

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL032525\
 Data File : VL042170.D
 Acq On : 25 Mar 2025 12:07
 Operator : SY/MD
 Sample : VSTDICC015
 Misc : 400mL/MSVOA_L
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC015

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 03/26/2025
 Supervised By : Mahesh Dadoda 03/26/2025

Quant Time: Mar 26 01:37:12 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL032525AIR.M

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

QLast Update : Wed Mar 26 01:29:19 2025

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.793	49	175127	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.972	114	423589	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.895	117	373406	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 10.387 95 314472 10.777 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 107.800%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.502	85	330969	17.125	ppbv	99
3) Chlorodifluoromethane	1.479	51	334122	13.159	ppbv	99
4) Chloromethane	1.534	50	121840	17.173	ppbv	97
5) Vinyl Chloride	1.583	62	115185	17.428	ppbv	99
6) Bromomethane	1.670	94	56219	17.486	ppbv	100
7) Chloroethane	1.706	64	45835	16.760	ppbv #	89
8) Dichlorotetrafluoroethane	1.557	85	261743	16.663	ppbv	99
9) Propene	1.486	41	142186	13.795	ppbv	99
10) Heptane	4.994	43	440086	13.748	ppbv	100
11) Trichlorofluoromethane	1.881	101	353951	18.331	ppbv	98
12) 1,1,2-Trichlorotrifluo...	2.143	101	274788	17.596	ppbv	99
13) Ethanol	1.725	45	6104	9.053	ppbv	93
14) Bromoethene	1.784	108	92580	17.168	ppbv	100
15) Acetone	1.839	43	258359	15.849	ppbv	98
16) 1,3-Butadiene	1.612	39	125992	16.652	ppbv	99
17) tert-Butyl alcohol	2.046	59	294984	15.032	ppbv	99
18) 1,1-Dichloroethene	2.039	96	122232	17.676	ppbv	94
19) Isopropyl Alcohol	1.890	45	143424	15.489	ppbv #	1
20) Methylene Chloride	2.065	84	99720	16.301	ppbv	98
21) Allyl Chloride	2.101	41	199520	17.064	ppbv	98
22) trans-1,2-Dichloroethene	2.347	96	136295	16.682	ppbv	98
23) Vinyl Acetate	2.470	43	111199	10.671	ppbv #	96
24) 1,1-Dichloroethane	2.415	63	259881	17.075	ppbv	99
25) Ethyl Acetate	2.842	43	844997	13.665	ppbv	100
26) Hexane	2.832	57	332811	13.433	ppbv	97
27) Carbon Disulfide	2.156	76	329041	18.202	ppbv	98
28) Methyl tert-Butyl Ether	2.447	73	180119	14.073	ppbv	98
29) Chloroform	2.855	83	462385	13.706	ppbv	100
30) Cyclohexane	3.868	84	265572	13.417	ppbv	96
31) cis-1,2-Dichloroethene	2.729	61	294790	12.771	ppbv	94
32) 1,1,1-Trichloroethane	3.376	97	424691	13.201	ppbv	99
34) 2-Butanone	2.564	43	474558	14.227	ppbv	99
35) Carbon Tetrachloride	3.774	117	447541	15.145	ppbv	98
36) Benzene	3.667	78	632534	14.235	ppbv	98
37) 1,2-Dichloroethane	3.227	62	341830	13.831	ppbv	99
38) Trichloroethene	4.564	130	248010	13.684	ppbv	96
39) 1,2-Dichloropropane	4.328	63	237428	13.990	ppbv	97
40) 1,4-Dioxane	4.599	88	106935	13.947	ppbv #	93
41) Tetrahydrofuran	3.062	42	278545	14.330	ppbv	98
42) Bromodichloromethane	4.502	83	478430	14.332	ppbv #	97
43) Methyl Methacrylate	4.894	69	239012	14.063	ppbv	98
44) 2,2,4-Trimethylpentane	4.654	57	1134444	14.309	ppbv	99
45) t-1,3-Dichloropropene	6.435	75	223719	13.563	ppbv	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL032525\
 Data File : VL042170.D
 Acq On : 25 Mar 2025 12:07
 Operator : SY/MD
 Sample : VSTDIC015
 Misc : 400mL/MSVOA_L
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 03/26/2025
 Supervised By : Mahesh Dadoda 03/26/2025

Quant Time: Mar 26 01:37:12 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL032525AIR.M

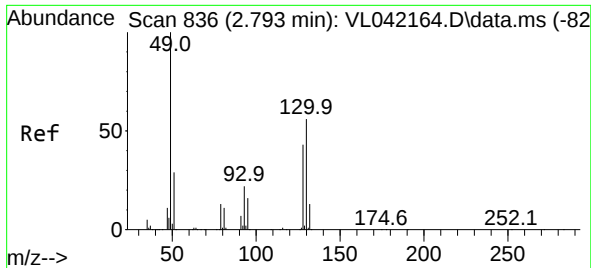
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Wed Mar 26 01:29:19 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.622	75	303294	14.093	ppbv	97
47) 1,1,2-Trichloroethane	6.600	97	251112	14.441	ppbv	96
48) Dibromochloromethane	7.402	129	399831	14.863	ppbv	100
49) Bromoform	9.497	173	358440	15.245	ppbv	100
50) 4-Methyl-2-Pentanone	5.771	43	675442	15.760	ppbv	98
51) 2-Hexanone	7.451	43	548552	18.834	ppbv #	99
52) Tetrachloroethene	8.237	164	215967	14.243	ppbv	97
53) Toluene	6.949	91	702279	14.321	ppbv	97
54) 1,2-Dibromoethane	7.665	107	331861	14.351	ppbv	98
56) 1,1,1,2-Tetrachloroethane	8.937	131	312040	14.366	ppbv	99
57) Chlorobenzene	8.933	112	565846	14.270	ppbv	97
58) Ethyl Benzene	9.367	91	957342	13.978	ppbv	99
59) m/p-Xylene	9.564	91	1603678m	28.837	ppbv	
60) o-Xylene	9.976	91	810012	14.429	ppbv	99
61) Styrene	9.882	104	368848	14.450	ppbv	99
62) Isopropylbenzene	10.548	105	1202954	14.326	ppbv	100
63) 1,1,2,2-Tetrachloroethane	9.972	83	564800	15.123	ppbv	99
64) n-propylbenzene	10.998	120	335373	15.078	ppbv	93
65) tert-Butylbenzene	11.542	119	1109715	14.346	ppbv	99
66) Benzyl Chloride	11.623	91	87909	15.346	ppbv	100
67) sec-Butylbenzene	11.775	105	1580269	14.252	ppbv	99
69) p-Isopropyltoluene	11.934	119	1340848	15.111	ppbv	99
70) n-Butylbenzene	12.290	91	1402137	15.365	ppbv	98
71) 2-Chlorotoluene	10.911	91	925706	14.349	ppbv	100
72) 4-Ethyltoluene	11.134	105	1020577	14.777	ppbv	99
73) 1,3,5-Trimethylbenzene	11.212	105	865245	14.484	ppbv	99
74) 1,2,4-Trimethylbenzene	11.545	105	977736	14.318	ppbv	93
75) 1,3-Dichlorobenzene	11.617	146	613880	15.479	ppbv	100
76) 1,4-Dichlorobenzene	11.681	146	614345	15.597	ppbv	100
77) 1,2-Dichlorobenzene	11.956	146	615892	15.838	ppbv	100
78) Hexachloro-1,3-Butadiene	13.889	225	510779	16.633	ppbv	100
79) Naphthalene	13.523	128	1133432	23.033	ppbv	99
80) Naphthalene,2-methyl-	14.465	142	571632	38.867	ppbv	100
81) 1,2,4-Trichlorobenzene	13.448	180	521984	19.252	ppbv	99

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



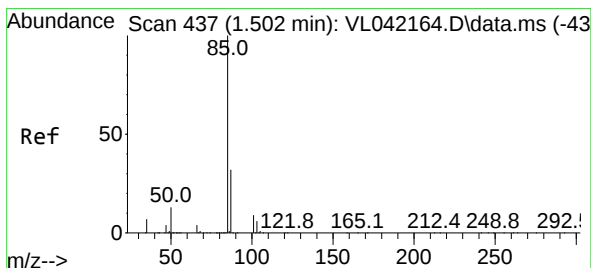
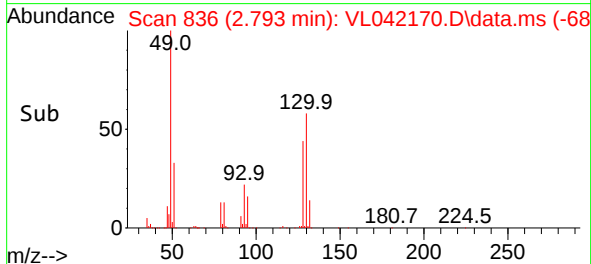
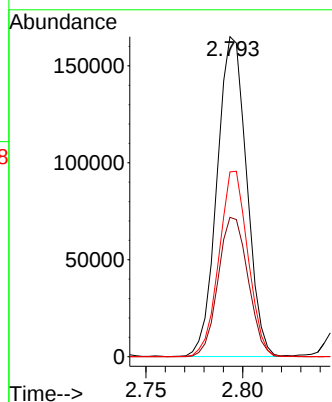
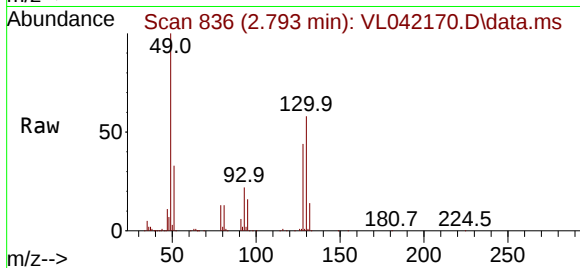
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.793 min Scan# 81
Delta R.T. 0.000 min
Lab File: VL042170.D
Acq: 25 Mar 2025 12:07

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

Tgt Ion: 49 Resp: 17512
Ion Ratio Lower Upper
49 100
128 44.0 21.5 64.5
130 56.7 27.3 81.9

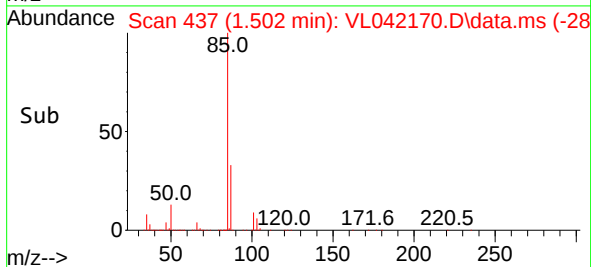
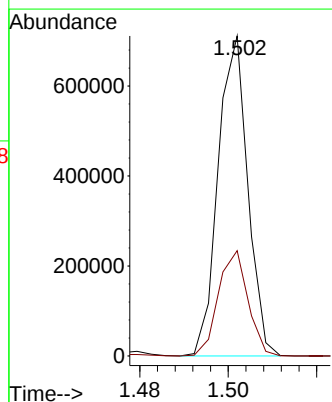
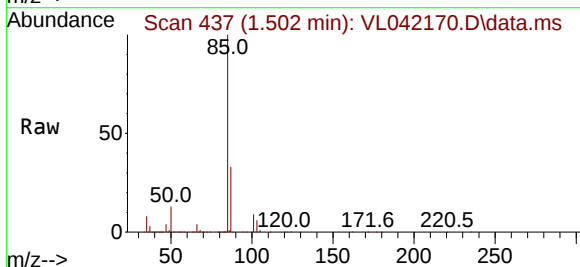
Manual Integrations
APPROVED

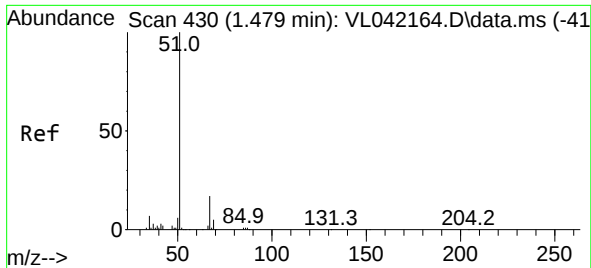
Reviewed By :Semsettin Yesilyurt 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#2
Dichlorodifluoromethane
Concen: 17.125 ppbv
RT: 1.502 min Scan# 437
Delta R.T. 0.000 min
Lab File: VL042170.D
Acq: 25 Mar 2025 12:07

Tgt Ion: 85 Resp: 330969
Ion Ratio Lower Upper
85 100
87 32.9 26.0 39.0





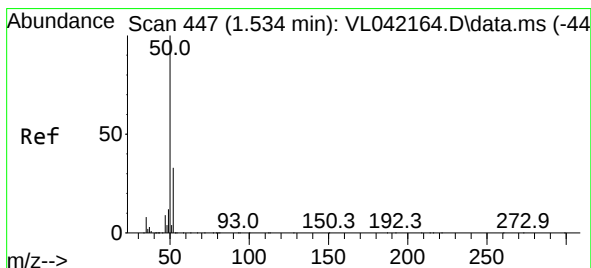
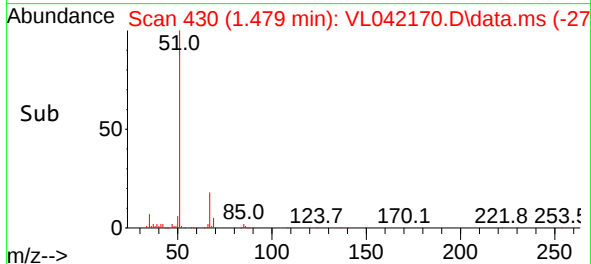
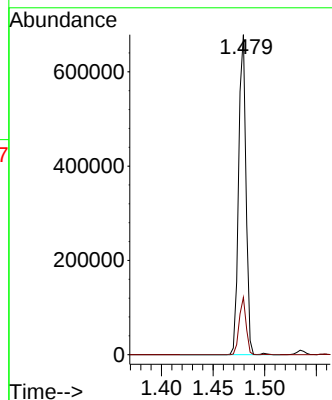
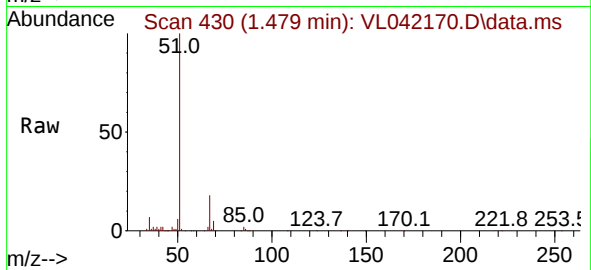
#3
Chlorodifluoromethane
Concen: 13.159 ppbv
RT: 1.479 min Scan# 41
Delta R.T. 0.000 min
Lab File: VL042170.D
Acq: 25 Mar 2025 12:07

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

Tgt Ion: 51 Resp: 33412
Ion Ratio Lower Upper
51 100
67 16.9 13.3 19.9

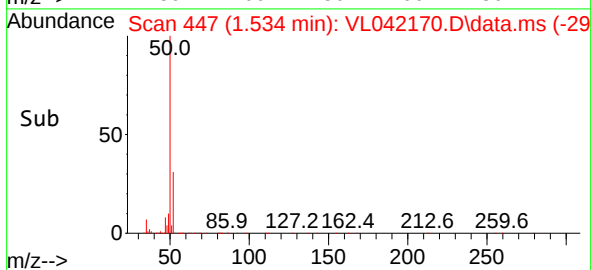
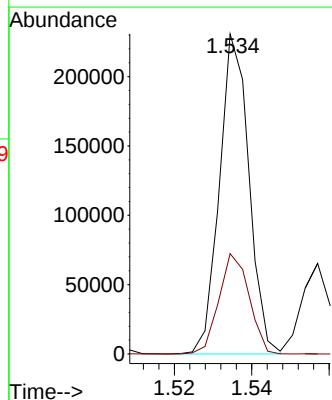
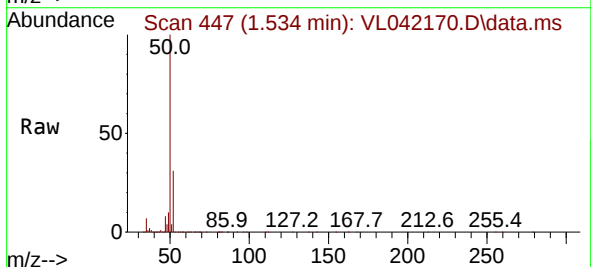
Manual Integrations
APPROVED

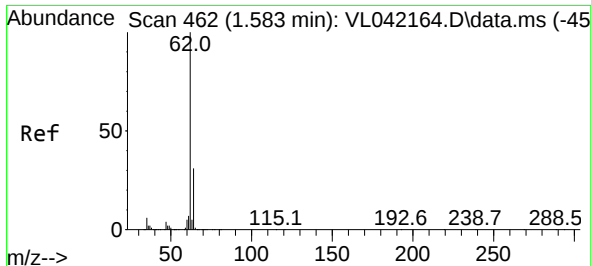
Reviewed By :Semsettin Yesilyurt 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#4
Chloromethane
Concen: 17.173 ppbv
RT: 1.534 min Scan# 447
Delta R.T. 0.000 min
Lab File: VL042170.D
Acq: 25 Mar 2025 12:07

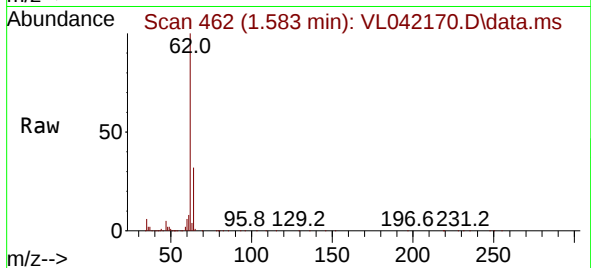
Tgt Ion: 50 Resp: 121840
Ion Ratio Lower Upper
50 100
52 31.4 26.4 39.6





#5
 Vinyl Chloride
 Concen: 17.428 ppbv
 RT: 1.583 min Scan# 462
 Delta R.T. 0.000 min
 Lab File: VL042170.D
 Acq: 25 Mar 2025 12:07

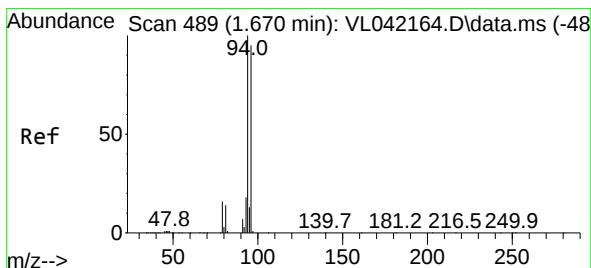
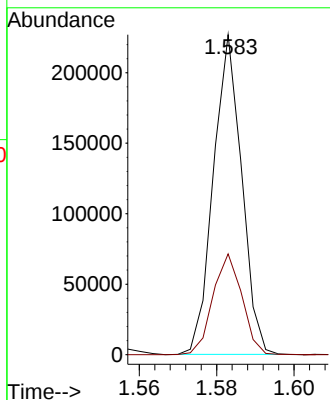
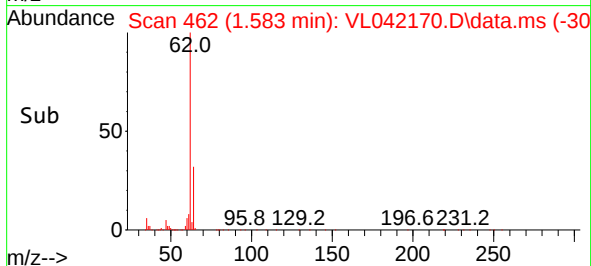
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC015



Tgt Ion: 62 Resp: 11518
 Ion Ratio Lower Upper
 62 100
 64 31.6 24.8 37.2

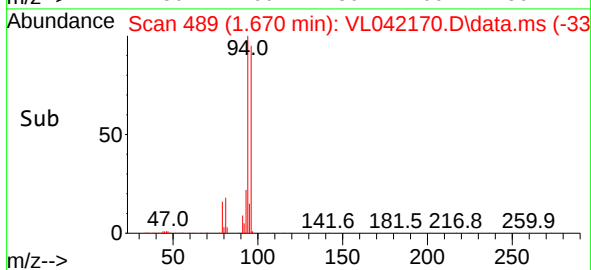
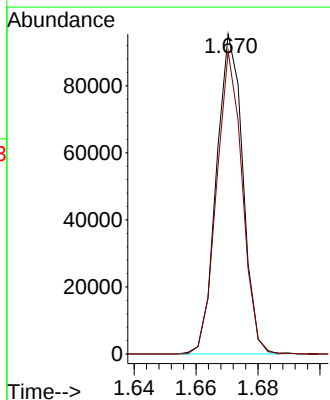
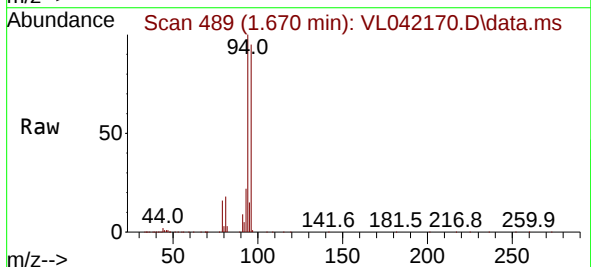
Manual Integrations
 APPROVED

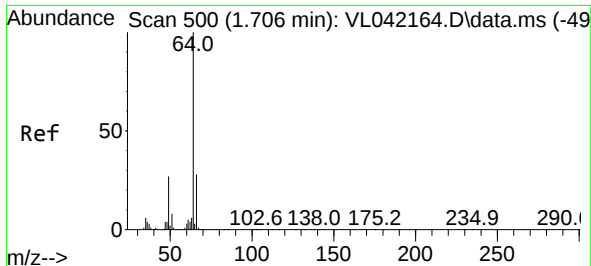
Reviewed By :Semsettin Yesilyurt 03/26/2025
 Supervised By :Mahesh Dadoda 03/26/2025



#6
 Bromomethane
 Concen: 17.486 ppbv
 RT: 1.670 min Scan# 489
 Delta R.T. 0.000 min
 Lab File: VL042170.D
 Acq: 25 Mar 2025 12:07

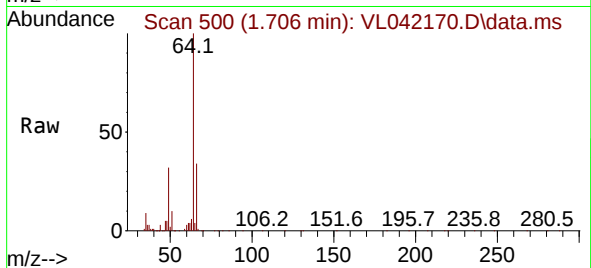
Tgt Ion: 94 Resp: 56219
 Ion Ratio Lower Upper
 94 100
 96 94.6 75.8 113.6





#7
Chloroethane
Concen: 16.760 ppbv
RT: 1.706 min Scan# 500
Delta R.T. 0.000 min
Lab File: VL042170.D
Acq: 25 Mar 2025 12:07

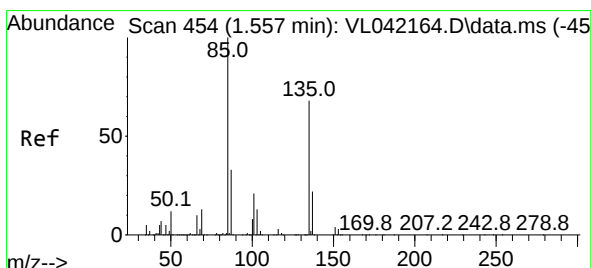
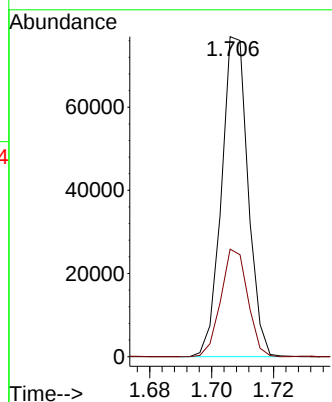
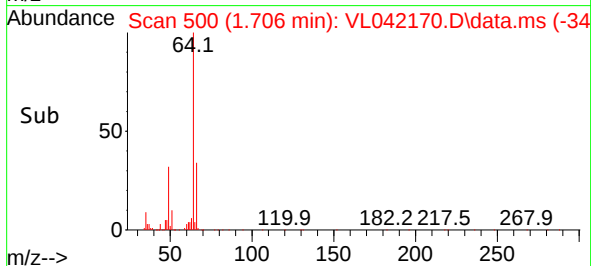
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



Tgt Ion: 64 Resp: 45835
Ion Ratio Lower Upper
64 100
66 33.6 22.2 33.4

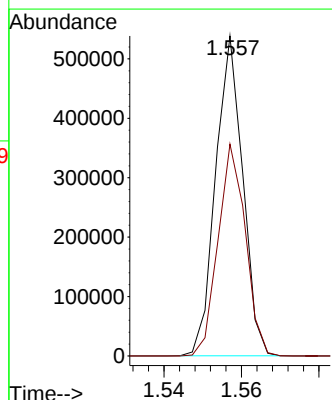
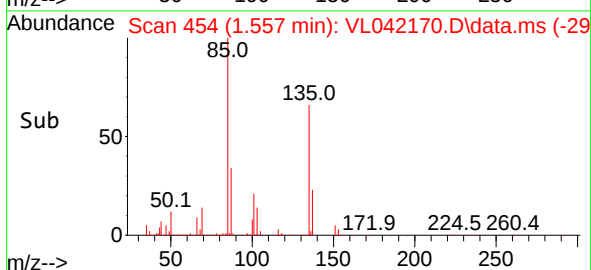
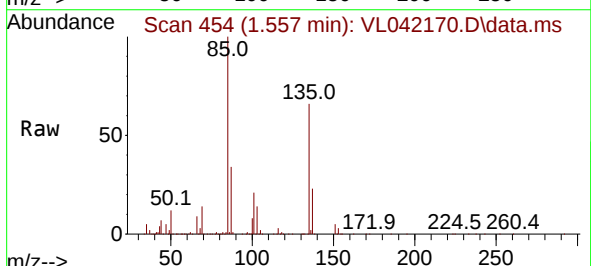
Manual Integrations
APPROVED

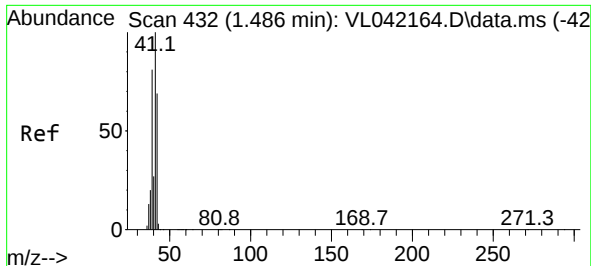
Reviewed By :Semsettin Yesilyurt 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#8
Dichlorotetrafluoroethane
Concen: 16.663 ppbv
RT: 1.557 min Scan# 454
Delta R.T. 0.000 min
Lab File: VL042170.D
Acq: 25 Mar 2025 12:07

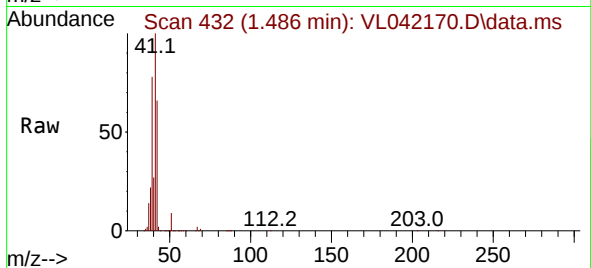
Tgt Ion: 85 Resp: 261743
Ion Ratio Lower Upper
85 100
135 66.8 54.3 81.5





#9
 Propene
 Concen: 13.795 ppbv
 RT: 1.486 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VL042170.D
 Acq: 25 Mar 2025 12:07

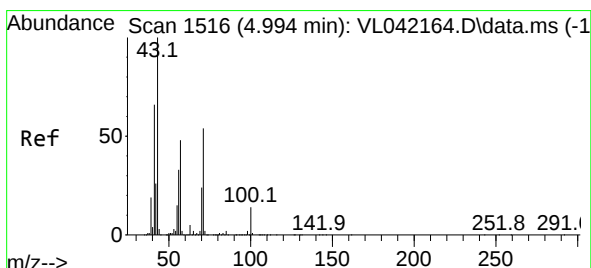
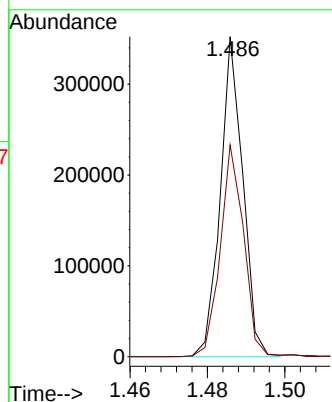
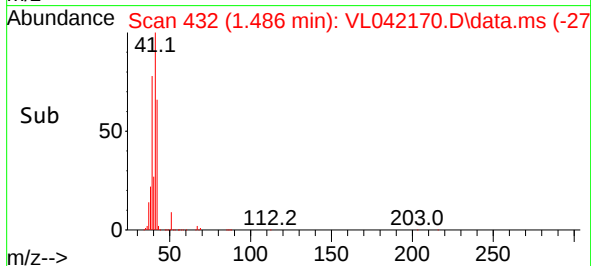
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015



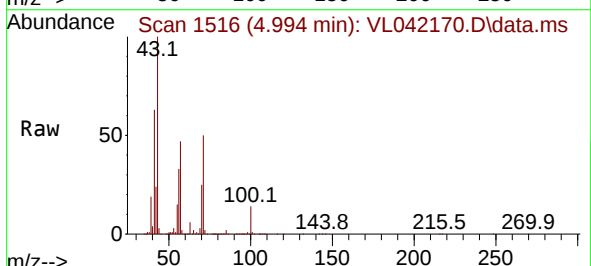
Tgt Ion: 41 Resp: 142186
 Ion Ratio Lower Upper
 41 100
 42 69.2 55.9 83.9

Manual Integrations
 APPROVED

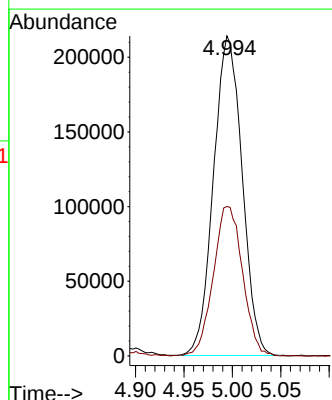
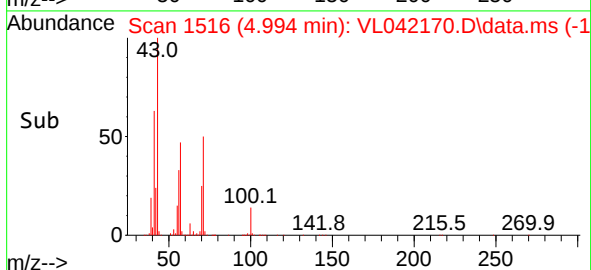
Reviewed By :Semsettin Yesilyurt 03/26/2025
 Supervised By :Mahesh Dadoda 03/26/2025

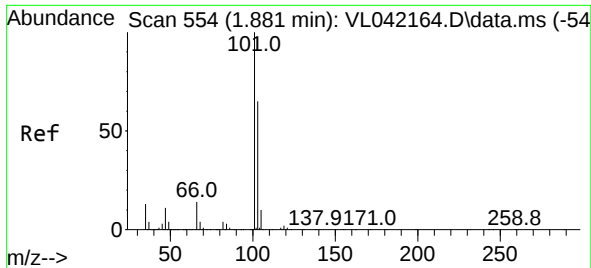


#10
 Heptane
 Concen: 13.748 ppbv
 RT: 4.994 min Scan# 1516
 Delta R.T. 0.000 min
 Lab File: VL042170.D
 Acq: 25 Mar 2025 12:07



Tgt Ion: 43 Resp: 440086
 Ion Ratio Lower Upper
 43 100
 57 47.9 38.3 57.5





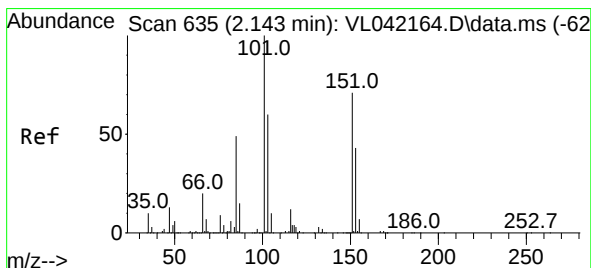
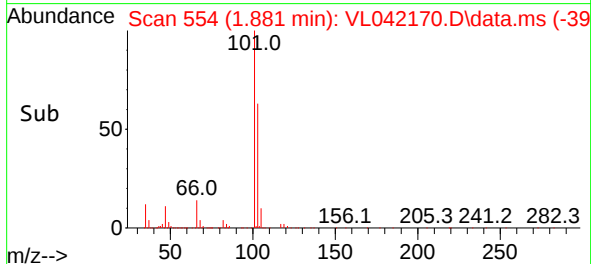
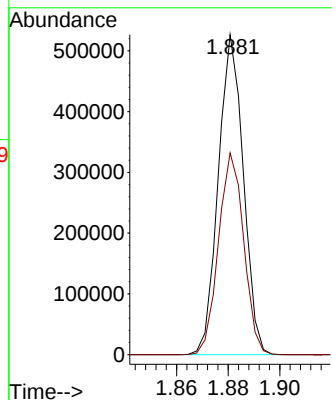
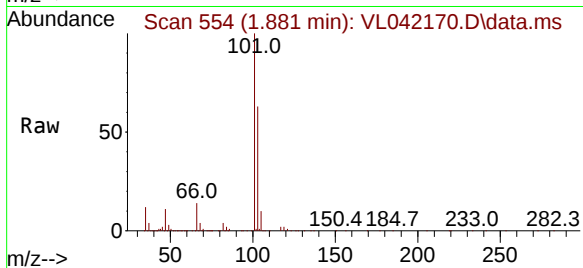
#11
 Trichlorofluoromethane
 Concen: 18.331 ppbv
 RT: 1.881 min Scan# 511
 Delta R.T. 0.000 min
 Lab File: VL042170.D
 Acq: 25 Mar 2025 12:07

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015

Tgt Ion:101 Resp: 35395
 Ion Ratio Lower Upper
 101 100
 103 63.1 51.9 77.9

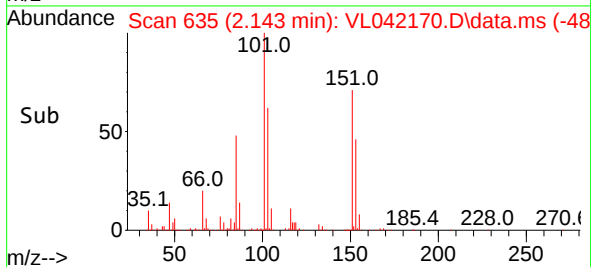
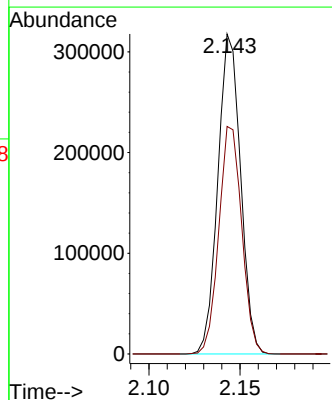
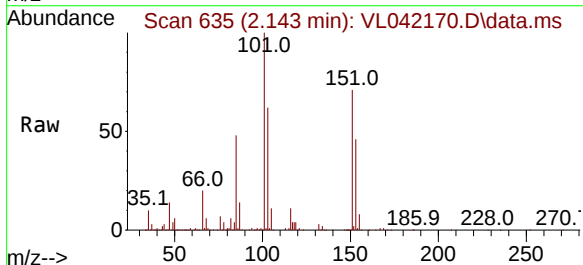
Manual Integrations
 APPROVED

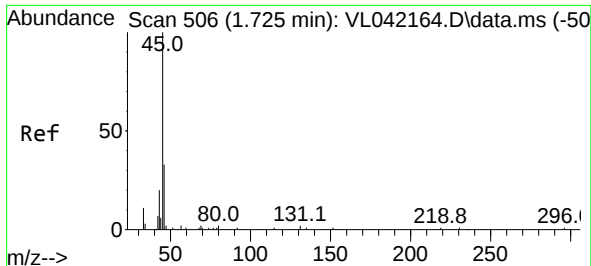
Reviewed By :Semsettin Yesilyurt 03/26/2025
 Supervised By :Mahesh Dadoda 03/26/2025



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 17.596 ppbv
 RT: 2.143 min Scan# 635
 Delta R.T. 0.000 min
 Lab File: VL042170.D
 Acq: 25 Mar 2025 12:07

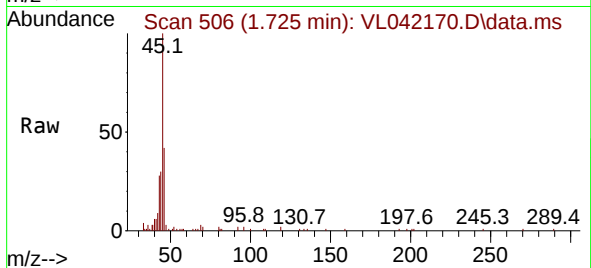
Tgt Ion:101 Resp: 274788
 Ion Ratio Lower Upper
 101 100
 151 71.7 57.0 85.4





#13
Ethanol
Concen: 9.053 ppbv
RT: 1.725 min Scan# 506
Delta R.T. 0.000 min
Lab File: VL042170.D
Acq: 25 Mar 2025 12:07

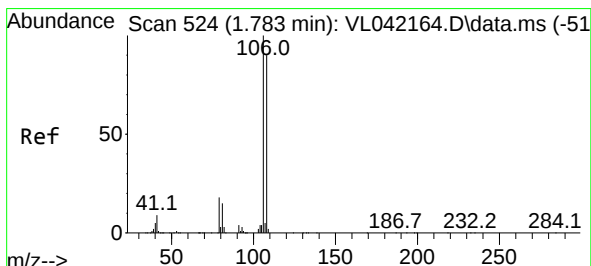
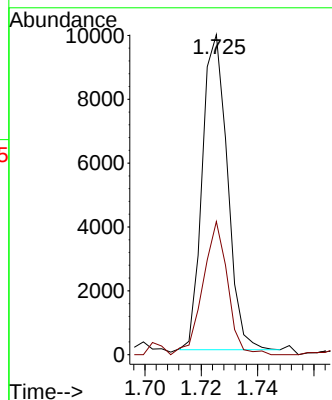
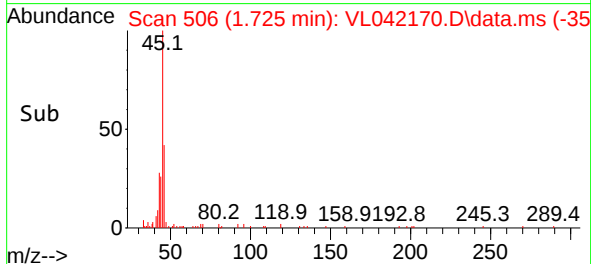
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



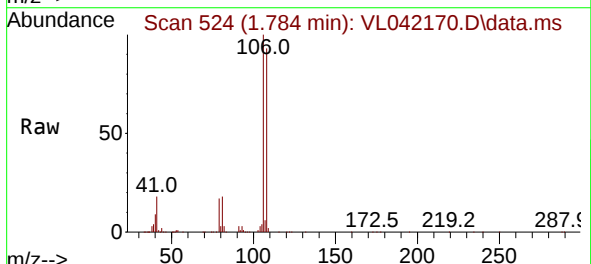
Tgt Ion: 45 Resp: 6104
Ion Ratio Lower Upper
45 100
46 44.8 16.3 65.1

Manual Integrations
APPROVED

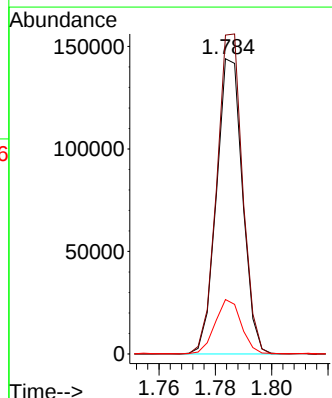
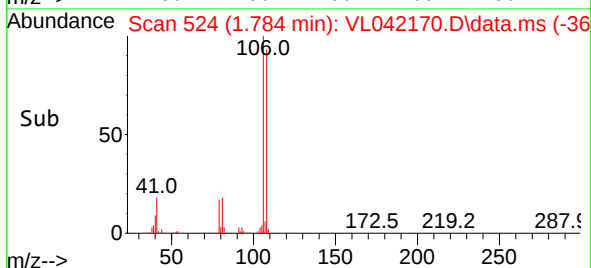
Reviewed By :Semsettin Yesilyurt 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025

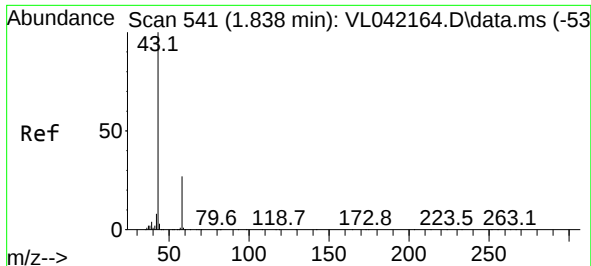


#14
Bromoethene
Concen: 17.168 ppbv
RT: 1.784 min Scan# 524
Delta R.T. 0.000 min
Lab File: VL042170.D
Acq: 25 Mar 2025 12:07



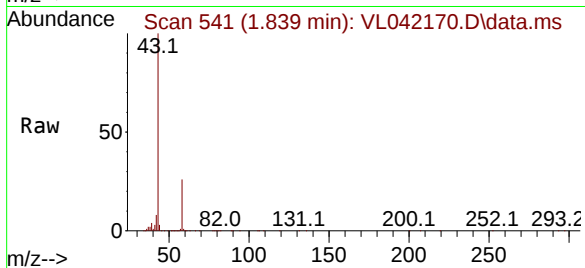
Tgt Ion:108 Resp: 92580
Ion Ratio Lower Upper
108 100
106 107.5 85.8 128.8
79 19.0 15.5 23.3





#15
Acetone
Concen: 15.849 ppbv
RT: 1.839 min Scan# 541
Delta R.T. 0.000 min
Lab File: VL042170.D
Acq: 25 Mar 2025 12:07

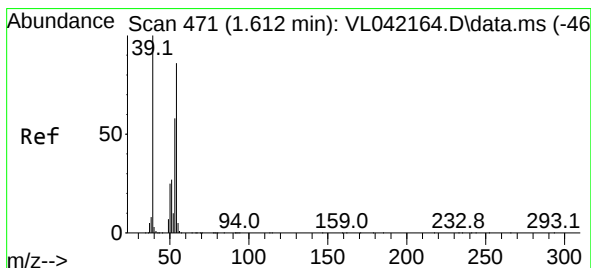
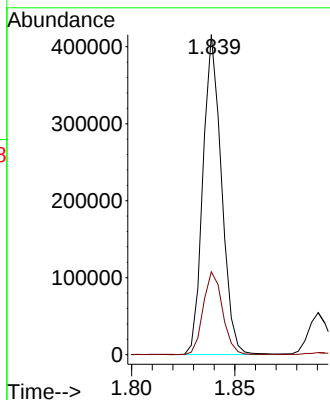
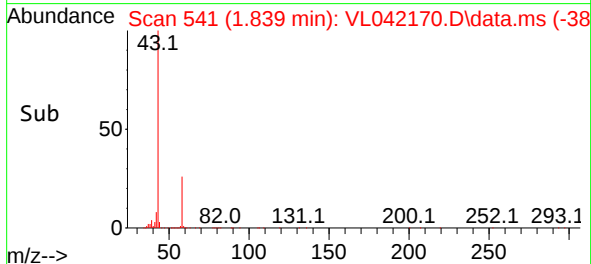
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015



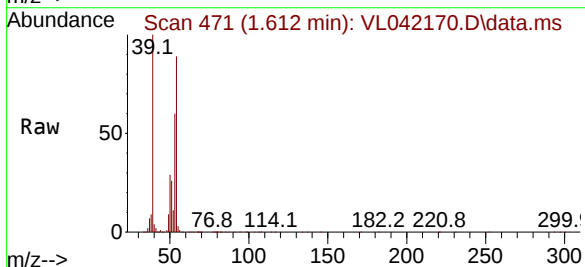
Tgt Ion: 43 Resp: 258359
Ion Ratio Lower Upper
43 100
58 27.2 20.9 31.3

Manual Integrations
APPROVED

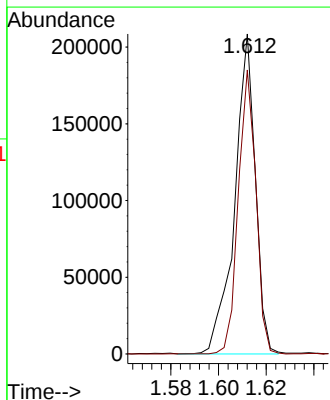
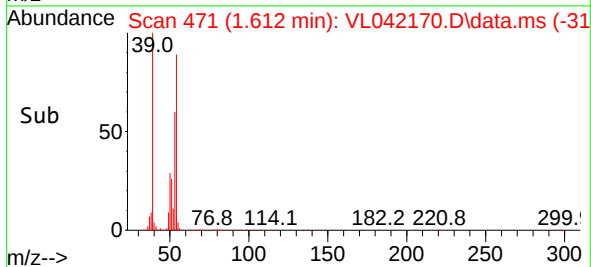
Reviewed By :Semsettin Yesilyurt 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025

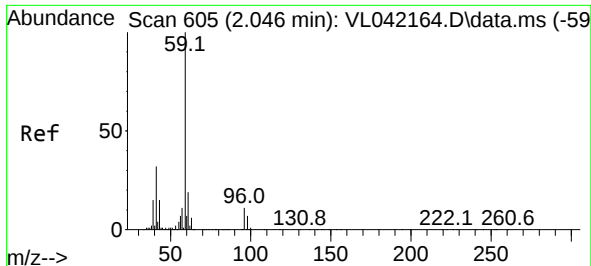


#16
1,3-Butadiene
Concen: 16.652 ppbv
RT: 1.612 min Scan# 471
Delta R.T. 0.000 min
Lab File: VL042170.D
Acq: 25 Mar 2025 12:07



Tgt Ion: 39 Resp: 125992
Ion Ratio Lower Upper
39 100
54 75.7 60.0 90.0





#17

tert-Butyl alcohol

Concen: 15.032 ppbv

RT: 2.046 min Scan# 605

Delta R.T. 0.000 min

Lab File: VL042170.D

Acq: 25 Mar 2025 12:07

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC015

Tgt Ion: 59 Resp: 294984

Ion Ratio Lower Upper

59 100

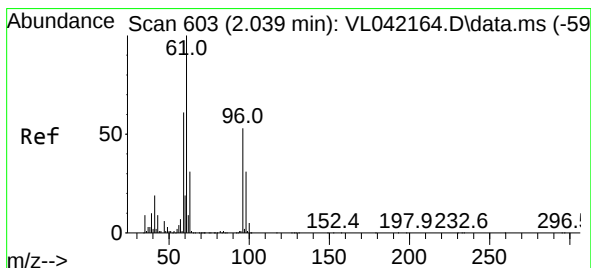
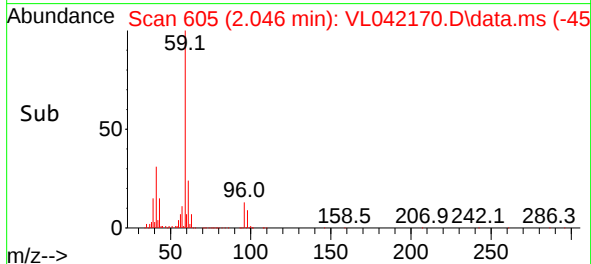
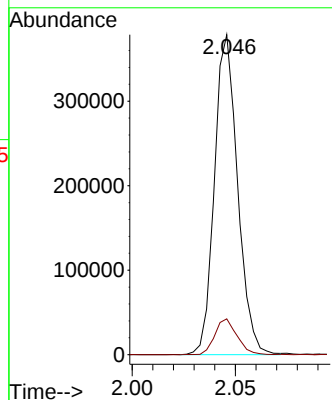
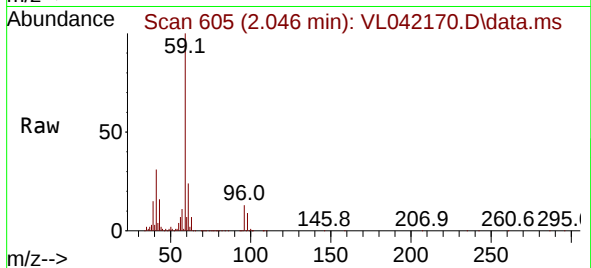
57 10.8 8.9 13.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/26/2025

Supervised By :Mahesh Dadoda 03/26/2025



#18

1,1-Dichloroethene

Concen: 17.676 ppbv

RT: 2.039 min Scan# 603

Delta R.T. 0.000 min

Lab File: VL042170.D

Acq: 25 Mar 2025 12:07

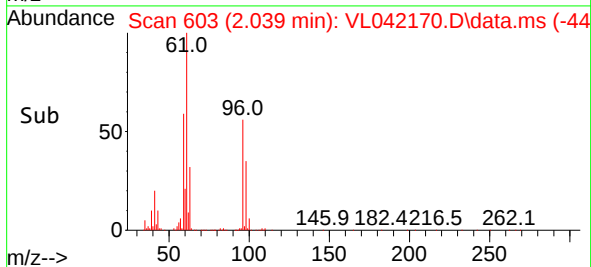
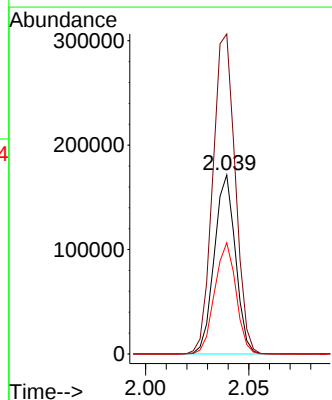
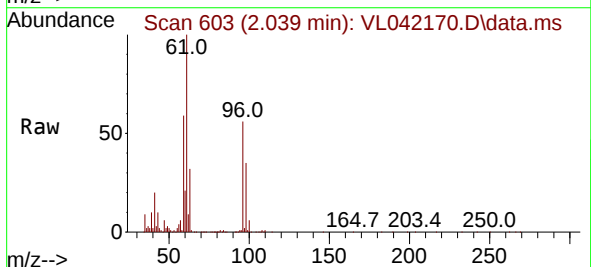
Tgt Ion: 96 Resp: 122232

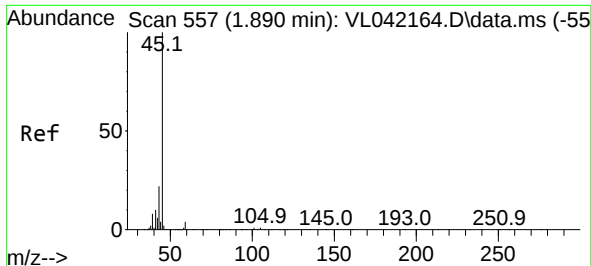
Ion Ratio Lower Upper

96 100

61 178.8 150.0 225.0

98 62.1 45.7 68.5





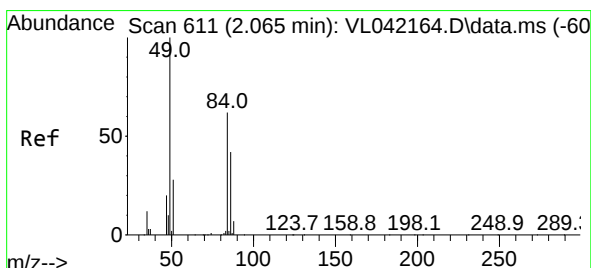
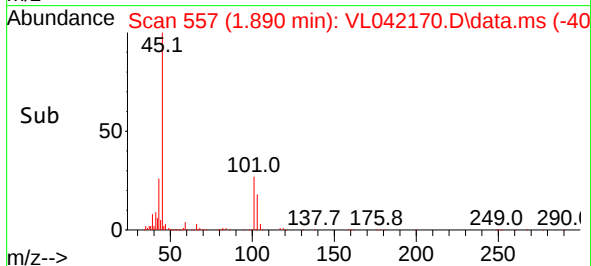
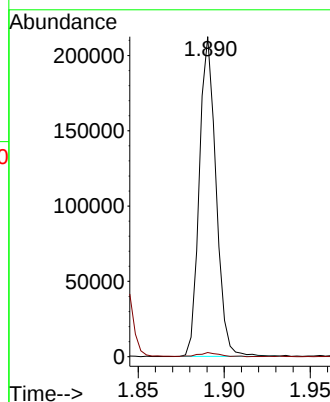
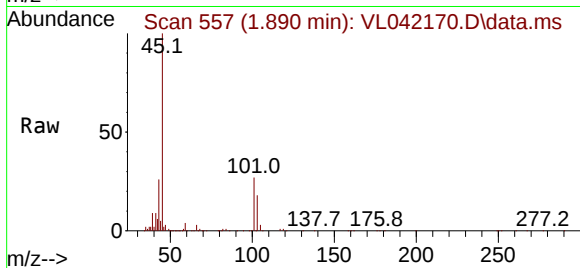
#19
Isopropyl Alcohol
Concen: 15.489 ppbv
RT: 1.890 min Scan# 557
Delta R.T. 0.000 min
Lab File: VL042170.D
Acq: 25 Mar 2025 12:07

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

Tgt Ion: 45 Resp: 143424
Ion Ratio Lower Upper
45 100
58 49.0 1.8 2.8

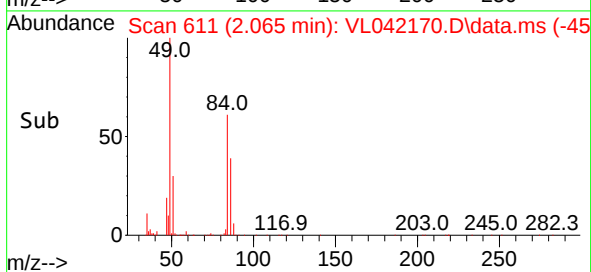
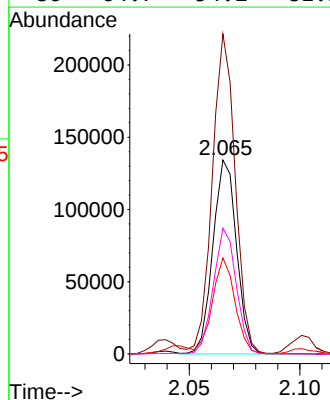
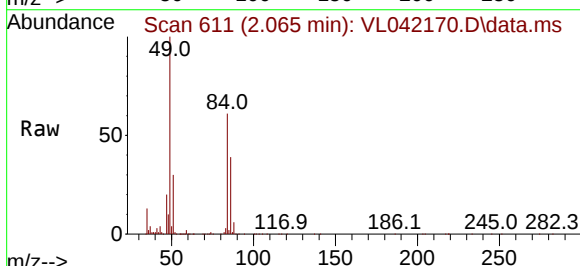
Manual Integrations
APPROVED

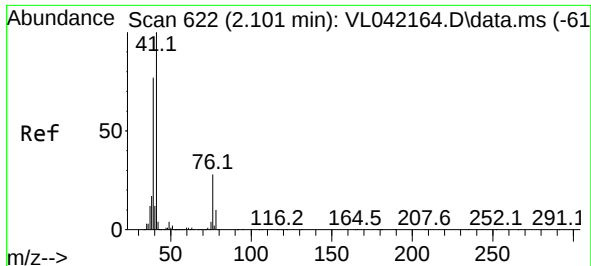
Reviewed By :Semsettin Yesilyurt 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#20
Methylene Chloride
Concen: 16.301 ppbv
RT: 2.065 min Scan# 611
Delta R.T. 0.000 min
Lab File: VL042170.D
Acq: 25 Mar 2025 12:07

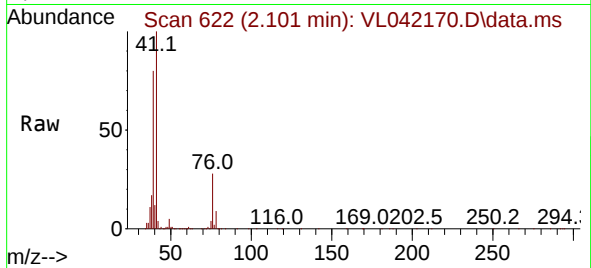
Tgt Ion: 84 Resp: 99720
Ion Ratio Lower Upper
84 100
49 163.9 129.4 194.0
51 49.3 38.2 57.2
86 64.7 54.2 81.2





#21
 Allyl Chloride
 Concen: 17.064 ppbv
 RT: 2.101 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VL042170.D
 Acq: 25 Mar 2025 12:07

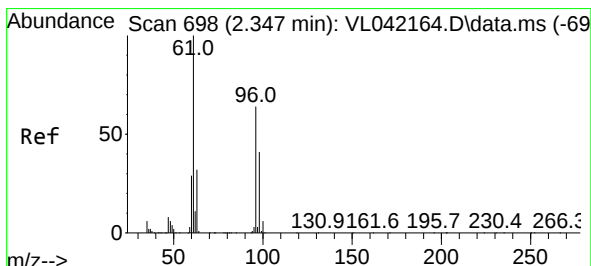
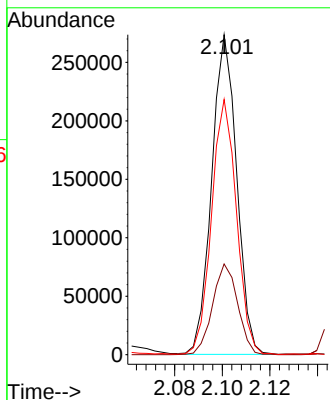
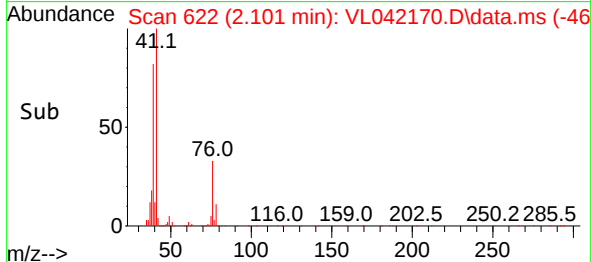
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015



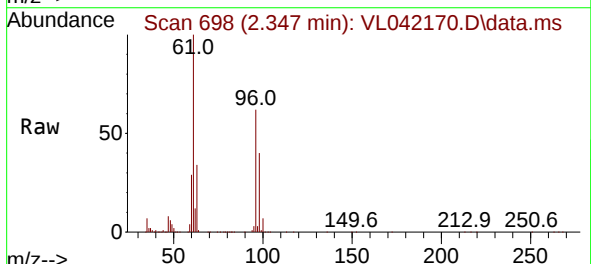
Tgt Ion: 41 Resp: 199520
 Ion Ratio Lower Upper
 41 100
 76 28.5 22.2 33.4
 39 79.1 61.4 92.2

Manual Integrations
 APPROVED

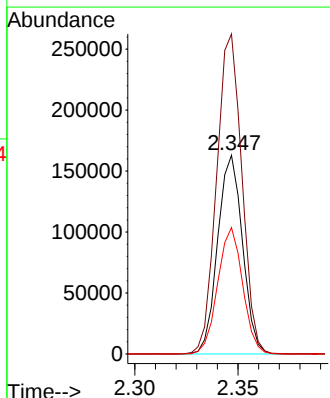
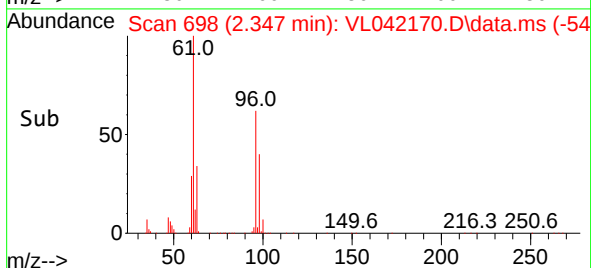
Reviewed By :Semsettin Yesilyurt 03/26/2025
 Supervised By :Mahesh Dadoda 03/26/2025

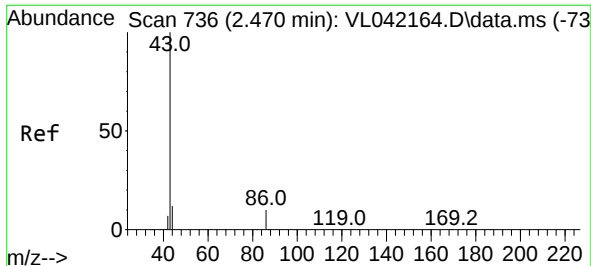


#22
 trans-1,2-Dichloroethene
 Concen: 16.682 ppbv
 RT: 2.347 min Scan# 698
 Delta R.T. 0.000 min
 Lab File: VL042170.D
 Acq: 25 Mar 2025 12:07



Tgt Ion: 96 Resp: 136295
 Ion Ratio Lower Upper
 96 100
 61 161.1 125.8 188.8
 98 63.6 51.4 77.2





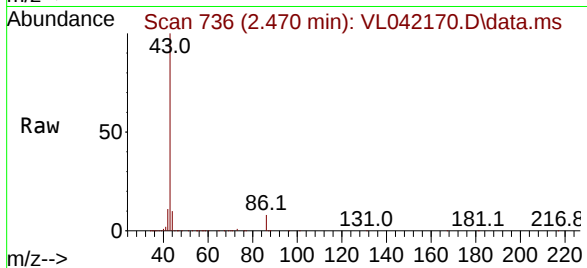
#23
 Vinyl Acetate
 Concen: 10.671 ppbv
 RT: 2.470 min Scan# 719
 Delta R.T. 0.000 min
 Lab File: VL042170.D
 Acq: 25 Mar 2025 12:07

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015

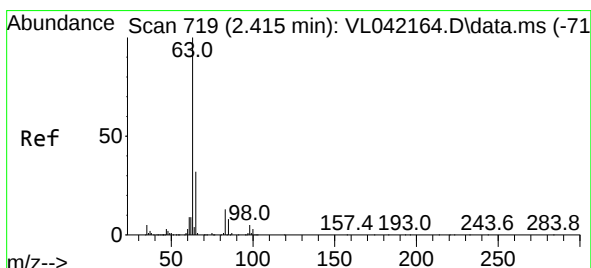
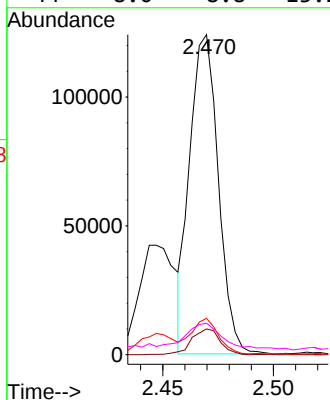
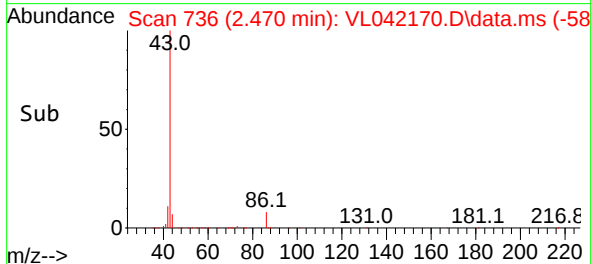


Tgt Ion: 43 Resp: 111199
 Ion Ratio Lower Upper
 43 100
 86 8.1 6.7 10.1
 42 11.1 8.5 12.7
 44 8.0 8.8 13.2#

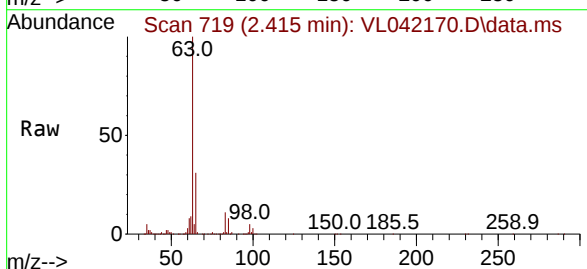
Manual Integrations

APPROVED

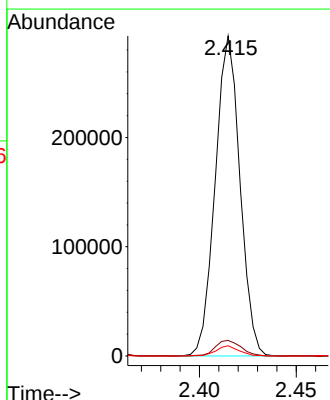
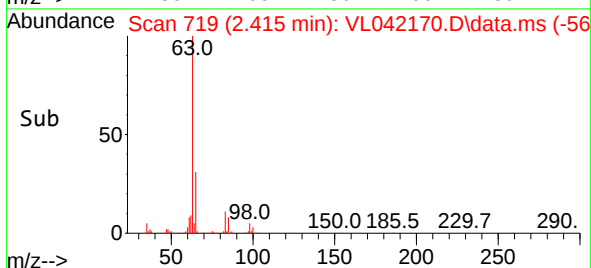
Reviewed By :Semsettin Yesilyurt 03/26/2025
 Supervised By :Mahesh Dadoda 03/26/2025

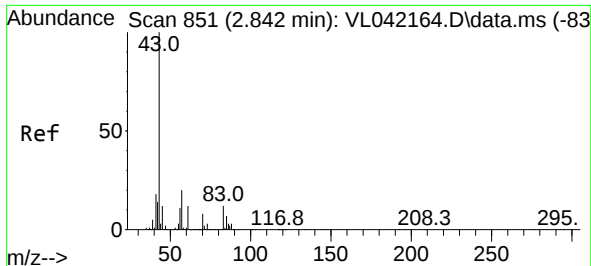


#24
 1,1-Dichloroethane
 Concen: 17.075 ppbv
 RT: 2.415 min Scan# 719
 Delta R.T. 0.000 min
 Lab File: VL042170.D
 Acq: 25 Mar 2025 12:07



Tgt Ion: 63 Resp: 259881
 Ion Ratio Lower Upper
 63 100
 98 4.9 2.6 7.8
 100 3.2 1.4 4.0





#25

Ethyl Acetate

Concen: 13.665 ppbv

RT: 2.842 min Scan# 851

Delta R.T. 0.000 min

Lab File: VL042170.D

Acq: 25 Mar 2025 12:07

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC015

Tgt Ion: 43 Resp: 84499

Ion Ratio Lower Upper

43 100

45 10.5 8.4 12.6

61 9.3 7.3 10.9

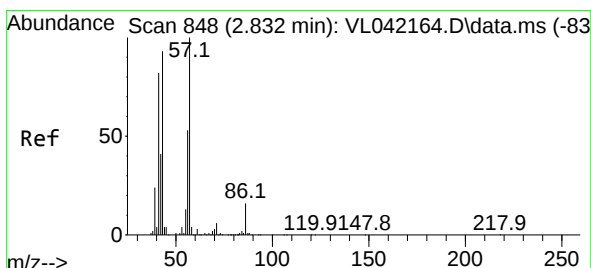
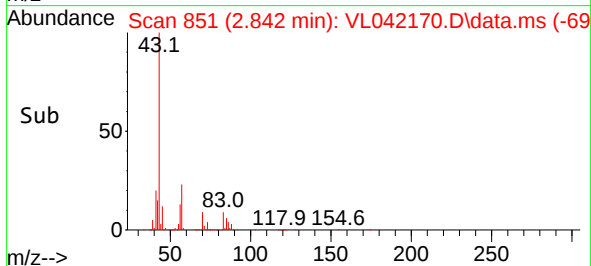
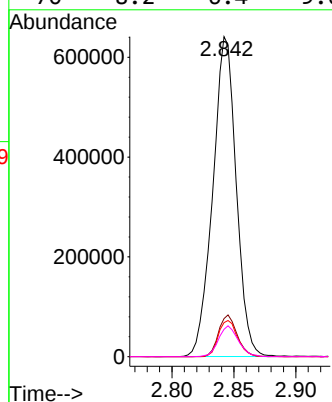
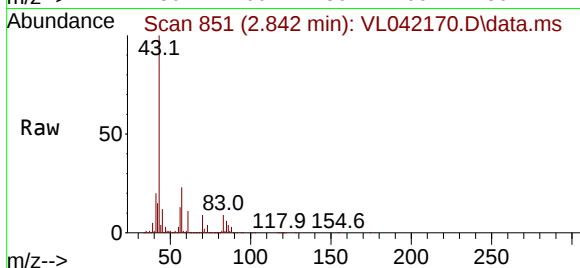
70 8.2 6.4 9.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/26/2025

Supervised By :Mahesh Dadoda 03/26/2025



#26

Hexane

Concen: 13.433 ppbv

RT: 2.832 min Scan# 848

Delta R.T. 0.000 min

Lab File: VL042170.D

Acq: 25 Mar 2025 12:07

Tgt Ion: 57 Resp: 332811

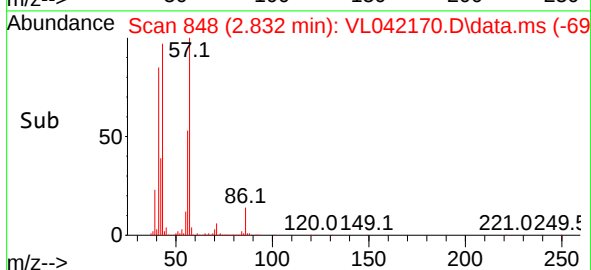
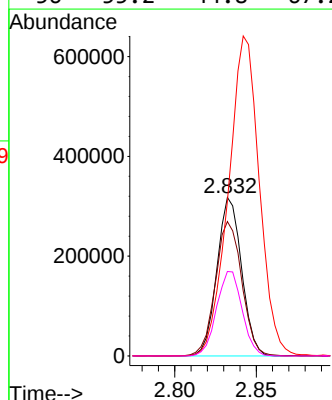
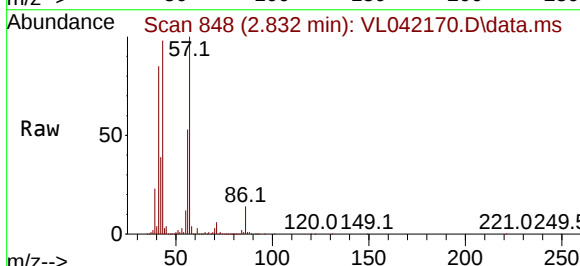
Ion Ratio Lower Upper

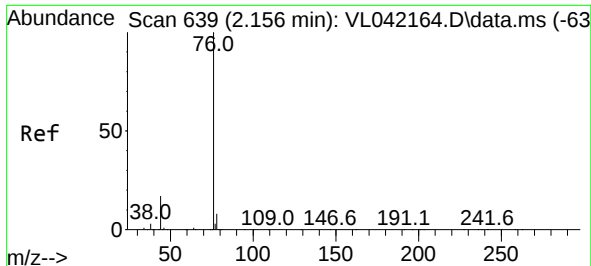
57 100

41 91.7 73.9 110.9

43 254.3 210.0 315.0

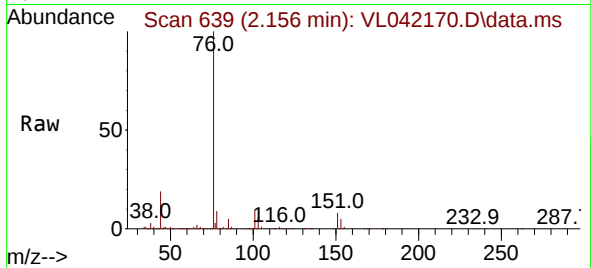
56 55.2 44.8 67.2





#27
Carbon Disulfide
Concen: 18.202 ppbv
RT: 2.156 min Scan# 639
Delta R.T. 0.000 min
Lab File: VL042170.D
Acq: 25 Mar 2025 12:07

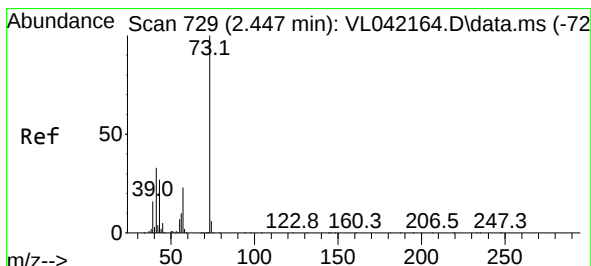
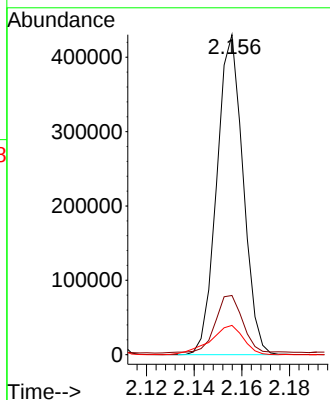
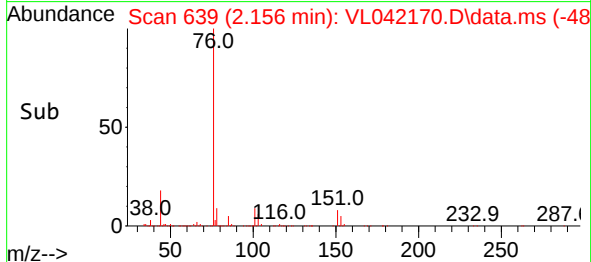
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



Tgt Ion: 76 Resp: 32904
Ion Ratio Lower Upper
76 100
44 19.6 17.0 25.4
78 11.6 9.0 13.6

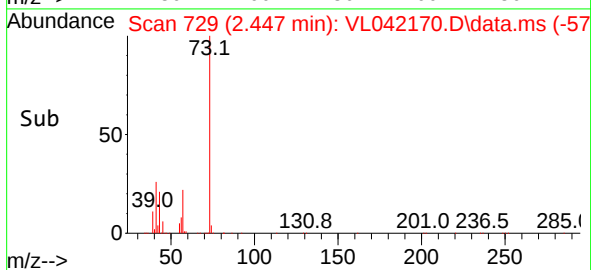
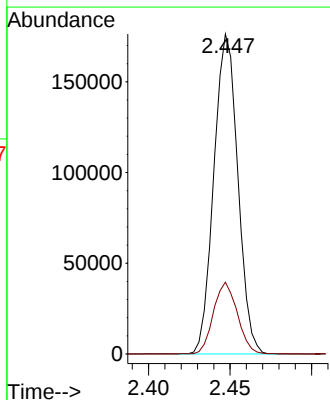
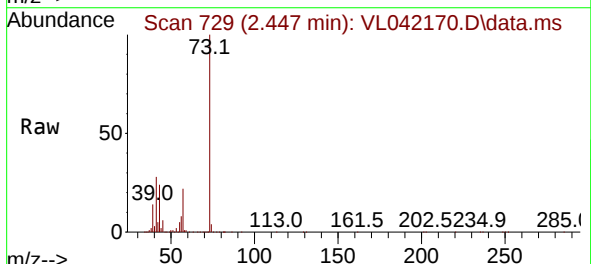
Manual Integrations
APPROVED

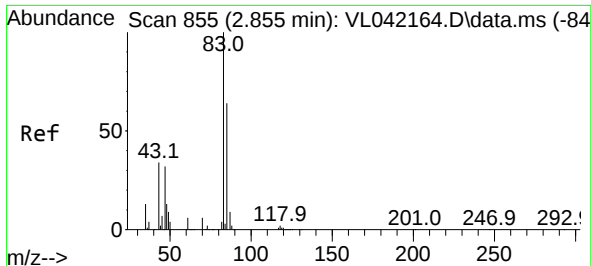
Reviewed By :Semsettin Yesilyurt 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#28
Methyl tert-Butyl Ether
Concen: 14.073 ppbv
RT: 2.447 min Scan# 729
Delta R.T. 0.000 min
Lab File: VL042170.D
Acq: 25 Mar 2025 12:07

Tgt Ion: 73 Resp: 180119
Ion Ratio Lower Upper
73 100
57 22.5 18.6 28.0





#29

Chloroform

Concen: 13.706 ppbv

RT: 2.855 min Scan# 855

Delta R.T. 0.000 min

Lab File: VL042170.D

Acq: 25 Mar 2025 12:07

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC015

Tgt Ion: 83 Resp: 46238

Ion Ratio Lower Upper

83 100

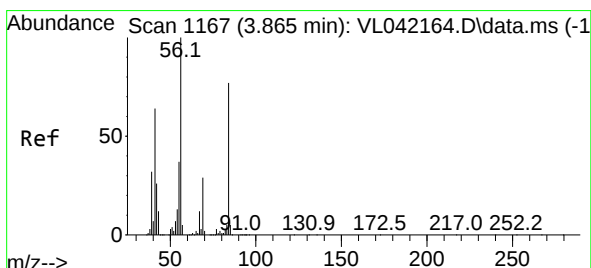
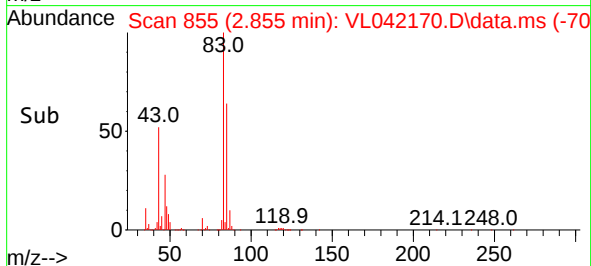
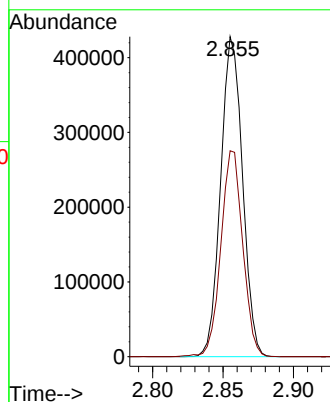
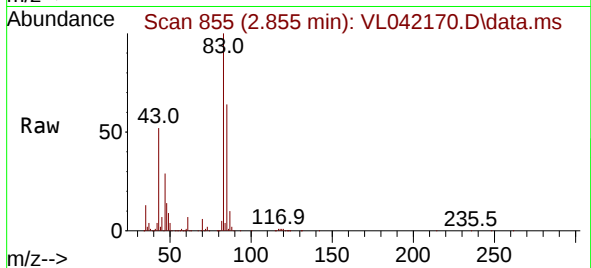
85 64.3 51.4 77.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/26/2025

Supervised By :Mahesh Dadoda 03/26/2025



#30

Cyclohexane

Concen: 13.417 ppbv

RT: 3.868 min Scan# 1168

Delta R.T. 0.003 min

Lab File: VL042170.D

Acq: 25 Mar 2025 12:07

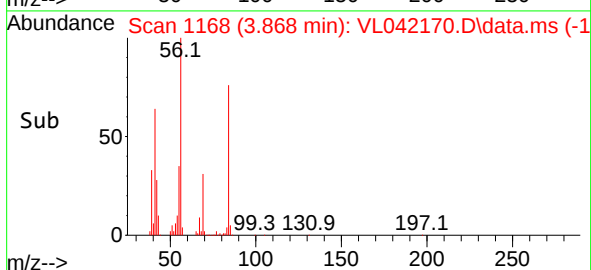
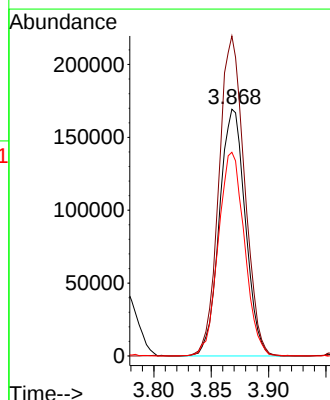
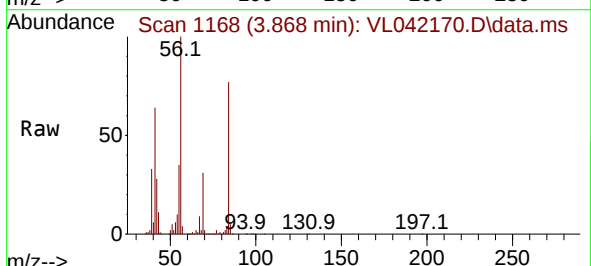
Tgt Ion: 84 Resp: 265572

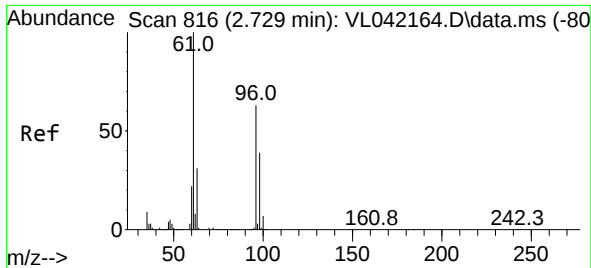
Ion Ratio Lower Upper

84 100

56 128.2 107.0 160.6

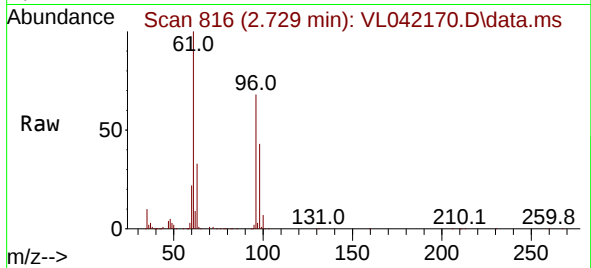
41 83.7 69.9 104.9





#31
 cis-1,2-Dichloroethene
 Concen: 12.771 ppbv
 RT: 2.729 min Scan# 816
 Delta R.T. 0.000 min
 Lab File: VL042170.D
 Acq: 25 Mar 2025 12:07

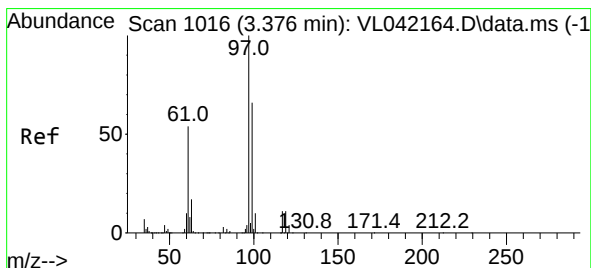
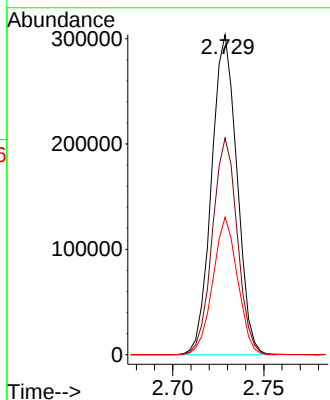
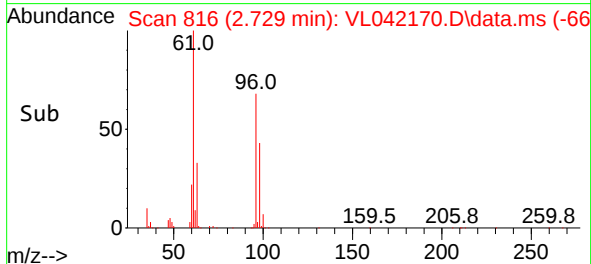
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015



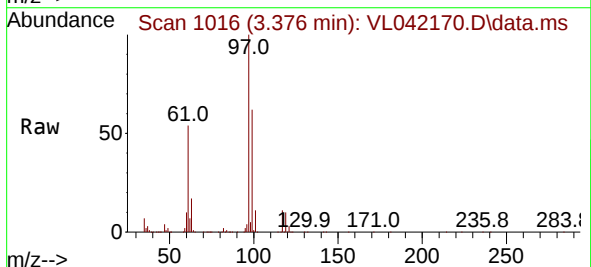
Tgt Ion: 61 Resp: 294790
 Ion Ratio Lower Upper
 61 100
 96 67.6 50.7 76.1
 98 42.9 31.4 47.0

Manual Integrations
 APPROVED

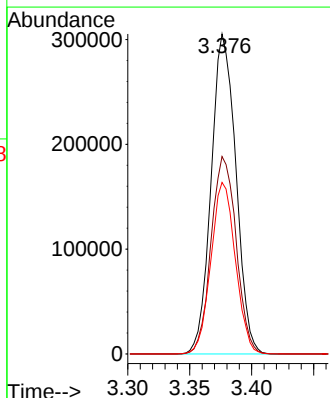
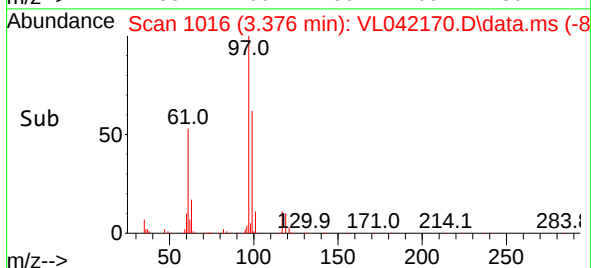
Reviewed By :Semsettin Yesilyurt 03/26/2025
 Supervised By :Mahesh Dadoda 03/26/2025

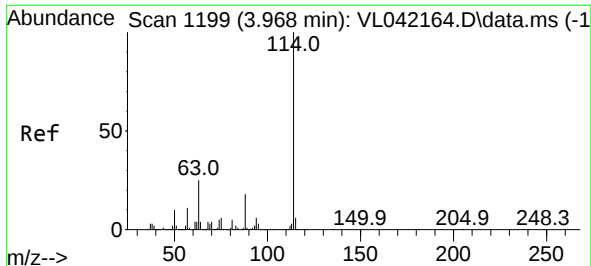


#32
 1,1,1-Trichloroethane
 Concen: 13.201 ppbv
 RT: 3.376 min Scan# 1016
 Delta R.T. 0.000 min
 Lab File: VL042170.D
 Acq: 25 Mar 2025 12:07



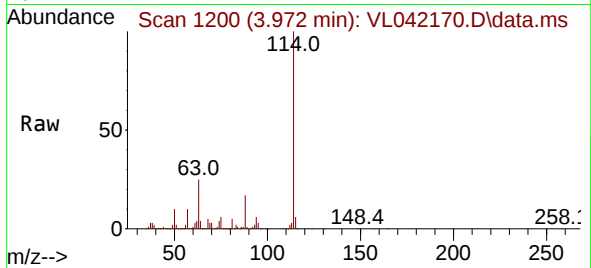
Tgt Ion: 97 Resp: 424691
 Ion Ratio Lower Upper
 97 100
 99 62.6 50.6 75.8
 61 53.1 42.1 63.1





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.972 min Scan# 1199
Delta R.T. 0.003 min
Lab File: VL042170.D
Acq: 25 Mar 2025 12:07

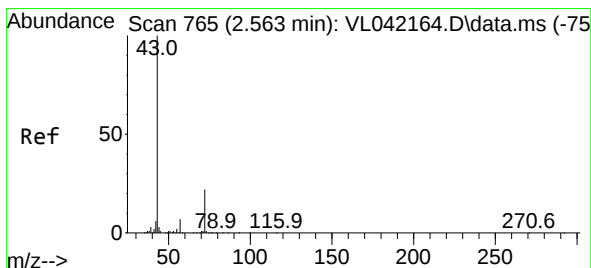
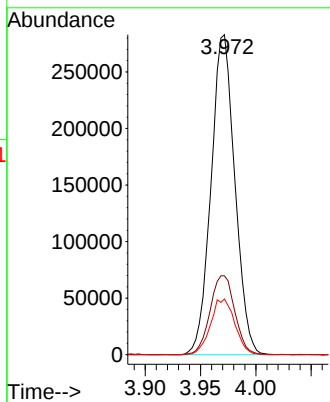
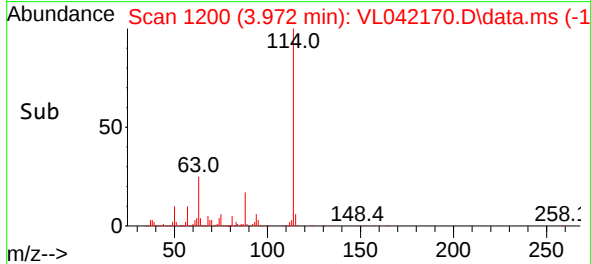
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



Tgt Ion:114 Resp: 423589
Ion Ratio Lower Upper
114 100
63 25.8 20.1 30.1
88 17.8 14.2 21.2

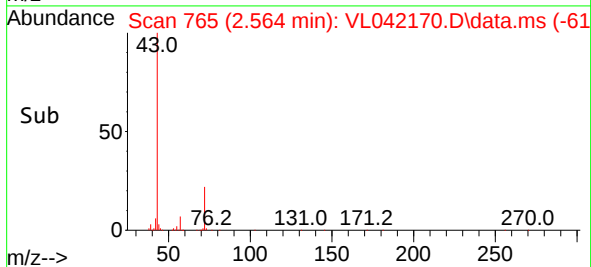
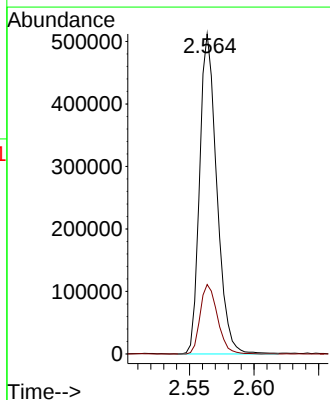
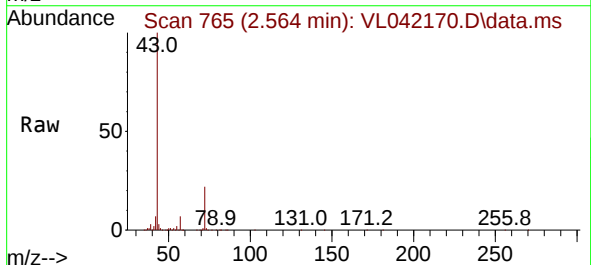
Manual Integrations
APPROVED

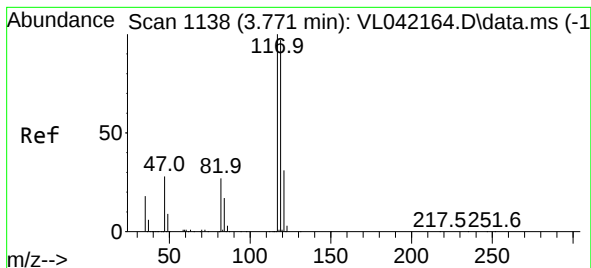
Reviewed By :Semsettin Yesilyurt 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#34
2-Butanone
Concen: 14.227 ppbv
RT: 2.564 min Scan# 765
Delta R.T. 0.000 min
Lab File: VL042170.D
Acq: 25 Mar 2025 12:07

Tgt Ion: 43 Resp: 474558
Ion Ratio Lower Upper
43 100
72 22.0 17.2 25.8





#35

Carbon Tetrachloride

Concen: 15.145 ppbv

RT: 3.774 min Scan# 1138

Delta R.T. 0.003 min

Lab File: VL042170.D

Acq: 25 Mar 2025 12:07

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015

Tgt Ion:117 Resp: 44754

Ion Ratio Lower Upper

117 100

119 94.5 77.5 116.3

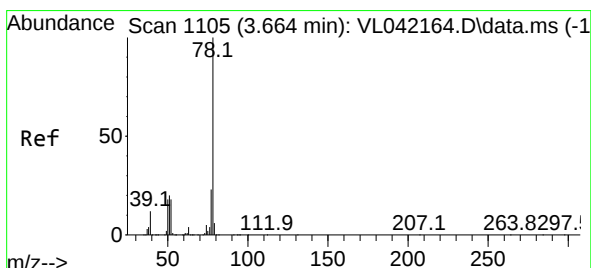
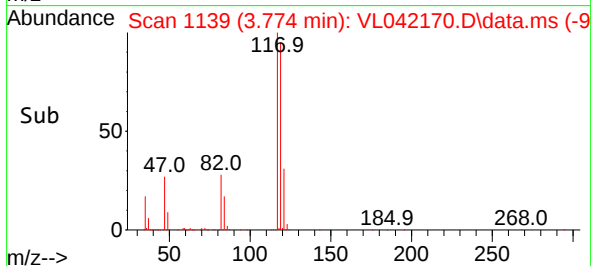
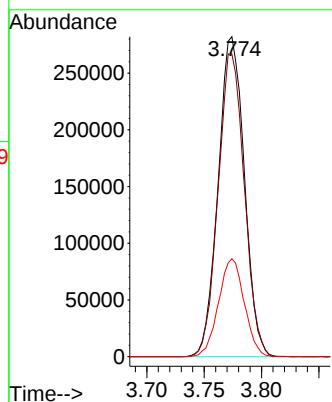
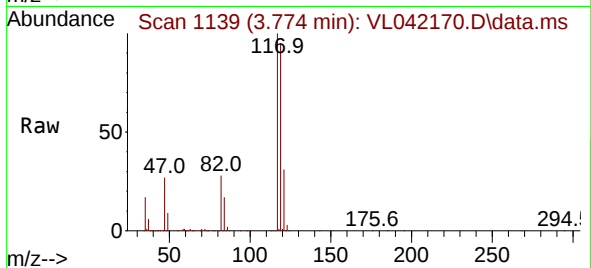
121 30.6 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/26/2025

Supervised By :Mahesh Dadoda 03/26/2025



#36

Benzene

Concen: 14.235 ppbv

RT: 3.667 min Scan# 1106

Delta R.T. 0.003 min

Lab File: VL042170.D

Acq: 25 Mar 2025 12:07

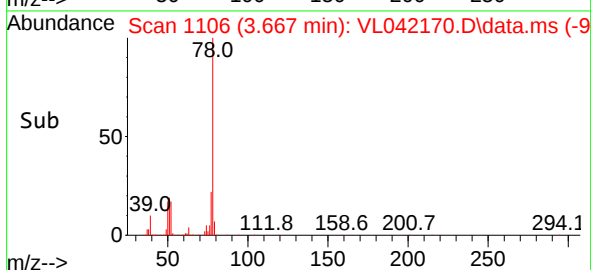
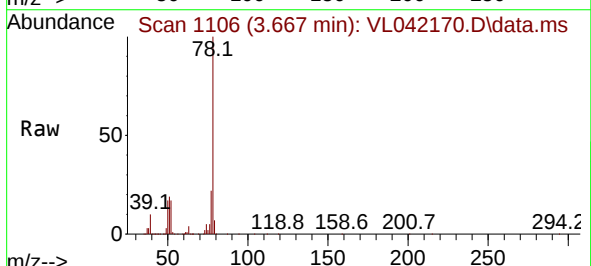
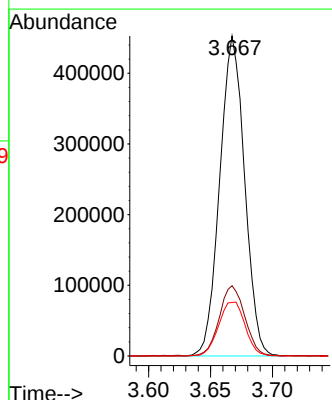
Tgt Ion: 78 Resp: 632534

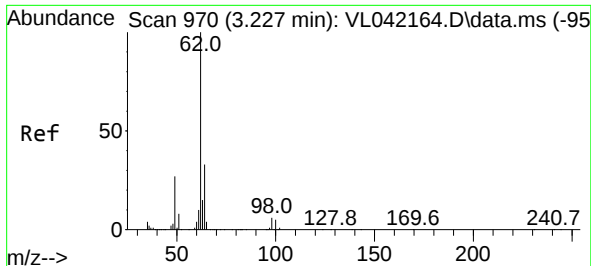
Ion Ratio Lower Upper

78 100

77 21.9 18.4 27.6

50 16.7 14.2 21.4





#37

1,2-Dichloroethane

Concen: 13.831 ppbv

RT: 3.227 min Scan# 91

Delta R.T. 0.000 min

Lab File: VL042170.D

Acq: 25 Mar 2025 12:07

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC015

Tgt Ion: 62 Resp: 341830

Ion Ratio Lower Upper

62 100

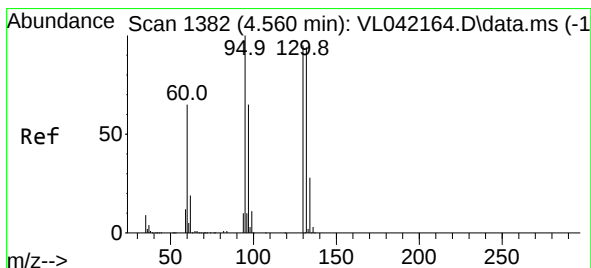
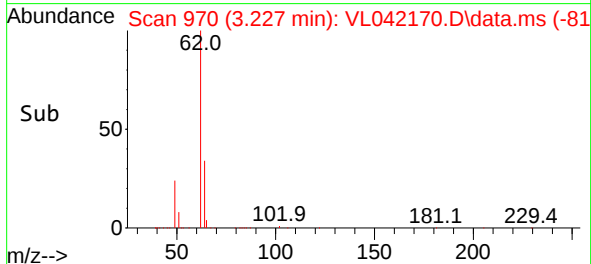
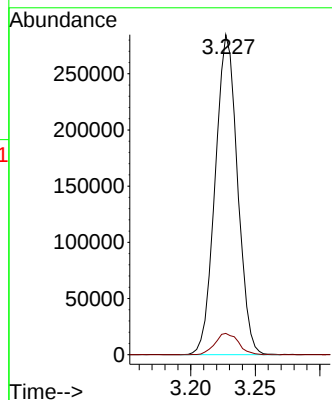
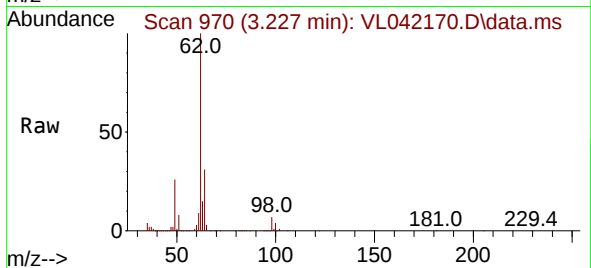
98 7.0 5.4 8.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/26/2025

Supervised By :Mahesh Dadoda 03/26/2025



#38

Trichloroethene

Concen: 13.684 ppbv

RT: 4.564 min Scan# 1383

Delta R.T. 0.003 min

Lab File: VL042170.D

Acq: 25 Mar 2025 12:07

Tgt Ion:130 Resp: 248010

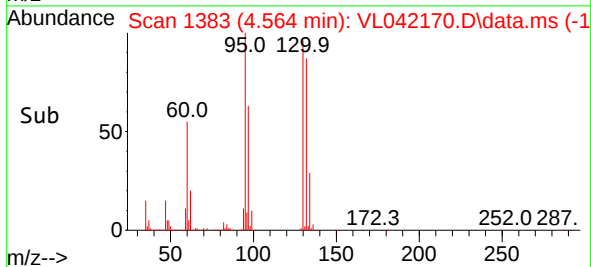
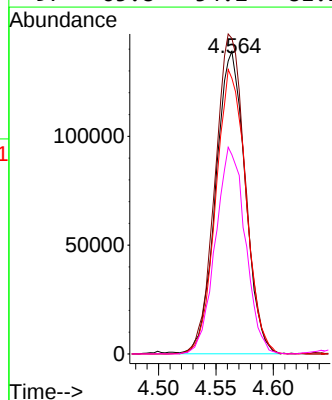
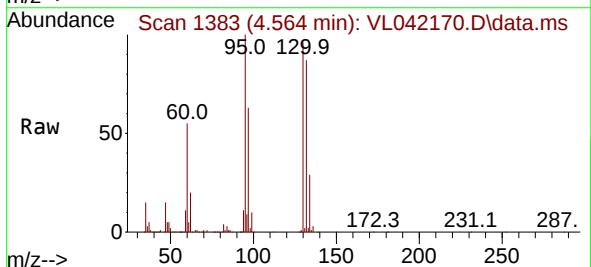
Ion Ratio Lower Upper

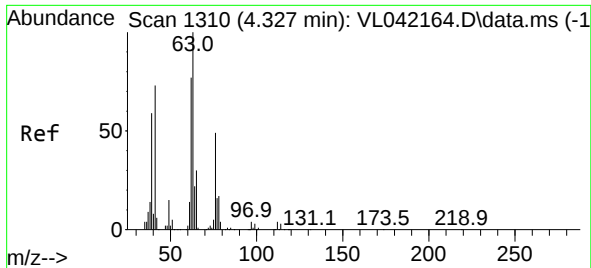
130 100

95 104.3 84.1 126.1

132 91.0 79.0 118.6

97 65.8 54.2 81.2





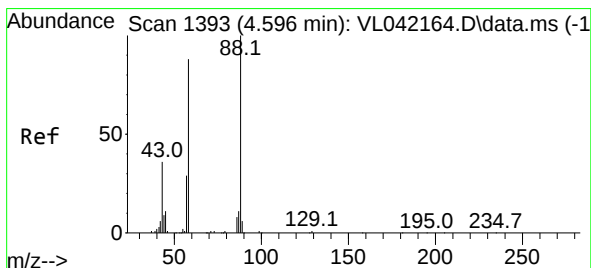
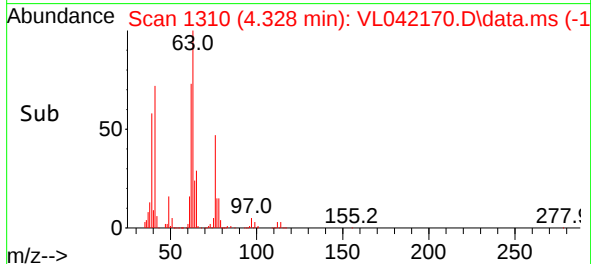
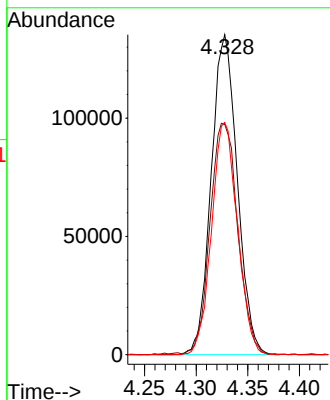
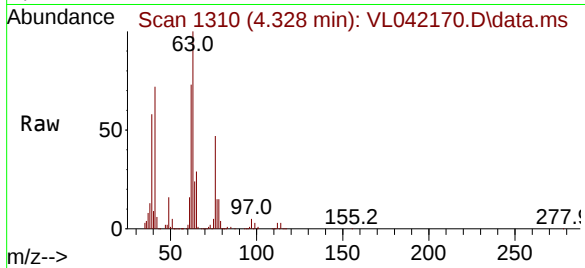
#39
1,2-Dichloropropane
Concen: 13.990 ppbv
RT: 4.328 min Scan# 1310
Delta R.T. 0.000 min
Lab File: VL042170.D
Acq: 25 Mar 2025 12:07

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

Tgt Ion: 63 Resp: 237428
Ion Ratio Lower Upper
63 100
41 71.8 58.8 88.2
62 72.6 61.3 91.9

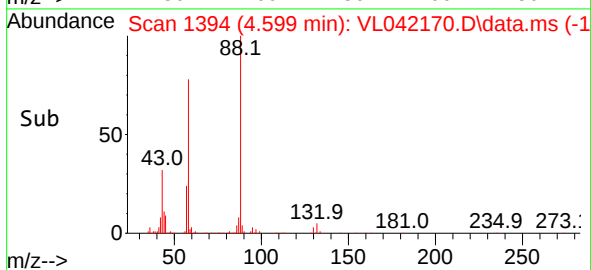
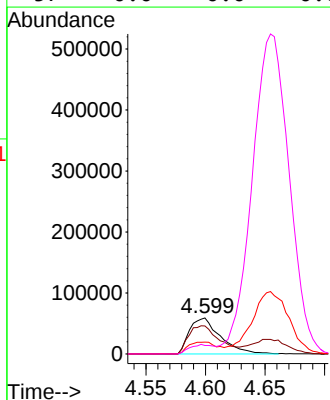
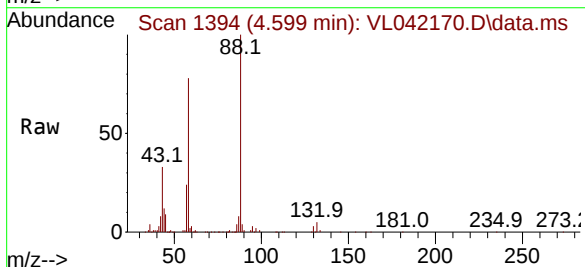
Manual Integrations
APPROVED

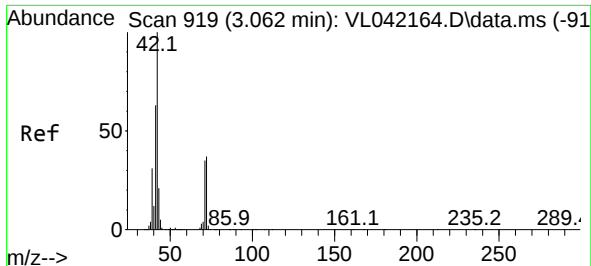
Reviewed By :Semsettin Yesilyurt 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#40
1,4-Dioxane
Concen: 13.947 ppbv
RT: 4.599 min Scan# 1394
Delta R.T. 0.003 min
Lab File: VL042170.D
Acq: 25 Mar 2025 12:07

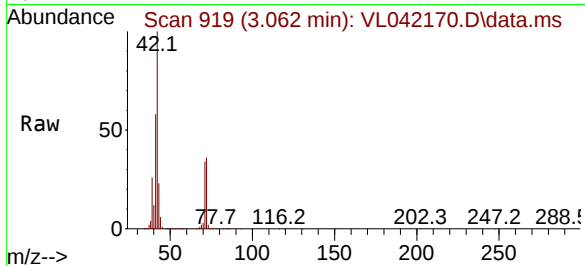
Tgt Ion: 88 Resp: 106935
Ion Ratio Lower Upper
88 100
58 76.4 68.0 102.0
43 31.7 25.3 37.9
57 0.0 0.0 0.0





#41
Tetrahydrofuran
Concen: 14.330 ppbv
RT: 3.062 min Scan# 919
Delta R.T. 0.000 min
Lab File: VL042170.D
Acq: 25 Mar 2025 12:07

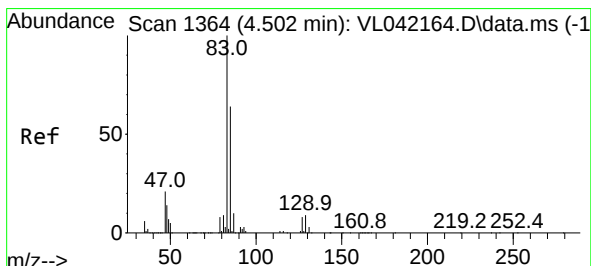
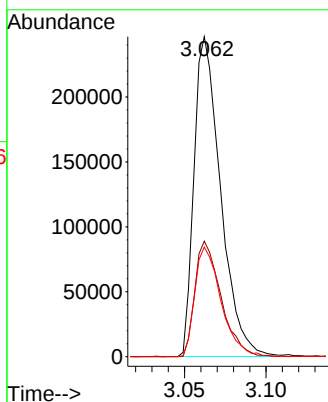
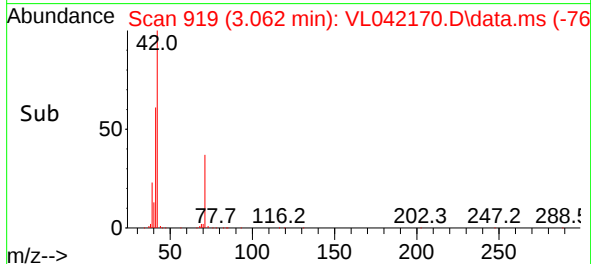
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



Tgt Ion: 42 Resp: 278549
Ion Ratio Lower Upper
42 100
72 35.7 29.4 44.2
71 34.0 27.8 41.6

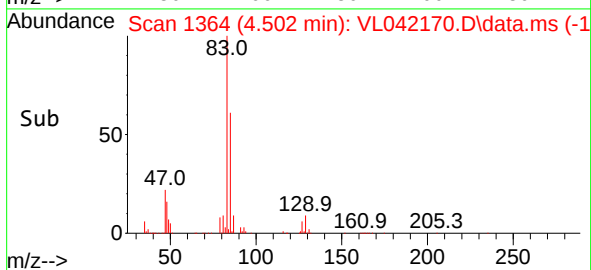
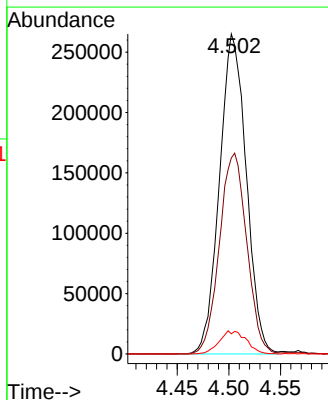
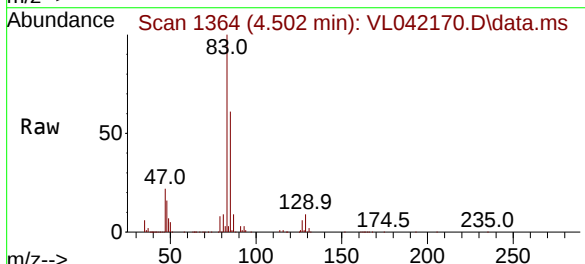
Manual Integrations
APPROVED

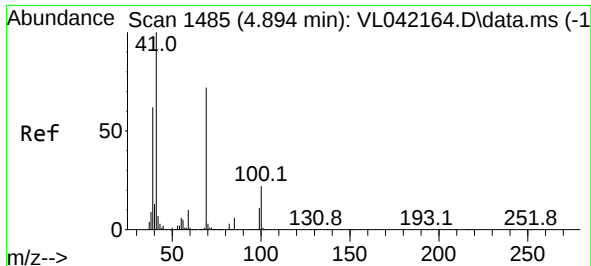
Reviewed By :Semsettin Yesilyurt 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#42
Bromodichloromethane
Concen: 14.332 ppbv
RT: 4.502 min Scan# 1364
Delta R.T. 0.000 min
Lab File: VL042170.D
Acq: 25 Mar 2025 12:07

Tgt Ion: 83 Resp: 478430
Ion Ratio Lower Upper
83 100
85 61.2 51.0 76.4
127 6.3 6.6 9.8





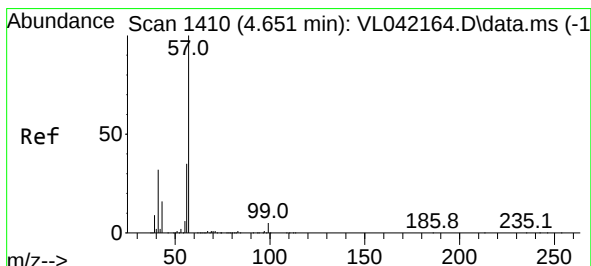
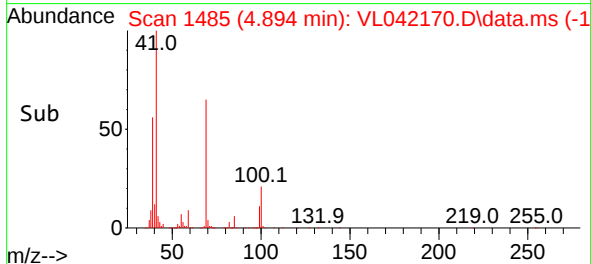
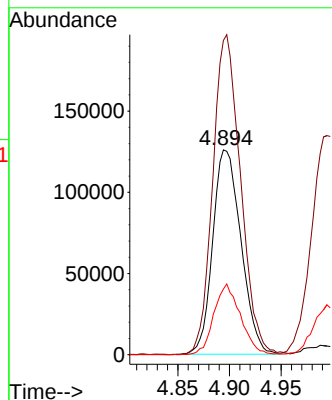
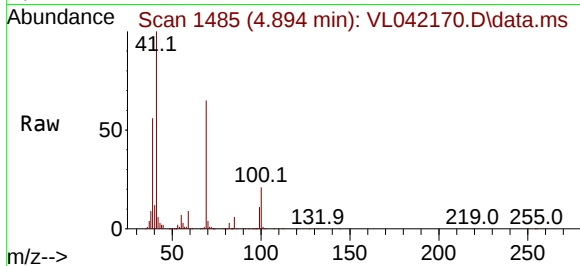
#43
Methyl Methacrylate
Concen: 14.063 ppbv
RT: 4.894 min Scan# 1485
Delta R.T. 0.000 min
Lab File: VL042170.D
Acq: 25 Mar 2025 12:07

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

Tgt Ion: 69 Resp: 239012
Ion Ratio Lower Upper
69 100
41 154.0 120.6 180.8
100 32.7 26.2 39.2

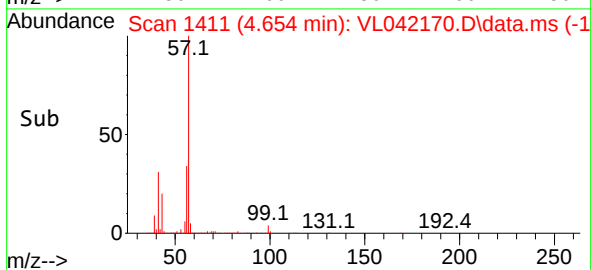
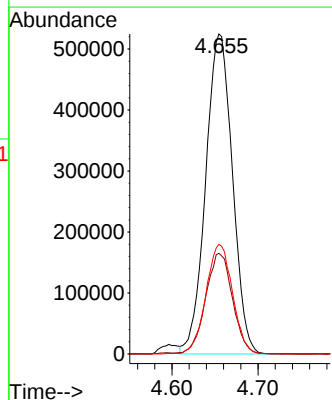
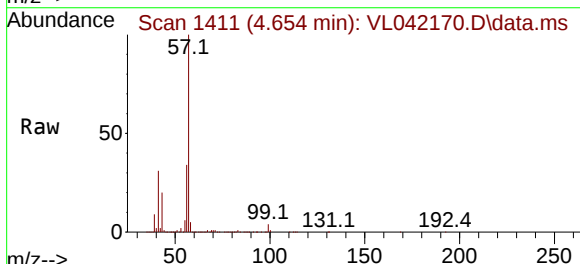
Manual Integrations
APPROVED

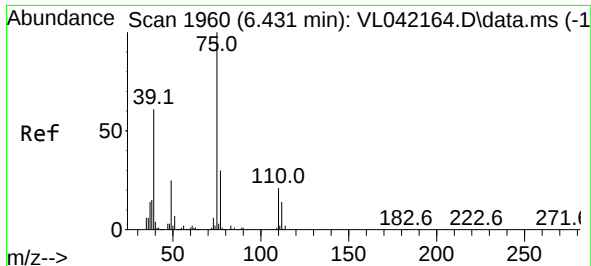
Reviewed By :Semsettin Yesilyurt 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#44
2,2,4-Trimethylpentane
Concen: 14.309 ppbv
RT: 4.654 min Scan# 1411
Delta R.T. 0.003 min
Lab File: VL042170.D
Acq: 25 Mar 2025 12:07

Tgt Ion: 57 Resp: 1134444
Ion Ratio Lower Upper
57 100
41 32.0 25.8 38.8
56 33.9 27.4 41.0





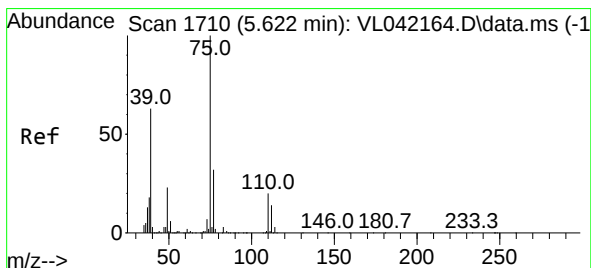
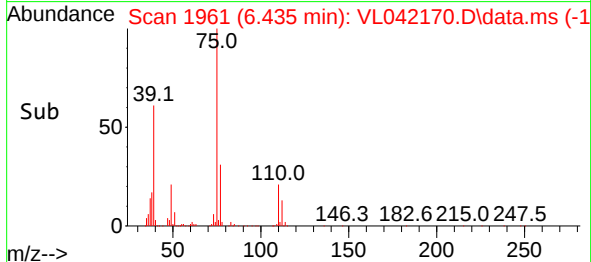
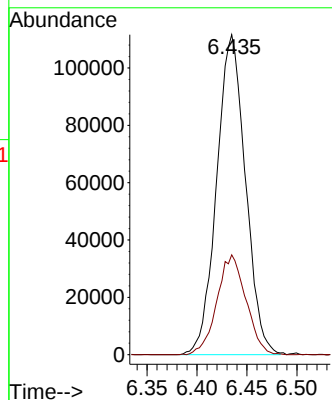
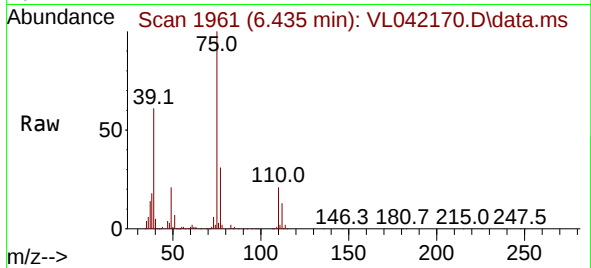
#45
 t-1,3-Dichloropropene
 Concen: 13.563 ppbv
 RT: 6.435 min Scan# 1960
 Delta R.T. 0.003 min
 Lab File: VL042170.D
 Acq: 25 Mar 2025 12:07

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015

Tgt Ion: 75 Resp: 223719
 Ion Ratio Lower Upper
 75 100
 77 31.2 24.0 36.0

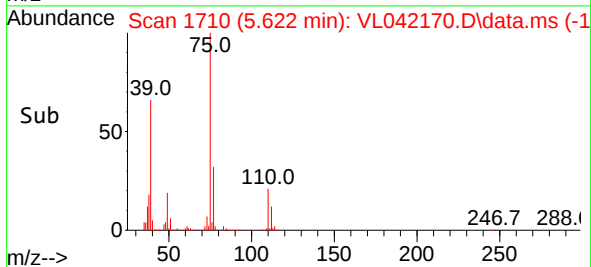
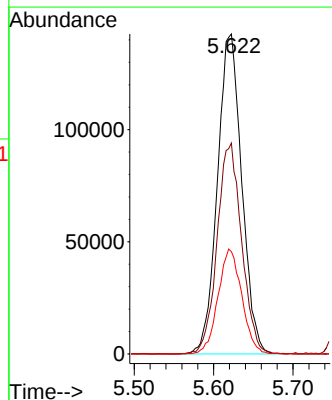
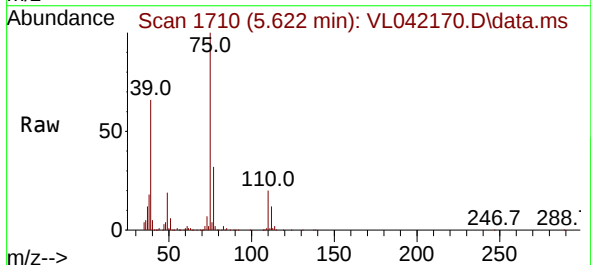
Manual Integrations
 APPROVED

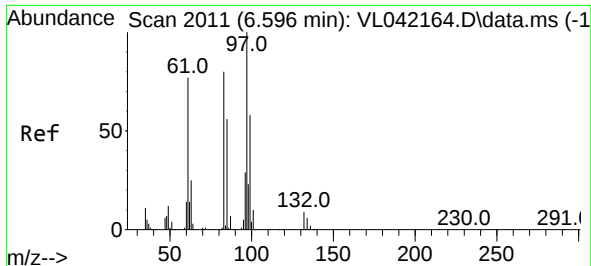
Reviewed By :Semsettin Yesilyurt 03/26/2025
 Supervised By :Mahesh Dadoda 03/26/2025



#46
 cis-1,3-Dichloropropene
 Concen: 14.093 ppbv
 RT: 5.622 min Scan# 1710
 Delta R.T. 0.000 min
 Lab File: VL042170.D
 Acq: 25 Mar 2025 12:07

Tgt Ion: 75 Resp: 303294
 Ion Ratio Lower Upper
 75 100
 39 65.8 50.4 75.6
 77 32.0 25.8 38.8





#47

1,1,2-Trichloroethane

Concen: 14.441 ppbv

RT: 6.600 min Scan# 2011

Delta R.T. 0.003 min

Lab File: VL042170.D

Acq: 25 Mar 2025 12:07

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015

Tgt Ion: 97 Resp: 25111

Ion Ratio Lower Upper

97 100

83 85.2 64.2 96.4

85 54.3 44.5 66.7

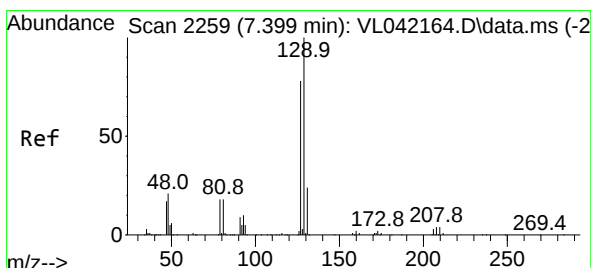
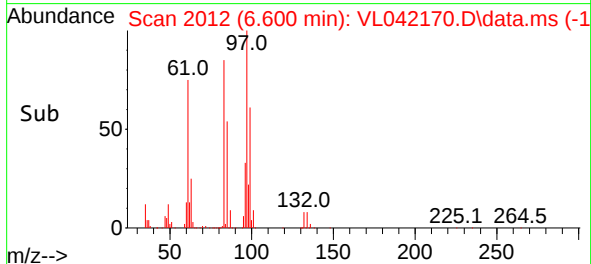
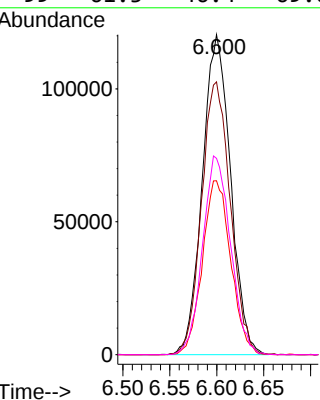
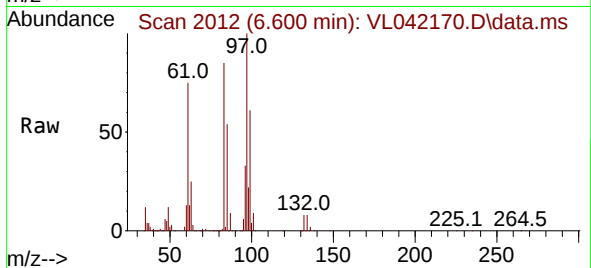
99 61.3 46.4 69.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/26/2025

Supervised By :Mahesh Dadoda 03/26/2025



#48

Dibromochloromethane

Concen: 14.863 ppbv

RT: 7.402 min Scan# 2260

Delta R.T. 0.003 min

Lab File: VL042170.D

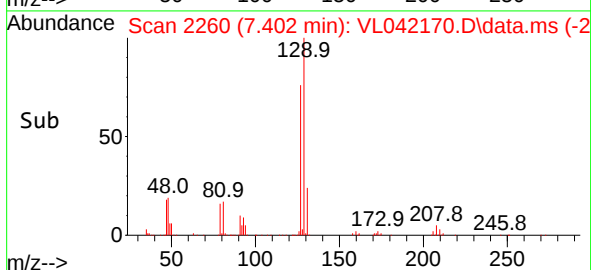
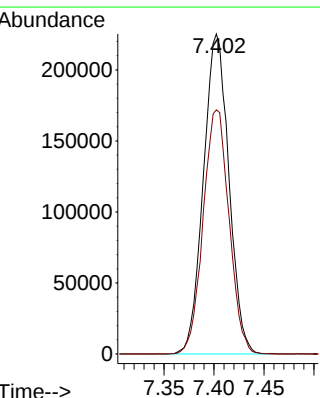
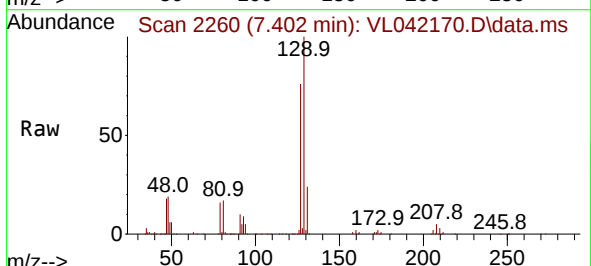
Acq: 25 Mar 2025 12:07

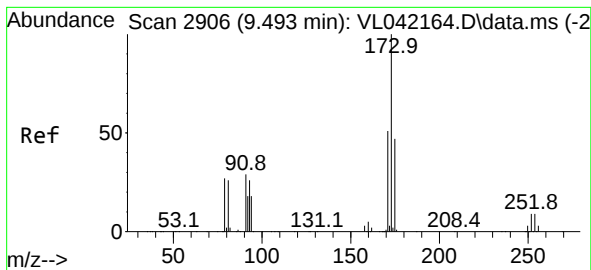
Tgt Ion:129 Resp: 399831

Ion Ratio Lower Upper

129 100

127 77.5 38.7 116.1





#49

Bromoform

Concen: 15.245 ppbv

RT: 9.497 min Scan# 2906

Delta R.T. 0.003 min

Lab File: VL042170.D

Acq: 25 Mar 2025 12:07

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015

Tgt Ion:173 Resp: 358440

Ion Ratio Lower Upper

173 100

175 48.3 38.5 57.7

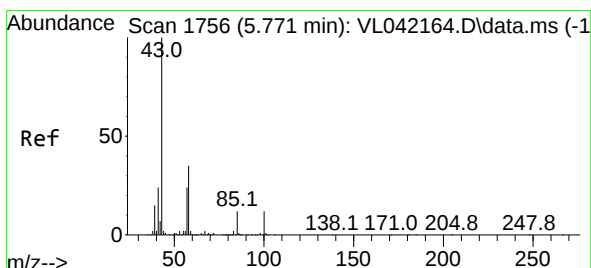
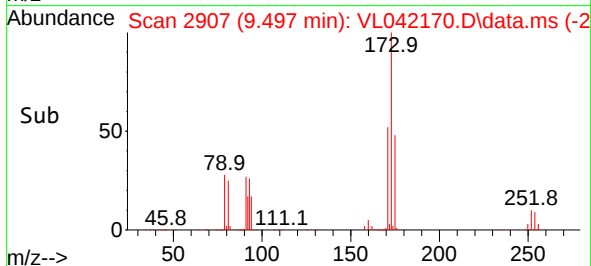
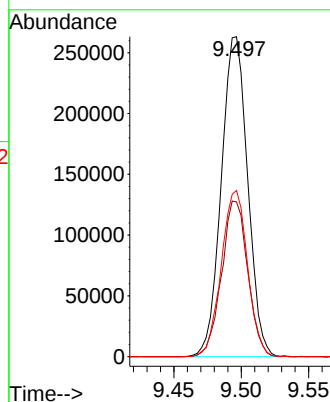
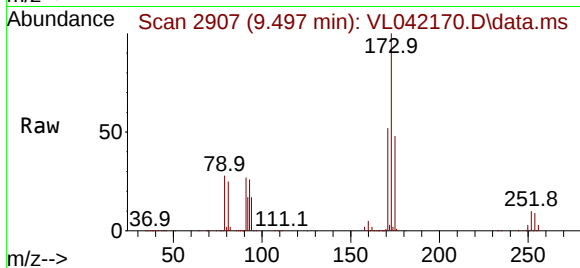
171 51.7 41.1 61.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/26/2025

Supervised By :Mahesh Dadoda 03/26/2025



#50

4-Methyl-2-Pentanone

Concen: 15.760 ppbv

RT: 5.771 min Scan# 1756

Delta R.T. 0.000 min

Lab File: VL042170.D

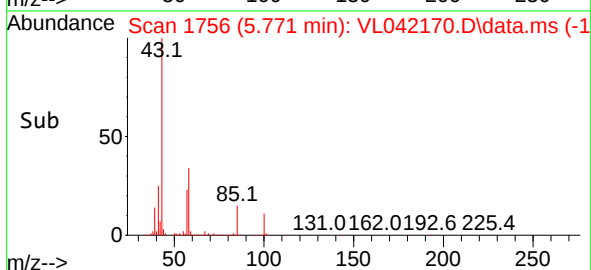
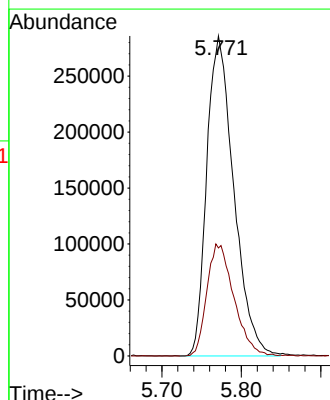
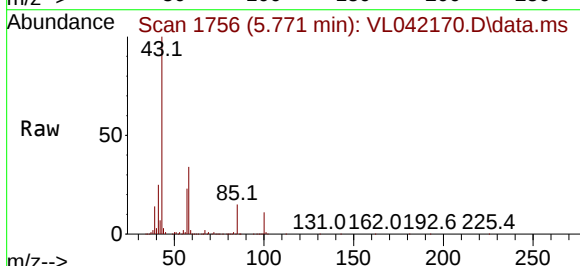
Acq: 25 Mar 2025 12:07

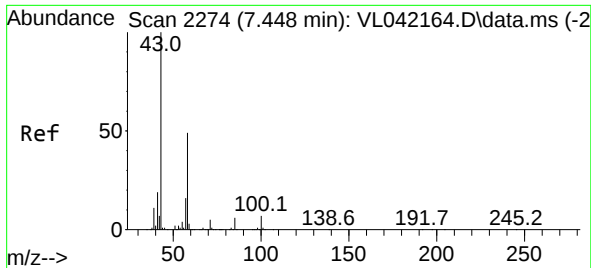
Tgt Ion: 43 Resp: 675442

Ion Ratio Lower Upper

43 100

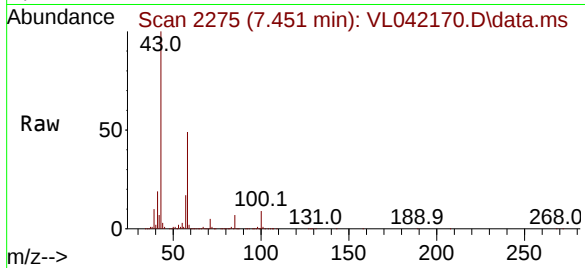
58 35.1 27.2 40.8





#51
2-Hexanone
Concen: 18.834 ppbv
RT: 7.451 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL042170.D
Acq: 25 Mar 2025 12:07

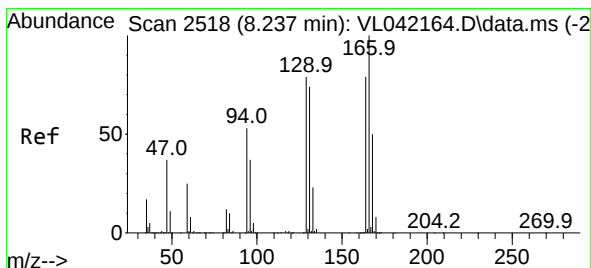
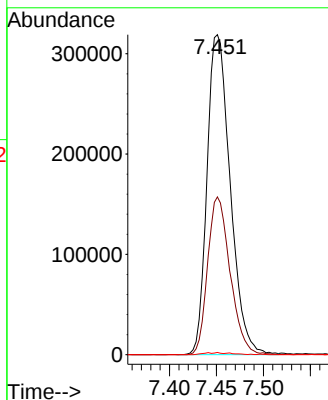
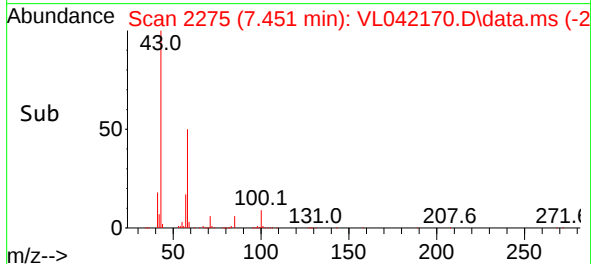
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



Tgt Ion: 43 Resp: 548552
Ion Ratio Lower Upper
43 100
58 47.7 37.9 56.9
98 0.8 0.9 1.3

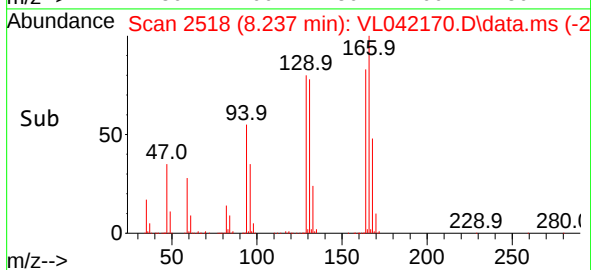
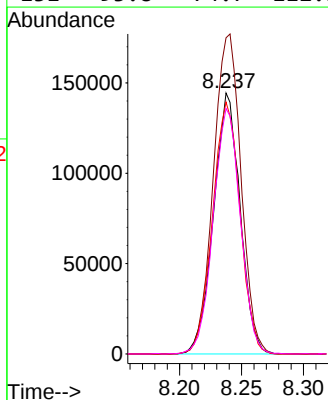
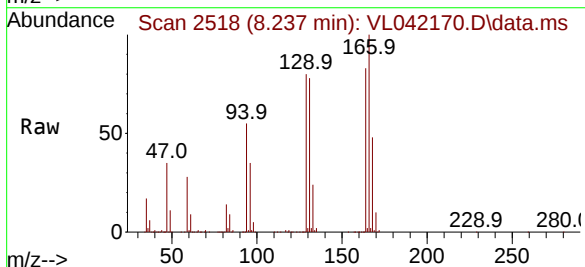
Manual Integrations
APPROVED

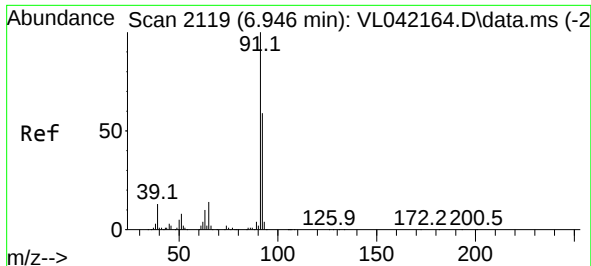
Reviewed By :Semsettin Yesilyurt 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#52
Tetrachloroethene
Concen: 14.243 ppbv
RT: 8.237 min Scan# 2518
Delta R.T. 0.000 min
Lab File: VL042170.D
Acq: 25 Mar 2025 12:07

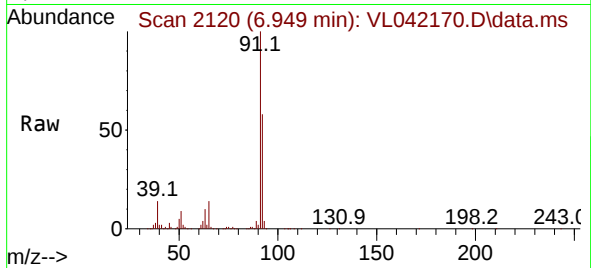
Tgt Ion:164 Resp: 215967
Ion Ratio Lower Upper
164 100
166 121.1 101.3 151.9
129 96.5 79.6 119.4
131 93.8 74.7 112.1





#53
Toluene
Concen: 14.321 ppbv
RT: 6.949 min Scan# 2119
Delta R.T. 0.003 min
Lab File: VL042170.D
Acq: 25 Mar 2025 12:07

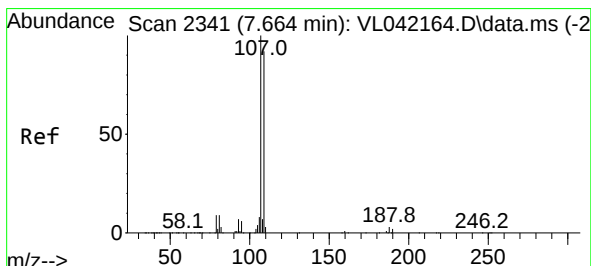
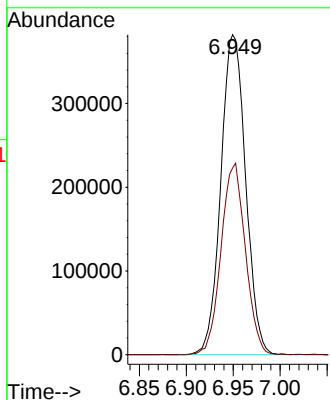
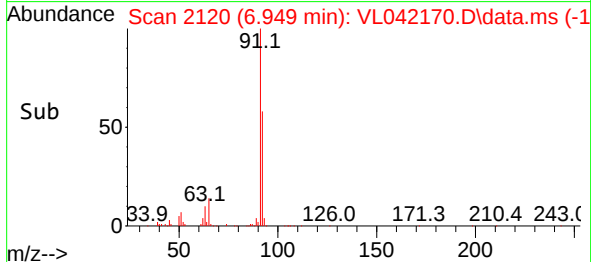
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



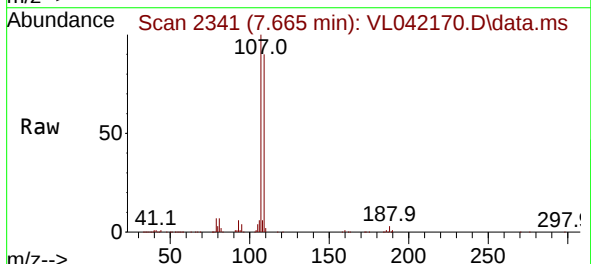
Tgt Ion: 91 Resp: 702279
Ion Ratio Lower Upper
91 100
92 58.7 49.0 73.4

Manual Integrations
APPROVED

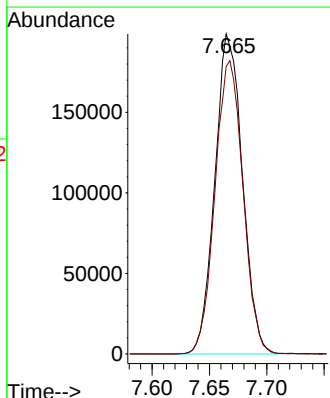
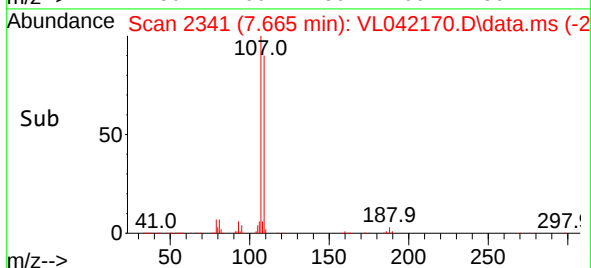
Reviewed By :Semsettin Yesilyurt 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025

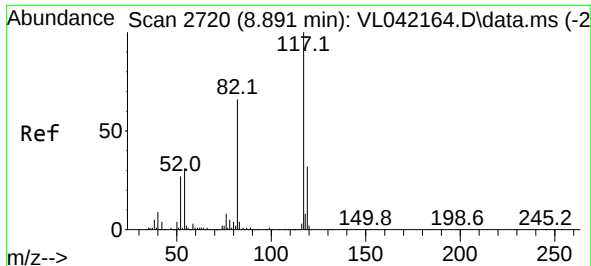


#54
1,2-Dibromoethane
Concen: 14.351 ppbv
RT: 7.665 min Scan# 2341
Delta R.T. 0.000 min
Lab File: VL042170.D
Acq: 25 Mar 2025 12:07



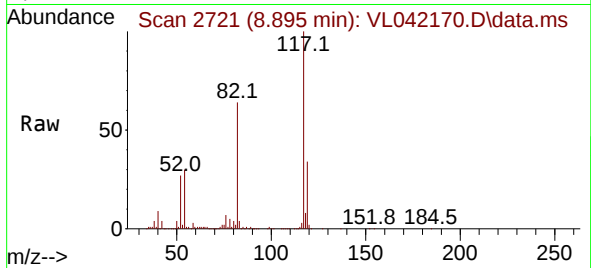
Tgt Ion:107 Resp: 331861
Ion Ratio Lower Upper
107 100
109 89.9 73.4 110.0





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.895 min Scan# 2720
Delta R.T. 0.003 min
Lab File: VL042170.D
Acq: 25 Mar 2025 12:07

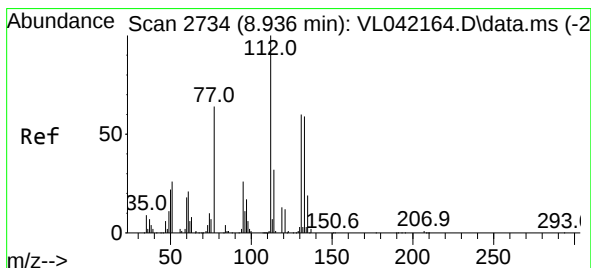
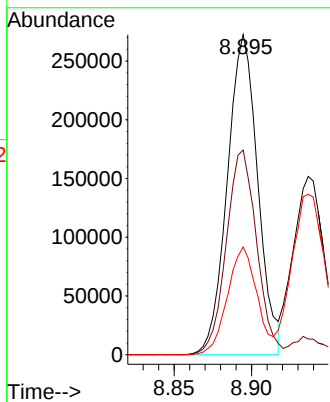
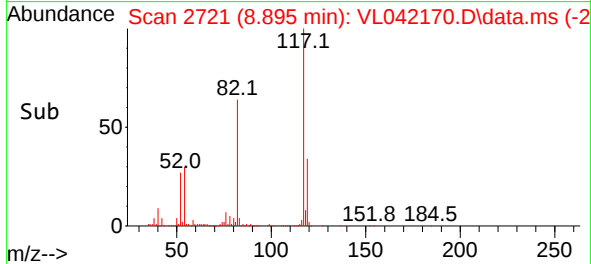
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



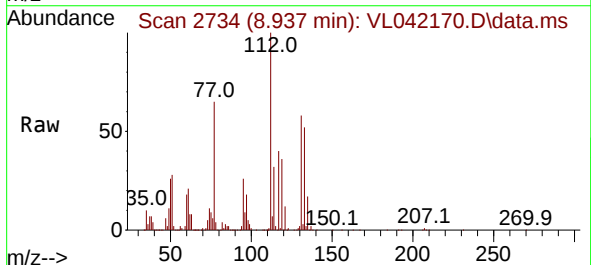
Tgt Ion:117 Resp: 373400
Ion Ratio Lower Upper
117 100
82 69.0 54.2 81.4
119 32.7 25.4 38.2

Manual Integrations
APPROVED

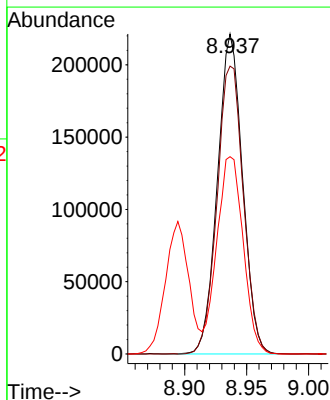
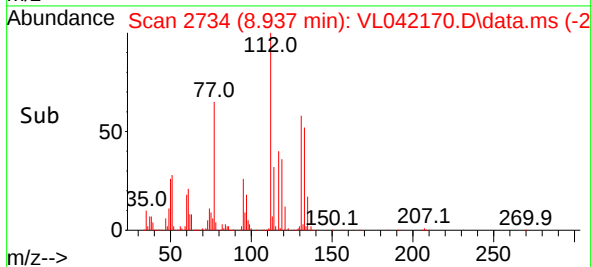
Reviewed By :Semsettin Yesilyurt 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025

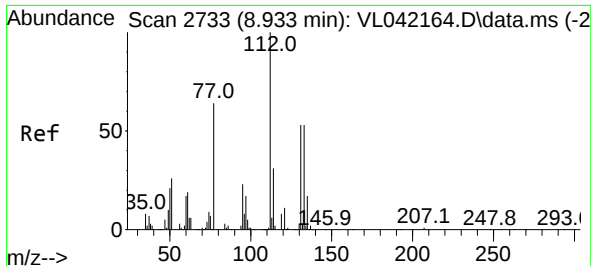


#56
1,1,1,2-Tetrachloroethane
Concen: 14.366 ppbv
RT: 8.937 min Scan# 2734
Delta R.T. 0.000 min
Lab File: VL042170.D
Acq: 25 Mar 2025 12:07



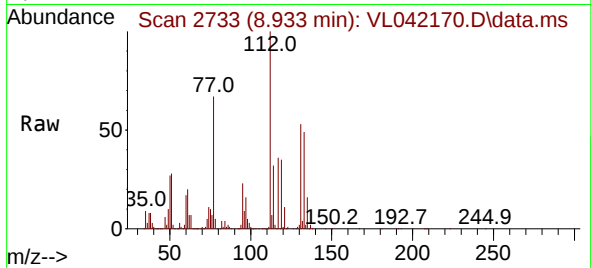
Tgt Ion:131 Resp: 312040
Ion Ratio Lower Upper
131 100
133 94.4 74.7 112.1
119 64.6 52.5 78.7





#57
Chlorobenzene
Concen: 14.270 ppbv
RT: 8.933 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL042170.D
Acq: 25 Mar 2025 12:07

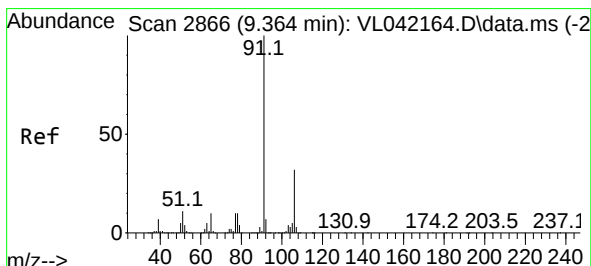
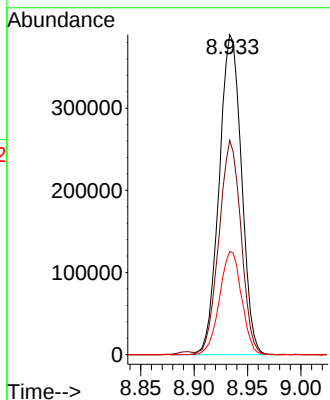
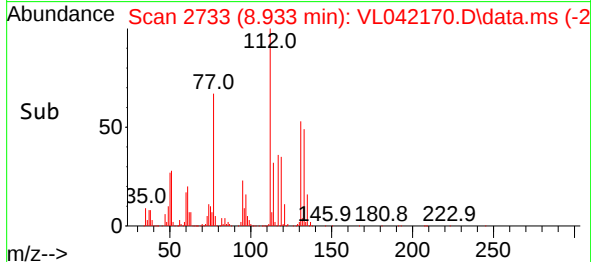
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015



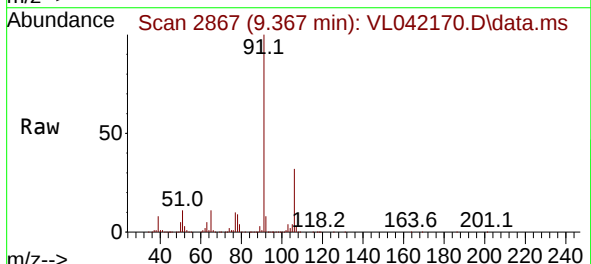
Tgt Ion:112 Resp: 565840
Ion Ratio Lower Upper
112 100
77 67.0 51.7 77.5
114 32.3 28.2 34.4

Manual Integrations
APPROVED

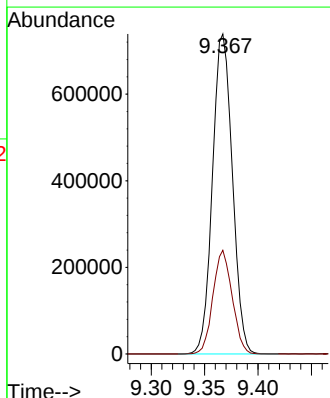
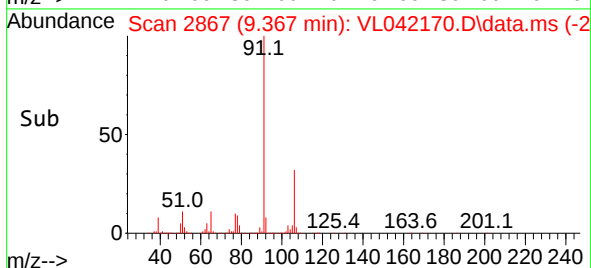
Reviewed By :Semsettin Yesilyurt 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025

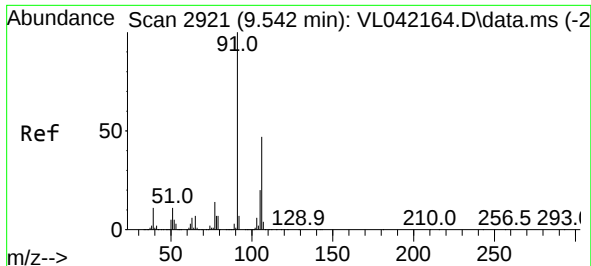


#58
Ethyl Benzene
Concen: 13.978 ppbv
RT: 9.367 min Scan# 2867
Delta R.T. 0.003 min
Lab File: VL042170.D
Acq: 25 Mar 2025 12:07



Tgt Ion: 91 Resp: 957342
Ion Ratio Lower Upper
91 100
106 32.4 25.4 38.0





#59

m/p-Xylene

Concen: 28.837 ppbv m

RT: 9.564 min Scan# 2921

Delta R.T. 0.023 min

Lab File: VL042170.D

Acq: 25 Mar 2025 12:07

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015

Tgt Ion: 91 Resp: 1603678

Ion Ratio Lower Upper

91 100

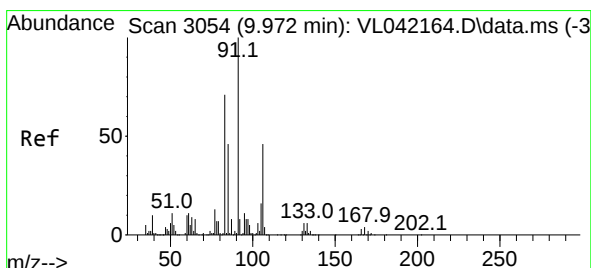
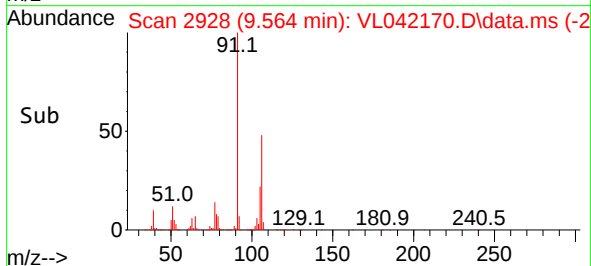
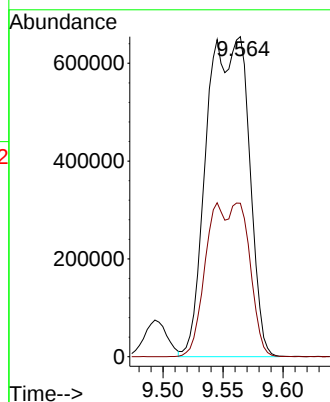
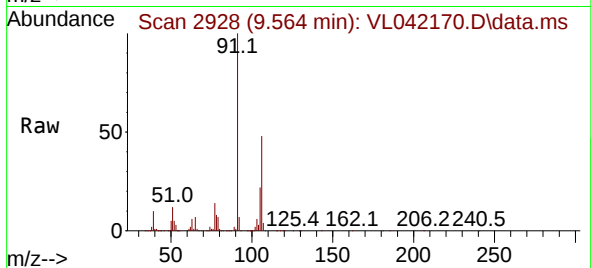
106 48.3 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/26/2025

Supervised By :Mahesh Dadoda 03/26/2025



#60

o-Xylene

Concen: 14.429 ppbv

RT: 9.976 min Scan# 3055

Delta R.T. 0.003 min

Lab File: VL042170.D

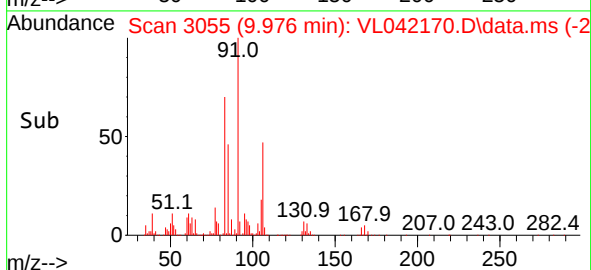
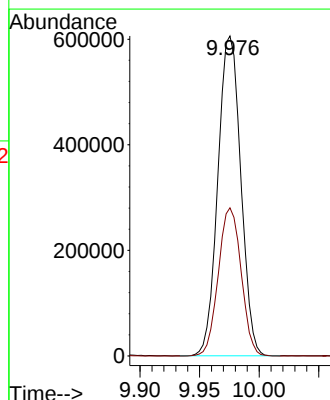
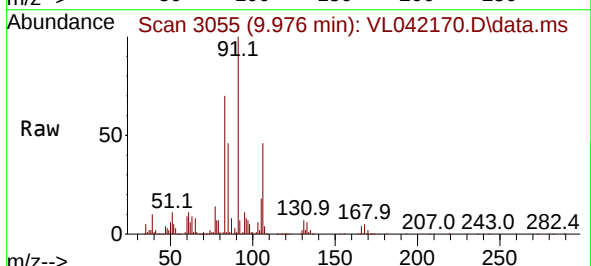
Acq: 25 Mar 2025 12:07

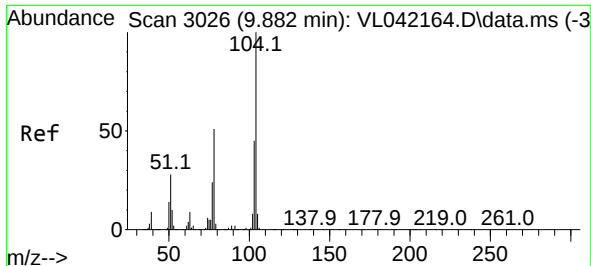
Tgt Ion: 91 Resp: 810012

Ion Ratio Lower Upper

91 100

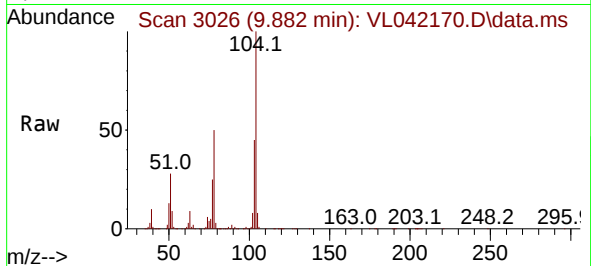
106 46.1 22.7 68.0





#61
Styrene
Concen: 14.450 ppbv
RT: 9.882 min Scan# 3026
Delta R.T. 0.000 min
Lab File: VL042170.D
Acq: 25 Mar 2025 12:07

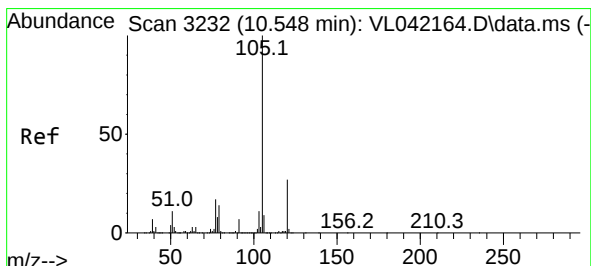
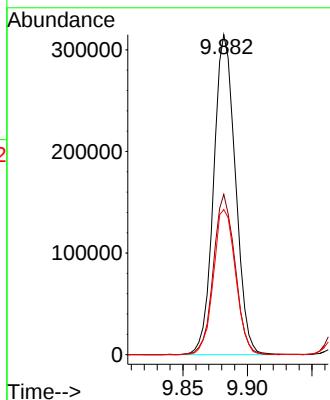
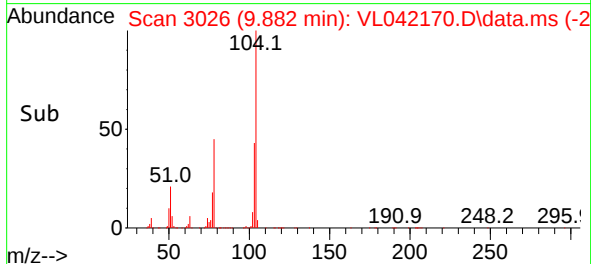
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



Tgt Ion:104 Resp: 368848
Ion Ratio Lower Upper
104 100
78 50.0 39.7 59.5
103 46.4 37.4 56.2

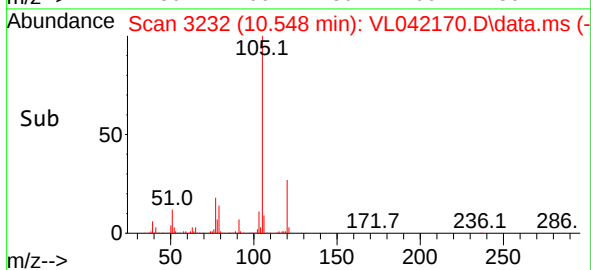
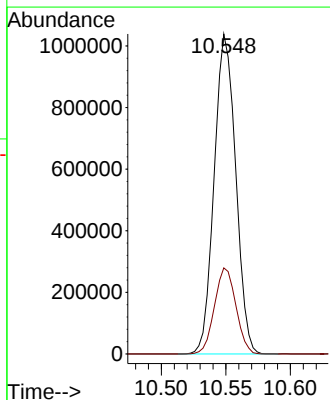
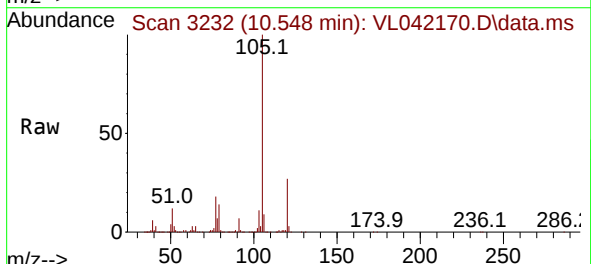
Manual Integrations
APPROVED

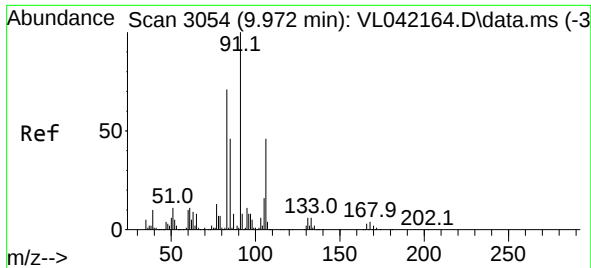
Reviewed By :Semsettin Yesilyurt 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#62
Isopropylbenzene
Concen: 14.326 ppbv
RT: 10.548 min Scan# 3232
Delta R.T. 0.000 min
Lab File: VL042170.D
Acq: 25 Mar 2025 12:07

Tgt Ion:105 Resp: 1202954
Ion Ratio Lower Upper
105 100
120 26.7 21.4 32.0





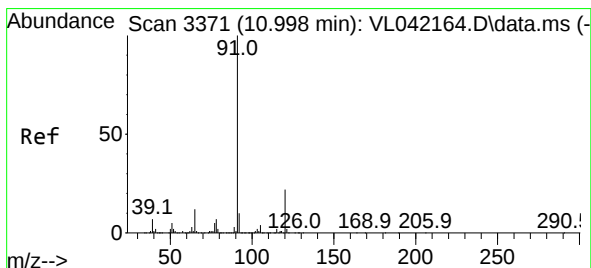
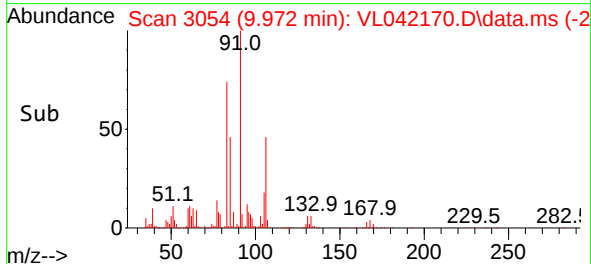
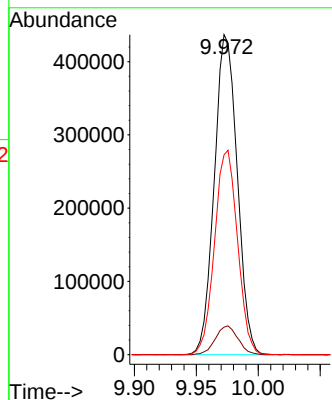
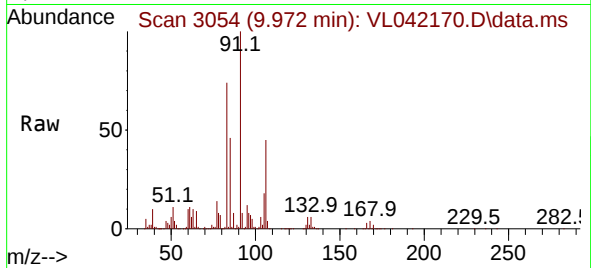
#63
1,1,2,2-Tetrachloroethane
Concen: 15.123 ppbv
RT: 9.972 min Scan# 3054
Delta R.T. 0.000 min
Lab File: VL042170.D
Acq: 25 Mar 2025 12:07

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

Tgt Ion: 83 Resp: 564800
Ion Ratio Lower Upper
83 100
131 8.9 4.5 13.5
85 63.9 32.3 96.9

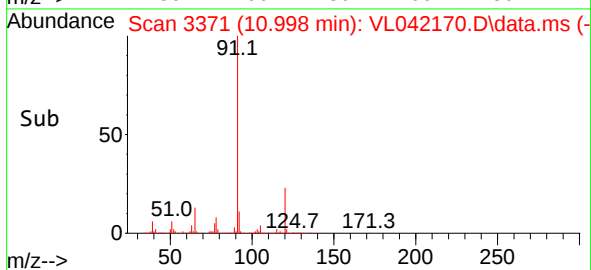
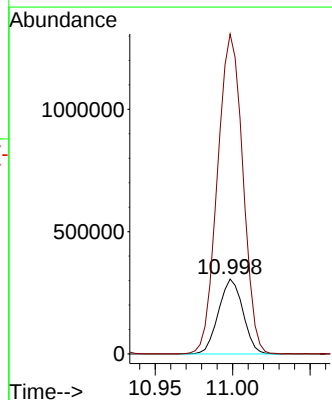
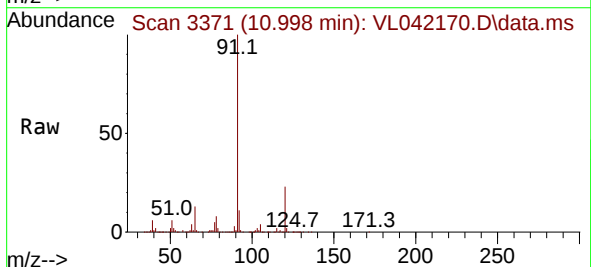
Manual Integrations
APPROVED

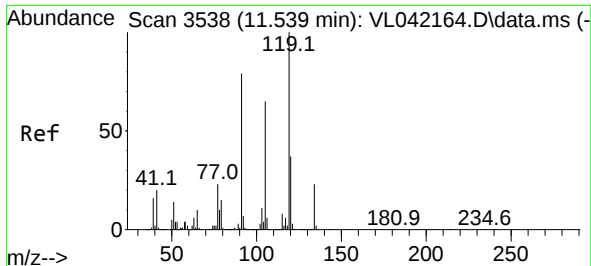
Reviewed By :Semsettin Yesilyurt 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#64
n-propylbenzene
Concen: 15.078 ppbv
RT: 10.998 min Scan# 3371
Delta R.T. 0.000 min
Lab File: VL042170.D
Acq: 25 Mar 2025 12:07

Tgt Ion:120 Resp: 335373
Ion Ratio Lower Upper
120 100
91 445.1 369.8 554.8





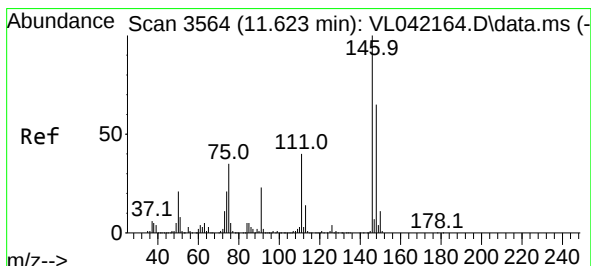
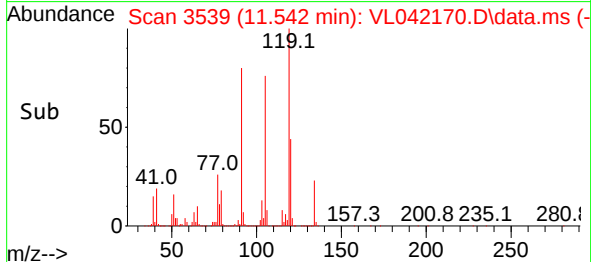
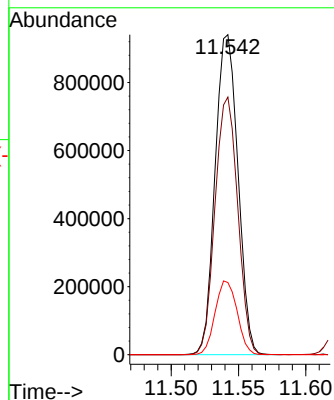
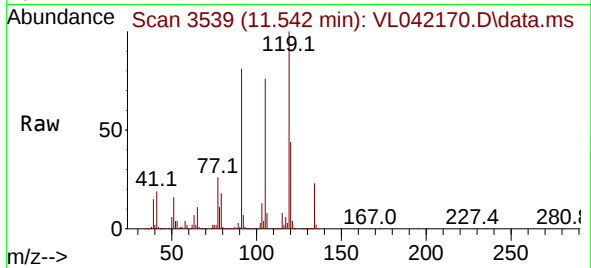
#65
tert-Butylbenzene
Concen: 14.346 ppbv
RT: 11.542 min Scan# 3539
Delta R.T. 0.003 min
Lab File: VL042170.D
Acq: 25 Mar 2025 12:07

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

Tgt Ion:119 Resp: 110971
Ion Ratio Lower Upper
119 100
91 80.1 63.5 95.3
134 22.2 17.4 26.2

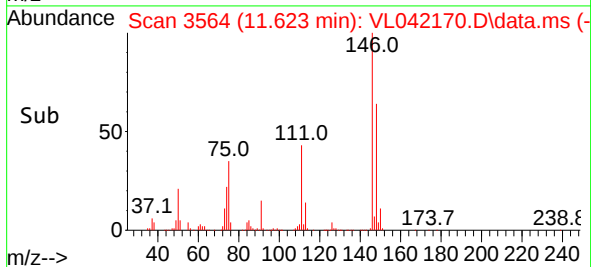
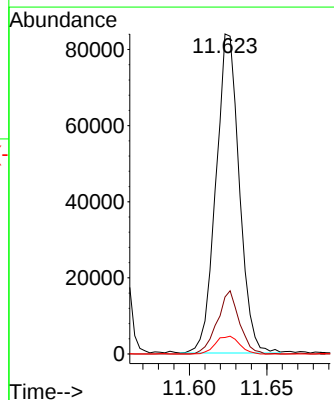
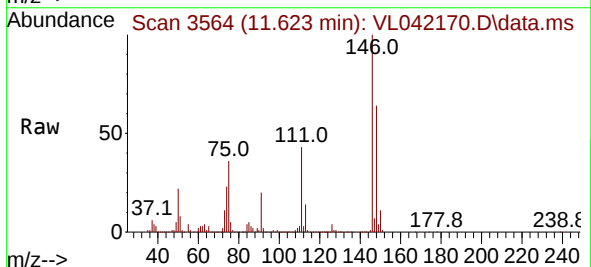
Manual Integrations
APPROVED

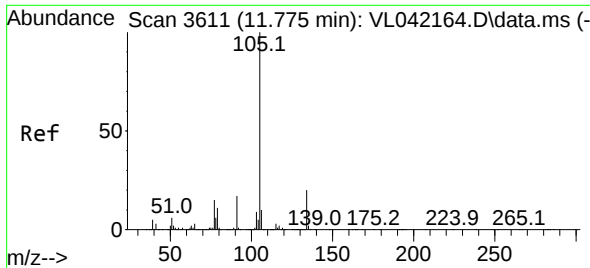
Reviewed By :Semsettin Yesilyurt 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#66
Benzyl Chloride
Concen: 15.346 ppbv
RT: 11.623 min Scan# 3564
Delta R.T. 0.000 min
Lab File: VL042170.D
Acq: 25 Mar 2025 12:07

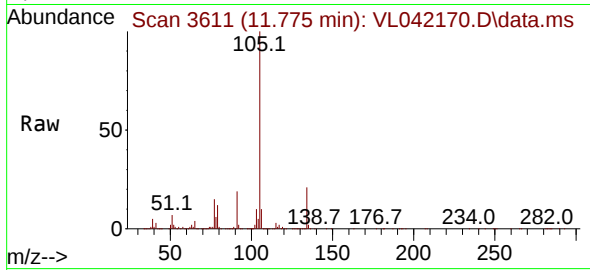
Tgt Ion: 91 Resp: 87909
Ion Ratio Lower Upper
91 100
126 18.6 15.0 22.6
128 5.8 4.6 7.0





#67
 sec-Butylbenzene
 Concen: 14.252 ppbv
 RT: 11.775 min Scan# 3611
 Delta R.T. 0.000 min
 Lab File: VL042170.D
 Acq: 25 Mar 2025 12:07

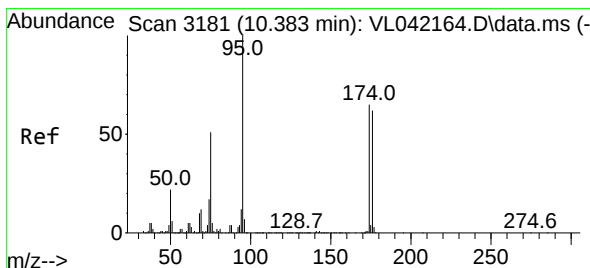
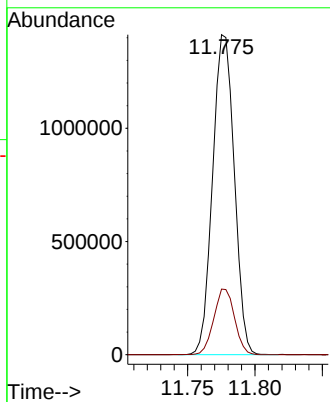
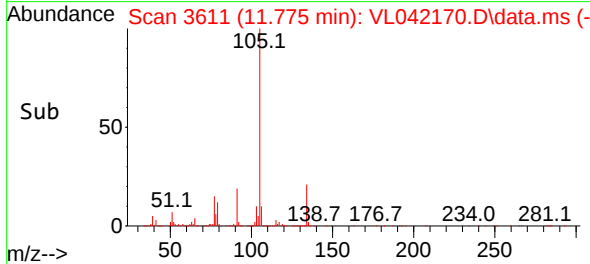
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015



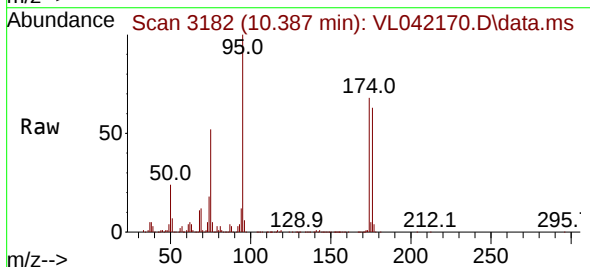
Tgt Ion:105 Resp: 1580269
 Ion Ratio Lower Upper
 105 100
 134 19.7 15.4 23.2

Manual Integrations
 APPROVED

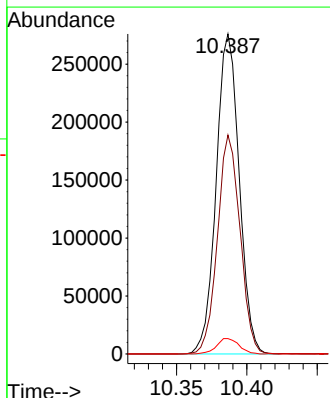
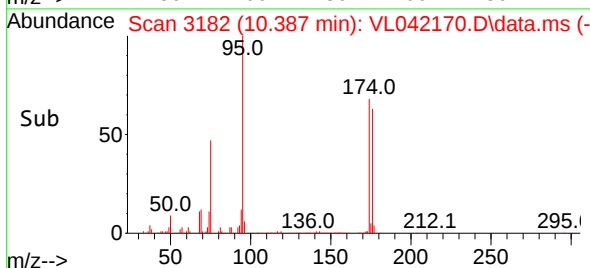
Reviewed By :Semsettin Yesilyurt 03/26/2025
 Supervised By :Mahesh Dadoda 03/26/2025

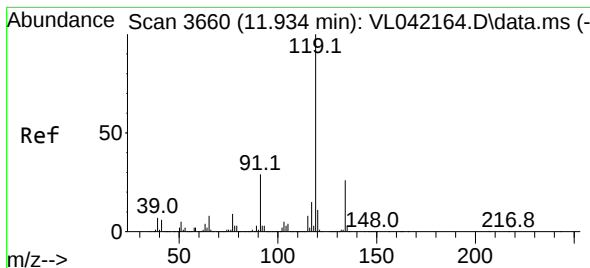


#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.777 ppbv
 RT: 10.387 min Scan# 3182
 Delta R.T. 0.003 min
 Lab File: VL042170.D
 Acq: 25 Mar 2025 12:07



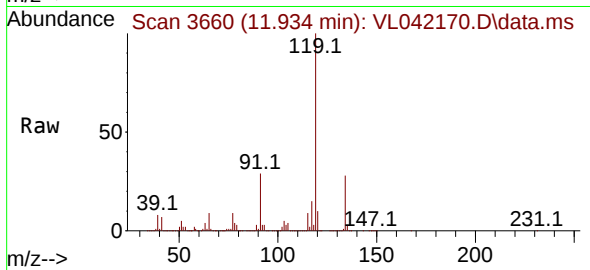
Tgt Ion: 95 Resp: 314472
 Ion Ratio Lower Upper
 95 100
 174 67.1 53.5 80.3
 175 4.7 3.8 5.8





#69
p-Isopropyltoluene
Concen: 15.111 ppbv
RT: 11.934 min Scan# 3660
Delta R.T. 0.000 min
Lab File: VL042170.D
Acq: 25 Mar 2025 12:07

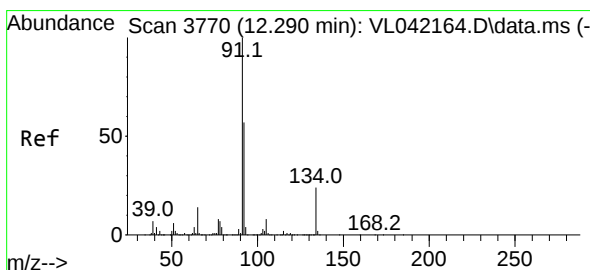
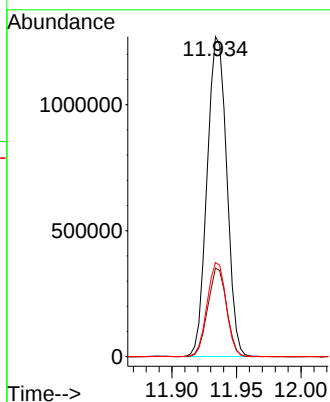
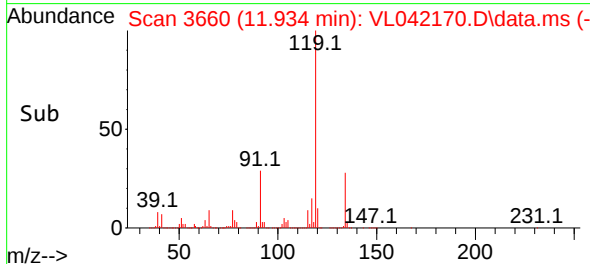
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



Tgt Ion: 119 Resp: 1340848
Ion Ratio Lower Upper
119 100
134 26.6 21.3 31.9
91 28.6 22.4 33.6

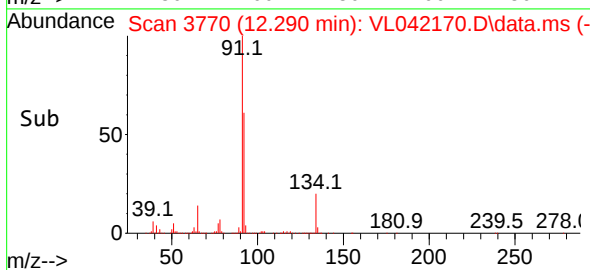
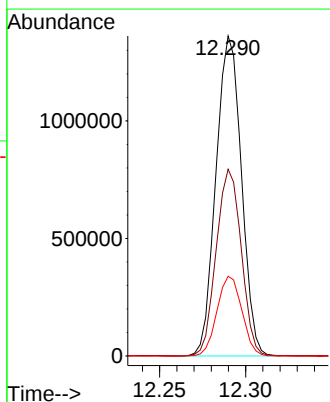
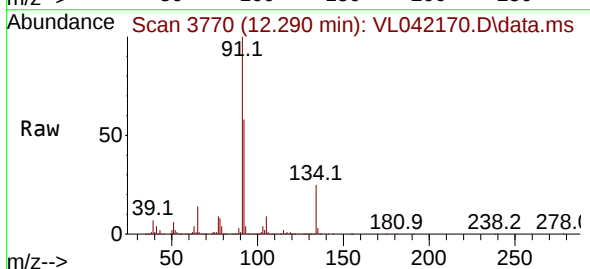
Manual Integrations
APPROVED

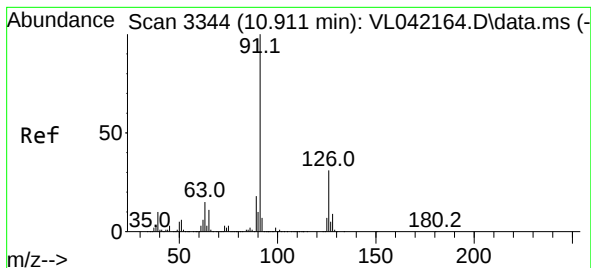
Reviewed By :Semsettin Yesilyurt 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#70
n-Butylbenzene
Concen: 15.365 ppbv
RT: 12.290 min Scan# 3770
Delta R.T. 0.000 min
Lab File: VL042170.D
Acq: 25 Mar 2025 12:07

Tgt Ion: 91 Resp: 1402137
Ion Ratio Lower Upper
91 100
92 57.4 44.5 66.7
134 24.4 19.1 28.7





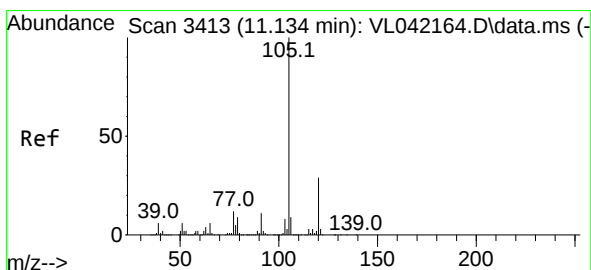
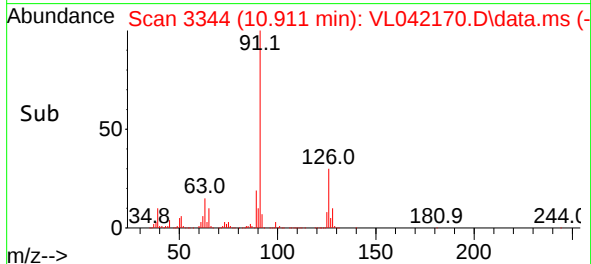
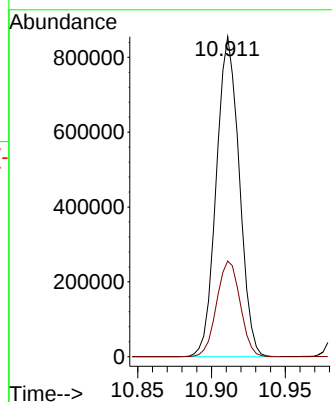
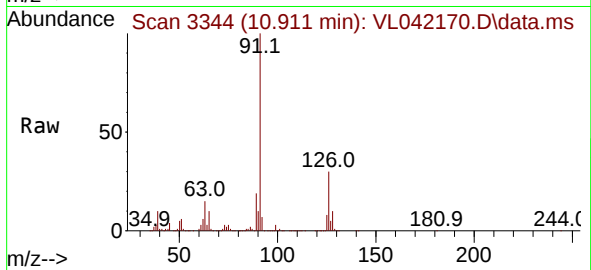
#71
2-Chlorotoluene
Concen: 14.349 ppbv
RT: 10.911 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL042170.D
Acq: 25 Mar 2025 12:07

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 91 Resp: 925700
Ion Ratio Lower Upper
91 100
126 30.6 12.3 49.1

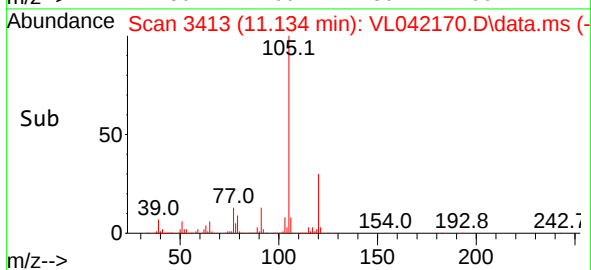
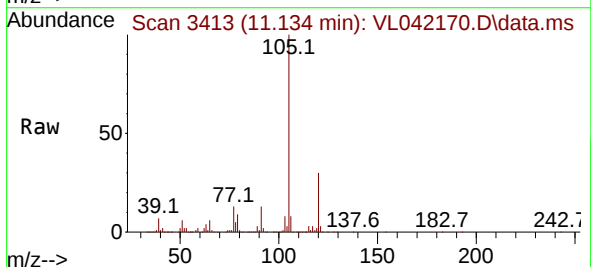
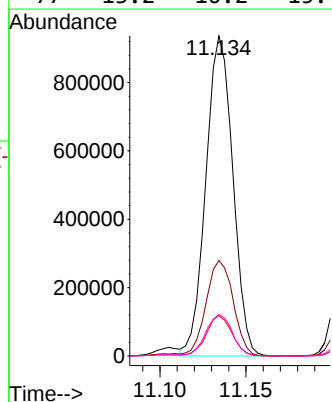
Manual Integrations
APPROVED

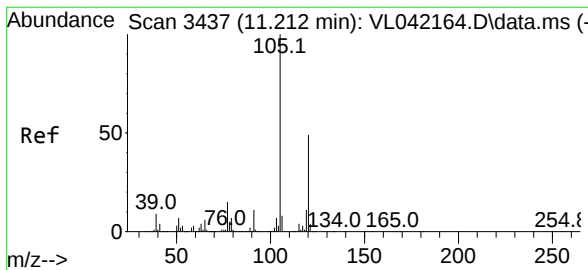
Reviewed By :Semsettin Yesilyurt 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#72
4-Ethyltoluene
Concen: 14.777 ppbv
RT: 11.134 min Scan# 3413
Delta R.T. 0.000 min
Lab File: VL042170.D
Acq: 25 Mar 2025 12:07

Tgt Ion:105 Resp: 1020577
Ion Ratio Lower Upper
105 100
120 30.7 24.2 36.2
91 12.4 9.8 14.8
77 13.2 10.2 15.4





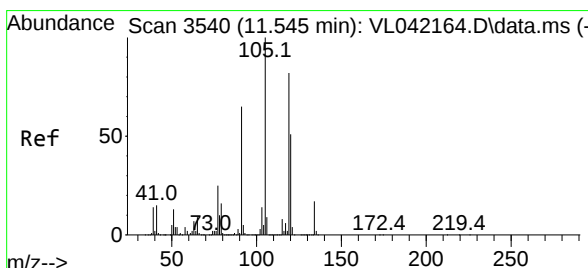
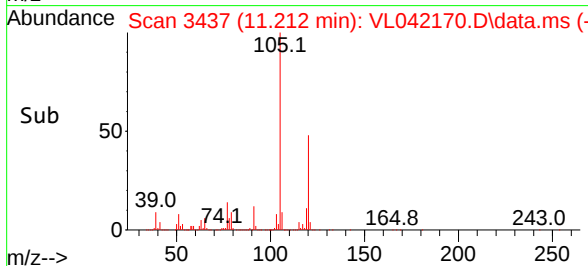
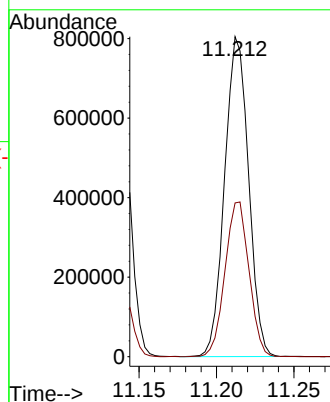
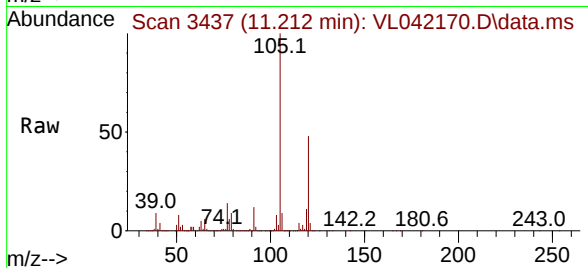
#73
 1,3,5-Trimethylbenzene
 Concen: 14.484 ppbv
 RT: 11.212 min Scan# 3437
 Delta R.T. 0.000 min
 Lab File: VL042170.D
 Acq: 25 Mar 2025 12:07

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015

Tgt Ion:105 Resp: 865249
 Ion Ratio Lower Upper
 105 100
 120 48.1 39.2 58.8

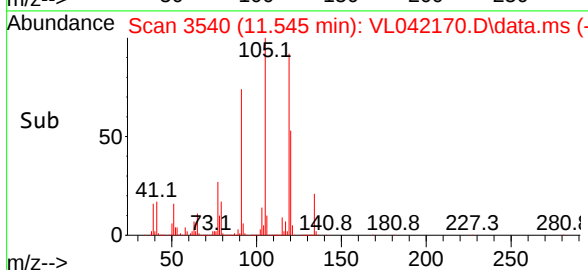
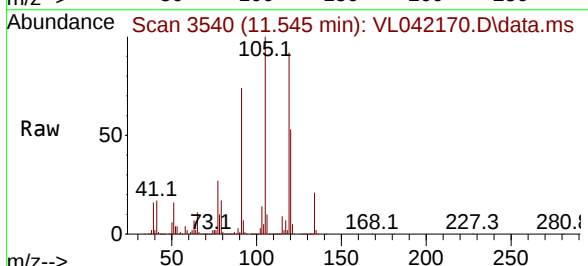
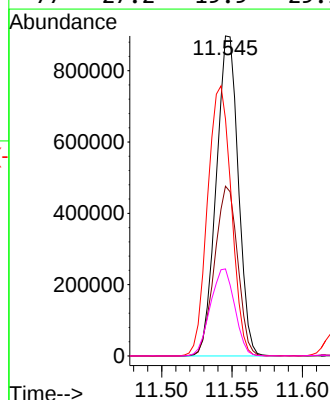
Manual Integrations
 APPROVED

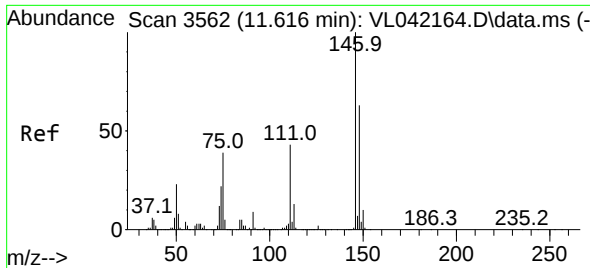
Reviewed By :Semsettin Yesilyurt 03/26/2025
 Supervised By :Mahesh Dadoda 03/26/2025



#74
 1,2,4-Trimethylbenzene
 Concen: 14.318 ppbv
 RT: 11.545 min Scan# 3540
 Delta R.T. 0.000 min
 Lab File: VL042170.D
 Acq: 25 Mar 2025 12:07

Tgt Ion:105 Resp: 977736
 Ion Ratio Lower Upper
 105 100
 120 53.1 40.9 61.3
 91 74.0 52.6 79.0
 77 27.2 19.9 29.9





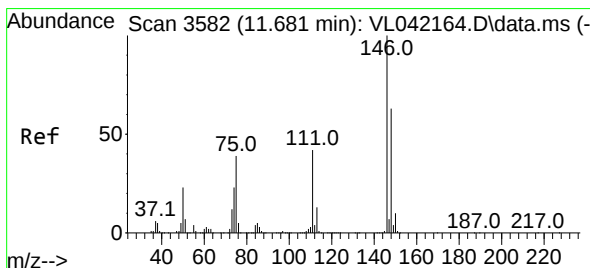
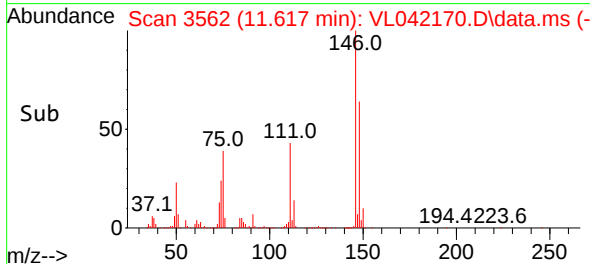
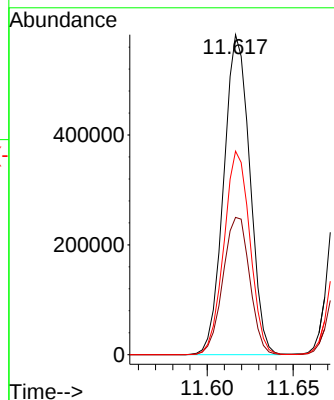
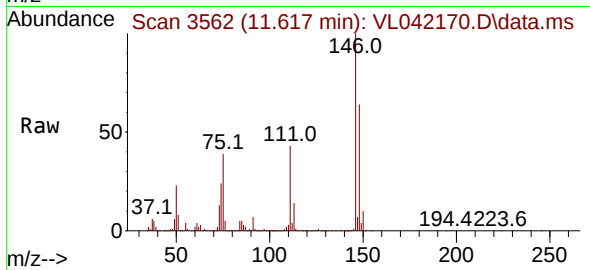
#75
1,3-Dichlorobenzene
Concen: 15.479 ppbv
RT: 11.617 min Scan# 3562
Delta R.T. 0.000 min
Lab File: VL042170.D
Acq: 25 Mar 2025 12:07

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

Tgt Ion:146 Resp: 613880
Ion Ratio Lower Upper
146 100
111 44.1 21.9 65.8
148 63.5 31.7 95.1

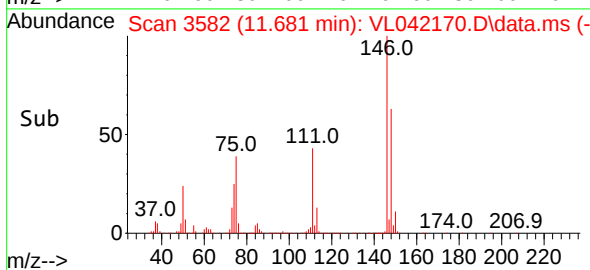
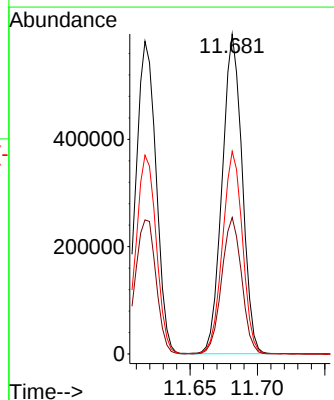
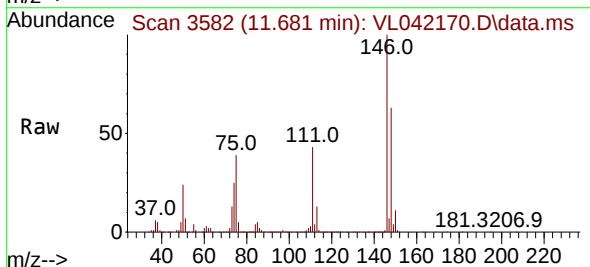
Manual Integrations
APPROVED

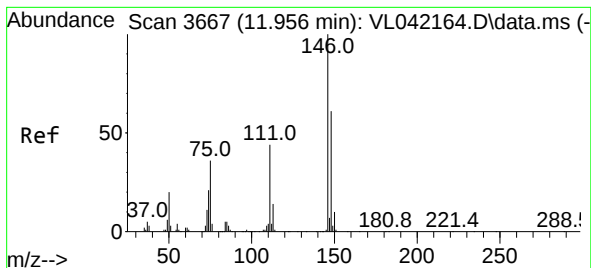
Reviewed By :Semsettin Yesilyurt 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#76
1,4-Dichlorobenzene
Concen: 15.597 ppbv
RT: 11.681 min Scan# 3582
Delta R.T. 0.000 min
Lab File: VL042170.D
Acq: 25 Mar 2025 12:07

Tgt Ion:146 Resp: 614345
Ion Ratio Lower Upper
146 100
111 42.7 21.3 64.0
148 63.5 31.8 95.3





#77

1,2-Dichlorobenzene

Concen: 15.838 ppbv

RT: 11.956 min Scan# 3667

Delta R.T. 0.000 min

Lab File: VL042170.D

Acq: 25 Mar 2025 12:07

Instrument :

MSVOA_L

ClientSampleId :

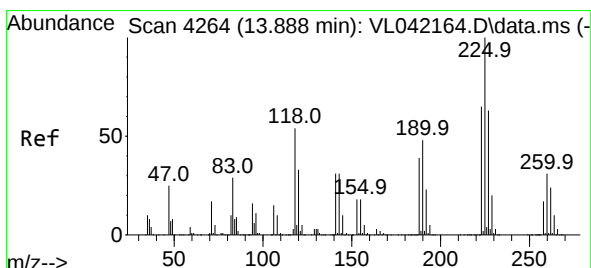
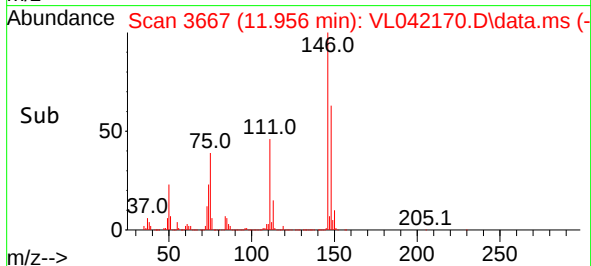
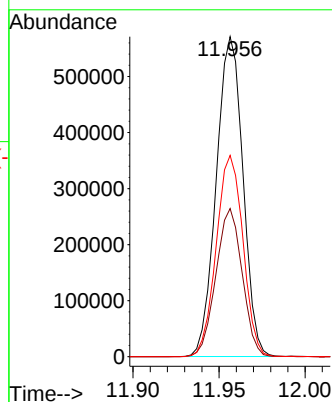
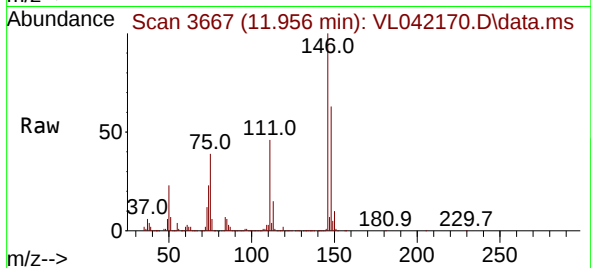
VSTDICC015

Tgt Ion:	146	Resp:	615892
Ion Ratio	Lower	Upper	
146	100		
111	45.7	23.1	69.3
148	63.1	31.6	94.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#78

Hexachloro-1,3-Butadiene

Concen: 16.633 ppbv

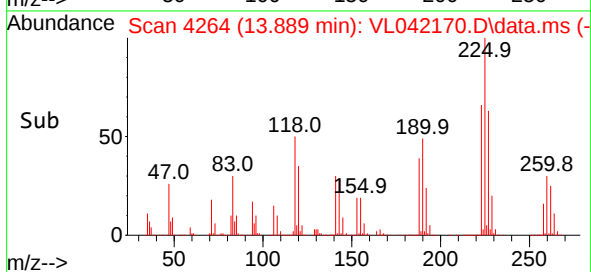
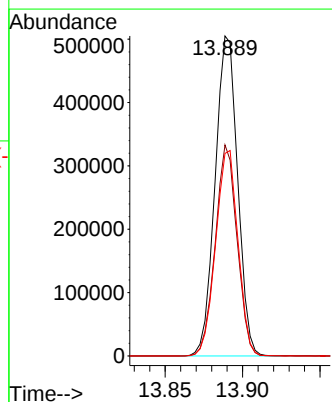
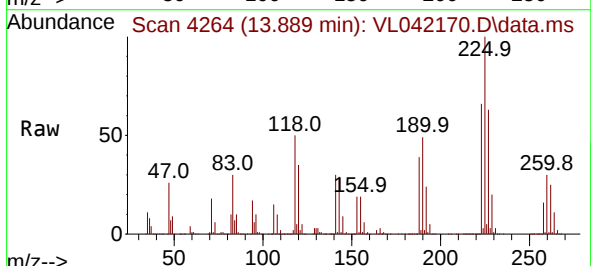
RT: 13.889 min Scan# 4264

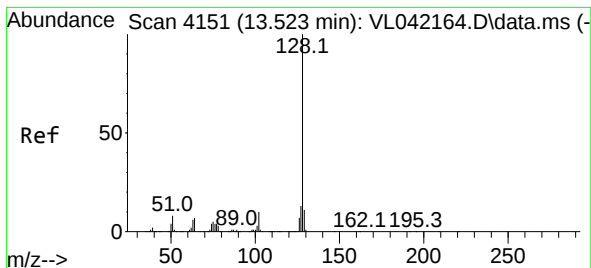
Delta R.T. 0.000 min

Lab File: VL042170.D

Acq: 25 Mar 2025 12:07

Tgt Ion:	225	Resp:	510779
Ion Ratio	Lower	Upper	
225	100		
223	63.8	51.1	76.7
227	63.8	50.6	76.0





#79

Naphthalene

Concen: 23.033 ppbv

RT: 13.523 min Scan# 4151

Delta R.T. 0.000 min

Lab File: VL042170.D

Acq: 25 Mar 2025 12:07

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015

Tgt Ion:128 Resp: 113343

Ion Ratio Lower Upper

128 100

127 13.1 10.6 16.0

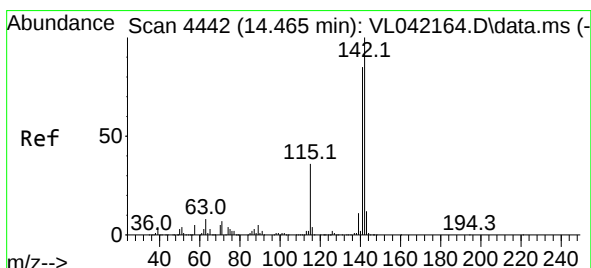
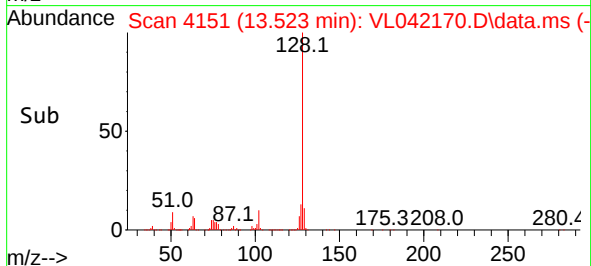
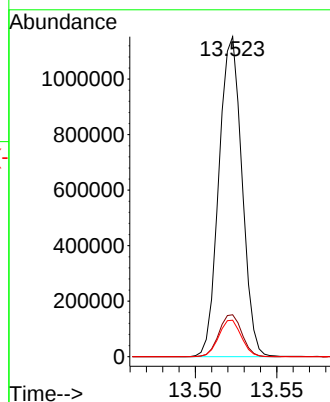
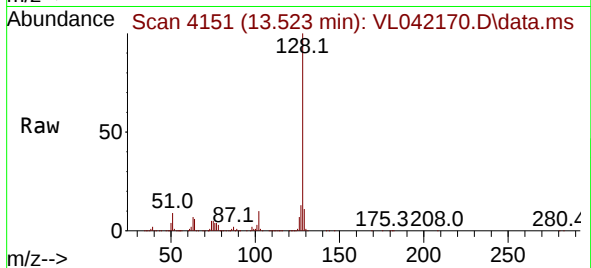
129 11.4 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/26/2025

Supervised By :Mahesh Dadoda 03/26/2025



#80

Naphthalene,2-methyl-

Concen: 38.867 ppbv

RT: 14.465 min Scan# 4442

Delta R.T. 0.000 min

Lab File: VL042170.D

Acq: 25 Mar 2025 12:07

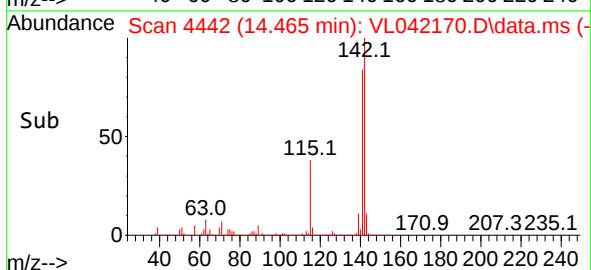
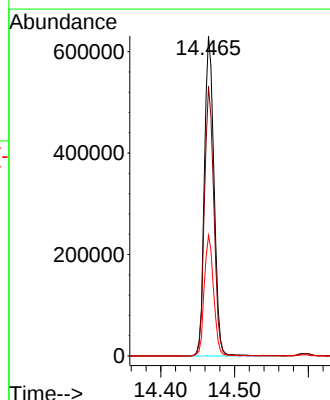
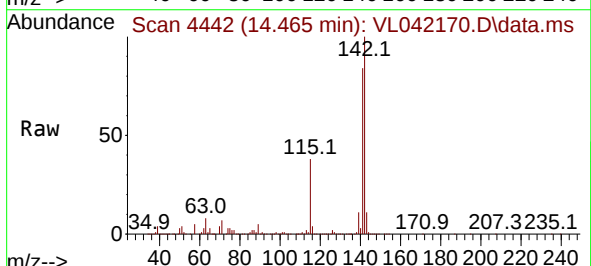
Tgt Ion:142 Resp: 571632

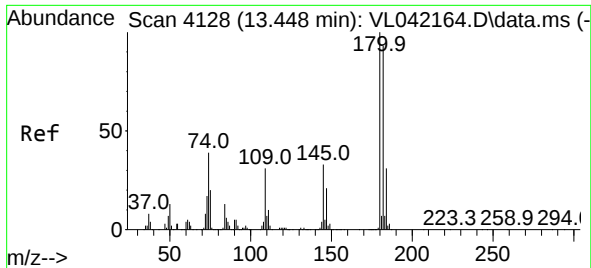
Ion Ratio Lower Upper

142 100

141 83.4 66.7 100.1

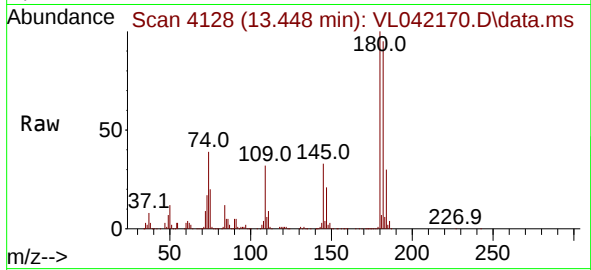
115 36.8 29.0 43.4





#81
 1,2,4-Trichlorobenzene
 Concen: 19.252 ppbv
 RT: 13.448 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VL042170.D
 Acq: 25 Mar 2025 12:07

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015



Tgt Ion:180 Resp: 521984
 Ion Ratio Lower Upper
 180 100
 182 96.0 76.3 114.5
 184 30.6 24.4 36.6

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/26/2025
 Supervised By :Mahesh Dadoda 03/26/2025

