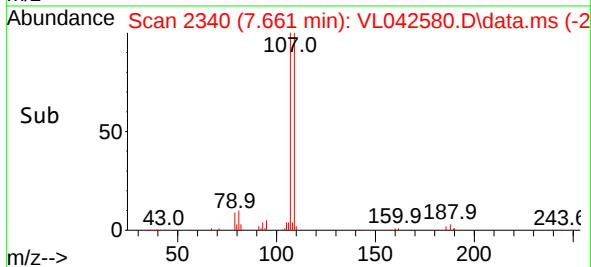
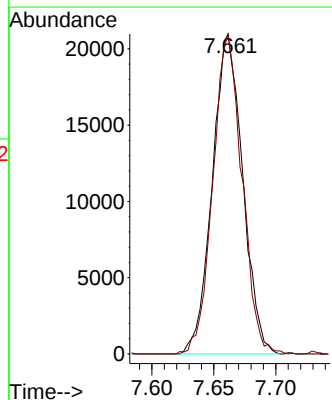
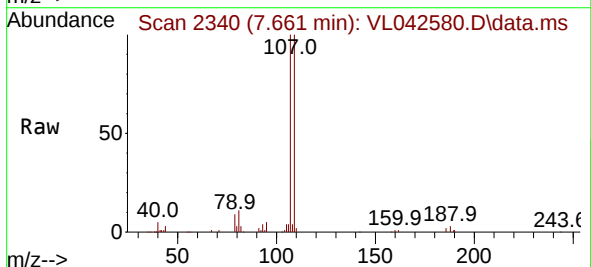
Manual Integrations
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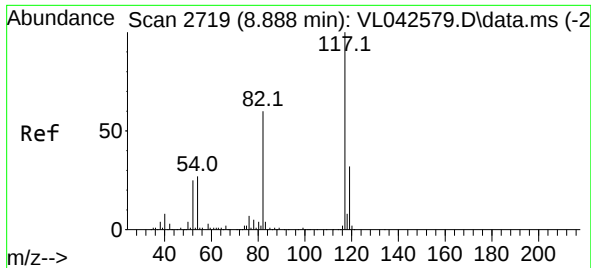
Reviewed By :Semsettin Yesilyurt 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#54
1,2-Dibromoethane
Concen: 2.063 ppbv
RT: 7.661 min Scan# 2340
Delta R.T. 0.003 min
Lab File: VL042580.D
Acq: 29 May 2025 11:43

Tgt Ion:107 Resp: 35750
Ion Ratio Lower Upper
107 100
109 99.0 74.3 111.5





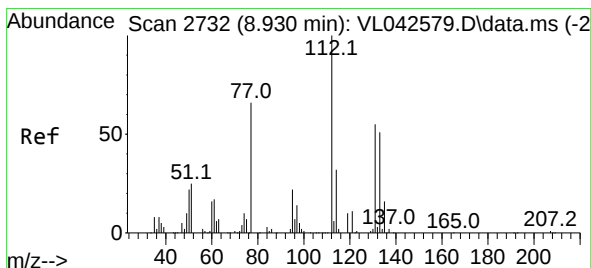
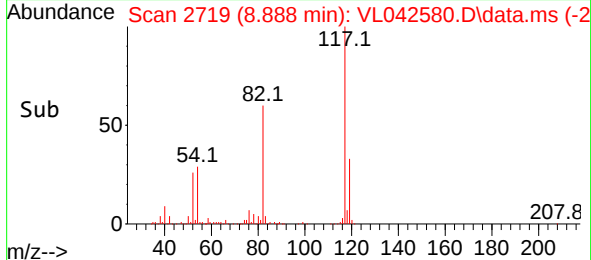
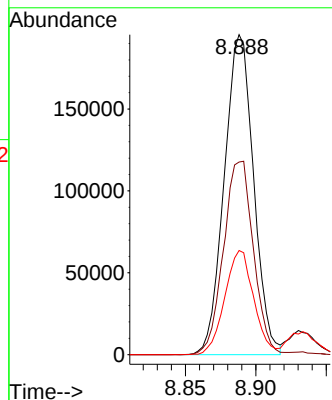
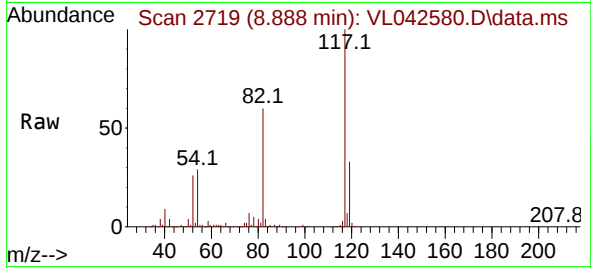
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.888 min Scan# 2719
Delta R.T. 0.000 min
Lab File: VL042580.D
Acq: 29 May 2025 11:43

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

Tgt Ion:117 Resp: 284199
Ion Ratio Lower Upper
117 100
82 62.3 51.2 76.8
119 32.8 26.3 39.5

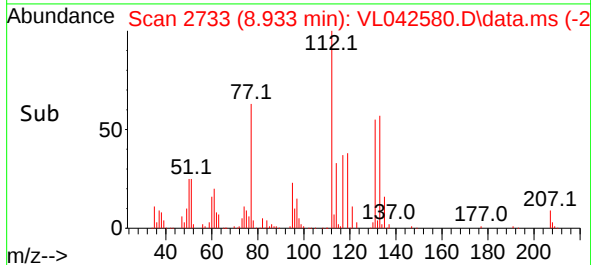
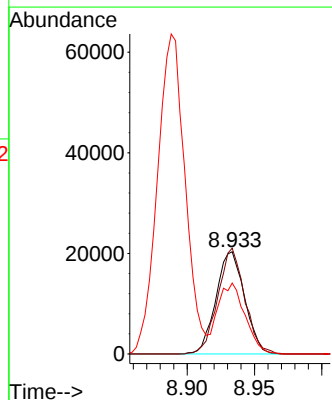
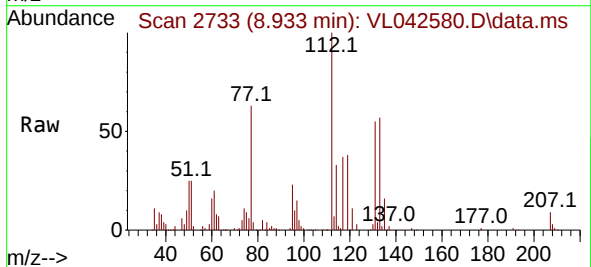
Manual Integrations
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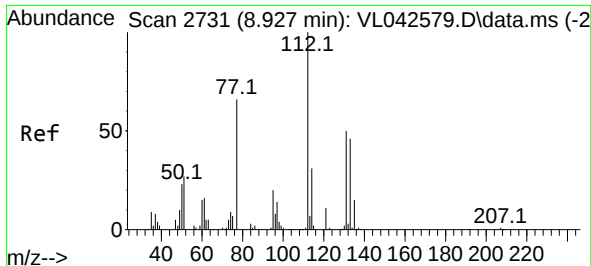
Reviewed By :Semsettin Yesilyurt 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#56
1,1,1,2-Tetrachloroethane
Concen: 2.101 ppbv
RT: 8.933 min Scan# 2733
Delta R.T. 0.003 min
Lab File: VL042580.D
Acq: 29 May 2025 11:43

Tgt Ion:131 Resp: 30026
Ion Ratio Lower Upper
131 100
133 97.4 75.0 112.6
119 64.5 50.8 76.2





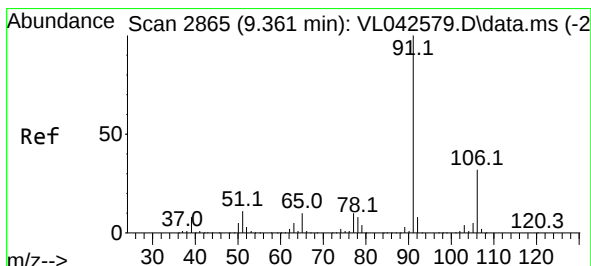
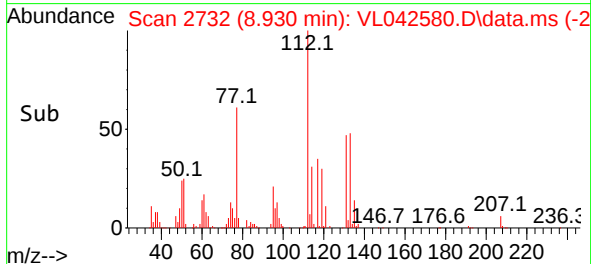
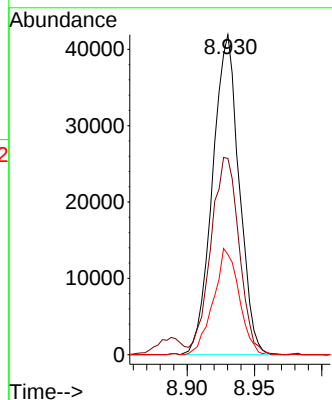
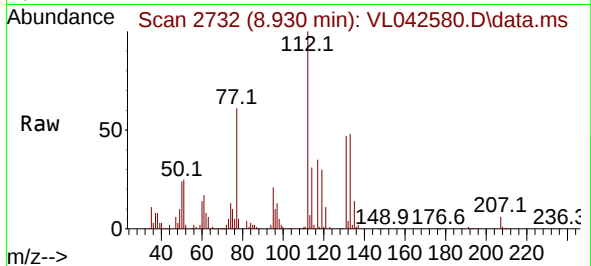
#57
Chlorobenzene
Concen: 2.088 ppbv
RT: 8.930 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL042580.D
Acq: 29 May 2025 11:43

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

Tgt Ion: 112 Resp: 5761
Ion Ratio Lower Upper
112 100
77 61.2 53.5 80.3
114 31.3 27.8 34.0

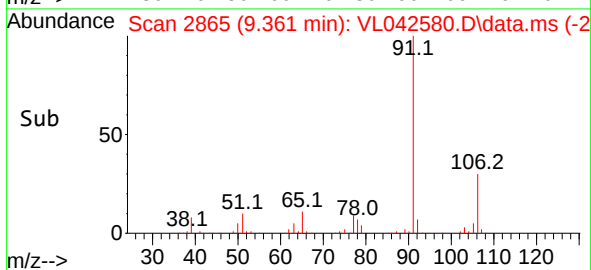
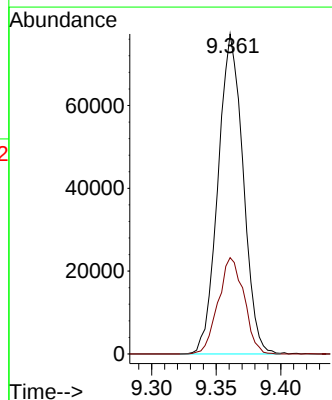
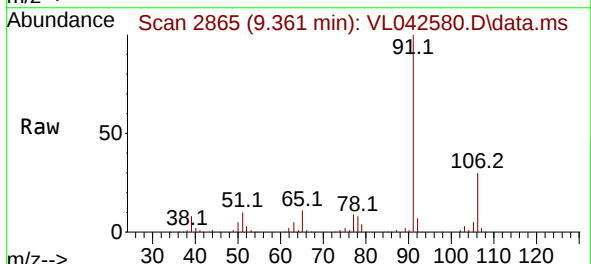
Manual Integrations
APPROVED

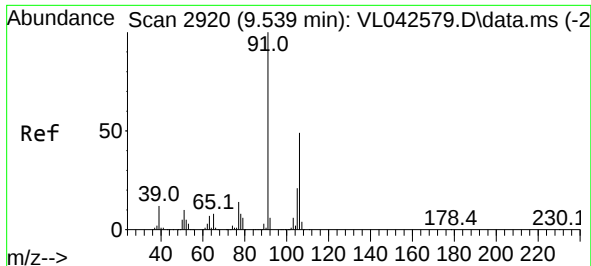
Reviewed By :Semsettin Yesilyurt 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#58
Ethyl Benzene
Concen: 2.161 ppbv
RT: 9.361 min Scan# 2865
Delta R.T. 0.000 min
Lab File: VL042580.D
Acq: 29 May 2025 11:43

Tgt Ion: 91 Resp: 104171
Ion Ratio Lower Upper
91 100
106 30.1 25.9 38.9





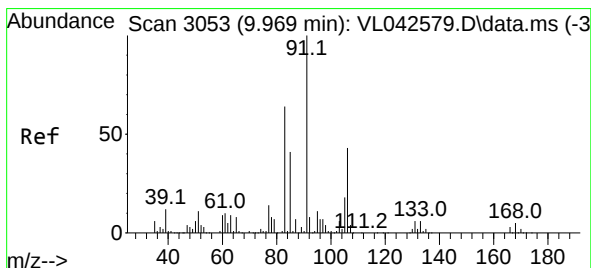
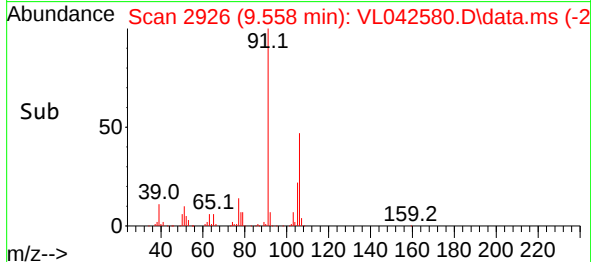
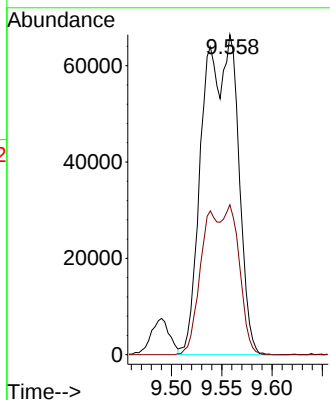
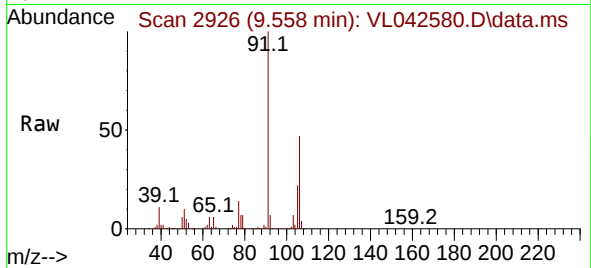
#59
m/p-Xylene
Concen: 4.288 ppbv m
RT: 9.558 min Scan# 2920
Delta R.T. 0.019 min
Lab File: VL042580.D
Acq: 29 May 2025 11:43

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 91 Resp: 162694
Ion Ratio Lower Upper
91 100
106 0.0 38.8 58.2

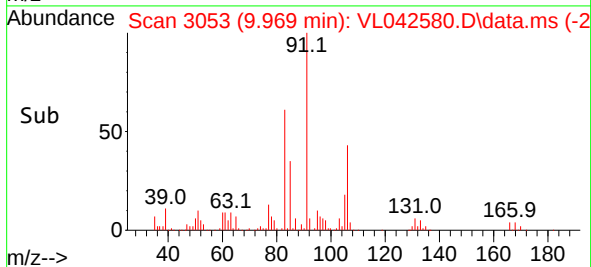
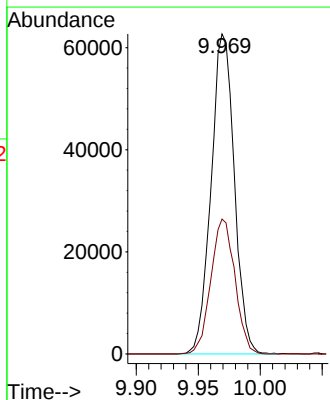
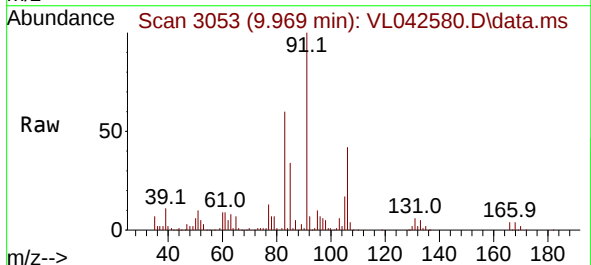
Manual Integrations
APPROVED

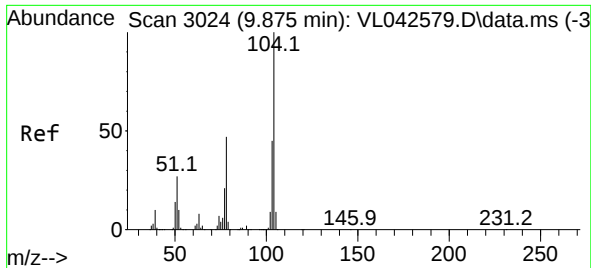
Reviewed By :Semsettin Yesilyurt 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#60
o-Xylene
Concen: 2.164 ppbv
RT: 9.969 min Scan# 3053
Delta R.T. 0.000 min
Lab File: VL042580.D
Acq: 29 May 2025 11:43

Tgt Ion: 91 Resp: 81886
Ion Ratio Lower Upper
91 100
106 43.6 22.9 68.5





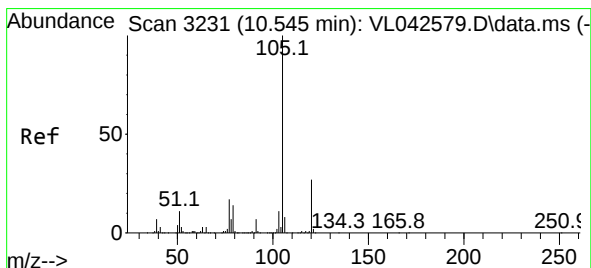
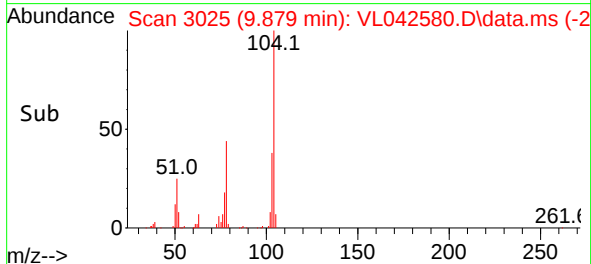
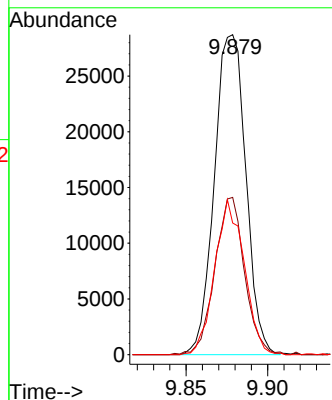
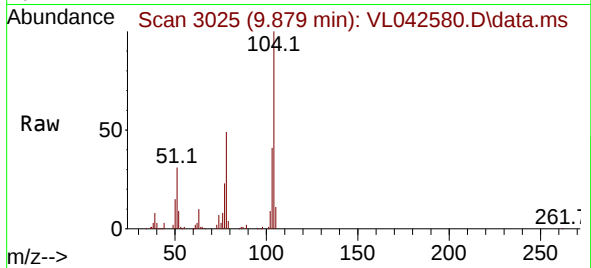
#61
Styrene
Concen: 2.154 ppbv
RT: 9.879 min Scan# 3024
Delta R.T. 0.003 min
Lab File: VL042580.D
Acq: 29 May 2025 11:43

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

Tgt Ion:104 Resp: 3854
Ion Ratio Lower Upper
104 100
78 46.5 38.2 57.4
103 45.3 36.7 55.1

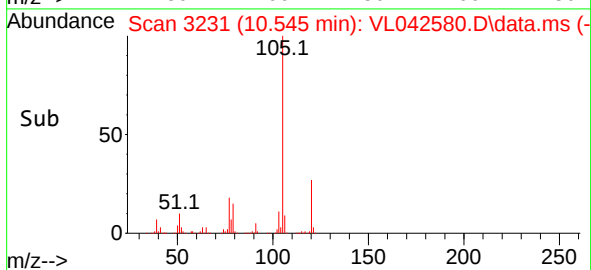
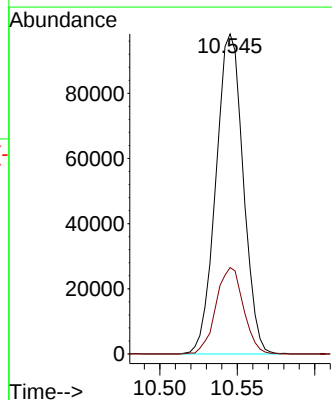
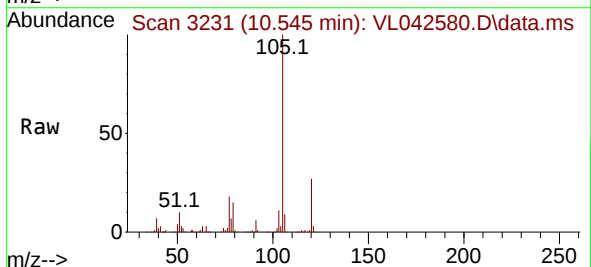
Manual Integrations
APPROVED

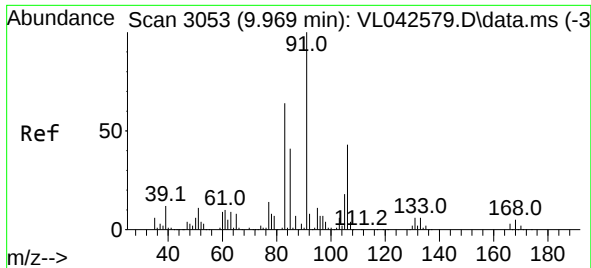
Reviewed By :Semsettin Yesilyurt 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#62
Isopropylbenzene
Concen: 2.157 ppbv
RT: 10.545 min Scan# 3231
Delta R.T. 0.000 min
Lab File: VL042580.D
Acq: 29 May 2025 11:43

Tgt Ion:105 Resp: 120576
Ion Ratio Lower Upper
105 100
120 27.1 20.9 31.3





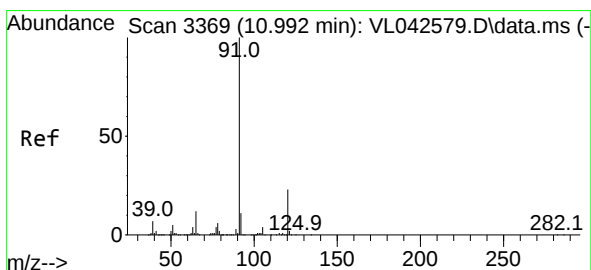
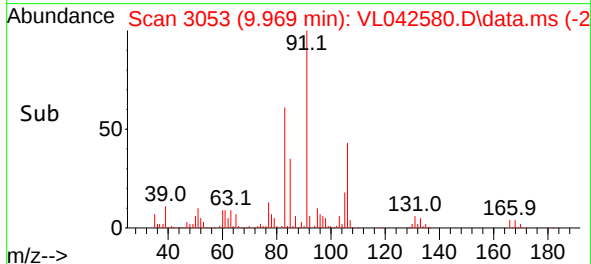
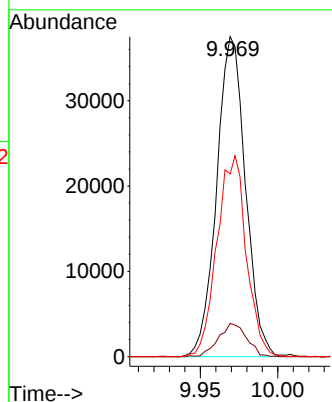
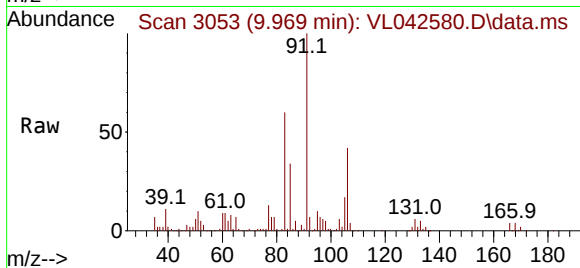
#63
1,1,2,2-Tetrachloroethane
Concen: 2.020 ppbv
RT: 9.969 min Scan# 3053
Delta R.T. 0.000 min
Lab File: VL042580.D
Acq: 29 May 2025 11:43

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

Tgt Ion	Ratio	Lower	Upper
83	100		
131	10.2	4.8	14.4
85	63.8	32.5	97.4

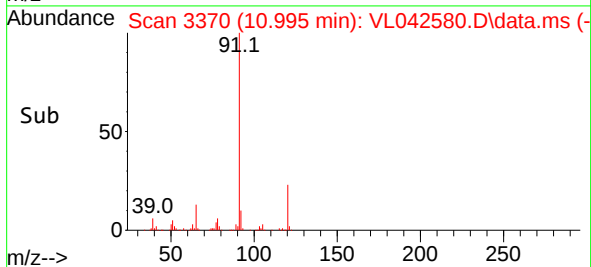
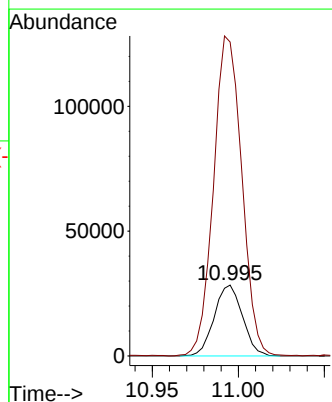
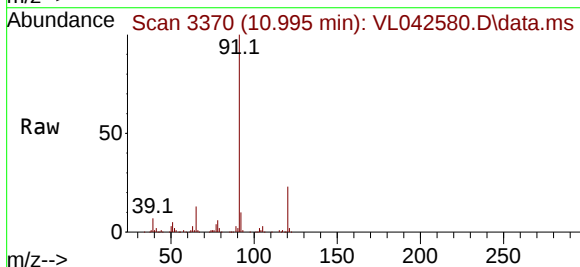
Manual Integrations
APPROVED

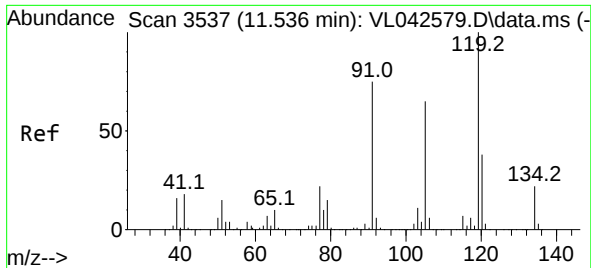
Reviewed By :Semsettin Yesilyurt 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#64
n-propylbenzene
Concen: 2.163 ppbv
RT: 10.995 min Scan# 3370
Delta R.T. 0.003 min
Lab File: VL042580.D
Acq: 29 May 2025 11:43

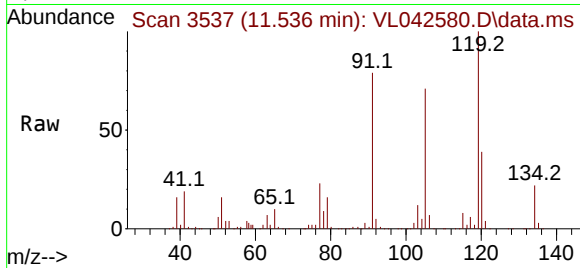
Tgt Ion	Ratio	Lower	Upper
120	100		
91	453.9	363.0	544.6





#65
tert-Butylbenzene
Concen: 2.176 ppbv
RT: 11.536 min Scan# 3537
Delta R.T. 0.000 min
Lab File: VL042580.D
Acq: 29 May 2025 11:43

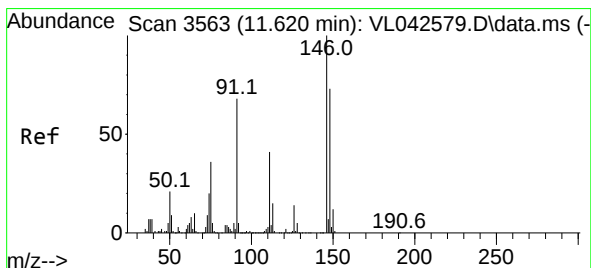
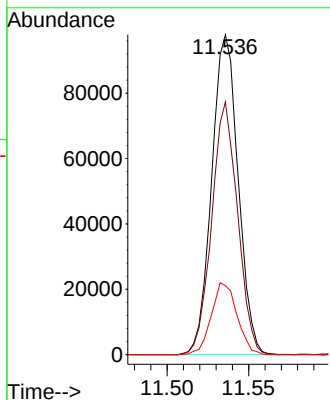
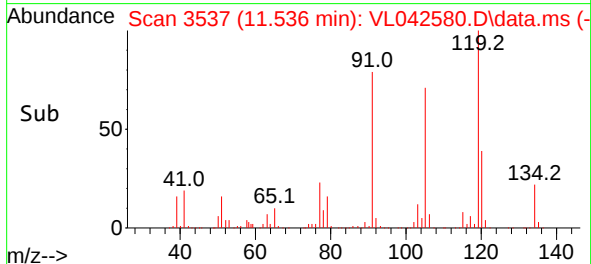
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



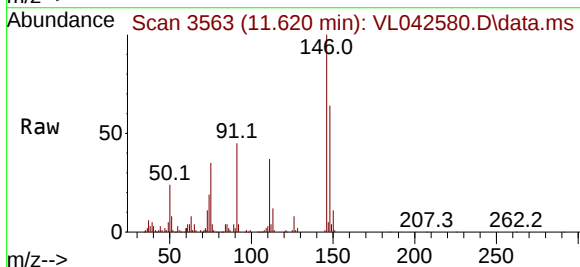
Tgt Ion: 119 Resp: 110380
Ion Ratio Lower Upper
119 100
91 77.2 61.1 91.7
134 21.9 17.4 26.2

Manual Integrations
APPROVED

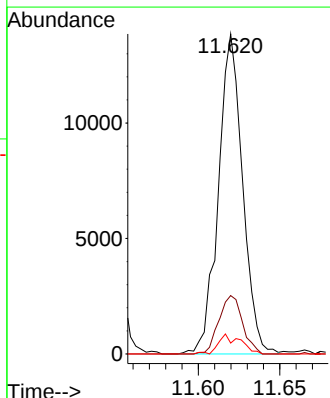
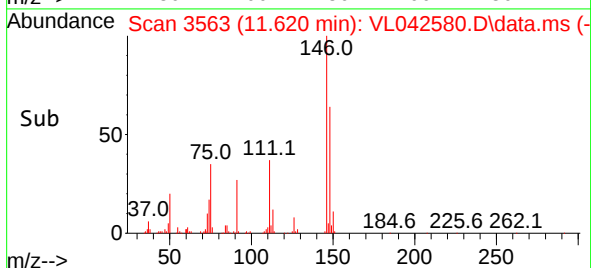
Reviewed By :Semsettin Yesilyurt 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

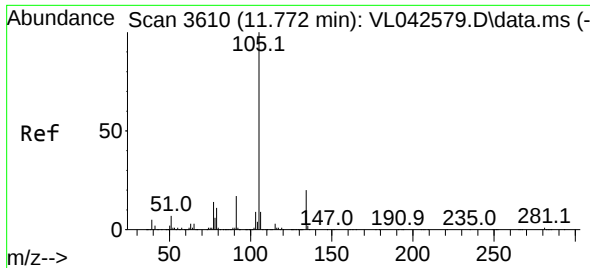


#66
Benzyl Chloride
Concen: 2.190 ppbv
RT: 11.620 min Scan# 3563
Delta R.T. 0.000 min
Lab File: VL042580.D
Acq: 29 May 2025 11:43



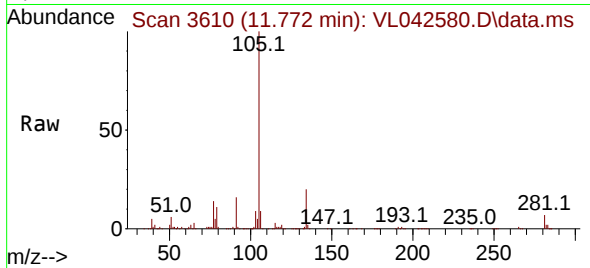
Tgt Ion: 91 Resp: 14327
Ion Ratio Lower Upper
91 100
126 17.8 15.1 22.7
128 5.7 5.0 7.6





#67
 sec-Butylbenzene
 Concen: 2.151 ppbv
 RT: 11.772 min Scan# 3610
 Delta R.T. 0.000 min
 Lab File: VL042580.D
 Acq: 29 May 2025 11:43

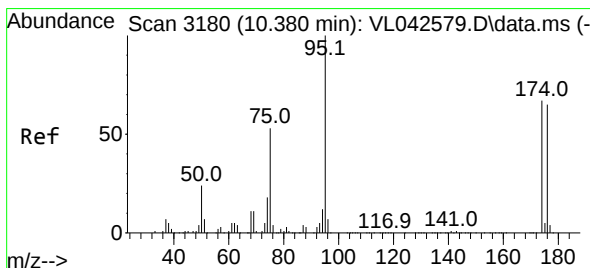
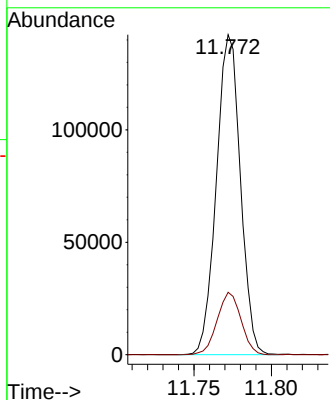
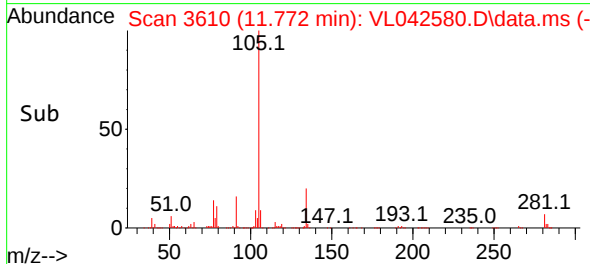
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002



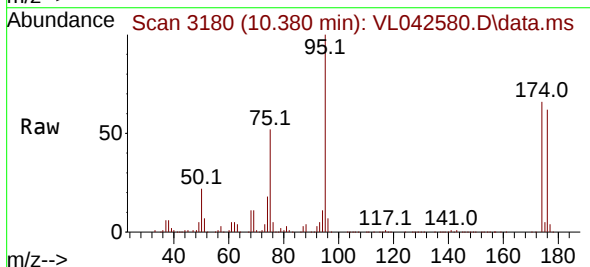
Tgt Ion: 105 Resp: 15340
 Ion Ratio Lower Upper
 105 100
 134 19.3 15.8 23.6

Manual Integrations
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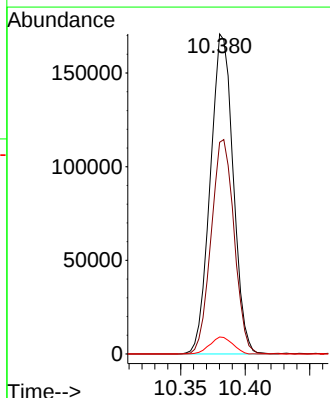
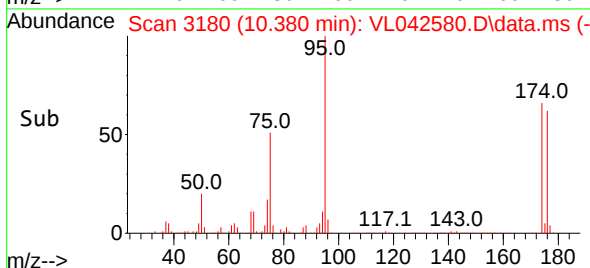
Reviewed By :Semsettin Yesilyurt 05/30/2025
 Supervised By :Mahesh Dadoda 05/30/2025

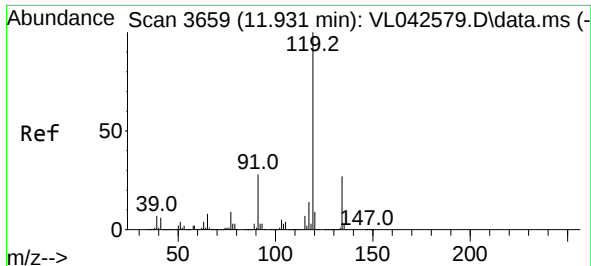


#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.881 ppbv
 RT: 10.380 min Scan# 3180
 Delta R.T. 0.000 min
 Lab File: VL042580.D
 Acq: 29 May 2025 11:43



Tgt Ion: 95 Resp: 210508
 Ion Ratio Lower Upper
 95 100
 174 67.4 53.1 79.7
 175 5.3 4.2 6.2





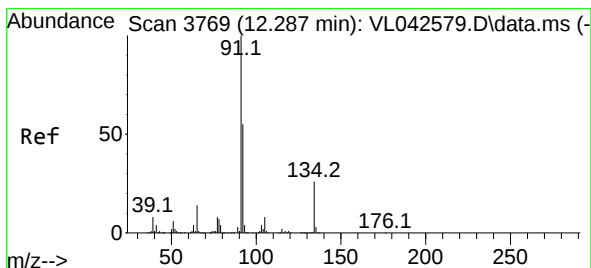
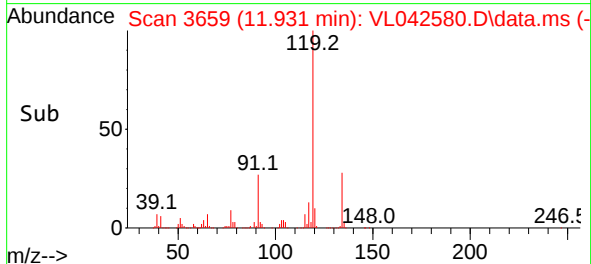
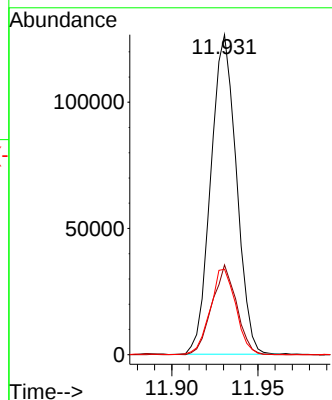
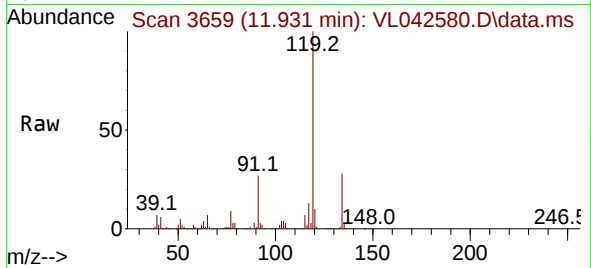
#69
p-Isopropyltoluene
Concen: 2.188 ppbv
RT: 11.931 min Scan# 3659
Delta R.T. 0.000 min
Lab File: VL042580.D
Acq: 29 May 2025 11:43

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:	119	Resp:	13064
Ion Ratio	Lower	Upper	
119	100		
134	27.0	21.1	31.7
91	27.2	21.9	32.9

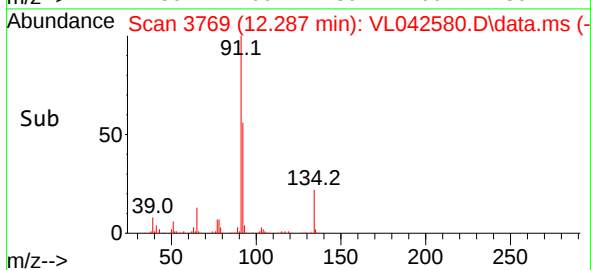
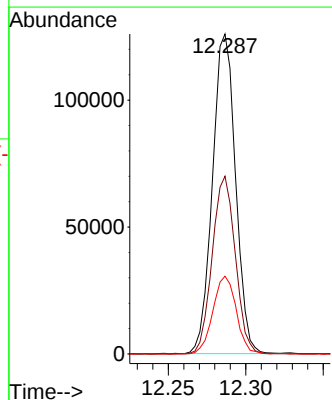
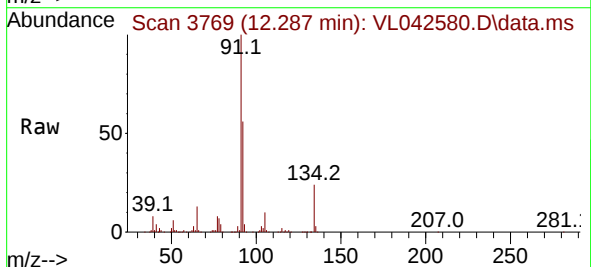
Manual Integrations
APPROVED

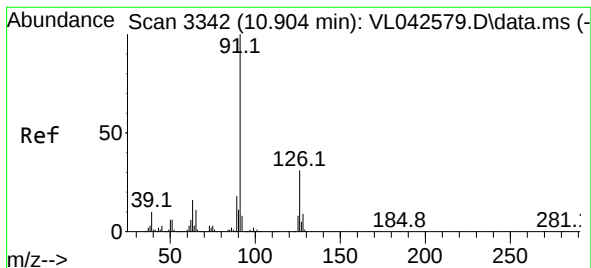
Reviewed By :Semsettin Yesilyurt 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#70
n-Butylbenzene
Concen: 2.216 ppbv
RT: 12.287 min Scan# 3769
Delta R.T. 0.000 min
Lab File: VL042580.D
Acq: 29 May 2025 11:43

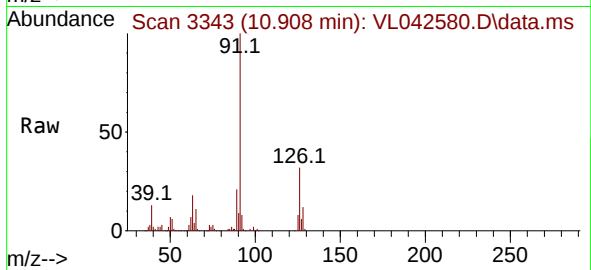
Tgt Ion:	91	Resp:	130662
Ion Ratio	Lower	Upper	
91	100		
92	55.6	44.4	66.6
134	24.6	20.1	30.1





#71
2-Chlorotoluene
Concen: 2.128 ppbv
RT: 10.908 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL042580.D
Acq: 29 May 2025 11:43

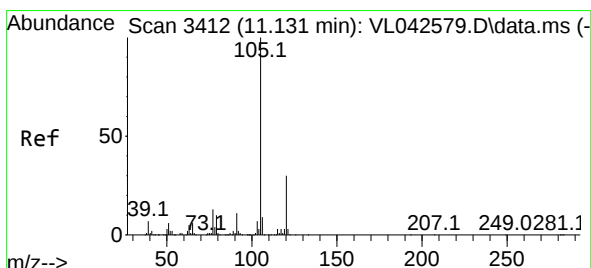
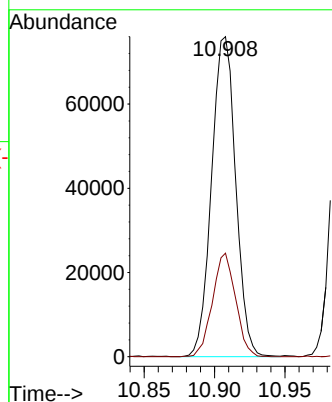
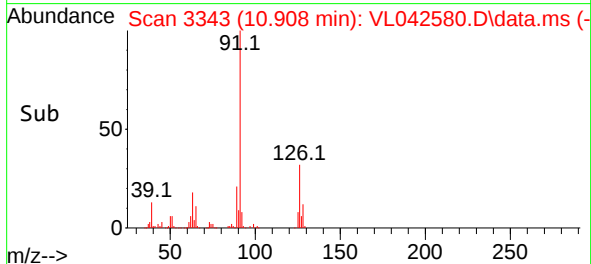
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



Tgt Ion: 91 Resp: 90725
Ion Ratio Lower Upper
91 100
126 30.9 12.6 50.4

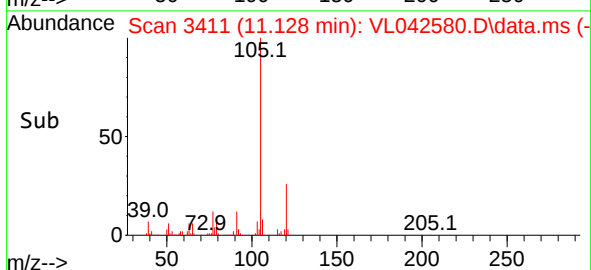
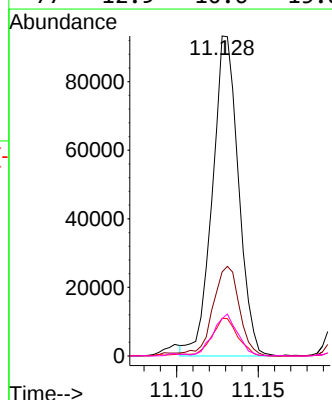
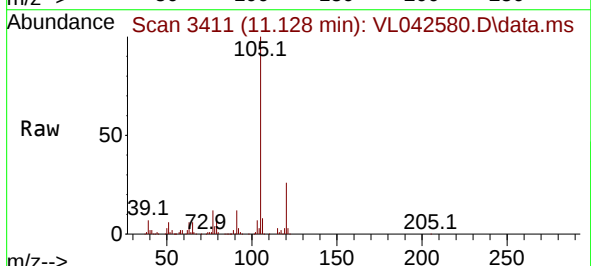
Manual Integrations
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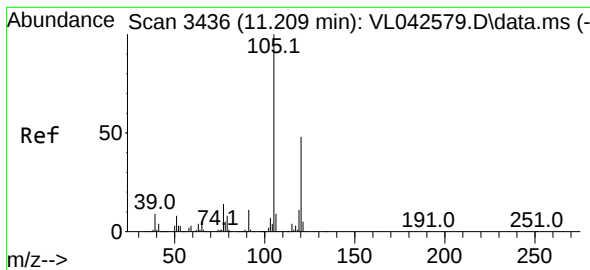
Reviewed By :Semsettin Yesilyurt 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#72
4-Ethyltoluene
Concen: 2.197 ppbv
RT: 11.128 min Scan# 3411
Delta R.T. -0.003 min
Lab File: VL042580.D
Acq: 29 May 2025 11:43

Tgt Ion:105 Resp: 103640
Ion Ratio Lower Upper
105 100
120 29.2 24.6 36.8
91 12.3 9.6 14.4
77 12.9 10.6 15.8





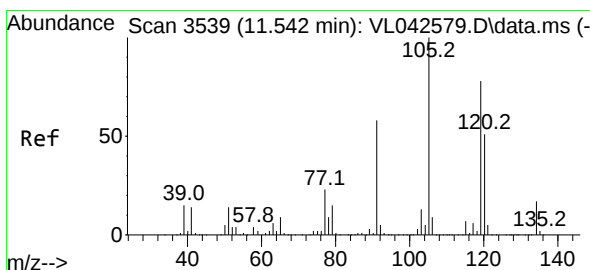
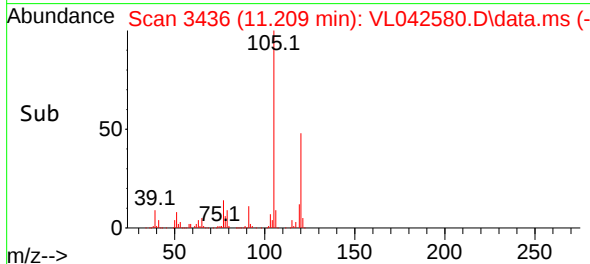
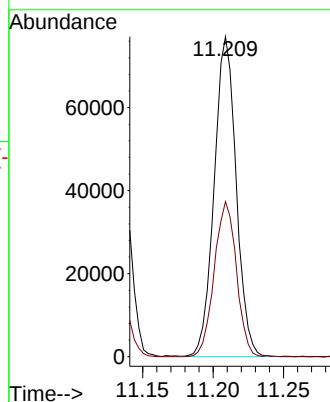
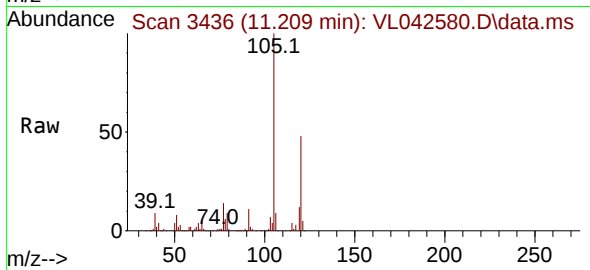
#73
1,3,5-Trimethylbenzene
Concen: 2.147 ppbv
RT: 11.209 min Scan# 3436
Delta R.T. 0.000 min
Lab File: VL042580.D
Acq: 29 May 2025 11:43

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:105 Resp: 83829
Ion Ratio Lower Upper
105 100
120 48.5 38.8 58.2

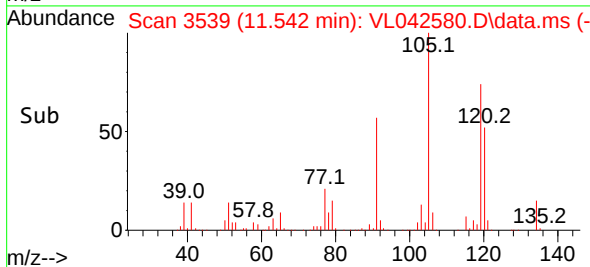
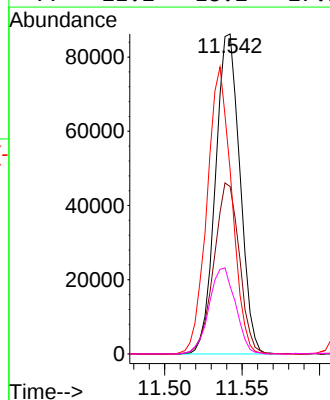
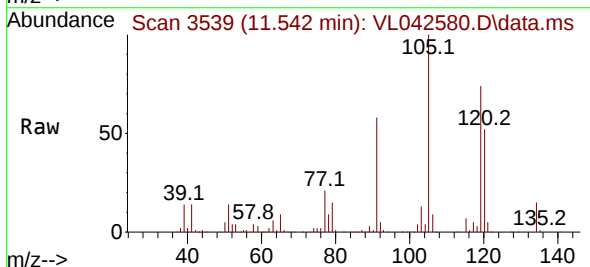
Manual Integrations
APPROVED

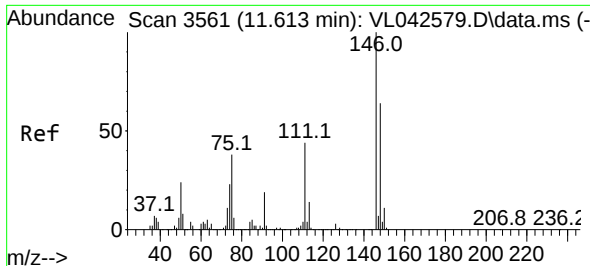
Reviewed By :Semsettin Yesilyurt 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#74
1,2,4-Trimethylbenzene
Concen: 2.186 ppbv
RT: 11.542 min Scan# 3539
Delta R.T. 0.000 min
Lab File: VL042580.D
Acq: 29 May 2025 11:43

Tgt Ion:105 Resp: 94716
Ion Ratio Lower Upper
105 100
120 52.3 40.8 61.2
91 57.4 46.8 70.2
77 21.2 18.2 27.2





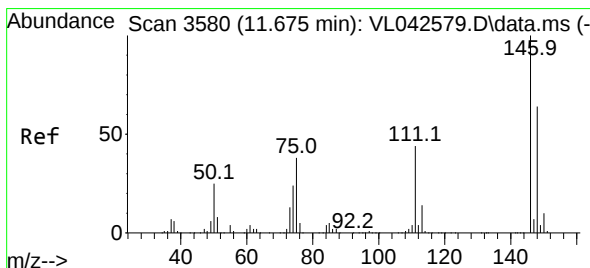
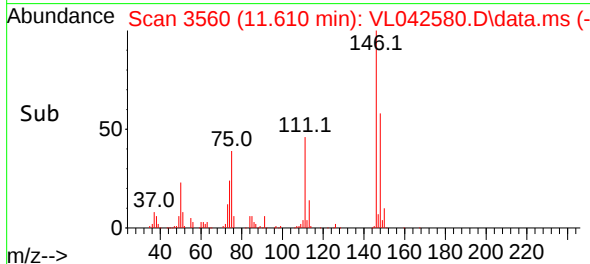
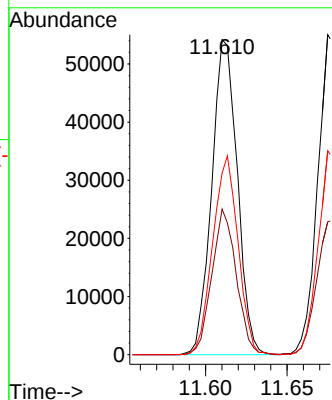
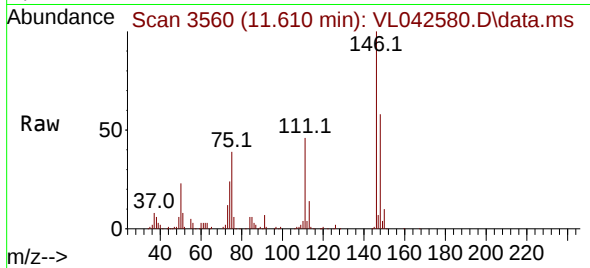
#75
1,3-Dichlorobenzene
Concen: 2.174 ppbv
RT: 11.610 min Scan# 3560
Delta R.T. -0.003 min
Lab File: VL042580.D
Acq: 29 May 2025 11:43

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:146 Resp: 59138
Ion Ratio Lower Upper
146 100
111 44.3 22.4 67.3
148 62.4 32.0 96.2

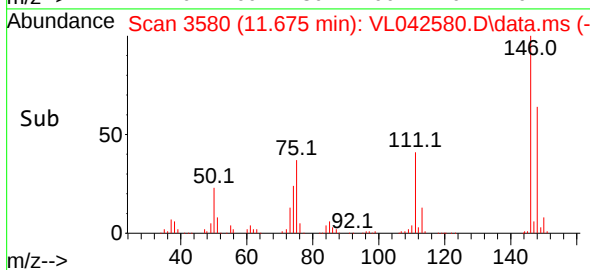
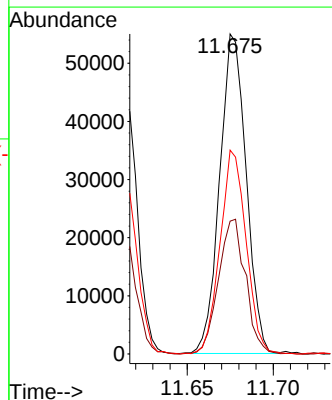
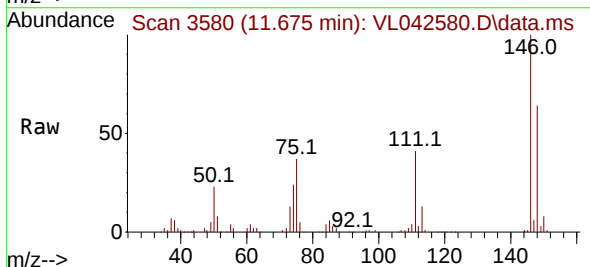
Manual Integrations
APPROVED

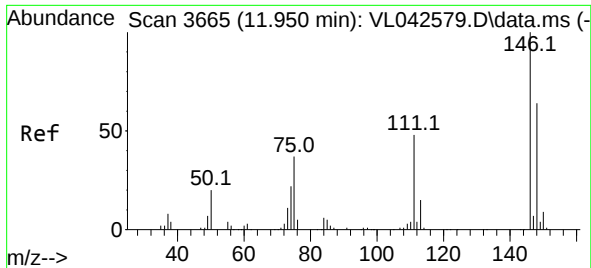
Reviewed By :Semsettin Yesilyurt 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#76
1,4-Dichlorobenzene
Concen: 2.171 ppbv
RT: 11.675 min Scan# 3580
Delta R.T. 0.000 min
Lab File: VL042580.D
Acq: 29 May 2025 11:43

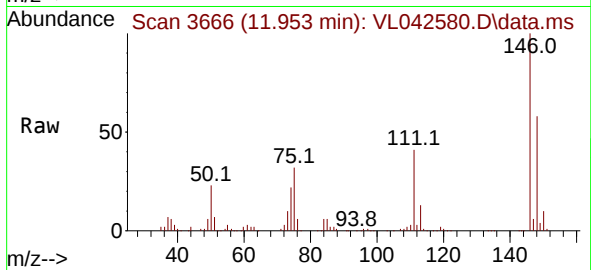
Tgt Ion:146 Resp: 58920
Ion Ratio Lower Upper
146 100
111 43.2 21.6 64.8
148 63.0 32.1 96.5





#77
1,2-Dichlorobenzene
Concen: 2.212 ppbv
RT: 11.953 min Scan# 3666
Delta R.T. 0.003 min
Lab File: VL042580.D
Acq: 29 May 2025 11:43

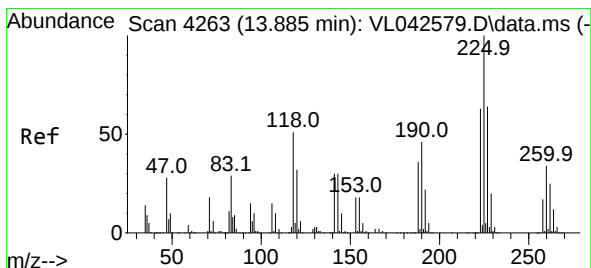
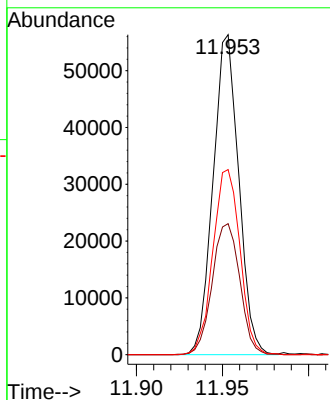
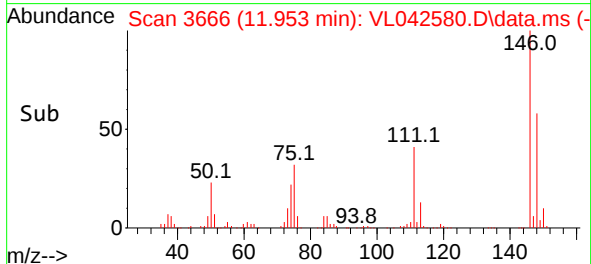
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



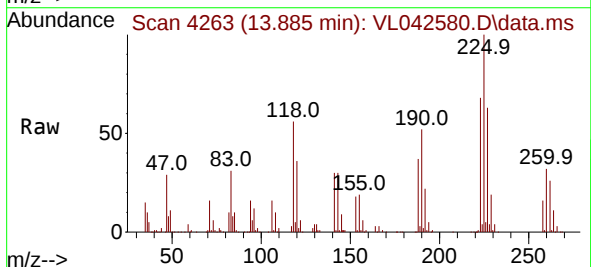
Tgt Ion:146 Resp: 58400
Ion Ratio Lower Upper
146 100
111 44.1 23.1 69.3
148 61.2 32.1 96.3

Manual Integrations
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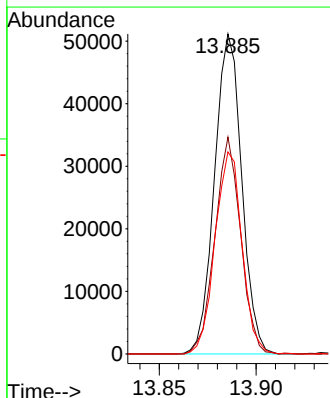
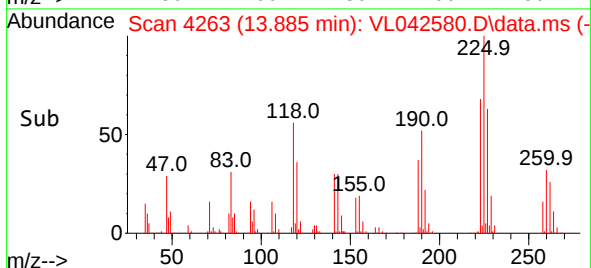
Reviewed By :Semsettin Yesilyurt 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

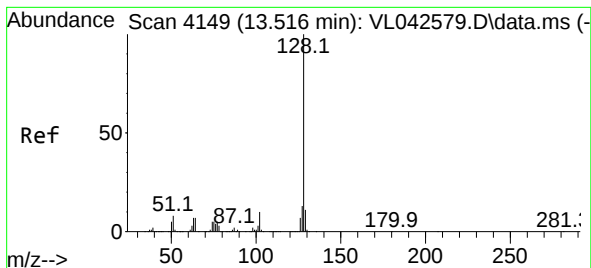


#78
Hexachloro-1,3-Butadiene
Concen: 2.288 ppbv
RT: 13.885 min Scan# 4263
Delta R.T. 0.000 min
Lab File: VL042580.D
Acq: 29 May 2025 11:43



Tgt Ion:225 Resp: 49999
Ion Ratio Lower Upper
225 100
223 64.1 50.2 75.4
227 62.5 51.1 76.7





#79

Naphthalene

Concen: 2.494 ppbv

RT: 13.517 min Scan# 4149

Delta R.T. 0.000 min

Lab File: VL042580.D

Acq: 29 May 2025 11:43

Instrument :

MSVOA_L

ClientSampleId :

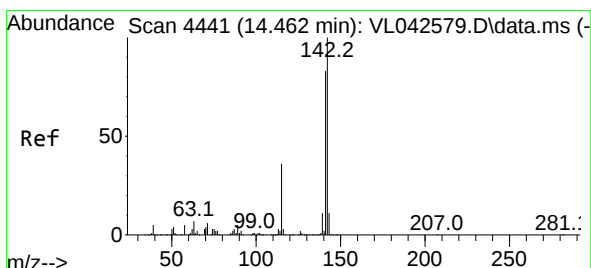
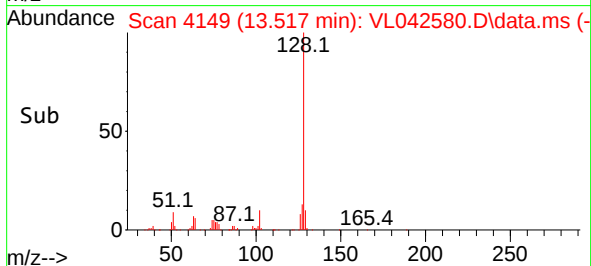
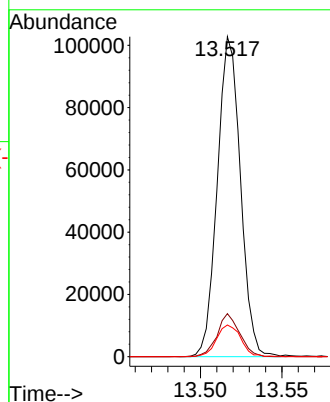
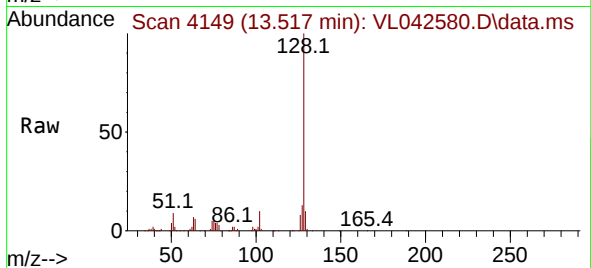
VSTDICC002

Tgt Ion:128	Resp: 10145
Ion Ratio	Lower Upper
128 100	
127 13.5	10.2 15.4
129 9.9	8.8 13.2

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#80

Naphthalene,2-methyl-

Concen: 2.408 ppbv

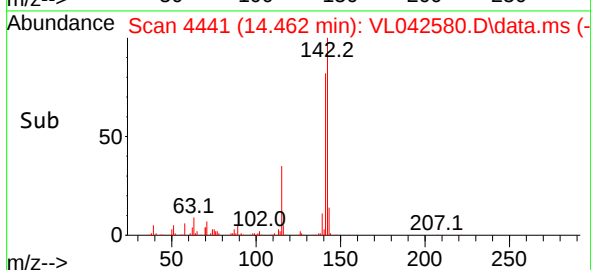
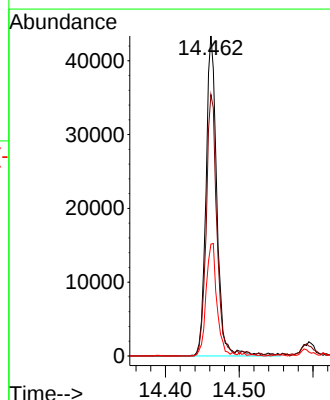
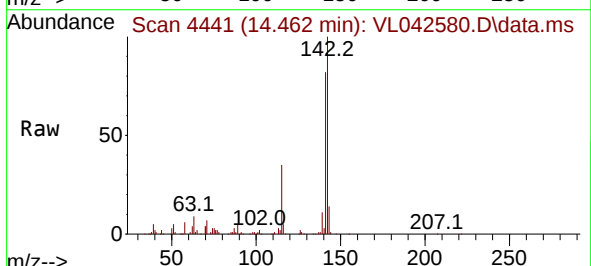
RT: 14.462 min Scan# 4441

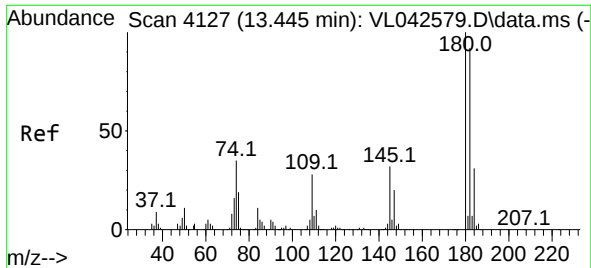
Delta R.T. 0.000 min

Lab File: VL042580.D

Acq: 29 May 2025 11:43

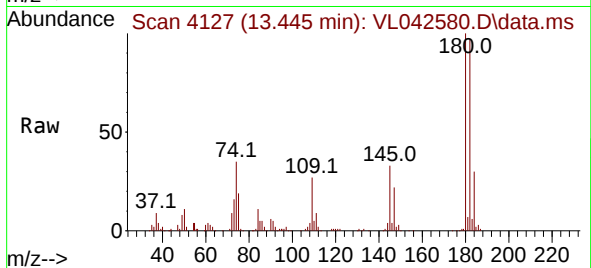
Tgt Ion:142	Resp: 44376
Ion Ratio	Lower Upper
142 100	
141 82.1	66.2 99.4
115 35.0	28.3 42.5





#81
 1,2,4-Trichlorobenzene
 Concen: 2.353 ppbv
 RT: 13.445 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VL042580.D
 Acq: 29 May 2025 11:43

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002



Tgt Ion:180 Resp: 5365
 Ion Ratio Lower Upper
 180 100
 182 97.3 75.0 112.4
 184 30.4 24.6 36.8

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 05/30/2025
 Supervised By :Mahesh Dadoda 05/30/2025

